Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP $ --- Marginal Cost of Losses --- Marginal Cost of Congestion

Generator Data

05/21/2023

Name PTID	00:00 EDT	01:00 EDT	02:00 EDT	03:00 EDT	04:00 EDT	05:00 EDT	06:00 EDT	07:00 EDT	08:00 EDT	09:00 EDT	10:00 EDT	11:00 EDT	12:00 EDT	13:00 EDT	14:00 EDT	15:00 EDT	16:00 EDT	17:00 EDT	18:00 EDT	19:00 EDT	20:00 EDT	21:00 EDT	22:00 EDT	23:00 EDT
59TH STREET_GT_1	21.61	16.26	19.19	18.50	16.72	19.14	17.63	14.85	15.45	17.07	18.11	18.57	17.91	17.08	14.23	16.34	17.21	22.92	21.52	20.72	24.11	21.32	17.56	19.16
24138	-0.79	-1.18	-0.76	-0.42	-1.23	-0.52	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.48	0.40	0.70	0.12	0.46	0.44	1.75	0.99	0.84	1.20
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
74TH STREET_GT_1	21.61	16.27	19.19	18.50	16.73	19.15	17.63	14.85	15.45	17.07	18.11	18.57	17.91	17.08	14.22	16.33	17.19	22.92	21.52	20.71	24.09	21.30	17.55	19.15
24260	-0.79	-1.18	-0.76	-0.42	-1.22	-0.52	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.48	0.40	0.69	0.12	0.45	0.43	1.72	0.97	0.83	1.19
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
74TH STREET_GT_2	21.61	16.27	19.19	18.50	16.73	19.15	17.63	14.85	15.45	17.07	18.11	18.57	17.91	17.08	14.22	16.33	17.19	22.92	21.52	20.71	24.09	21.30	17.55	19.15
24261	-0.79	-1.18	-0.76	-0.42	-1.22	-0.52	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.48	0.40	0.69	0.12	0.45	0.43	1.72	0.97	0.83	1.19
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ADK HUDSON___FALLS	31.45	26.33	28.47	25.91	27.52	27.27	23.21	17.73	20.04	21.74	22.56	23.22	22.04	21.06	16.30	19.34	19.12	29.03	25.88	24.92	23.90	23.28	18.90	19.05
24011	-0.64	-0.93	-0.63	-0.32	-0.98	-0.45	-0.09	0.26	-0.02	0.05	0.12	0.11	0.16	0.14	0.28	0.26	0.56	0.10	0.39	0.39	1.53	0.91	0.72	1.09
	-43.13	-43.74	-40.73	-32.61	-47.01	-35.85	-24.82	-12.99	-20.43	-20.82	-20.05	-20.93	-18.73	-18.07	-10.12	-13.98	-9.19	-27.32	-19.75	-18.92	0.00	-9.11	-6.46	0.00
ADK RESOURCE___RCVRY	31.40	26.25	28.43	25.91	27.44	27.24	23.22	17.77	20.06	21.76	22.60	23.25	22.07	21.08	16.33	19.38	19.21	29.07	25.96	24.99	24.12	23.42	18.99	19.20
23798	-0.73	-1.05	-0.70	-0.36	-1.11	-0.51	-0.10	0.29	-0.02	0.05	0.14	0.12	0.17	0.15	0.30	0.30	0.64	0.11	0.44	0.44	1.75	1.04	0.82	1.24
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
ADK S GLENS___FALLS	31.45	26.33	28.47	25.91	27.52	27.27	23.21	17.73	20.04	21.74	22.56	23.22	22.04	21.06	16.30	19.34	19.12	29.03	25.88	24.92	23.90	23.28	18.90	19.05
24028	-0.64	-0.93	-0.63	-0.32	-0.98	-0.45	-0.09	0.26	-0.02	0.05	0.12	0.11	0.16	0.14	0.28	0.26	0.56	0.10	0.39	0.39	1.53	0.91	0.72	1.09
	-43.13	-43.74	-40.73	-32.61	-47.01	-35.85	-24.82	-12.99	-20.43	-20.82	-20.05	-20.93	-18.73	-18.07	-10.12	-13.98	-9.19	-27.32	-19.75	-18.92	0.00	-9.11	-6.46	0.00
ADK_NYS___DAM	29.93	24.89	27.00	24.68	25.88	25.93	22.23	17.12	19.22	20.88	21.71	22.35	21.24	20.29	15.80	18.67	18.51	27.88	24.87	23.95	23.05	22.46	18.39	18.73
23527	-0.42	-0.61	-0.45	-0.24	-0.72	-0.33	-0.06	0.18	-0.01	0.04	0.09	0.08	0.12	0.10	0.19	0.16	0.32	0.05	0.17	0.18	0.68	0.45	0.48	0.77
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
AIR_PRODUCTS___DRP	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
24190	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
AKWESSNE_115KV_BK	-10.85	-16.19	-11.45	-6.28	-18.19	-7.96	-1.49	4.41	-0.35	0.86	2.35	2.14	3.10	2.80	5.80	5.01	9.22	1.58	5.61	5.47	21.81	12.97	11.48	17.67
355683	0.19	0.28	0.19	0.10	0.32	0.17	0.03	-0.08	0.01	-0.01	-0.04	-0.04	-0.05	-0.05	-0.10	-0.09	-0.15	-0.03	-0.13	-0.14	-0.55	-0.30	-0.24	-0.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
23571	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
ALBANY___2	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
23572	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
ALBANY___3	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
23573	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00

ALBANY___4	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
23574	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
ALBANY___LFGE	30.68	25.60	27.71	25.25	26.67	26.58	22.69	17.39	19.61	21.28	22.12	22.76	21.62	20.66	16.06	19.00	18.79	28.42	25.33	24.39	23.40	22.80	18.58	18.78
323615	-0.48	-0.72	-0.50	-0.28	-0.82	-0.37	-0.07	0.20	-0.02	0.04	0.11	0.10	0.14	0.13	0.26	0.22	0.43	0.07	0.26	0.26	1.03	0.62	0.55	0.82
	-42.20	-42.79	-39.86	-31.91	-46.00	-35.07	-24.28	-12.70	-19.98	-20.37	-19.62	-20.48	-18.32	-17.68	-9.90	-13.68	-9.00	-26.73	-19.33	-18.51	0.00	-8.92	-6.32	0.00
ALCOA_PA_115KV_PL-6C	-10.90	-16.21	-11.47	-5.76	-18.15	-7.50	-1.04	5.04	-0.29	0.86	2.36	2.15	3.11	2.81	5.81	5.02	9.25	1.59	5.62	5.49	21.90	13.03	11.54	17.77
55860	0.14	0.21	0.14	0.07	0.23	0.14	0.02	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.09	-0.08	-0.13	-0.03	-0.12	-0.12	-0.46	-0.23	-0.18	-0.19
	0.00	-0.05	-0.02	-0.55	-0.13	-0.49	-0.45	-0.61	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALCOA_RYNLDS___DRP	-10.90	-16.21	-11.47	-5.76	-18.15	-7.50	-1.04	5.04	-0.29	0.86	2.36	2.15	3.11	2.81	5.81	5.02	9.25	1.59	5.62	5.49	21.90	13.03	11.54	17.77
24188	0.14	0.21	0.14	0.07	0.23	0.14	0.02	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.09	-0.08	-0.13	-0.03	-0.12	-0.12	-0.46	-0.23	-0.18	-0.19
	0.00	-0.05	-0.02	-0.55	-0.13	-0.49	-0.45	-0.61	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALCOA___DSASP	-10.90	-16.21	-11.48	-5.76	-18.15	-7.50	-1.04	5.04	-0.29	0.86	2.36	2.15	3.11	2.81	5.81	5.02	9.25	1.59	5.62	5.49	21.90	13.03	11.54	17.77
323711	0.14	0.21	0.14	0.07	0.23	0.14	0.02	-0.05	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.09	-0.08	-0.13	-0.03	-0.12	-0.12	-0.47	-0.23	-0.18	-0.19
	0.00	-0.05	-0.02	-0.55	-0.13	-0.49	-0.45	-0.61	-0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALLEGHENY___COGEN	-5.36	-10.69	-6.22	-1.95	-12.19	-3.37	1.86	6.32	2.44	3.73	5.14	5.04	5.69	5.31	7.26	7.04	10.64	5.40	8.57	8.42	23.44	15.18	13.02	18.37
23514	-0.25	-0.24	-0.18	-0.07	-0.15	-0.18	-0.03	0.05	-0.01	0.00	-0.01	-0.02	-0.03	-0.03	-0.04	0.02	0.00	0.02	0.10	0.20	1.07	0.66	0.41	0.41
	-5.94	-6.02	-5.61	-4.49	-6.47	-4.93	-3.42	-1.79	-2.81	-2.86	-2.76	-2.88	-2.58	-2.49	-1.39	-1.93	-1.27	-3.76	-2.72	-2.61	0.00	-1.26	-0.89	0.00
ALTAMONT_115KV_TB 2	30.17	25.13	27.24	24.84	26.17	26.14	22.35	17.15	19.31	20.97	21.80	22.43	21.30	20.36	15.85	18.74	18.54	28.00	24.99	24.05	23.16	22.52	18.35	18.57
55880	-0.37	-0.56	-0.39	-0.22	-0.63	-0.28	-0.05	0.15	-0.01	0.03	0.08	0.07	0.11	0.10	0.19	0.17	0.31	0.05	0.20	0.20	0.79	0.47	0.41	0.61
	-41.58	-42.15	-39.27	-31.43	-45.32	-34.55	-23.92	-12.52	-19.69	-20.07	-19.33	-20.17	-18.05	-17.42	-9.76	-13.47	-8.86	-26.33	-19.04	-18.24	0.00	-8.78	-6.23	0.00
ALTONA_WT_PWR	-10.94	-17.22	-11.70	-21.05	-21.26	-21.06	-13.89	-12.48	-2.12	0.86	2.35	2.15	3.15	2.83	5.85	5.05	9.43	1.63	5.72	5.61	22.43	13.37	11.80	18.17
323606	0.10	0.60	0.56	0.33	0.77	0.47	0.08	-0.22	0.02	-0.01	-0.04	-0.03	0.00	-0.01	-0.05	-0.05	0.05	0.01	-0.03	0.00	0.07	0.11	0.09	0.21
	0.00	1.35	0.63	15.02	3.52	13.40	12.45	16.75	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AMERICAN_REF_FUEL	-5.09	-10.27	-5.99	-1.85	-11.94	-3.29	1.85	6.11	2.41	3.63	4.96	4.88	5.50	5.12	6.93	6.69	9.94	5.20	8.05	7.88	21.18	13.77	11.83	16.68
24010	0.12	0.28	0.14	0.11	0.21	-0.01	0.01	-0.13	0.00	-0.05	-0.13	-0.13	-0.18	-0.16	-0.34	-0.30	-0.67	-0.11	-0.36	-0.30	-1.19	-0.73	-0.76	-1.28
	-5.83	-5.91	-5.51	-4.41	-6.36	-4.85	-3.36	-1.76	-2.76	-2.82	-2.71	-2.83	-2.53	-2.44	-1.37	-1.89	-1.24	-3.70	-2.67	-2.57	0.00	-1.24	-0.88	0.00
ARKWRIGHT___SUMMIT_WT_PWR	-4.48	-9.61	-5.39	-1.33	-11.06	-2.73	2.21	6.38	2.69	3.98	5.37	5.29	5.93	5.53	7.32	7.09	10.43	5.67	8.59	8.49	22.32	14.58	12.52	17.57
323751	0.09	0.30	0.14	0.16	0.41	0.02	0.01	-0.06	-0.01	-0.01	-0.03	-0.02	-0.02	-0.03	-0.09	-0.10	-0.32	-0.04	-0.12	-0.01	-0.04	-0.09	-0.19	-0.39
	-6.47	-6.56	-6.11	-4.89	-7.05	-5.37	-3.72	-1.95	-3.06	-3.12	-3.01	-3.14	-2.81	-2.71	-1.52	-2.09	-1.38	-4.10	-2.96	-2.89	0.00	-1.40	-0.99	0.00
ARTHUR KILL_GT_1	21.66	16.34	19.23	18.52	16.80	19.18	17.64	14.83	15.45	17.07	18.10	18.55	17.88	17.05	14.15	16.27	17.09	22.90	21.45	20.66	23.85	21.16	17.46	19.01
23520	-0.74	-1.10	-0.72	-0.39	-1.14	-0.49	-0.08	0.28	-0.02	0.05	0.16	0.14	0.21	0.19	0.40	0.34	0.59	0.10	0.39	0.37	1.48	0.83	0.73	1.05
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ARTHUR_KILL_2	21.69	16.39	19.26	18.54	16.85	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.87	17.04	14.14	16.26	17.07	22.90	21.44	20.64	23.79	21.13	17.42	18.96
23512	-0.71	-1.06	-0.69	-0.37	-1.10	-0.46	-0.08	0.27	-0.02	0.05	0.15	0.14	0.20	0.18	0.39	0.33	0.57	0.10	0.38	0.36	1.42	0.80	0.70	1.00
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ARTHUR_KILL_3	21.74	16.44	19.31	18.56	16.90	19.23	17.65	14.81	15.45	17.06	18.08	18.55	17.87	17.04	14.16	16.28	17.09	22.90	21.45	20.65	23.82	21.15	17.43	18.97
23513	-0.67	-1.01	-0.64	-0.35	-1.04	-0.44	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.19	0.41	0.34	0.59	0.10	0.39	0.37	1.45	0.81	0.71	1.01
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ARTHUR_KILL_COGEN	21.66	16.34	19.23	18.52	16.80	19.18	17.64	14.83	15.45	17.07	18.10	18.55	17.88	17.05	14.15	16.27	17.09	22.90	21.45	20.66	23.85	21.16	17.46	19.01
323718	-0.74	-1.10	-0.72	-0.39	-1.14	-0.49	-0.08	0.28	-0.02	0.05	0.16	0.14	0.21	0.19	0.40	0.34	0.59	0.10	0.39	0.37	1.48	0.83	0.73	1.05
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASHOKAN____	25.35	20.19	22.70	21.24	20.90	22.17	19.63	15.81	17.08	18.70	19.63	20.16	19.28	18.40	14.78	17.24	17.61	25.04	22.90	22.06	23.68	21.77	17.85	18.88
23654	-0.48	-0.73	-0.48	-0.26	-0.78	-0.35	-0.06	0.23	-0.02	0.03	0.10	0.09	0.11	0.10	0.22	0.19	0.38	0.07	0.27	0.27	1.31	0.72	0.61	0.91
	-36.88	-37.39	-34.83	-27.88	-40.19	-30.65	-21.22	-11.10	-17.46	-17.80	-17.14	-17.89	-16.01	-15.45	-8.65	-11.95	-7.86	-23.36	-16.89	-16.17	0.00	-7.79	-5.52	0.00

ASTORIA_EAST_ENERGY_CC1	21.64	16.28	19.19	18.50	16.74	19.17	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.20	17.49	19.08
323581	-0.77	-1.16	-0.76	-0.41	-1.20	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.57	0.87	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_EAST_ENERGY_CC2	21.64	16.28	19.19	18.50	16.74	19.17	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.94	21.20	17.49	19.08
323582	-0.77	-1.16	-0.76	-0.41	-1.20	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.57	0.87	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT2_1	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24094	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT2_2	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24095	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT2_3	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24096	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT2_4	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24097	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT3_1	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24098	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT3_2	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24099	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT3_3	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24100	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT3_4	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24101	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT4_1	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24102	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT4_2	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24103	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT4_3	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24104	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT4_4	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24105	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_1	21.62	16.25	19.17	18.49	16.71	19.16	17.64	14.86	15.45	17.07	18.12	18.57	17.90	17.07	14.21	16.31	17.15	22.91	21.50	20.69	23.99	21.23	17.52	19.11
23523	-0.79	-1.20	-0.78	-0.43	-1.24	-0.51	-0.09	0.31	-0.03	0.06	0.18	0.16	0.23	0.21	0.46	0.38	0.65	0.11	0.44	0.41	1.62	0.90	0.79	1.15
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

ASTORIA_GT_10	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
24110	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_11	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
24225	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_12	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
24226	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_13	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
24227	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_5	21.62	16.25	19.17	18.49	16.71	19.16	17.64	14.86	15.45	17.07	18.12	18.57	17.90	17.07	14.21	16.31	17.15	22.91	21.50	20.69	23.99	21.23	17.52	19.11
24106	-0.79	-1.20	-0.78	-0.43	-1.24	-0.51	-0.09	0.31	-0.03	0.06	0.18	0.16	0.23	0.21	0.46	0.38	0.65	0.11	0.44	0.41	1.62	0.90	0.79	1.15
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_7	21.62	16.25	19.17	18.49	16.71	19.16	17.64	14.86	15.45	17.07	18.12	18.57	17.90	17.07	14.21	16.31	17.15	22.91	21.50	20.69	23.99	21.23	17.52	19.11
24107	-0.79	-1.20	-0.78	-0.43	-1.24	-0.51	-0.09	0.31	-0.03	0.06	0.18	0.16	0.23	0.21	0.46	0.38	0.65	0.11	0.44	0.41	1.62	0.90	0.79	1.15
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA_GT_8	21.62	16.25	19.17	18.49	16.71	19.16	17.64	14.86	15.45	17.07	18.12	18.57	17.90	17.07	14.21	16.31	17.15	22.91	21.50	20.69	23.99	21.23	17.52	19.11
24108	-0.79	-1.20	-0.78	-0.43	-1.24	-0.51	-0.09	0.31	-0.03	0.06	0.18	0.16	0.23	0.21	0.46	0.38	0.65	0.11	0.44	0.41	1.62	0.90	0.79	1.15
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA___2	21.63	16.28	19.19	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.13	22.91	21.48	20.68	23.95	21.21	17.50	19.08
24149	-0.77	-1.17	-0.76	-0.42	-1.21	-0.50	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.78	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA___3	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
23516	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA___4	21.64	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
23517	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ASTORIA___5	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
23518	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
AST_ENERGY_2_CC3	21.72	16.42	19.29	18.55	16.88	19.22	17.65	14.81	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.11	22.90	21.46	20.66	23.88	21.18	17.45	18.99
323677	-0.69	-1.03	-0.66	-0.36	-1.07	-0.45	-0.08	0.26	-0.02	0.06	0.16	0.14	0.21	0.19	0.42	0.36	0.61	0.11	0.40	0.38	1.51	0.85	0.73	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
AST_ENERGY_2_CC4	21.72	16.42	19.29	18.55	16.88	19.22	17.65	14.81	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.11	22.90	21.46	20.66	23.88	21.18	17.45	18.99
323678	-0.69	-1.03	-0.66	-0.36	-1.07	-0.45	-0.08	0.26	-0.02	0.06	0.16	0.14	0.21	0.19	0.42	0.36	0.61	0.11	0.40	0.38	1.51	0.85	0.73	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ATHENS_STG_1	26.19	21.10	23.49	21.84	21.84	22.84	20.07	15.95	17.43	19.05	19.95	20.50	19.59	18.70	14.94	17.46	17.71	25.49	23.18	22.31	23.18	21.68	17.76	18.55
23668	-0.38	-0.57	-0.39	-0.22	-0.64	-0.28	-0.05	0.15	-0.01	0.03	0.08	0.08	0.11	0.10	0.21	0.18	0.32	0.06	0.21	0.21	0.81	0.47	0.41	0.59
	-37.61	-38.13	-35.52	-28.43	-40.99	-31.25	-21.64	-11.32	-17.81	-18.15	-17.48	-18.25	-16.33	-15.76	-8.83	-12.18	-8.02	-23.82	-17.22	-16.49	0.00	-7.95	-5.63	0.00
ATHENS_STG_2	26.19	21.10	23.49	21.84	21.84	22.84	20.07	15.95	17.43	19.05	19.95	20.50	19.59	18.70	14.94	17.46	17.71	25.49	23.18	22.31	23.18	21.68	17.76	18.55
23670	-0.38	-0.57	-0.39	-0.22	-0.64	-0.28	-0.05	0.15	-0.01	0.03	0.08	0.08	0.11	0.10	0.21	0.18	0.32	0.06	0.21	0.21	0.81	0.47	0.41	0.59
	-37.61	-38.13	-35.52	-28.43	-40.99	-31.25	-21.64	-11.32	-17.81	-18.15	-17.48	-18.25	-16.33	-15.76	-8.83	-12.18	-8.02	-23.82	-17.22	-16.49	0.00	-7.95	-5.63	0.00

ATHENS_STG_3	26.19	21.10	23.49	21.84	21.84	22.84	20.07	15.95	17.43	19.05	19.95	20.50	19.59	18.70	14.94	17.46	17.71	25.49	23.18	22.31	23.18	21.68	17.76	18.55
23677	-0.38	-0.57	-0.39	-0.22	-0.64	-0.28	-0.05	0.15	-0.01	0.03	0.08	0.08	0.11	0.10	0.21	0.18	0.32	0.06	0.21	0.21	0.81	0.47	0.41	0.59
	-37.61	-38.13	-35.52	-28.43	-40.99	-31.25	-21.64	-11.32	-17.81	-18.15	-17.48	-18.25	-16.33	-15.76	-8.83	-12.18	-8.02	-23.82	-17.22	-16.49	0.00	-7.95	-5.63	0.00
AUBURN___LFGE	-6.24	-11.64	-7.05	-2.66	-13.14	-4.08	1.30	5.98	1.96	3.24	4.67	4.57	5.29	4.90	7.08	6.71	10.46	4.74	8.11	7.87	22.85	14.56	12.64	18.07
323710	-0.10	-0.15	-0.04	0.01	0.03	-0.03	-0.01	0.02	-0.01	0.00	0.00	0.01	0.02	0.00	0.03	0.02	0.04	0.02	0.12	0.11	0.48	0.26	0.19	0.11
	-4.91	-4.98	-4.64	-3.71	-5.35	-4.08	-2.82	-1.48	-2.32	-2.37	-2.28	-2.38	-2.13	-2.06	-1.15	-1.59	-1.05	-3.11	-2.25	-2.15	0.00	-1.04	-0.74	0.00
BABYLON_RES_REC	21.54	16.09	19.09	18.43	16.49	19.00	17.61	14.90	15.45	18.12	18.12	18.57	17.87	17.06	14.21	16.29	17.14	22.94	21.57	20.76	24.41	21.44	17.68	19.33
323704	-0.87	-1.37	-0.87	-0.49	-1.46	-0.67	-0.12	0.35	-0.03	0.07	0.18	0.15	0.20	0.20	0.46	0.36	0.64	0.13	0.51	0.48	2.04	1.11	0.96	1.37
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BABYLON__69_KV_BK2	21.44	15.92	18.97	18.37	16.30	18.91	17.59	14.95	15.45	18.13	18.14	18.58	17.90	17.08	14.26	16.33	17.22	22.96	21.63	20.82	24.66	21.59	17.79	19.49
356345	-0.98	-1.54	-0.99	-0.55	-1.66	-0.76	-0.14	0.39	-0.03	0.08	0.20	0.17	0.22	0.22	0.51	0.40	0.72	0.15	0.57	0.53	2.29	1.25	1.07	1.53
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARON_WINDS___WT_PWR	-2.58	-7.71	-3.57	0.02	-9.12	-1.20	3.23	6.88	3.52	4.81	6.17	6.14	6.68	6.26	7.77	7.71	10.98	6.80	9.48	9.18	22.28	14.89	12.82	17.65
323822	0.26	0.44	0.32	0.19	0.45	0.11	0.02	-0.08	-0.01	-0.01	-0.03	-0.02	-0.03	-0.02	-0.06	-0.05	-0.14	-0.01	-0.02	-0.03	-0.09	-0.10	-0.13	-0.31
	-8.20	-8.32	-7.75	-6.20	-8.94	-6.82	-4.72	-2.47	-3.88	-3.96	-3.81	-3.98	-3.56	-3.44	-1.92	-2.66	-1.75	-5.20	-3.76	-3.60	0.00	-1.74	-1.23	0.00
BARRETT_IC_1	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23704	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_10	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23701	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_11	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23702	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_12	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23703	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_2	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23705	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_3	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23706	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_4	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23707	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_5	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23708	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_6	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23709	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_7	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23710	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

BARRETT_IC_8	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23711	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT_IC_9	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23700	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT___1	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23545	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BARRETT___2	21.67	16.26	19.19	18.48	16.62	19.07	17.62	14.86	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.26	17.06	22.92	21.49	20.69	24.04	21.25	17.53	19.20
23546	-0.75	-1.20	-0.76	-0.43	-1.34	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.17	0.18	0.41	0.32	0.56	0.12	0.42	0.40	1.68	0.92	0.80	1.24
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BATAVIA__115KV_TB1	-5.48	-10.73	-6.36	-2.09	-12.47	-3.57	1.73	6.16	2.33	3.58	4.94	4.85	5.50	5.12	7.00	6.74	10.12	5.17	8.17	8.02	22.02	14.24	12.22	17.30
55881	-0.13	-0.03	-0.08	-0.01	-0.16	-0.16	-0.02	-0.04	0.00	-0.03	-0.09	-0.09	-0.12	-0.11	-0.23	-0.20	-0.47	-0.05	-0.17	-0.10	-0.35	-0.23	-0.35	-0.66
	-5.69	-5.77	-5.37	-4.30	-6.20	-4.73	-3.27	-1.71	-2.69	-2.74	-2.64	-2.76	-2.47	-2.38	-1.34	-1.84	-1.21	-3.60	-2.60	-2.51	0.00	-1.21	-0.86	0.00
BAYONEEC___CTG1	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323682	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG10	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323750	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG2	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323683	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG3	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323684	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG4	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323685	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG5	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323686	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG6	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323687	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG7	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323688	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG8	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323689	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BAYONEEC___CTG9	21.70	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.91	21.20	17.47	19.02
323749	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.54	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

BEACON___LESR	29.89	24.80	26.98	24.66	25.84	25.91	22.23	17.15	19.22	20.89	21.74	22.37	21.26	20.32	15.86	18.74	18.66	27.90	24.96	24.03	23.46	22.66	18.46	18.76
323632	-0.46	-0.70	-0.47	-0.26	-0.76	-0.36	-0.07	0.21	-0.02	0.04	0.11	0.11	0.14	0.13	0.25	0.23	0.46	0.07	0.27	0.27	1.08	0.65	0.54	0.79
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
BEAVER RIVER___HYD	-9.06	-14.18	-9.67	-4.06	-15.95	-5.70	0.19	5.88	0.51	1.63	3.10	2.92	3.78	3.47	6.16	5.52	9.56	2.60	6.39	6.34	22.60	13.82	12.01	18.19
24048	0.38	0.59	0.42	0.20	0.61	0.29	0.04	-0.09	0.01	-0.01	-0.03	-0.04	-0.07	-0.04	-0.12	-0.10	-0.16	-0.02	-0.09	0.03	0.23	0.22	0.06	0.23
	-1.60	-1.70	-1.55	-2.12	-1.96	-2.14	-1.67	-1.49	-0.86	-0.77	-0.74	-0.78	-0.69	-0.67	-0.37	-0.52	-0.34	-1.01	-0.73	-0.70	0.00	-0.34	-0.24	0.00
BEEBEE_GT_13	-6.34	-11.62	-7.17	-2.78	-13.33	-4.27	1.18	5.85	1.86	3.12	4.52	4.42	5.12	4.75	6.87	6.52	10.13	4.55	7.81	7.63	22.21	14.14	12.20	17.49
23619	0.00	0.09	0.03	0.04	0.06	-0.04	0.00	-0.04	0.00	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.10	-0.24	-0.03	-0.08	-0.04	-0.15	-0.12	-0.21	-0.47
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
BENSHRST_27_KV_BENSHRST_1	21.58	16.22	19.16	18.48	16.69	19.13	17.63	14.86	15.45	17.08	18.12	18.58	17.91	17.08	14.23	16.34	17.21	22.92	21.52	20.72	24.13	21.32	17.57	19.17
355998	-0.82	-1.23	-0.79	-0.43	-1.26	-0.54	-0.09	0.31	-0.03	0.06	0.18	0.17	0.24	0.22	0.48	0.40	0.71	0.12	0.46	0.44	1.76	0.99	0.85	1.21
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BETHLEHEM___GRP	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.94	24.01	23.21	22.53	18.38	18.65
23843	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.06	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
BETHLEHEM___GS1	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.95	24.01	23.21	22.53	18.38	18.65
323560	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.05	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
BETHLEHEM___GS2	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.95	24.01	23.21	22.53	18.38	18.65
323561	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.05	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
BETHLEHEM___GS3	30.02	24.97	27.09	24.74	25.99	26.02	22.28	17.13	19.26	20.92	21.75	22.38	21.27	20.33	15.85	18.72	18.56	27.93	24.95	24.01	23.21	22.53	18.38	18.65
323562	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.05	0.21	0.21	0.84	0.51	0.46	0.69
	-41.46	-42.04	-39.16	-31.35	-45.20	-34.46	-23.86	-12.48	-19.63	-20.02	-19.27	-20.12	-18.00	-17.37	-9.73	-13.44	-8.84	-26.26	-18.99	-18.19	0.00	-8.76	-6.21	0.00
BETHLEHEM___STEEL	-4.82	-10.05	-5.73	-1.61	-11.71	-3.05	2.07	6.34	2.59	3.87	5.24	5.17	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.08	14.39	12.36	17.38
23779	-0.03	0.08	0.00	0.04	-0.01	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.15	-0.12	-0.33	-0.05	-0.15	-0.09	-0.29	-0.21	-0.30	-0.58
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
BETHLHEM_115KV_TB1	30.01	24.97	27.09	24.73	25.98	26.01	22.27	17.12	19.25	20.91	21.75	22.37	21.26	20.32	15.84	18.71	18.55	27.92	24.93	24.00	23.19	22.51	18.37	18.63
79974	-0.39	-0.59	-0.42	-0.23	-0.68	-0.30	-0.06	0.16	-0.01	0.03	0.09	0.08	0.11	0.10	0.21	0.18	0.34	0.05	0.21	0.21	0.82	0.49	0.45	0.67
	-41.45	-42.03	-39.15	-31.34	-45.18	-34.45	-23.85	-12.48	-19.63	-20.01	-19.27	-20.11	-18.00	-17.37	-9.73	-13.43	-8.83	-26.26	-18.98	-18.18	0.00	-8.76	-6.21	0.00
BETHPAGE_CC_5	21.56	16.12	19.11	18.44	16.53	19.02	17.61	14.89	15.45	18.12	18.13	18.57	17.88	17.07	14.21	16.29	17.13	22.93	21.55	20.74	24.31	21.39	17.64	19.31
323564	-0.85	-1.34	-0.85	-0.48	-1.43	-0.66	-0.12	0.34	-0.03	0.07	0.18	0.16	0.20	0.20	0.46	0.36	0.63	0.13	0.49	0.46	1.94	1.06	0.92	1.35
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BIGTREE_115_KV_TB2_REV_LBMP_A	-4.77	-10.01	-5.69	-1.57	-11.67	-3.01	2.10	6.37	2.62	3.90	5.28	5.21	5.84	5.44	7.25	7.04	10.43	5.58	8.51	8.34	22.16	14.45	12.41	17.44
345034	-0.05	0.04	-0.02	0.02	-0.05	-0.13	-0.01	-0.01	-0.01	-0.02	-0.04	-0.04	-0.05	-0.05	-0.13	-0.10	-0.29	-0.05	-0.13	-0.07	-0.21	-0.16	-0.26	-0.52
	-6.32	-6.41	-5.97	-4.78	-6.89	-5.26	-3.64	-1.90	-2.99	-3.05	-2.94	-3.07	-2.75	-2.65	-1.49	-2.05	-1.35	-4.01	-2.90	-2.79	0.00	-1.35	-0.96	0.00
BINGHAMTON___COGEN	0.03	-5.28	-1.17	2.03	-6.48	1.06	4.90	7.91	4.93	6.28	7.61	7.63	8.04	7.56	8.58	8.78	11.84	8.73	10.98	10.62	22.79	15.85	13.53	18.11
23790	-0.12	-0.16	-0.10	-0.05	-0.17	-0.11	-0.02	0.05	-0.01	0.01	0.03	0.03	0.03	0.03	0.06	0.06	0.09	0.03	0.11	0.10	0.42	0.23	0.15	0.15
	-11.19	-11.34	-10.57	-8.46	-12.19	-9.30	-6.44	-3.37	-5.30	-5.40	-5.20	-5.43	-4.86	-4.69	-2.63	-3.62	-2.38	-7.09	-5.12	-4.90	0.00	-2.36	-1.67	0.00
BIXINCNT_115KV_LOAD	-4.31	-9.52	-5.28	-1.30	-11.22	-2.74	2.29	6.50	2.77	4.07	5.47	5.40	6.03	5.62	7.42	7.22	10.65	5.79	8.74	8.53	22.38	14.65	12.57	17.65
355685	0.09	0.21	0.09	0.06	0.05	-0.13	-0.02	0.01	-0.02	-0.01	-0.01	-0.01	0.00	-0.01	-0.04	-0.03	-0.14	-0.03	-0.05	-0.01	0.01	-0.03	-0.15	-0.31
	-6.64	-6.74	-6.27	-5.02	-7.24	-5.52	-3.82	-2.00	-3.15	-3.21	-3.09	-3.22	-2.88	-2.78	-1.56	-2.15	-1.42	-4.21	-3.04	-2.93	0.00	-1.41	-1.00	0.00
BLACK RIVER___HYD	-8.45	-13.58	-9.09	-3.86	-15.33	-5.45	0.32	5.77	0.76	1.92	3.37	3.20	4.02	3.71	6.28	5.70	9.66	2.98	6.69	6.67	22.82	14.06	12.16	18.25
24047	0.39	0.59	0.44	0.21	0.63	0.28	0.04	-0.09	0.00	-0.02	-0.04	-0.05	-0.08	-0.06	-0.14	-0.11	-0.18	-0.02	-0.06	0.09	0.46	0.33	0.11	0.29
	-2.20	-2.29	-2.11	-2.30	-2.55	-2.40	-1.80	-1.37	-1.12	-1.06	-1.02	-1.07	-0.96	-0.92	-0.52	-0.71	-0.47	-1.40	-1.01	-0.97	0.00	-0.47	-0.33	0.00

BLACKRVR_115KV_TB2	-8.46	-13.59	-9.10	-3.86	-15.33	-5.45	0.32	5.77	0.76	1.92	3.37	3.20	4.02	3.71	6.28	5.70	9.66	2.98	6.69	6.67	22.82	14.06	12.16	18.25
79977	0.38	0.58	0.43	0.21	0.63	0.28	0.04	-0.09	0.00	-0.02	-0.04	-0.05	-0.08	-0.06	-0.14	-0.11	-0.18	-0.02	-0.06	0.09	0.46	0.33	0.11	0.29
	-2.20	-2.29	-2.11	-2.30	-2.55	-2.40	-1.80	-1.37	-1.12	-1.06	-1.02	-1.07	-0.96	-0.92	-0.52	-0.71	-0.47	-1.40	-1.01	-0.97	0.00	-0.47	-0.33	0.00
BLISS_WT_PWR	-4.21	-9.41	-5.20	-1.25	-11.10	-2.70	2.29	6.48	2.77	4.07	5.46	5.40	6.03	5.62	7.42	7.23	10.65	5.79	8.74	8.53	22.36	14.64	12.55	17.60
323608	0.19	0.32	0.17	0.10	0.16	-0.09	-0.01	0.00	-0.02	-0.01	-0.01	-0.01	0.00	-0.01	-0.04	-0.02	-0.14	-0.03	-0.04	0.00	-0.01	-0.04	-0.16	-0.36
	-6.64	-6.74	-6.27	-5.02	-7.24	-5.52	-3.82	-2.00	-3.15	-3.21	-3.09	-3.22	-2.88	-2.78	-1.56	-2.15	-1.42	-4.21	-3.04	-2.93	0.00	-1.41	-1.00	0.00
BLUE_CIRC_CHEM_DRP	29.29	24.21	26.38	24.18	25.16	25.40	21.87	16.93	18.92	20.58	21.43	22.04	20.97	20.03	15.69	18.49	18.42	27.49	24.63	23.71	23.27	22.41	18.30	18.69
24182	-0.43	-0.65	-0.46	-0.26	-0.75	-0.34	-0.07	0.18	-0.02	0.03	0.10	0.09	0.12	0.11	0.22	0.19	0.36	0.06	0.22	0.23	0.90	0.54	0.49	0.73
	-40.75	-41.32	-38.49	-30.81	-44.42	-33.87	-23.45	-12.27	-19.30	-19.67	-18.94	-19.77	-17.70	-17.08	-9.56	-13.21	-8.69	-25.81	-18.66	-17.88	0.00	-8.61	-6.10	0.00
BOC_GAS_DRP	29.99	24.97	27.07	24.70	25.99	25.99	22.24	17.08	19.22	20.87	21.70	22.33	21.21	20.27	15.80	18.66	18.48	27.87	24.87	23.94	23.08	22.43	18.29	18.53
24189	-0.34	-0.52	-0.37	-0.20	-0.59	-0.27	-0.05	0.14	-0.01	0.03	0.07	0.07	0.10	0.09	0.19	0.16	0.29	0.05	0.18	0.18	0.71	0.43	0.38	0.56
	-41.38	-41.95	-39.07	-31.28	-45.10	-34.38	-23.81	-12.45	-19.59	-19.97	-19.23	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.21	-18.95	-18.15	0.00	-8.74	-6.20	0.00
BOONVLLE_115KV_TB1	-9.56	-14.88	-10.21	-4.93	-16.80	-6.61	-0.42	5.30	0.34	1.55	3.05	2.87	3.76	3.44	6.23	5.56	9.70	2.51	6.42	6.32	22.82	13.85	12.09	18.27
79983	0.08	0.14	0.10	0.04	0.11	0.05	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.03	0.01	0.04	0.10	0.46	0.29	0.17	0.31
	-1.40	-1.45	-1.33	-1.40	-1.61	-1.47	-1.09	-0.81	-0.70	-0.68	-0.65	-0.68	-0.61	-0.59	-0.33	-0.45	-0.30	-0.89	-0.64	-0.61	0.00	-0.30	-0.21	0.00
BORALEX_4TH_BRANCH	29.93	24.89	27.00	24.68	25.88	25.93	22.23	17.12	19.22	20.88	21.71	22.35	21.24	20.29	15.80	18.67	18.51	27.88	24.87	23.95	23.05	22.46	18.39	18.73
23824	-0.42	-0.61	-0.45	-0.24	-0.72	-0.33	-0.06	0.18	-0.01	0.04	0.09	0.08	0.12	0.10	0.19	0.16	0.32	0.05	0.17	0.18	0.68	0.45	0.48	0.77
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
BOWLINE___1	20.71	15.44	18.34	17.78	15.81	18.37	17.04	14.47	14.96	16.55	17.58	18.02	17.39	16.59	13.87	15.90	16.82	22.22	20.94	20.16	23.74	20.88	17.20	18.87
23526	-0.63	-0.93	-0.61	-0.33	-0.99	-0.42	-0.08	0.23	-0.02	0.05	0.13	0.12	0.18	0.17	0.37	0.31	0.54	0.10	0.36	0.34	1.37	0.77	0.64	0.91
	-32.39	-32.84	-30.59	-24.49	-35.31	-26.92	-18.64	-9.75	-15.34	-15.64	-15.06	-15.72	-14.06	-13.57	-7.60	-10.50	-6.90	-20.52	-14.83	-14.21	0.00	-6.84	-4.85	0.00
BOWLINE___2	20.72	15.44	18.34	17.78	15.81	18.37	17.04	14.47	14.96	16.55	17.58	18.02	17.40	16.59	13.87	15.90	16.82	22.23	20.94	20.16	23.74	20.88	17.20	18.87
23595	-0.63	-0.93	-0.61	-0.33	-0.99	-0.42	-0.08	0.23	-0.02	0.05	0.13	0.12	0.18	0.17	0.37	0.31	0.54	0.10	0.36	0.34	1.37	0.77	0.64	0.91
	-32.39	-32.84	-30.59	-24.49	-35.31	-26.92	-18.64	-9.75	-15.34	-15.64	-15.06	-15.72	-14.07	-13.57	-7.60	-10.50	-6.90	-20.52	-14.83	-14.21	0.00	-6.84	-4.85	0.00
BRADY____115KV_TB2	-10.95	-16.21	-11.49	-5.16	-18.09	-6.99	-0.54	5.76	-0.22	0.86	2.37	2.16	3.12	2.82	5.81	5.02	9.26	1.59	5.65	5.52	22.04	13.14	11.61	17.88
356060	0.09	0.15	0.10	0.04	0.15	0.10	0.02	-0.03	0.01	-0.01	-0.02	-0.02	-0.03	-0.03	-0.09	-0.08	-0.11	-0.02	-0.09	-0.09	-0.33	-0.12	-0.10	-0.07
	0.00	-0.10	-0.05	-1.17	-0.27	-1.04	-0.97	-1.30	-0.14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
BRANSCOMB___SOLAR	31.22	26.15	28.25	25.70	27.29	27.05	23.04	17.59	19.89	21.57	22.40	23.05	21.87	20.90	16.18	19.18	18.93	28.81	25.65	24.69	23.59	23.03	18.73	18.88
323811	-0.54	-0.79	-0.54	-0.29	-0.86	-0.39	-0.07	0.22	-0.02	0.04	0.11	0.10	0.14	0.12	0.23	0.21	0.44	0.08	0.30	0.31	1.22	0.73	0.61	0.92
	-42.81	-43.40	-40.43	-32.36	-46.66	-35.58	-24.63	-12.89	-20.27	-20.66	-19.90	-20.77	-18.59	-17.94	-10.05	-13.87	-9.12	-27.12	-19.60	-18.78	0.00	-9.04	-6.41	0.00
BRENTWOD_69_KV_W. BRTWOOD	21.48	15.97	19.01	18.39	16.36	18.94	17.59	14.93	15.45	18.13	18.14	18.58	17.89	17.07	14.24	16.31	17.16	22.95	21.59	20.78	24.52	21.50	17.73	19.40
56703	-0.93	-1.48	-0.95	-0.53	-1.60	-0.74	-0.13	0.38	-0.03	0.08	0.19	0.17	0.21	0.21	0.49	0.37	0.66	0.15	0.53	0.50	2.15	1.17	1.01	1.44
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BRISTLHL_115KV_TB1	-7.39	-12.64	-8.16	-3.64	-14.38	-5.14	0.48	5.42	1.26	2.50	3.92	3.79	4.55	4.21	6.55	6.09	9.87	3.75	7.21	7.03	22.07	13.79	12.01	17.56
79998	0.22	0.35	0.24	0.14	0.40	0.15	0.03	-0.09	0.00	-0.02	-0.06	-0.05	-0.08	-0.07	-0.15	-0.12	-0.23	-0.03	-0.10	-0.08	-0.30	-0.20	-0.21	-0.40
	-3.42	-3.47	-3.23	-2.59	-3.73	-2.84	-1.97	-1.03	-1.62	-1.65	-1.59	-1.66	-1.49	-1.43	-0.80	-1.11	-0.73	-2.17	-1.57	-1.50	0.00	-0.72	-0.51	0.00
BROOKHAVEN___DRP	21.51	16.00	19.02	18.40	16.38	18.94	17.59	14.93	15.45	18.13	18.12	18.57	17.86	17.05	14.20	16.29	17.12	22.95	21.59	20.77	24.45	21.45	17.68	19.28
24191	-0.90	-1.46	-0.93	-0.52	-1.58	-0.74	-0.13	0.38	-0.03	0.08	0.18	0.15	0.19	0.19	0.45	0.35	0.62	0.14	0.52	0.48	2.08	1.12	0.96	1.32
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BROOKLYN_NAVY_YARD	21.70	16.38	19.28	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.10	22.90	21.46	20.66	23.89	21.18	17.46	19.02
23515	-0.71	-1.06	-0.67	-0.37	-1.10	-0.46	-0.08	0.27	-0.02	0.05	0.15	0.14	0.21	0.19	0.42	0.35	0.61	0.11	0.40	0.38	1.52	0.85	0.74	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BROOKLYN___ARMY_DRP	21.64	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
323595	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.62	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

BROOKVLE_69_KV_TB1	21.59	16.19	19.15	18.47	16.62	19.08	17.62	14.87	15.46	18.12	18.12	18.57	17.89	17.08	14.23	16.32	17.18	22.93	21.53	20.73	24.19	21.34	17.61	19.25
55790	-0.83	-1.27	-0.81	-0.45	-1.33	-0.59	-0.11	0.32	-0.03	0.07	0.18	0.16	0.22	0.21	0.47	0.38	0.68	0.12	0.46	0.44	1.82	1.01	0.89	1.29
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BROOME_2_LFGE	0.02	-5.29	-1.18	2.03	-6.48	1.06	4.90	7.91	4.93	6.28	7.61	7.63	8.04	7.56	8.58	8.78	11.84	8.73	10.98	10.62	22.79	15.85	13.53	18.12
323671	-0.12	-0.17	-0.10	-0.05	-0.17	-0.11	-0.02	0.05	-0.01	0.01	0.03	0.03	0.03	0.03	0.06	0.06	0.09	0.03	0.11	0.10	0.42	0.22	0.15	0.15
	-11.19	-11.34	-10.57	-8.46	-12.19	-9.30	-6.44	-3.37	-5.30	-5.40	-5.20	-5.43	-4.86	-4.69	-2.63	-3.62	-2.38	-7.09	-5.12	-4.90	0.00	-2.36	-1.67	0.00
BROOME___LFGE	0.02	-5.29	-1.18	2.03	-6.48	1.06	4.90	7.91	4.93	6.28	7.61	7.63	8.04	7.56	8.58	8.78	11.84	8.73	10.98	10.62	22.79	15.85	13.53	18.12
323600	-0.12	-0.17	-0.10	-0.05	-0.17	-0.11	-0.02	0.05	-0.01	0.01	0.03	0.03	0.03	0.03	0.06	0.06	0.09	0.03	0.11	0.10	0.42	0.22	0.15	0.15
	-11.19	-11.34	-10.57	-8.46	-12.19	-9.30	-6.44	-3.37	-5.30	-5.40	-5.20	-5.43	-4.86	-4.69	-2.63	-3.62	-2.38	-7.09	-5.12	-4.90	0.00	-2.36	-1.67	0.00
BROWNFLS_115KV_TB 3_5	-9.60	-14.68	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.39	2.29	6.10	6.02	22.15	13.50	11.82	17.98
80003	0.32	0.50	0.37	0.18	0.55	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.02
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
BROWNSV1_27_KV_LOAD	21.59	16.23	19.17	18.49	16.69	19.14	17.63	14.85	15.45	17.08	18.12	18.57	17.92	17.08	14.24	16.35	17.21	22.92	21.53	20.73	24.15	21.34	17.59	19.19
356125	-0.81	-1.21	-0.77	-0.43	-1.25	-0.53	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.49	0.41	0.72	0.12	0.47	0.45	1.78	1.02	0.87	1.23
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
BURROWS___LYONSDAL	-9.41	-14.68	-10.06	-4.74	-16.57	-6.40	-0.30	5.40	0.38	1.56	3.06	2.87	3.75	3.44	6.21	5.55	9.66	2.53	6.41	6.32	22.77	13.85	12.06	18.25
23803	0.19	0.29	0.20	0.09	0.27	0.13	0.02	-0.03	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.02	-0.01	0.01	0.01	0.08	0.40	0.28	0.13	0.30
	-1.44	-1.50	-1.38	-1.54	-1.67	-1.60	-1.21	-0.94	-0.73	-0.69	-0.67	-0.70	-0.62	-0.60	-0.34	-0.46	-0.31	-0.91	-0.66	-0.63	0.00	-0.30	-0.21	0.00
CAITHNESS_CC_1	21.54	16.04	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.12	18.56	17.86	17.05	14.20	16.28	17.10	22.94	21.57	20.76	24.40	21.43	17.66	19.26
323624	-0.88	-1.41	-0.90	-0.51	-1.53	-0.72	-0.13	0.37	-0.03	0.07	0.18	0.15	0.19	0.18	0.45	0.34	0.60	0.14	0.51	0.47	2.03	1.10	0.94	1.29
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CALPINE BETH_PAGE_GT4	21.56	16.12	19.11	18.44	16.53	19.02	17.61	14.89	15.45	18.12	18.12	18.57	17.88	17.07	14.21	16.29	17.12	22.93	21.54	20.73	24.27	21.37	17.62	19.31
24209	-0.85	-1.33	-0.85	-0.48	-1.42	-0.65	-0.12	0.34	-0.03	0.07	0.18	0.16	0.20	0.20	0.46	0.34	0.62	0.13	0.47	0.45	1.90	1.04	0.90	1.35
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CALPINE_BETH_PAGE_GT_4	21.56	16.13	19.11	18.44	16.53	19.02	17.61	14.89	15.45	18.12	18.13	18.57	17.88	17.07	14.21	16.29	17.12	22.93	21.54	20.73	24.27	21.37	17.62	19.31
323586	-0.85	-1.33	-0.85	-0.48	-1.42	-0.65	-0.12	0.34	-0.03	0.07	0.19	0.16	0.20	0.20	0.46	0.34	0.62	0.13	0.47	0.45	1.90	1.04	0.90	1.35
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CALPINE_BP_GT1	21.56	16.13	19.11	18.44	16.53	19.02	17.61	14.89	15.45	18.12	18.13	18.57	17.88	17.07	14.21	16.29	17.12	22.93	21.54	20.73	24.27	21.37	17.62	19.31
23823	-0.85	-1.33	-0.85	-0.48	-1.42	-0.65	-0.12	0.34	-0.03	0.07	0.19	0.16	0.20	0.20	0.46	0.34	0.62	0.13	0.47	0.45	1.90	1.04	0.90	1.35
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CALSPAN___DRP	-4.82	-10.05	-5.73	-1.61	-11.71	-3.05	2.07	6.34	2.59	3.87	5.24	5.17	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.08	14.39	12.36	17.38
24200	-0.03	0.08	0.00	0.04	-0.01	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.15	-0.12	-0.33	-0.05	-0.15	-0.09	-0.29	-0.21	-0.30	-0.58
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
CALVERTON___SOLAR	21.48	15.96	18.99	18.38	16.32	18.91	17.59	14.95	15.45	18.13	18.13	18.57	17.87	17.05	14.22	16.30	17.15	22.95	21.61	20.79	24.53	21.50	17.71	19.32
323806	-0.93	-1.50	-0.96	-0.54	-1.64	-0.76	-0.14	0.39	-0.03	0.08	0.19	0.16	0.20	0.19	0.47	0.36	0.64	0.15	0.55	0.50	2.16	1.17	0.99	1.36
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CANDIGU_WT_PWR	-2.58	-7.71	-3.57	0.02	-9.12	-1.20	3.23	6.88	3.52	4.81	6.17	6.14	6.68	6.26	7.77	7.71	10.98	6.80	9.48	9.18	22.28	14.89	12.82	17.65
323617	0.26	0.44	0.32	0.19	0.45	0.11	0.02	-0.08	-0.01	-0.01	-0.03	-0.02	-0.03	-0.02	-0.06	-0.05	-0.14	-0.01	-0.02	-0.03	-0.09	-0.10	-0.13	-0.31
	-8.20	-8.32	-7.75	-6.20	-8.94	-6.82	-4.72	-2.47	-3.88	-3.96	-3.81	-3.98	-3.56	-3.44	-1.92	-2.66	-1.75	-5.20	-3.76	-3.60	0.00	-1.74	-1.23	0.00
CARR STREET_E._SYR	-7.19	-12.47	-7.96	-3.47	-14.20	-4.96	0.63	5.54	1.40	2.64	4.07	3.94	4.70	4.35	6.67	6.22	10.00	3.94	7.39	7.20	22.22	13.94	12.13	17.68
24060	0.14	0.24	0.17	0.10	0.27	0.09	0.02	-0.06	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.10	-0.08	-0.16	-0.02	-0.05	-0.04	-0.15	-0.10	-0.14	-0.28
	-3.71	-3.76	-3.50	-2.80	-4.04	-3.08	-2.13	-1.12	-1.76	-1.79	-1.73	-1.80	-1.61	-1.56	-0.87	-1.20	-0.79	-2.35	-1.70	-1.63	0.00	-0.78	-0.56	0.00
CARTHAGE___PAPER	-8.73	-13.88	-9.37	-3.97	-15.67	-5.58	0.26	5.84	0.66	1.81	3.27	3.10	3.93	3.62	6.24	5.64	9.64	2.84	6.59	6.56	22.81	14.01	12.15	18.30
23857	0.34	0.52	0.38	0.18	0.53	0.25	0.03	-0.07	0.00	-0.01	-0.03	-0.04	-0.07	-0.05	-0.12	-0.10	-0.15	-0.02	-0.05	0.09	0.45	0.33	0.14	0.34
	-1.97	-2.06	-1.89	-2.23	-2.32	-2.30	-1.75	-1.42	-1.02	-0.95	-0.92	-0.95	-0.86	-0.83	-0.46	-0.64	-0.42	-1.25	-0.90	-0.86	0.00	-0.42	-0.30	0.00

CASSADAGA_WT_PWR	-4.49	-9.63	-5.41	-1.32	-11.04	-2.71	2.23	6.43	2.71	4.01	5.41	5.34	5.98	5.57	7.39	7.16	10.54	5.71	8.66	8.54	22.48	14.67	12.60	17.69
323784	0.04	0.24	0.09	0.14	0.38	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	-0.04	-0.05	-0.22	-0.02	-0.06	0.03	0.11	0.00	-0.11	-0.26
	-6.51	-6.60	-6.15	-4.92	-7.09	-5.41	-3.74	-1.96	-3.08	-3.14	-3.02	-3.16	-2.83	-2.73	-1.53	-2.11	-1.39	-4.12	-2.98	-2.90	0.00	-1.40	-1.00	0.00
CE_DUNWOOD___DRP	21.67	16.39	19.24	18.51	16.83	19.17	17.61	14.78	15.42	17.03	18.05	18.51	17.84	17.01	14.13	16.25	17.06	22.86	21.41	20.62	23.82	21.14	17.40	18.95
24194	-0.66	-0.99	-0.64	-0.36	-1.04	-0.44	-0.08	0.25	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.33	0.58	0.10	0.38	0.37	1.45	0.83	0.69	0.99
	-33.38	-33.85	-31.53	-25.24	-36.38	-27.74	-19.21	-10.05	-15.81	-16.11	-15.52	-16.20	-14.49	-13.99	-7.83	-10.82	-7.12	-21.14	-15.29	-14.64	0.00	-7.05	-5.00	0.00
CE_MILLWOOD___DRP	21.78	16.50	19.34	18.59	16.96	19.25	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.79	21.14	17.40	18.92
24193	-0.65	-0.97	-0.63	-0.34	-1.01	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.18	0.39	0.32	0.56	0.10	0.37	0.36	1.42	0.80	0.68	0.96
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
CE_NYC2_DRP	21.64	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
24202	-0.76	-1.14	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.22	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CE_NYC_DRP	21.69	16.37	19.26	18.54	16.83	19.20	17.64	14.82	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.47	20.68	23.93	21.21	17.48	19.03
24195	-0.72	-1.08	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CHAFFEE___LFGE	-4.62	-9.86	-5.55	-1.47	-11.50	-2.90	2.17	6.40	2.68	3.96	5.33	5.26	5.89	5.49	7.28	7.08	10.45	5.65	8.57	8.38	22.16	14.47	12.42	17.42
323603	-0.01	0.08	0.01	0.04	-0.01	-0.12	-0.01	-0.02	-0.01	-0.02	-0.05	-0.04	-0.05	-0.05	-0.14	-0.10	-0.29	-0.04	-0.12	-0.07	-0.21	-0.16	-0.26	-0.54
	-6.44	-6.53	-6.08	-4.87	-7.02	-5.35	-3.70	-1.94	-3.05	-3.11	-2.99	-3.12	-2.80	-2.70	-1.51	-2.09	-1.37	-4.08	-2.95	-2.84	0.00	-1.37	-0.97	0.00
CHATEAUG_35_KV_LOAD	-10.86	-17.27	-11.74	-22.11	-21.46	-21.98	-14.76	-13.67	-2.24	0.86	2.34	2.14	3.13	2.81	5.82	5.01	9.37	1.61	5.68	5.57	22.29	13.28	11.73	18.07
355732	0.18	0.64	0.58	0.34	0.81	0.49	0.09	-0.23	0.02	-0.01	-0.05	-0.04	-0.02	-0.03	-0.08	-0.08	0.00	-0.01	-0.07	-0.04	-0.08	0.02	0.02	0.11
	0.00	1.45	0.67	16.07	3.76	14.34	13.33	17.92	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHATEAUG_WT_PWR	-10.85	-17.12	-11.66	-21.00	-21.16	-20.98	-13.85	-12.46	-2.11	0.86	2.34	2.14	3.13	2.82	5.83	5.02	9.39	1.62	5.69	5.59	22.33	13.31	11.75	18.08
323614	0.19	0.70	0.61	0.36	0.86	0.51	0.09	-0.24	0.02	-0.01	-0.05	-0.04	-0.01	-0.02	-0.08	-0.08	0.02	0.00	-0.05	-0.03	-0.04	0.05	0.03	0.13
	0.00	1.35	0.63	14.98	3.51	13.37	12.42	16.70	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHAT_HIGH_FALL_HYD	-10.85	-17.25	-11.73	-22.11	-21.46	-21.98	-14.76	-13.67	-2.24	0.86	2.34	2.14	3.13	2.82	5.82	5.01	9.37	1.61	5.68	5.57	22.29	13.28	11.73	18.07
323578	0.19	0.67	0.58	0.34	0.81	0.49	0.09	-0.23	0.02	-0.01	-0.05	-0.04	-0.02	-0.03	-0.08	-0.09	0.00	-0.01	-0.07	-0.04	-0.08	0.02	0.02	0.11
	0.00	1.45	0.67	16.07	3.76	14.34	13.33	17.92	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CHAUTAUQUA___LFGE	-4.69	-9.90	-5.61	-1.49	-11.46	-2.91	2.14	6.38	2.65	3.93	5.32	5.24	5.88	5.48	7.29	7.07	10.44	5.61	8.55	8.46	22.38	14.61	12.54	17.61
323629	-0.02	0.10	0.01	0.07	0.10	-0.08	-0.01	-0.02	-0.01	-0.01	-0.03	-0.03	-0.03	-0.04	-0.11	-0.09	-0.29	-0.04	-0.11	-0.01	0.02	-0.04	-0.15	-0.35
	-6.37	-6.46	-6.02	-4.82	-6.95	-5.30	-3.67	-1.92	-3.02	-3.08	-2.96	-3.09	-2.77	-2.67	-1.50	-2.07	-1.36	-4.04	-2.92	-2.86	0.00	-1.39	-0.98	0.00
CHERRYST_13_KV_LD	21.66	16.33	19.23	18.52	16.79	19.18	17.64	14.83	15.45	17.07	18.10	18.56	17.90	17.07	14.20	16.32	17.16	22.91	21.49	20.69	24.00	21.24	17.51	19.07
356241	-0.75	-1.12	-0.72	-0.39	-1.16	-0.49	-0.09	0.28	-0.03	0.06	0.17	0.15	0.22	0.21	0.45	0.38	0.66	0.11	0.43	0.41	1.62	0.91	0.78	1.11
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CHESTROR_138KV_BK263	19.34	14.07	17.04	16.72	14.35	17.22	16.22	14.00	14.27	15.84	16.89	17.30	16.74	15.96	13.48	15.39	16.43	21.30	20.23	19.49	23.58	20.49	16.92	18.76
355645	-0.56	-0.83	-0.54	-0.29	-0.86	-0.37	-0.07	0.20	-0.02	0.04	0.12	0.11	0.16	0.15	0.32	0.27	0.46	0.08	0.32	0.30	1.21	0.69	0.57	0.80
	-30.94	-31.37	-29.22	-23.39	-33.72	-25.72	-17.80	-9.31	-14.65	-14.93	-14.38	-15.01	-13.44	-12.97	-7.26	-10.02	-6.59	-19.60	-14.17	-13.57	0.00	-6.54	-4.63	0.00
CH_MIDHUDSON___DRP	22.28	17.02	19.80	18.95	17.50	19.65	17.93	14.93	15.69	17.30	18.30	18.77	18.06	17.23	14.22	16.40	17.13	23.20	21.64	20.84	23.74	21.21	17.44	18.88
24192	-0.61	-0.92	-0.61	-0.33	-0.98	-0.42	-0.08	0.23	-0.02	0.04	0.13	0.12	0.18	0.16	0.36	0.30	0.53	0.09	0.36	0.34	1.37	0.78	0.65	0.92
	-33.94	-34.41	-32.05	-25.66	-36.99	-28.20	-19.52	-10.22	-16.07	-16.38	-15.78	-16.46	-14.74	-14.22	-7.96	-11.00	-7.23	-21.50	-15.54	-14.88	0.00	-7.17	-5.08	0.00
CH_MISC_IPPS	21.57	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.48	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23765	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
CH_RES_BVR_FALLS	-30.04	-30.59	-11.14	-6.13	-17.74	-7.75	-1.46	4.34	-0.35	0.85	2.34	2.14	3.09	2.81	5.83	5.03	9.25	1.59	5.61	5.50	21.94	13.02	11.47	17.68
23983	0.54	0.82	0.50	0.25	0.77	0.38	0.06	-0.14	0.01	-0.02	-0.05	-0.04	-0.06	-0.04	-0.07	-0.07	-0.12	-0.02	-0.13	-0.11	-0.43	-0.24	-0.24	-0.27
	19.54	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

CH_RES_NIAGARA	-5.11	-10.28	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.72
23895	0.13	0.30	0.15	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.72	-0.73	-1.24
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
CH_RES_SYRACUSE	-6.84	-12.15	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
23985	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
CLINTON_WT_PWR	-10.85	-17.12	-11.66	-21.00	-21.16	-20.98	-13.85	-12.46	-2.11	0.86	2.34	2.14	3.13	2.82	5.83	5.02	9.39	1.62	5.69	5.59	22.33	13.31	11.75	18.08
323605	0.19	0.70	0.61	0.36	0.86	0.51	0.09	-0.24	0.02	-0.01	-0.05	-0.04	-0.01	-0.02	-0.08	-0.08	0.02	0.00	-0.05	-0.03	-0.04	0.05	0.03	0.13
	0.00	1.35	0.63	14.98	3.51	13.37	12.42	16.70	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
CLINTON___LFGE	-10.99	-17.32	-11.79	-21.34	-21.40	-21.32	-14.11	-12.74	-2.15	0.87	2.36	2.16	3.16	2.84	5.87	5.06	9.47	1.64	5.76	5.65	22.60	13.46	11.86	18.25
323618	0.05	0.53	0.49	0.30	0.69	0.43	0.07	-0.20	0.02	0.00	-0.03	-0.02	0.01	0.00	-0.04	-0.04	0.10	0.03	0.01	0.04	0.23	0.20	0.15	0.29
	0.00	1.38	0.64	15.26	3.58	13.62	12.66	17.02	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
COBBLENY_34_KV_TB1	-4.61	-9.85	-5.54	-1.47	-11.50	-2.90	2.17	6.40	2.68	3.96	5.33	5.26	5.89	5.49	7.28	7.08	10.45	5.65	8.57	8.39	22.16	14.47	12.42	17.43
80064	-0.01	0.09	0.02	0.04	-0.01	-0.12	-0.01	-0.02	-0.01	-0.02	-0.05	-0.04	-0.05	-0.05	-0.13	-0.10	-0.29	-0.05	-0.12	-0.06	-0.21	-0.16	-0.26	-0.53
	-6.44	-6.53	-6.08	-4.87	-7.02	-5.35	-3.70	-1.94	-3.05	-3.11	-2.99	-3.12	-2.80	-2.70	-1.51	-2.09	-1.37	-4.08	-2.95	-2.84	0.00	-1.37	-0.97	0.00
COFFEEN__115KV_TB3	-8.49	-13.66	-9.14	-3.89	-15.42	-5.49	0.32	5.79	0.78	1.94	3.39	3.22	4.04	3.73	6.29	5.72	9.67	3.02	6.74	6.72	22.97	14.15	12.23	18.34
355620	0.30	0.47	0.35	0.17	0.50	0.22	0.03	-0.05	0.00	-0.01	-0.04	-0.05	-0.08	-0.06	-0.14	-0.11	-0.18	-0.02	-0.03	0.13	0.61	0.41	0.18	0.38
	-2.25	-2.33	-2.15	-2.32	-2.59	-2.42	-1.80	-1.36	-1.14	-1.08	-1.04	-1.09	-0.97	-0.94	-0.53	-0.73	-0.48	-1.42	-1.03	-0.98	0.00	-0.47	-0.34	0.00
COLDSPRG_115KV_BK1	-4.63	-9.96	-5.57	-1.39	-11.52	-2.82	2.30	6.62	2.80	4.13	5.56	5.48	6.13	5.71	7.56	7.35	10.86	5.88	8.90	8.72	22.98	15.01	12.90	18.13
355956	-0.30	-0.30	-0.27	-0.09	-0.33	-0.27	-0.04	0.11	-0.02	0.02	0.05	0.04	0.07	0.05	0.09	0.07	0.05	0.02	0.08	0.14	0.62	0.31	0.17	0.17
	-6.71	-6.81	-6.34	-5.07	-7.32	-5.58	-3.86	-2.02	-3.18	-3.24	-3.12	-3.26	-2.92	-2.81	-1.57	-2.18	-1.43	-4.25	-3.07	-2.97	0.00	-1.44	-1.02	0.00
COLONIE_LFGE__	30.65	25.61	27.69	25.23	26.68	26.55	22.65	17.33	19.57	21.23	22.05	22.70	21.55	20.60	15.99	18.92	18.70	28.34	25.24	24.30	23.21	22.68	18.49	18.68
323577	-0.42	-0.62	-0.44	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.10	0.20	0.18	0.35	0.06	0.21	0.22	0.84	0.52	0.47	0.72
	-42.11	-42.70	-39.77	-31.84	-45.90	-35.00	-24.23	-12.68	-19.94	-20.33	-19.58	-20.43	-18.29	-17.65	-9.88	-13.64	-8.98	-26.67	-19.28	-18.47	0.00	-8.90	-6.31	0.00
COOPERNY_115KV_TB1	13.79	8.53	11.81	12.49	8.37	12.57	12.95	12.23	11.58	13.08	14.21	14.51	14.22	13.53	12.06	13.47	15.08	17.66	17.54	16.91	23.26	19.10	15.91	18.53
80082	-0.40	-0.60	-0.39	-0.21	-0.63	-0.27	-0.05	0.15	-0.01	0.03	0.09	0.08	0.11	0.10	0.23	0.19	0.33	0.06	0.23	0.22	0.89	0.50	0.41	0.57
	-25.24	-25.59	-23.83	-19.08	-27.51	-20.97	-14.52	-7.60	-11.95	-12.18	-11.73	-12.25	-10.96	-10.58	-5.92	-8.18	-5.38	-15.99	-11.56	-11.07	0.00	-5.33	-3.78	0.00
COPENHAGEN_WT_PWR	-8.20	-13.27	-8.85	-3.75	-15.00	-5.30	0.36	5.70	0.82	1.97	3.41	3.25	4.06	3.75	6.30	5.73	9.66	3.05	6.71	6.69	22.69	14.00	12.10	18.16
323753	0.52	0.79	0.57	0.29	0.85	0.38	0.06	-0.14	0.01	-0.02	-0.05	-0.06	-0.09	-0.06	-0.15	-0.12	-0.21	-0.03	-0.10	0.06	0.33	0.25	0.04	0.20
	-2.32	-2.40	-2.22	-2.34	-2.67	-2.45	-1.82	-1.35	-1.17	-1.12	-1.08	-1.13	-1.01	-0.97	-0.54	-0.75	-0.50	-1.47	-1.06	-1.02	0.00	-0.49	-0.35	0.00
CORNELL____	-3.22	-8.58	-4.24	-0.41	-10.02	-1.63	3.04	6.95	3.41	4.72	6.11	6.06	6.62	6.19	7.79	7.70	11.13	6.69	9.52	9.25	22.97	15.28	13.13	18.22
23752	-0.14	-0.19	-0.12	-0.06	-0.19	-0.12	-0.02	0.07	-0.01	0.00	0.02	0.01	0.01	0.01	0.02	0.02	0.06	0.03	0.13	0.14	0.60	0.33	0.23	0.26
	-7.97	-8.08	-7.53	-6.03	-8.69	-6.62	-4.59	-2.40	-3.77	-3.85	-3.70	-3.87	-3.46	-3.34	-1.87	-2.58	-1.70	-5.05	-3.65	-3.49	0.00	-1.68	-1.19	0.00
CORONAAV_69_KV_TB1	21.58	16.17	19.12	18.45	16.55	19.04	17.62	14.89	15.45	18.12	18.12	18.57	17.88	17.07	14.21	16.31	17.16	22.94	21.55	20.74	24.26	21.36	17.62	19.29
355595	-0.83	-1.29	-0.83	-0.47	-1.41	-0.64	-0.11	0.33	-0.03	0.07	0.18	0.16	0.21	0.20	0.46	0.37	0.66	0.13	0.48	0.46	1.89	1.03	0.90	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
CORTLAND_115KV_TB3	-4.53	-9.87	-5.47	-1.42	-11.42	-2.72	2.26	6.50	2.75	4.05	5.46	5.39	6.01	5.61	7.45	7.25	10.80	5.81	8.84	8.59	22.76	14.87	12.83	18.09
80093	-0.07	-0.09	-0.05	-0.02	-0.09	-0.07	-0.01	0.04	-0.01	0.00	0.01	0.01	0.00	0.00	0.01	0.01	0.02	0.02	0.08	0.09	0.40	0.21	0.13	0.13
	-6.59	-6.68	-6.22	-4.98	-7.18	-5.48	-3.79	-1.98	-3.12	-3.18	-3.06	-3.20	-2.86	-2.76	-1.55	-2.14	-1.41	-4.17	-3.02	-2.89	0.00	-1.39	-0.99	0.00
COXSACKIE___GT	27.19	21.94	24.39	22.68	22.73	23.71	20.81	16.56	18.08	19.76	20.69	21.25	20.26	19.35	15.37	18.00	18.20	26.43	24.00	23.15	24.22	22.60	18.50	19.34
23611	-0.78	-1.15	-0.81	-0.44	-1.27	-0.58	-0.11	0.33	-0.03	0.06	0.17	0.14	0.17	0.16	0.31	0.26	0.51	0.11	0.39	0.43	1.85	1.10	0.95	1.38
	-39.01	-39.55	-36.84	-29.49	-42.52	-32.42	-22.44	-11.74	-18.47	-18.83	-18.13	-18.93	-16.94	-16.35	-9.15	-12.64	-8.31	-24.71	-17.86	-17.11	0.00	-8.24	-5.84	0.00
CPV_VALLEY___CC1	17.42	12.17	15.23	15.25	12.29	15.60	15.06	13.36	13.32	14.86	15.93	16.30	15.84	15.08	12.96	14.70	15.92	20.00	19.25	18.55	23.38	19.94	16.51	18.62
323721	-0.46	-0.68	-0.44	-0.24	-0.71	-0.30	-0.05	0.17	-0.02	0.03	0.10	0.09	0.13	0.12	0.28	0.23	0.39	0.07	0.27	0.25	1.01	0.57	0.47	0.66
	-28.92	-29.32	-27.31	-21.86	-31.52	-24.03	-16.64	-8.71	-13.69	-13.96	-13.44	-14.03	-12.56	-12.12	-6.78	-9.37	-6.16	-18.32	-13.24	-12.68	0.00	-6.11	-4.33	0.00

CPV_VALLEY___CC2	17.42	12.17	15.23	15.25	12.29	15.60	15.06	13.36	13.32	14.86	15.93	16.30	15.84	15.08	12.96	14.70	15.92	20.00	19.25	18.55	23.38	19.94	16.51	18.62
323722	-0.46	-0.68	-0.44	-0.24	-0.71	-0.30	-0.05	0.17	-0.02	0.03	0.10	0.09	0.13	0.12	0.28	0.23	0.39	0.07	0.27	0.25	1.01	0.57	0.47	0.66
	-28.92	-29.32	-27.31	-21.86	-31.52	-24.03	-16.64	-8.71	-13.69	-13.96	-13.44	-14.03	-12.56	-12.12	-6.78	-9.37	-6.16	-18.32	-13.24	-12.68	0.00	-6.11	-4.33	0.00
CRESCENT___HYD	30.65	25.61	27.69	25.23	26.68	26.55	22.65	17.33	19.57	21.23	22.05	22.70	21.55	20.60	15.99	18.92	18.70	28.34	25.24	24.30	23.21	22.68	18.49	18.68
24018	-0.42	-0.62	-0.44	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.10	0.20	0.18	0.35	0.06	0.21	0.22	0.84	0.52	0.47	0.72
	-42.11	-42.70	-39.77	-31.84	-45.90	-35.00	-24.23	-12.68	-19.94	-20.33	-19.58	-20.43	-18.29	-17.65	-9.88	-13.64	-8.98	-26.67	-19.28	-18.47	0.00	-8.90	-6.31	0.00
CRICKET___VALLEY_CC1	23.83	18.65	21.27	20.09	19.23	20.92	18.77	15.32	16.37	17.97	18.93	19.43	18.64	17.79	14.48	16.80	17.31	24.08	22.21	21.38	23.40	21.32	17.50	18.64
323756	-0.49	-0.74	-0.49	-0.27	-0.80	-0.33	-0.06	0.19	-0.02	0.04	0.11	0.10	0.14	0.13	0.28	0.24	0.40	0.07	0.27	0.26	1.03	0.58	0.49	0.68
	-35.36	-35.85	-33.39	-26.73	-38.54	-29.39	-20.34	-10.64	-16.74	-17.07	-16.44	-17.16	-15.36	-14.82	-8.30	-11.46	-7.54	-22.40	-16.19	-15.51	0.00	-7.47	-5.29	0.00
CRICKET___VALLEY_CC2	23.83	18.65	21.27	20.09	19.23	20.92	18.77	15.32	16.37	17.97	18.93	19.43	18.64	17.79	14.48	16.80	17.31	24.08	22.21	21.38	23.40	21.32	17.50	18.64
323757	-0.49	-0.74	-0.49	-0.27	-0.80	-0.33	-0.06	0.19	-0.02	0.04	0.11	0.10	0.14	0.13	0.28	0.24	0.40	0.07	0.27	0.26	1.03	0.58	0.49	0.68
	-35.36	-35.85	-33.39	-26.73	-38.54	-29.39	-20.34	-10.64	-16.74	-17.07	-16.44	-17.16	-15.36	-14.82	-8.30	-11.46	-7.54	-22.40	-16.19	-15.51	0.00	-7.47	-5.29	0.00
CRICKET___VALLEY_CC3	23.83	18.65	21.27	20.09	19.23	20.92	18.77	15.32	16.37	17.97	18.93	19.43	18.64	17.79	14.48	16.80	17.31	24.08	22.21	21.38	23.40	21.32	17.50	18.64
323758	-0.49	-0.74	-0.49	-0.27	-0.80	-0.33	-0.06	0.19	-0.02	0.04	0.11	0.10	0.14	0.13	0.28	0.24	0.40	0.07	0.27	0.26	1.03	0.58	0.49	0.68
	-35.36	-35.85	-33.39	-26.73	-38.54	-29.39	-20.34	-10.64	-16.74	-17.07	-16.44	-17.16	-15.36	-14.82	-8.30	-11.46	-7.54	-22.40	-16.19	-15.51	0.00	-7.47	-5.29	0.00
CRUCIBLE_METL_DRP	-6.85	-12.14	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
24180	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
DAHOWA___HYDRO	31.32	26.23	28.34	25.78	27.39	27.14	23.10	17.64	19.95	21.64	22.46	23.11	21.94	20.96	16.22	19.24	18.99	28.89	25.73	24.77	23.69	23.11	18.79	18.93
323763	-0.57	-0.83	-0.57	-0.30	-0.90	-0.41	-0.08	0.23	-0.02	0.04	0.11	0.10	0.15	0.13	0.25	0.23	0.47	0.08	0.32	0.33	1.32	0.78	0.65	0.97
	-42.93	-43.53	-40.55	-32.46	-46.80	-35.68	-24.70	-12.92	-20.33	-20.72	-19.96	-20.83	-18.64	-17.99	-10.07	-13.91	-9.15	-27.19	-19.66	-18.83	0.00	-9.07	-6.43	0.00
DANC___LFGE	-7.92	-13.05	-8.60	-3.68	-14.77	-5.22	0.43	5.64	0.98	2.16	3.60	3.44	4.24	3.91	6.39	5.85	9.73	3.31	6.88	6.81	22.43	13.91	12.06	17.92
323619	0.40	0.62	0.45	0.23	0.68	0.29	0.05	-0.12	0.01	-0.02	-0.06	-0.06	-0.09	-0.07	-0.15	-0.13	-0.22	-0.03	-0.11	0.00	0.06	0.07	-0.06	-0.04
	-2.72	-2.80	-2.59	-2.46	-3.06	-2.62	-1.90	-1.27	-1.34	-1.32	-1.27	-1.32	-1.18	-1.14	-0.64	-0.88	-0.58	-1.72	-1.25	-1.20	0.00	-0.58	-0.41	0.00
DANSKAMMER___1	21.57	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.48	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23586	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
DANSKAMMER___2	21.57	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.48	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23589	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
DANSKAMMER___3	21.57	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.48	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23590	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
DANSKAMMER___4	21.57	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.48	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23591	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
DANSKAMMER___DIESEL	21.58	16.28	19.15	18.44	16.71	19.08	17.56	14.77	15.39	17.00	18.02	18.47	17.80	16.98	14.11	16.23	17.06	22.81	21.40	20.61	23.92	21.18	17.43	18.99
23592	-0.69	-1.02	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.10	0.40	0.39	1.55	0.88	0.73	1.02
	-33.30	-33.77	-31.45	-25.18	-36.30	-27.68	-19.16	-10.03	-15.77	-16.08	-15.48	-16.16	-14.46	-13.96	-7.82	-10.79	-7.10	-21.10	-15.25	-14.61	0.00	-7.04	-4.99	0.00
DARBY___SOLAR	31.22	26.14	28.24	25.70	27.28	27.05	23.04	17.59	19.89	21.58	22.40	23.06	21.88	20.91	16.20	19.20	18.96	28.81	25.66	24.70	23.61	23.05	18.75	18.89
323810	-0.55	-0.80	-0.55	-0.29	-0.87	-0.40	-0.07	0.22	-0.02	0.04	0.11	0.10	0.14	0.12	0.25	0.23	0.46	0.08	0.31	0.31	1.24	0.74	0.62	0.93
	-42.82	-43.41	-40.43	-32.37	-46.67	-35.58	-24.63	-12.89	-20.27	-20.67	-19.90	-20.77	-18.59	-17.94	-10.05	-13.87	-9.13	-27.12	-19.61	-18.78	0.00	-9.05	-6.41	0.00
DASHVILLE___HYD	22.31	17.08	19.86	18.97	17.59	19.69	17.93	14.91	15.68	17.28	18.27	18.75	18.04	17.21	14.20	16.38	17.10	23.18	21.62	20.81	23.73	21.17	17.39	18.80
23610	-0.56	-0.84	-0.53	-0.30	-0.87	-0.37	-0.06	0.22	-0.02	0.04	0.12	0.11	0.16	0.15	0.35	0.29	0.50	0.09	0.34	0.32	1.36	0.74	0.59	0.84
	-33.91	-34.38	-32.03	-25.64	-36.96	-28.18	-19.51	-10.21	-16.06	-16.37	-15.77	-16.45	-14.73	-14.21	-7.96	-10.99	-7.23	-21.48	-15.53	-14.87	0.00	-7.17	-5.08	0.00

DEERFILD_69_KV_DEERFILD LD	21.21	15.57	18.72	18.23	15.89	18.73	17.55	15.05	15.44	18.15	18.19	18.62	17.95	17.12	14.35	16.42	17.38	22.99	21.77	20.94	25.14	21.85	17.99	19.71
355887	-1.21	-1.89	-1.24	-0.69	-2.06	-0.95	-0.18	0.50	-0.04	0.10	0.25	0.21	0.27	0.26	0.60	0.48	0.88	0.19	0.70	0.66	2.77	1.52	1.27	1.75
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
DELAWARE___LFGE	2.63	-2.74	1.24	4.02	-3.80	3.25	6.48	8.82	6.25	7.64	8.96	9.03	9.31	8.78	9.35	9.78	12.61	10.52	12.34	11.93	23.15	16.66	14.16	18.44
323621	-0.31	-0.45	-0.32	-0.18	-0.53	-0.24	-0.04	0.13	-0.01	0.02	0.07	0.06	0.09	0.08	0.17	0.15	0.26	0.05	0.20	0.20	0.78	0.45	0.36	0.48
	-13.98	-14.17	-13.20	-10.57	-15.24	-11.62	-8.04	-4.21	-6.62	-6.75	-6.50	-6.79	-6.07	-5.86	-3.28	-4.53	-2.98	-8.86	-6.40	-6.13	0.00	-2.95	-2.09	0.00
DERFIELD_115KV_TB7	-11.04	-16.45	-11.64	-6.37	-18.52	-8.14	-1.52	4.49	-0.36	0.87	2.39	2.18	3.15	2.85	5.91	5.10	9.38	1.62	5.76	5.63	22.44	13.30	11.74	17.98
355931	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.07	0.04	0.02	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DOGLEVILLE___HYD	-11.00	-16.34	-11.59	-6.34	-18.43	-8.11	-1.51	4.45	-0.36	0.87	2.39	2.18	3.12	2.81	5.82	5.03	9.30	1.62	5.77	5.64	22.47	13.36	11.76	18.00
23807	0.04	0.13	0.05	0.04	0.08	0.02	0.01	-0.04	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.08	-0.07	-0.07	0.00	0.02	0.03	0.10	0.09	0.05	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
DUNKIRK__115KV_TB_200	-4.71	-9.92	-5.62	-1.51	-11.51	-2.94	2.13	6.38	2.64	3.92	5.31	5.24	5.87	5.47	7.28	7.06	10.42	5.60	8.54	8.45	22.37	14.60	12.54	17.60
55889	-0.03	0.10	0.01	0.05	0.07	-0.10	-0.01	-0.02	-0.01	-0.02	-0.04	-0.03	-0.04	-0.04	-0.11	-0.10	-0.31	-0.04	-0.12	-0.02	0.00	-0.04	-0.16	-0.36
	-6.36	-6.45	-6.01	-4.81	-6.93	-5.29	-3.66	-1.92	-3.01	-3.07	-2.96	-3.09	-2.76	-2.67	-1.49	-2.06	-1.36	-4.03	-2.92	-2.86	0.00	-1.38	-0.98	0.00
DUNKIRK___1	-4.71	-9.92	-5.62	-1.51	-11.51	-2.94	2.13	6.38	2.64	3.92	5.31	5.24	5.87	5.47	7.28	7.06	10.42	5.60	8.54	8.45	22.37	14.60	12.54	17.60
23563	-0.03	0.10	0.01	0.05	0.07	-0.10	-0.01	-0.02	-0.01	-0.02	-0.04	-0.03	-0.04	-0.04	-0.11	-0.10	-0.31	-0.04	-0.12	-0.02	0.00	-0.04	-0.16	-0.36
	-6.36	-6.45	-6.01	-4.81	-6.93	-5.29	-3.66	-1.92	-3.01	-3.07	-2.96	-3.09	-2.76	-2.67	-1.49	-2.06	-1.36	-4.03	-2.92	-2.86	0.00	-1.38	-0.98	0.00
DUNKIRK___2	-4.71	-9.92	-5.62	-1.51	-11.51	-2.94	2.13	6.38	2.64	3.92	5.31	5.24	5.87	5.47	7.28	7.06	10.42	5.60	8.54	8.45	22.37	14.60	12.54	17.60
23564	-0.03	0.10	0.01	0.05	0.07	-0.10	-0.01	-0.02	-0.01	-0.02	-0.04	-0.03	-0.04	-0.04	-0.11	-0.10	-0.31	-0.04	-0.12	-0.02	0.00	-0.04	-0.16	-0.36
	-6.36	-6.45	-6.01	-4.81	-6.93	-5.29	-3.66	-1.92	-3.01	-3.07	-2.96	-3.09	-2.76	-2.67	-1.49	-2.06	-1.36	-4.03	-2.92	-2.86	0.00	-1.38	-0.98	0.00
DUNKIRK___3	-4.79	-10.01	-5.71	-1.58	-11.63	-3.01	2.09	6.36	2.61	3.89	5.27	5.19	5.83	5.43	7.26	7.03	10.41	5.55	8.50	8.42	22.34	14.57	12.52	17.59
23565	-0.04	0.08	-0.01	0.04	0.03	-0.11	-0.01	-0.02	-0.01	-0.02	-0.04	-0.04	-0.04	-0.05	-0.12	-0.10	-0.30	-0.04	-0.12	-0.02	-0.03	-0.06	-0.17	-0.37
	-6.29	-6.37	-5.94	-4.75	-6.85	-5.23	-3.62	-1.89	-2.98	-3.03	-2.92	-3.05	-2.73	-2.63	-1.47	-2.04	-1.34	-3.98	-2.88	-2.83	0.00	-1.37	-0.97	0.00
DUNKIRK___4	-4.79	-10.01	-5.71	-1.58	-11.63	-3.01	2.09	6.36	2.61	3.89	5.27	5.19	5.83	5.43	7.26	7.03	10.41	5.55	8.50	8.42	22.34	14.57	12.52	17.59
23566	-0.04	0.08	-0.01	0.04	0.03	-0.11	-0.01	-0.02	-0.01	-0.02	-0.04	-0.04	-0.04	-0.05	-0.12	-0.10	-0.30	-0.04	-0.12	-0.02	-0.03	-0.06	-0.17	-0.37
	-6.29	-6.37	-5.94	-4.75	-6.85	-5.23	-3.62	-1.89	-2.98	-3.03	-2.92	-3.05	-2.73	-2.63	-1.47	-2.04	-1.34	-3.98	-2.88	-2.83	0.00	-1.37	-0.97	0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I	21.73	16.44	19.30	18.55	16.89	19.22	17.65	14.81	15.46	17.07	18.09	18.55	17.87	17.05	14.16	16.28	17.10	22.90	21.46	20.66	23.88	21.18	17.44	18.99
345000	-0.68	-1.02	-0.65	-0.36	-1.06	-0.45	-0.08	0.25	-0.02	0.05	0.15	0.14	0.20	0.19	0.41	0.34	0.60	0.10	0.39	0.38	1.50	0.85	0.72	1.02
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.25	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G	20.63	15.36	18.26	17.71	15.72	18.29	16.98	14.43	14.91	16.50	17.52	17.96	17.34	16.53	13.83	15.86	16.77	22.15	20.89	20.11	23.74	20.86	17.19	18.86
345009	-0.61	-0.91	-0.59	-0.32	-0.96	-0.41	-0.07	0.23	-0.02	0.04	0.13	0.12	0.17	0.16	0.35	0.30	0.52	0.09	0.36	0.34	1.37	0.78	0.64	0.90
	-32.28	-32.73	-30.49	-24.41	-35.19	-26.83	-18.58	-9.72	-15.29	-15.58	-15.01	-15.66	-14.02	-13.53	-7.58	-10.46	-6.88	-20.45	-14.78	-14.16	0.00	-6.82	-4.83	0.00
E179THST_138_KV_TB4_REV_LBMP_J	21.62	16.27	19.17	18.49	16.71	19.15	17.63	14.86	15.45	17.07	18.11	18.57	17.89	17.06	14.18	16.30	17.12	22.91	21.48	20.68	23.95	21.21	17.49	19.05
345001	-0.78	-1.18	-0.78	-0.42	-1.23	-0.52	-0.09	0.31	-0.03	0.06	0.17	0.16	0.22	0.20	0.44	0.36	0.62	0.11	0.42	0.40	1.58	0.88	0.76	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
E179THST_13_KV_LOAD	21.58	16.21	19.13	18.47	16.65	19.12	17.63	14.87	15.45	17.07	18.12	18.58	17.91	17.08	14.21	16.32	17.16	22.92	21.51	20.70	24.04	21.27	17.53	19.13
356214	-0.83	-1.24	-0.82	-0.45	-1.30	-0.55	-0.09	0.32	-0.03	0.06	0.18	0.16	0.24	0.21	0.46	0.38	0.67	0.12	0.45	0.42	1.67	0.94	0.81	1.16
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EAST HAMPTON___GT	21.08	15.38	18.59	18.15	15.66	18.62	17.53	15.11	15.44	18.16	18.22	18.65	17.98	17.15	14.41	16.47	17.49	23.01	21.84	21.01	25.42	22.01	18.14	19.92
23717	-1.33	-2.07	-1.37	-0.77	-2.29	-1.06	-0.20	0.56	-0.05	0.11	0.28	0.24	0.31	0.28	0.66	0.54	0.99	0.21	0.77	0.72	3.05	1.68	1.41	1.96
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EAST RIVER___6	21.66	16.36	19.26	18.54	16.85	19.21	17.65	14.82	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.48	20.68	23.91	21.20	17.46	18.99
23660	-0.74	-1.09	-0.69	-0.37	-1.10	-0.46	-0.08	0.27	-0.03	0.05	0.16	0.15	0.22	0.20	0.45	0.37	0.64	0.11	0.42	0.40	1.54	0.87	0.74	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00

EAST RIVER___7	21.66	16.36	19.26	18.54	16.85	19.21	17.65	14.82	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.48	20.68	23.91	21.20	17.46	18.99
23524	-0.74	-1.09	-0.69	-0.37	-1.10	-0.46	-0.08	0.27	-0.03	0.05	0.16	0.15	0.22	0.20	0.45	0.37	0.64	0.11	0.42	0.40	1.54	0.87	0.74	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I	21.67	16.39	19.24	18.51	16.83	19.17	17.61	14.78	15.42	17.03	18.05	18.51	17.84	17.01	14.13	16.25	17.06	22.86	21.41	20.62	23.82	21.14	17.40	18.95
345002	-0.66	-0.99	-0.64	-0.36	-1.04	-0.44	-0.08	0.25	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.33	0.58	0.10	0.38	0.37	1.45	0.83	0.69	0.99
	-33.38	-33.85	-31.53	-25.24	-36.38	-27.74	-19.21	-10.05	-15.81	-16.11	-15.52	-16.20	-14.49	-13.99	-7.83	-10.82	-7.12	-21.14	-15.29	-14.64	0.00	-7.05	-5.00	0.00
EAST_HAMPTON___DIESEL	21.08	15.38	18.59	18.15	15.66	18.61	17.53	15.11	15.44	18.16	18.22	18.65	17.98	17.15	14.41	16.48	17.49	23.02	21.84	21.01	25.42	22.01	18.14	19.92
23722	-1.34	-2.08	-1.37	-0.77	-2.29	-1.06	-0.20	0.56	-0.05	0.11	0.28	0.24	0.31	0.29	0.66	0.54	0.99	0.21	0.77	0.73	3.05	1.68	1.42	1.96
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EAST_PULASKI___ESR	-7.62	-12.84	-8.36	-3.83	-14.60	-5.33	0.31	5.32	1.13	2.36	3.78	3.64	4.42	4.08	6.48	5.98	9.80	3.56	7.06	6.93	22.17	13.82	12.03	17.69
323781	0.30	0.45	0.33	0.18	0.51	0.20	0.04	-0.10	0.00	-0.02	-0.06	-0.05	-0.09	-0.07	-0.16	-0.13	-0.24	-0.04	-0.11	-0.05	-0.19	-0.10	-0.16	-0.27
	-3.13	-3.17	-2.95	-2.36	-3.41	-2.60	-1.80	-0.94	-1.48	-1.51	-1.45	-1.52	-1.36	-1.31	-0.73	-1.01	-0.67	-1.98	-1.43	-1.37	0.00	-0.66	-0.47	0.00
EAST_RIVER___1	21.68	16.37	19.26	18.54	16.83	19.20	17.64	14.82	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.47	20.68	23.93	21.21	17.48	19.03
323558	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.22	0.20	0.44	0.37	0.63	0.11	0.41	0.40	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EAST_RIVER___2	21.66	16.36	19.26	18.54	16.85	19.21	17.65	14.82	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.48	20.68	23.91	21.20	17.46	18.99
323559	-0.74	-1.09	-0.69	-0.37	-1.10	-0.46	-0.08	0.27	-0.03	0.05	0.16	0.15	0.22	0.20	0.45	0.37	0.64	0.11	0.42	0.40	1.54	0.87	0.74	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
EAST___DELAWARE_HYD	18.18	12.88	15.94	15.85	13.00	16.23	15.58	13.71	13.75	15.32	16.39	16.78	16.28	15.50	13.24	15.05	16.21	20.60	19.75	19.04	23.76	20.35	16.80	18.85
23607	-0.63	-0.91	-0.61	-0.34	-1.02	-0.44	-0.08	0.25	-0.02	0.04	0.13	0.12	0.17	0.15	0.33	0.28	0.48	0.09	0.34	0.34	1.39	0.78	0.62	0.89
	-29.85	-30.26	-28.19	-22.57	-32.53	-24.81	-17.17	-8.99	-14.13	-14.41	-13.88	-14.48	-12.96	-12.51	-7.00	-9.67	-6.36	-18.91	-13.67	-13.09	0.00	-6.31	-4.47	0.00
EIGHT_POINT___WT_PWR	-3.67	-8.71	-4.57	-0.80	-9.93	-2.02	2.58	6.52	2.97	4.27	5.66	5.58	6.17	5.77	7.57	7.45	11.00	6.12	9.14	8.87	23.00	15.14	12.97	18.10
323820	0.31	0.61	0.41	0.25	0.89	0.25	0.04	-0.09	-0.01	-0.01	-0.01	-0.02	-0.04	-0.03	0.01	0.07	0.13	0.04	0.16	0.17	0.64	0.38	0.20	0.14
	-7.05	-7.15	-6.66	-5.33	-7.69	-5.86	-4.06	-2.13	-3.34	-3.40	-3.28	-3.42	-3.06	-2.96	-1.66	-2.28	-1.50	-4.47	-3.23	-3.10	0.00	-1.49	-1.06	0.00
ELBRIDGE_115KV_TB2	-6.63	-11.92	-7.43	-3.03	-13.57	-4.48	0.97	5.73	1.68	2.93	4.35	4.24	4.97	4.60	6.82	6.42	10.15	4.32	7.69	7.47	22.31	14.12	12.27	17.73
80188	0.12	0.19	0.15	0.09	0.25	0.08	0.02	-0.05	0.00	-0.01	-0.04	-0.03	-0.04	-0.05	-0.09	-0.07	-0.14	-0.02	-0.02	-0.02	-0.06	-0.05	-0.09	-0.23
	-4.30	-4.36	-4.06	-3.25	-4.69	-3.57	-2.47	-1.29	-2.04	-2.08	-2.00	-2.09	-1.87	-1.80	-1.01	-1.39	-0.92	-2.72	-1.97	-1.89	0.00	-0.91	-0.64	0.00
ELEC_TRO_TEK	21.62	16.21	19.17	18.48	16.63	19.08	17.62	14.87	15.46	18.12	18.11	18.56	17.87	17.06	14.20	16.29	17.12	22.93	21.53	20.72	24.19	21.33	17.58	19.21
24086	-0.80	-1.25	-0.79	-0.44	-1.32	-0.60	-0.11	0.31	-0.03	0.06	0.17	0.15	0.20	0.20	0.45	0.35	0.62	0.12	0.46	0.43	1.82	1.00	0.86	1.25
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ELLENBURG_WT_PWR	-10.85	-17.12	-11.66	-21.00	-21.16	-20.98	-13.85	-12.46	-2.11	0.86	2.34	2.14	3.13	2.82	5.83	5.02	9.39	1.62	5.69	5.59	22.33	13.31	11.75	18.08
323604	0.19	0.70	0.61	0.36	0.86	0.51	0.09	-0.24	0.02	-0.01	-0.05	-0.04	-0.01	-0.02	-0.08	-0.08	0.02	0.00	-0.05	-0.03	-0.04	0.05	0.03	0.13
	0.00	1.35	0.63	14.98	3.51	13.37	12.42	16.70	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ELM_ST_23_KV_LD_REV_LBMP_A	-4.93	-10.15	-5.84	-1.71	-11.82	-3.15	1.99	6.28	2.53	3.79	5.16	5.08	5.72	5.33	7.15	6.93	10.28	5.42	8.35	8.19	21.92	14.26	12.26	17.25
345012	0.00	0.12	0.03	0.05	0.03	-0.10	-0.01	-0.05	-0.01	-0.03	-0.07	-0.06	-0.08	-0.08	-0.19	-0.15	-0.39	-0.06	-0.19	-0.13	-0.45	-0.31	-0.38	-0.71
	-6.11	-6.19	-5.77	-4.62	-6.66	-5.08	-3.52	-1.84	-2.89	-2.95	-2.84	-2.96	-2.65	-2.56	-1.43	-1.98	-1.30	-3.87	-2.80	-2.70	0.00	-1.31	-0.92	0.00
EMPIRE_CC_1	28.70	23.66	25.85	23.69	24.60	24.89	21.45	16.64	18.57	20.20	21.05	21.65	20.61	19.69	15.45	18.20	18.16	26.98	24.19	23.29	22.85	22.03	18.03	18.50
323656	-0.26	-0.43	-0.29	-0.18	-0.50	-0.23	-0.05	0.12	-0.01	0.02	0.06	0.06	0.09	0.08	0.16	0.14	0.26	0.03	0.13	0.13	0.48	0.31	0.32	0.54
	-40.01	-40.56	-37.78	-30.24	-43.60	-33.25	-23.02	-12.04	-18.94	-19.31	-18.60	-19.41	-17.37	-16.76	-9.39	-12.96	-8.53	-25.34	-18.32	-17.55	0.00	-8.45	-5.99	0.00
EMPIRE_CC_2	28.70	23.66	25.85	23.69	24.60	24.89	21.45	16.64	18.57	20.20	21.05	21.65	20.61	19.69	15.45	18.20	18.16	26.98	24.19	23.29	22.85	22.03	18.03	18.50
323658	-0.26	-0.43	-0.29	-0.18	-0.50	-0.23	-0.05	0.12	-0.01	0.02	0.06	0.06	0.09	0.08	0.16	0.14	0.26	0.03	0.13	0.13	0.48	0.31	0.32	0.54
	-40.01	-40.56	-37.78	-30.24	-43.60	-33.25	-23.02	-12.04	-18.94	-19.31	-18.60	-19.41	-17.37	-16.76	-9.39	-12.96	-8.53	-25.34	-18.32	-17.55	0.00	-8.45	-5.99	0.00
ENORWICH_115KV_TB1	-1.00	-6.58	-2.23	1.27	-8.00	0.19	4.47	7.92	4.61	6.00	7.40	7.38	7.83	7.34	8.54	8.68	11.95	8.39	10.96	10.64	24.05	16.45	14.02	18.99
80156	-0.51	-0.81	-0.55	-0.33	-0.99	-0.45	-0.08	0.26	-0.03	0.04	0.10	0.08	0.11	0.08	0.16	0.16	0.33	0.09	0.39	0.40	1.68	0.96	0.73	1.03
	-10.55	-10.70	-9.97	-7.98	-11.50	-8.77	-6.07	-3.18	-5.00	-5.09	-4.91	-5.12	-4.58	-4.42	-2.47	-3.42	-2.25	-6.68	-4.83	-4.63	0.00	-2.23	-1.58	0.00

ERIE_ST__34_KV_TB1-2	-4.84	-10.11	-5.75	-1.61	-11.77	-3.04	2.10	6.40	2.62	3.91	5.29	5.22	5.85	5.45	7.28	7.07	10.48	5.58	8.54	8.35	22.28	14.51	12.47	17.54
80199	-0.12	-0.05	-0.09	-0.02	-0.15	-0.17	-0.02	0.01	-0.01	-0.01	-0.03	-0.03	-0.04	-0.04	-0.11	-0.08	-0.24	-0.04	-0.10	-0.05	-0.09	-0.09	-0.20	-0.42
	-6.32	-6.41	-5.97	-4.78	-6.89	-5.25	-3.64	-1.90	-2.99	-3.05	-2.94	-3.07	-2.75	-2.65	-1.49	-2.05	-1.35	-4.01	-2.90	-2.79	0.00	-1.35	-0.95	0.00
ERIE_WT_PWR	-4.81	-10.06	-5.73	-1.61	-11.70	-3.05	2.07	6.34	2.59	3.87	5.24	5.16	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.09	14.40	12.37	17.39
323693	-0.02	0.07	0.00	0.04	0.00	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.16	-0.12	-0.34	-0.05	-0.14	-0.08	-0.28	-0.20	-0.29	-0.57
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
ESPRGFLD_115KV_TB1	-17.17	-22.87	-17.47	-10.92	-25.43	-13.18	-4.84	2.97	-3.06	-1.83	-0.14	-0.48	0.81	0.58	4.82	3.48	8.55	-1.90	3.44	3.43	23.61	12.79	11.47	18.77
80157	-0.46	-0.66	-0.48	-0.26	-0.74	-0.34	-0.06	0.19	-0.02	0.04	0.11	0.09	0.13	0.11	0.24	0.22	0.39	0.08	0.30	0.31	1.24	0.73	0.60	0.81
	5.67	5.75	5.35	4.29	6.18	4.71	3.26	1.71	2.68	2.74	2.64	2.75	2.46	2.38	1.33	1.84	1.21	3.59	2.60	2.49	0.00	1.20	0.85	0.00
ETNA_115_KV_TB1_REV_LBMP_C	-3.23	-8.59	-4.25	-0.42	-10.03	-1.64	3.03	6.94	3.39	4.71	6.09	6.05	6.61	6.18	7.78	7.69	11.11	6.67	9.51	9.23	22.94	15.26	13.12	18.20
345029	-0.13	-0.18	-0.12	-0.06	-0.18	-0.11	-0.02	0.06	-0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.05	0.03	0.12	0.13	0.57	0.32	0.21	0.24
	-7.94	-8.05	-7.50	-6.01	-8.66	-6.60	-4.57	-2.39	-3.76	-3.84	-3.69	-3.86	-3.45	-3.33	-1.86	-2.57	-1.69	-5.03	-3.64	-3.48	0.00	-1.68	-1.19	0.00
ETNA_____115KV_TB2	-3.23	-8.59	-4.25	-0.42	-10.03	-1.64	3.03	6.94	3.39	4.71	6.09	6.05	6.61	6.18	7.78	7.69	11.11	6.67	9.51	9.23	22.94	15.26	13.12	18.20
80207	-0.13	-0.18	-0.12	-0.06	-0.18	-0.11	-0.02	0.06	-0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.05	0.03	0.12	0.13	0.57	0.32	0.21	0.24
	-7.94	-8.05	-7.50	-6.01	-8.66	-6.60	-4.57	-2.39	-3.76	-3.84	-3.69	-3.86	-3.45	-3.33	-1.86	-2.57	-1.69	-5.03	-3.64	-3.48	0.00	-1.68	-1.19	0.00
EUCLID___115KV_TB2	-7.32	-12.57	-8.09	-3.58	-14.32	-5.07	0.53	5.46	1.31	2.55	3.98	3.84	4.61	4.26	6.59	6.13	9.92	3.82	7.27	7.09	22.09	13.83	12.04	17.59
356179	0.20	0.32	0.22	0.13	0.35	0.12	0.03	-0.08	0.00	-0.02	-0.05	-0.05	-0.07	-0.06	-0.13	-0.11	-0.21	-0.03	-0.08	-0.07	-0.27	-0.18	-0.20	-0.37
	-3.53	-3.58	-3.33	-2.67	-3.85	-2.93	-2.03	-1.06	-1.67	-1.70	-1.64	-1.71	-1.53	-1.48	-0.83	-1.14	-0.75	-2.23	-1.61	-1.55	0.00	-0.75	-0.53	0.00
E_CANADA_CAP_HY	40.45	35.49	36.92	32.67	37.32	34.73	28.37	20.40	24.28	26.06	26.74	27.56	25.92	24.81	18.42	22.23	20.94	34.69	29.93	28.82	23.83	25.15	20.28	19.02
24051	-0.58	-0.84	-0.62	-0.33	-0.93	-0.42	-0.08	0.24	-0.02	0.05	0.14	0.11	0.16	0.14	0.30	0.25	0.47	0.09	0.34	0.36	1.45	0.89	0.77	1.05
	-52.08	-52.80	-49.18	-39.37	-56.76	-43.28	-29.96	-15.68	-24.66	-25.14	-24.21	-25.27	-22.61	-21.82	-12.22	-16.87	-11.10	-32.99	-23.85	-22.84	-0.01	-11.00	-7.80	-0.01
E_CANADA_MHWK_HY	-11.00	-16.34	-11.59	-6.34	-18.43	-8.11	-1.51	4.45	-0.36	0.87	2.39	2.18	3.12	2.81	5.82	5.03	9.30	1.62	5.77	5.64	22.47	13.36	11.76	18.00
24050	0.04	0.13	0.05	0.04	0.08	0.02	0.01	-0.04	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.08	-0.07	-0.07	0.00	0.02	0.03	0.10	0.09	0.05	0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
E_FISHKILL___LBMP	22.48	17.24	20.00	19.10	17.74	19.82	18.03	14.97	15.77	17.38	18.37	18.84	18.12	17.29	14.24	16.44	17.14	23.30	21.69	20.89	23.63	21.18	17.43	18.82
23776	-0.58	-0.87	-0.57	-0.31	-0.92	-0.39	-0.07	0.22	-0.02	0.04	0.13	0.12	0.17	0.15	0.34	0.29	0.50	0.09	0.33	0.32	1.26	0.72	0.61	0.85
	-34.10	-34.58	-32.21	-25.78	-37.17	-28.34	-19.62	-10.27	-16.15	-16.46	-15.85	-16.55	-14.81	-14.29	-8.00	-11.05	-7.27	-21.60	-15.62	-14.96	0.00	-7.21	-5.11	0.00
FALCON___SEABRD_CC1	-11.01	-17.32	-11.80	-21.20	-21.39	-21.20	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.49	1.64	5.76	5.65	22.60	13.47	11.87	18.26
323796	0.03	0.51	0.47	0.29	0.66	0.42	0.07	-0.19	0.02	0.00	-0.02	-0.02	0.02	0.00	-0.02	-0.02	0.11	0.03	0.02	0.04	0.23	0.21	0.16	0.31
	0.00	1.36	0.63	15.11	3.54	13.49	12.54	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FALCON___SEABRD_CC2	-11.01	-17.32	-11.80	-21.20	-21.39	-21.20	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.49	1.64	5.76	5.65	22.60	13.47	11.87	18.26
323797	0.03	0.51	0.47	0.29	0.66	0.42	0.07	-0.19	0.02	0.00	-0.02	-0.02	0.02	0.00	-0.02	-0.02	0.11	0.03	0.02	0.04	0.23	0.21	0.16	0.31
	0.00	1.36	0.63	15.11	3.54	13.49	12.54	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FAR ROCKAWAY___4	21.51	16.06	19.05	18.41	16.42	18.98	17.61	14.92	15.45	18.12	18.14	18.58	17.90	17.09	14.25	16.35	17.22	22.94	21.59	20.79	24.37	21.38	17.71	19.41
23548	-0.90	-1.39	-0.91	-0.51	-1.53	-0.69	-0.12	0.36	-0.03	0.07	0.20	0.17	0.22	0.22	0.50	0.41	0.72	0.14	0.53	0.50	2.00	1.05	0.98	1.46
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FARRAGUT_138_KV_32071_REV_LBMP_J	21.68	16.36	19.26	18.53	16.82	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.68	23.95	21.22	17.49	19.05
345003	-0.72	-1.09	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.58	0.89	0.76	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J	21.67	16.35	19.25	18.53	16.81	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.48	20.68	23.97	21.23	17.50	19.06
345016	-0.73	-1.10	-0.70	-0.39	-1.13	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.64	0.11	0.42	0.40	1.60	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J	21.68	16.36	19.26	18.53	16.82	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.47	20.68	23.94	21.22	17.48	19.04
345017	-0.72	-1.08	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.41	0.40	1.57	0.88	0.76	1.08
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

FARRAGUT___LBMP	21.69	16.38	19.26	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.13	22.91	21.47	20.67	23.93	21.21	17.48	19.03
323566	-0.71	-1.07	-0.68	-0.37	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.63	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FENNER___WINDPWR	-6.60	-11.96	-7.43	-2.99	-13.71	-4.44	1.06	5.87	1.77	3.05	4.50	4.38	5.11	4.74	6.97	6.58	10.38	4.49	7.89	7.69	22.82	14.47	12.55	18.18
24204	-0.07	-0.06	-0.04	-0.02	-0.11	-0.05	-0.01	0.04	0.00	0.00	0.02	0.01	0.01	0.00	0.01	0.02	0.05	0.02	0.08	0.11	0.45	0.26	0.17	0.22
	-4.51	-4.57	-4.25	-3.41	-4.91	-3.74	-2.59	-1.36	-2.13	-2.18	-2.09	-2.19	-1.96	-1.89	-1.06	-1.46	-0.96	-2.86	-2.07	-1.98	0.00	-0.95	-0.67	0.00
FIBERTEK___ENERGY	-6.85	-12.14	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
23856	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
FITZPATRICK____	-7.83	-13.02	-8.56	-4.00	-14.79	-5.51	0.17	5.20	1.00	2.21	3.63	3.49	4.27	3.94	6.36	5.84	9.64	3.37	6.88	6.70	21.74	13.48	11.77	17.33
23598	0.36	0.55	0.38	0.22	0.61	0.24	0.05	-0.15	0.01	-0.03	-0.09	-0.08	-0.11	-0.10	-0.21	-0.18	-0.34	-0.05	-0.17	-0.16	-0.63	-0.38	-0.37	-0.62
	-2.85	-2.89	-2.69	-2.16	-3.11	-2.37	-1.64	-0.86	-1.35	-1.38	-1.33	-1.39	-1.24	-1.20	-0.67	-0.92	-0.61	-1.81	-1.31	-1.25	0.00	-0.60	-0.43	0.00
FLOWRFLD_69_KV_BK1	21.46	15.93	18.99	18.38	16.35	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.89	17.07	14.25	16.32	17.19	22.96	21.63	20.81	24.61	21.55	17.77	19.40
356044	-0.95	-1.53	-0.97	-0.54	-1.61	-0.74	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.21	0.49	0.38	0.69	0.16	0.56	0.52	2.24	1.22	1.05	1.43
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G	21.68	16.38	19.24	18.52	16.82	19.18	17.63	14.81	15.45	17.06	18.08	18.54	17.87	17.04	14.15	16.28	17.10	22.90	21.47	20.67	23.97	21.23	17.47	19.02
345010	-0.71	-1.05	-0.69	-0.37	-1.10	-0.48	-0.09	0.27	-0.02	0.05	0.15	0.14	0.20	0.19	0.41	0.35	0.61	0.11	0.41	0.40	1.60	0.91	0.75	1.06
	-33.43	-33.90	-31.57	-25.27	-36.44	-27.78	-19.23	-10.06	-15.83	-16.14	-15.54	-16.22	-14.52	-14.01	-7.84	-10.83	-7.12	-21.17	-15.31	-14.66	0.00	-7.06	-5.01	0.00
FORT ORANGE____	29.68	24.60	26.77	24.49	25.59	25.74	22.10	17.06	19.12	20.78	21.63	22.25	21.15	20.21	15.79	18.64	18.52	27.75	24.83	23.91	23.33	22.54	18.39	18.73
23900	-0.45	-0.67	-0.47	-0.26	-0.77	-0.34	-0.06	0.19	-0.02	0.04	0.10	0.09	0.13	0.12	0.23	0.20	0.37	0.06	0.23	0.24	0.96	0.58	0.52	0.77
	-41.17	-41.74	-38.88	-31.13	-44.88	-34.21	-23.69	-12.39	-19.49	-19.87	-19.14	-19.98	-17.88	-17.25	-9.66	-13.34	-8.77	-26.08	-18.85	-18.06	0.00	-8.70	-6.17	0.00
FORT_DRUM_COGEN	-8.50	-13.63	-9.14	-3.87	-15.38	-5.47	0.31	5.78	0.74	1.90	3.35	3.18	4.00	3.69	6.27	5.69	9.65	2.96	6.67	6.65	22.80	14.04	12.15	18.25
23780	0.38	0.58	0.43	0.21	0.63	0.28	0.04	-0.09	0.00	-0.02	-0.04	-0.05	-0.08	-0.06	-0.13	-0.11	-0.18	-0.02	-0.06	0.09	0.44	0.32	0.11	0.29
	-2.16	-2.25	-2.07	-2.29	-2.51	-2.38	-1.79	-1.38	-1.10	-1.04	-1.00	-1.05	-0.94	-0.91	-0.51	-0.70	-0.46	-1.37	-0.99	-0.95	0.00	-0.46	-0.32	0.00
FPL FAR_ROCK_GT1	21.51	16.06	19.05	18.41	16.42	18.98	17.61	14.92	15.45	18.12	18.14	18.58	17.90	17.09	14.25	16.34	17.22	22.94	21.59	20.79	24.37	21.38	17.71	19.42
24212	-0.90	-1.39	-0.91	-0.51	-1.53	-0.69	-0.12	0.36	-0.03	0.07	0.20	0.17	0.22	0.22	0.50	0.41	0.72	0.14	0.53	0.50	2.00	1.05	0.98	1.46
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FPL FAR_ROCK_GT2	21.51	16.06	19.05	18.41	16.42	18.98	17.61	14.92	15.45	18.12	18.14	18.58	17.90	17.09	14.25	16.34	17.22	22.94	21.59	20.79	24.37	21.38	17.71	19.42
23815	-0.90	-1.39	-0.91	-0.51	-1.53	-0.69	-0.12	0.36	-0.03	0.07	0.20	0.17	0.22	0.22	0.50	0.41	0.72	0.14	0.53	0.50	2.00	1.05	0.98	1.46
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FRANKLIN_FALL_HYD	-10.93	-15.09	-10.79	4.03	-15.54	1.31	6.98	15.66	0.86	0.87	2.37	2.16	3.15	2.83	5.85	5.04	9.39	1.61	5.70	5.59	22.36	13.34	11.78	18.14
24054	0.11	0.46	0.42	0.24	0.59	0.37	0.06	-0.16	0.02	0.00	-0.02	-0.02	0.01	-0.01	-0.06	-0.06	0.02	0.00	-0.05	-0.02	-0.01	0.08	0.07	0.18
	0.00	-0.92	-0.43	-10.17	-2.38	-9.08	-8.43	-11.34	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
FREEPORT_EQUS_GT1	21.56	16.13	19.11	18.45	16.53	19.03	17.61	14.89	15.45	18.12	18.12	18.57	17.88	17.07	14.22	16.31	17.16	22.94	21.56	20.75	24.33	21.41	17.65	19.32
23764	-0.85	-1.32	-0.84	-0.47	-1.42	-0.64	-0.12	0.33	-0.03	0.07	0.19	0.16	0.20	0.20	0.47	0.37	0.66	0.13	0.49	0.46	1.96	1.08	0.93	1.36
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FREEPORT___CT2	21.56	16.13	19.11	18.45	16.53	19.03	17.61	14.89	15.45	18.12	18.12	18.57	17.88	17.07	14.22	16.31	17.16	22.94	21.56	20.75	24.33	21.41	17.65	19.32
23818	-0.85	-1.32	-0.84	-0.47	-1.42	-0.64	-0.12	0.33	-0.03	0.07	0.19	0.16	0.20	0.20	0.47	0.37	0.66	0.13	0.49	0.46	1.96	1.08	0.93	1.36
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FRESHKLS_33_KV_LOAD	21.67	16.34	19.23	18.52	16.80	19.18	17.64	14.83	15.45	17.07	18.10	18.55	17.88	17.05	14.15	16.27	17.09	22.90	21.45	20.66	23.85	21.16	17.46	19.01
356253	-0.74	-1.11	-0.72	-0.39	-1.14	-0.49	-0.08	0.28	-0.02	0.05	0.16	0.14	0.21	0.19	0.40	0.34	0.59	0.10	0.39	0.37	1.48	0.83	0.73	1.05
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
FULTON COGEN____	-7.39	-12.64	-8.16	-3.64	-14.38	-5.14	0.48	5.42	1.26	2.50	3.92	3.79	4.55	4.21	6.55	6.09	9.87	3.75	7.21	7.03	22.07	13.79	12.01	17.56
23766	0.22	0.35	0.24	0.14	0.40	0.15	0.03	-0.09	0.00	-0.02	-0.06	-0.05	-0.08	-0.07	-0.15	-0.12	-0.23	-0.03	-0.10	-0.08	-0.30	-0.20	-0.21	-0.40
	-3.42	-3.47	-3.23	-2.59	-3.73	-2.84	-1.97	-1.03	-1.62	-1.65	-1.59	-1.66	-1.49	-1.43	-0.80	-1.11	-0.73	-2.17	-1.57	-1.50	0.00	-0.72	-0.51	0.00

FULTON___LFGE	37.11	31.99	33.73	30.18	33.44	31.94	26.55	19.59	22.81	24.59	25.35	26.09	24.58	23.54	17.69	21.22	20.20	32.82	28.68	27.63	24.44	24.86	20.08	19.50
323630	-0.85	-1.23	-0.92	-0.50	-1.46	-0.66	-0.12	0.36	-0.03	0.07	0.18	0.13	0.15	0.16	0.29	0.24	0.38	0.16	0.49	0.53	2.07	1.24	1.03	1.53
	-49.01	-49.69	-46.28	-37.05	-53.42	-40.73	-28.20	-14.75	-23.20	-23.66	-22.78	-23.78	-21.28	-20.54	-11.50	-15.88	-10.44	-31.04	-22.44	-21.50	-0.01	-10.35	-7.34	-0.01
G.F.CEMENT___DRP	31.45	26.33	28.47	25.91	27.52	27.27	23.21	17.73	20.04	21.74	22.56	23.22	22.04	21.06	16.30	19.34	19.12	29.03	25.88	24.92	23.90	23.28	18.90	19.05
24184	-0.64	-0.93	-0.63	-0.32	-0.98	-0.45	-0.09	0.26	-0.02	0.05	0.12	0.11	0.16	0.14	0.28	0.26	0.56	0.10	0.39	0.39	1.53	0.91	0.72	1.09
	-43.13	-43.74	-40.73	-32.61	-47.01	-35.85	-24.82	-12.99	-20.43	-20.82	-20.05	-20.93	-18.73	-18.07	-10.12	-13.98	-9.19	-27.32	-19.75	-18.92	0.00	-9.11	-6.46	0.00
GARDENVILLE___LBMP	-4.83	-10.05	-5.74	-1.63	-11.71	-3.06	2.05	6.32	2.58	3.85	5.22	5.14	5.78	5.38	7.19	6.98	10.34	5.50	8.43	8.26	22.01	14.34	12.33	17.34
24039	-0.01	0.10	0.02	0.04	0.02	-0.10	-0.01	-0.04	-0.01	-0.02	-0.06	-0.05	-0.07	-0.07	-0.17	-0.14	-0.36	-0.06	-0.16	-0.10	-0.35	-0.25	-0.33	-0.62
	-6.22	-6.31	-5.88	-4.70	-6.78	-5.17	-3.58	-1.87	-2.95	-3.00	-2.89	-3.02	-2.70	-2.61	-1.46	-2.01	-1.33	-3.94	-2.85	-2.76	0.00	-1.33	-0.94	0.00
GARDNVLA_35_KV_LD	-4.81	-10.05	-5.73	-1.61	-11.71	-3.05	2.07	6.35	2.60	3.87	5.25	5.18	5.81	5.42	7.23	7.02	10.40	5.53	8.48	8.31	22.13	14.42	12.39	17.41
355827	-0.03	0.07	0.00	0.03	-0.03	-0.12	-0.01	-0.02	-0.01	-0.02	-0.05	-0.04	-0.05	-0.06	-0.14	-0.11	-0.31	-0.04	-0.13	-0.07	-0.23	-0.18	-0.27	-0.54
	-6.26	-6.35	-5.91	-4.74	-6.83	-5.20	-3.61	-1.89	-2.97	-3.02	-2.91	-3.04	-2.72	-2.62	-1.47	-2.03	-1.34	-3.97	-2.87	-2.77	0.00	-1.34	-0.95	0.00
GELCKHM__115KV_LOAD	-7.13	-12.40	-7.92	-3.43	-14.13	-4.92	0.65	5.54	1.41	2.66	4.09	3.96	4.71	4.36	6.67	6.22	10.00	3.96	7.40	7.21	22.19	13.93	12.12	17.66
80723	0.16	0.27	0.19	0.11	0.31	0.10	0.02	-0.07	0.00	-0.02	-0.04	-0.04	-0.06	-0.06	-0.11	-0.09	-0.17	-0.02	-0.06	-0.05	-0.18	-0.12	-0.15	-0.30
	-3.74	-3.79	-3.53	-2.83	-4.08	-3.11	-2.15	-1.13	-1.77	-1.81	-1.74	-1.82	-1.62	-1.57	-0.88	-1.21	-0.80	-2.37	-1.71	-1.64	0.00	-0.79	-0.56	0.00
GENERAL___MILLS	-4.82	-10.05	-5.73	-1.61	-11.71	-3.05	2.07	6.34	2.59	3.87	5.24	5.17	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.08	14.39	12.36	17.38
23808	-0.03	0.08	0.00	0.04	-0.01	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.15	-0.12	-0.33	-0.05	-0.15	-0.09	-0.29	-0.21	-0.30	-0.58
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
GE_PLASTICS___DRP	29.85	24.80	26.93	24.60	25.81	25.88	22.17	17.06	19.17	20.82	21.66	22.28	21.18	20.24	15.79	18.64	18.49	27.81	24.84	23.91	23.17	22.46	18.32	18.60
24183	-0.38	-0.57	-0.41	-0.22	-0.66	-0.29	-0.05	0.16	-0.01	0.03	0.08	0.08	0.11	0.10	0.20	0.17	0.33	0.05	0.20	0.20	0.79	0.48	0.43	0.64
	-41.27	-41.85	-38.98	-31.20	-44.99	-34.30	-23.74	-12.43	-19.54	-19.92	-19.18	-20.02	-17.92	-17.29	-9.68	-13.37	-8.80	-26.14	-18.90	-18.10	0.00	-8.72	-6.18	0.00
GILBOA___1	21.54	16.42	19.07	18.30	16.75	18.95	17.36	14.51	15.21	16.77	17.75	18.21	17.52	16.71	13.80	15.91	16.65	22.50	20.99	20.22	23.07	20.62	16.99	18.46
23756	-0.32	-0.47	-0.36	-0.20	-0.59	-0.26	-0.05	0.13	-0.01	0.03	0.07	0.06	0.09	0.08	0.18	0.15	0.27	0.05	0.18	0.18	0.70	0.41	0.35	0.50
	-32.90	-33.36	-31.07	-24.87	-35.86	-27.34	-18.93	-9.90	-15.58	-15.88	-15.29	-15.96	-14.29	-13.79	-7.72	-10.66	-7.01	-20.84	-15.07	-14.43	0.00	-6.95	-4.93	0.00
GILBOA___2	21.54	16.42	19.07	18.30	16.75	18.95	17.36	14.51	15.21	16.77	17.75	18.21	17.52	16.71	13.80	15.91	16.65	22.50	20.99	20.22	23.07	20.62	16.99	18.46
23757	-0.32	-0.47	-0.36	-0.20	-0.59	-0.26	-0.05	0.13	-0.01	0.03	0.07	0.06	0.09	0.08	0.18	0.15	0.27	0.05	0.18	0.18	0.70	0.41	0.35	0.50
	-32.90	-33.36	-31.07	-24.87	-35.86	-27.34	-18.93	-9.90	-15.58	-15.88	-15.29	-15.96	-14.29	-13.79	-7.72	-10.66	-7.01	-20.84	-15.07	-14.43	0.00	-6.95	-4.93	0.00
GILBOA___3	21.54	16.42	19.07	18.30	16.75	18.95	17.36	14.51	15.21	16.77	17.75	18.21	17.52	16.71	13.80	15.91	16.65	22.50	20.99	20.22	23.07	20.62	16.99	18.46
23758	-0.32	-0.47	-0.36	-0.20	-0.59	-0.26	-0.05	0.13	-0.01	0.03	0.07	0.06	0.09	0.08	0.18	0.15	0.27	0.05	0.18	0.18	0.70	0.41	0.35	0.50
	-32.90	-33.36	-31.07	-24.87	-35.86	-27.34	-18.93	-9.90	-15.58	-15.88	-15.29	-15.96	-14.29	-13.79	-7.72	-10.66	-7.01	-20.84	-15.07	-14.43	0.00	-6.95	-4.93	0.00
GILBOA___4	21.54	16.42	19.07	18.30	16.75	18.95	17.36	14.51	15.21	16.77	17.75	18.21	17.52	16.71	13.80	15.91	16.65	22.50	20.99	20.22	23.07	20.62	16.99	18.46
23759	-0.32	-0.47	-0.36	-0.20	-0.59	-0.26	-0.05	0.13	-0.01	0.03	0.07	0.06	0.09	0.08	0.18	0.15	0.27	0.05	0.18	0.18	0.70	0.41	0.35	0.50
	-32.90	-33.36	-31.07	-24.87	-35.86	-27.34	-18.93	-9.90	-15.58	-15.88	-15.29	-15.96	-14.29	-13.79	-7.72	-10.66	-7.01	-20.84	-15.07	-14.43	0.00	-6.95	-4.93	0.00
GILBOA____	21.54	16.42	19.07	18.30	16.75	18.95	17.36	14.51	15.21	16.77	17.75	18.21	17.52	16.71	13.80	15.91	16.65	22.49	20.99	20.22	23.07	20.62	16.99	18.46
23599	-0.32	-0.47	-0.36	-0.20	-0.59	-0.26	-0.05	0.13	-0.01	0.03	0.07	0.06	0.09	0.08	0.18	0.15	0.27	0.05	0.18	0.18	0.70	0.41	0.35	0.50
	-32.90	-33.36	-31.07	-24.87	-35.86	-27.34	-18.93	-9.90	-15.58	-15.88	-15.29	-15.96	-14.29	-13.79	-7.72	-10.66	-7.01	-20.84	-15.07	-14.43	0.00	-6.95	-4.93	0.00
GINNA____	-5.95	-10.99	-6.75	-2.59	-12.62	-3.99	1.18	5.62	1.82	3.02	4.36	4.26	4.93	4.58	6.58	6.26	9.71	4.41	7.51	7.33	21.22	13.53	11.69	16.75
23603	0.52	0.84	0.57	0.33	0.91	0.34	0.07	-0.24	0.01	-0.06	-0.15	-0.14	-0.20	-0.18	-0.39	-0.32	-0.63	-0.10	-0.33	-0.29	-1.15	-0.70	-0.71	-1.21
	-4.57	-4.64	-4.32	-3.46	-4.98	-3.80	-2.63	-1.38	-2.17	-2.21	-2.13	-2.22	-1.99	-1.92	-1.07	-1.48	-0.97	-2.90	-2.09	-2.01	0.00	-0.97	-0.69	0.00
GLEN PARK____	-8.47	-13.63	-9.12	-3.88	-15.39	-5.47	0.32	5.79	0.77	1.94	3.39	3.22	4.03	3.72	6.29	5.71	9.67	3.01	6.72	6.71	22.93	14.12	12.21	18.31
23778	0.33	0.51	0.39	0.19	0.54	0.24	0.03	-0.06	0.00	-0.01	-0.04	-0.05	-0.08	-0.06	-0.14	-0.11	-0.18	-0.02	-0.04	0.12	0.56	0.39	0.16	0.35
	-2.24	-2.32	-2.14	-2.31	-2.58	-2.41	-1.80	-1.37	-1.13	-1.08	-1.04	-1.08	-0.97	-0.94	-0.52	-0.72	-0.48	-1.42	-1.02	-0.98	0.00	-0.47	-0.33	0.00
GLENDALE_27_KV_LOAD	21.61	16.25	19.18	18.49	16.71	19.14	17.63	14.86	15.45	17.07	18.12	18.58	17.91	17.08	14.22	16.33	17.19	22.92	21.52	20.71	24.09	21.29	17.55	19.14
356172	-0.80	-1.19	-0.77	-0.42	-1.23	-0.52	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.48	0.39	0.69	0.12	0.45	0.43	1.72	0.97	0.83	1.18
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

GLENWOOD_IC_1_G5	21.62	16.25	19.18	18.49	16.68	19.11	17.63	14.86	15.46	18.11	18.11	18.57	17.89	17.07	14.21	16.31	17.15	22.92	21.49	20.68	24.01	21.25	17.57	19.18
23712	-0.79	-1.20	-0.77	-0.43	-1.27	-0.56	-0.10	0.30	-0.02	0.06	0.17	0.15	0.21	0.21	0.46	0.37	0.65	0.12	0.42	0.40	1.64	0.91	0.84	1.22
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLENWOOD_IC_2_G1	21.67	16.32	19.23	18.52	16.76	19.15	17.64	14.84	15.46	18.11	18.11	18.56	17.88	17.06	14.19	16.29	17.12	22.92	21.50	20.70	24.03	21.26	17.51	19.09
23688	-0.74	-1.13	-0.72	-0.40	-1.20	-0.52	-0.09	0.28	-0.02	0.06	0.16	0.15	0.21	0.20	0.44	0.36	0.62	0.11	0.43	0.41	1.66	0.93	0.79	1.14
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLENWOOD_IC_3_G1	21.67	16.32	19.23	18.52	16.76	19.15	17.64	14.84	15.46	18.11	18.11	18.56	17.88	17.06	14.19	16.29	17.12	22.92	21.50	20.70	24.03	21.26	17.51	19.09
23689	-0.74	-1.13	-0.72	-0.40	-1.20	-0.52	-0.09	0.28	-0.02	0.06	0.16	0.15	0.21	0.20	0.44	0.36	0.62	0.11	0.43	0.41	1.66	0.93	0.79	1.14
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLENWOOD___4	21.62	16.25	19.18	18.49	16.68	19.11	17.63	14.86	15.46	18.11	18.11	18.57	17.89	17.07	14.21	16.31	17.15	22.92	21.50	20.70	24.07	21.28	17.57	19.18
23550	-0.79	-1.20	-0.77	-0.43	-1.27	-0.56	-0.10	0.30	-0.02	0.06	0.17	0.15	0.21	0.21	0.46	0.37	0.65	0.12	0.44	0.42	1.70	0.95	0.84	1.22
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLENWOOD___5	21.62	16.25	19.18	18.49	16.68	19.11	17.63	14.86	15.46	18.11	18.11	18.57	17.89	17.07	14.21	16.31	17.15	22.92	21.50	20.70	24.07	21.28	17.57	19.18
23614	-0.79	-1.20	-0.77	-0.43	-1.27	-0.56	-0.10	0.30	-0.02	0.06	0.17	0.15	0.21	0.21	0.46	0.37	0.65	0.12	0.44	0.42	1.70	0.95	0.84	1.22
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLOBAL GREEN_PORT_GT1	21.13	15.45	18.64	18.18	15.75	18.65	17.54	15.09	15.44	18.16	18.21	18.64	17.97	17.14	14.40	16.46	17.46	23.01	21.82	20.99	25.35	21.97	18.10	19.85
23814	-1.29	-2.01	-1.32	-0.74	-2.20	-1.02	-0.19	0.54	-0.04	0.11	0.27	0.23	0.29	0.28	0.65	0.52	0.96	0.20	0.75	0.71	2.98	1.64	1.37	1.89
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GLOBE___DSASP	-5.10	-10.25	-5.99	-1.87	-11.94	-3.30	1.86	6.09	2.38	3.60	4.92	4.85	5.46	5.09	6.90	6.65	9.91	5.17	8.02	7.83	21.19	13.74	11.84	16.69
323697	0.14	0.33	0.17	0.12	0.25	0.01	0.04	-0.13	0.01	-0.05	-0.15	-0.14	-0.19	-0.18	-0.36	-0.32	-0.70	-0.11	-0.38	-0.33	-1.18	-0.76	-0.75	-1.27
	-5.80	-5.88	-5.47	-4.38	-6.32	-4.82	-3.33	-1.74	-2.73	-2.78	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.67	-2.65	-2.55	0.00	-1.23	-0.87	0.00
GOETHSLN___LBMP	21.75	16.44	19.31	18.56	16.91	19.23	17.65	14.81	15.45	17.06	18.08	18.55	17.87	17.04	14.15	16.27	17.08	22.90	21.45	20.65	23.82	21.14	17.43	18.97
323567	-0.66	-1.01	-0.63	-0.35	-1.04	-0.44	-0.07	0.26	-0.02	0.05	0.15	0.14	0.20	0.19	0.40	0.34	0.59	0.10	0.39	0.36	1.45	0.81	0.71	1.01
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOLAH____69_KV_TB 1_2	-6.41	-11.76	-7.28	-2.84	-13.57	-4.40	1.16	5.92	1.87	3.13	4.53	4.43	5.14	4.77	6.88	6.54	10.16	4.57	7.84	7.67	22.33	14.20	12.26	17.58
80279	-0.09	-0.07	-0.10	-0.03	-0.20	-0.18	-0.03	0.02	0.00	-0.02	-0.05	-0.04	-0.06	-0.06	-0.13	-0.09	-0.22	-0.03	-0.06	-0.01	-0.03	-0.06	-0.16	-0.38
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
GOODYEAR_LAKE_HYD	-3.15	-8.61	-4.21	-0.33	-10.12	-1.54	3.19	7.13	3.54	4.89	6.32	6.27	6.85	6.41	8.05	7.96	11.45	6.92	9.78	9.49	23.37	15.58	13.41	18.57
323669	-0.38	-0.54	-0.38	-0.21	-0.63	-0.29	-0.05	0.16	-0.01	0.03	0.09	0.08	0.11	0.09	0.20	0.18	0.32	0.07	0.25	0.25	1.00	0.57	0.46	0.61
	-8.27	-8.39	-7.81	-6.25	-9.02	-6.88	-4.76	-2.49	-3.92	-3.99	-3.85	-4.01	-3.59	-3.47	-1.94	-2.68	-1.76	-5.24	-3.79	-3.63	0.00	-1.75	-1.24	0.00
GOUDEY_115_KV_TB6_REV_LBMP_C	-0.06	-5.37	-1.25	1.98	-6.58	0.99	4.86	7.90	4.90	6.25	7.59	7.60	8.01	7.53	8.57	8.76	11.84	8.69	10.96	10.59	22.81	15.85	13.54	18.14
345031	-0.13	-0.18	-0.11	-0.06	-0.19	-0.12	-0.02	0.06	-0.01	0.01	0.03	0.03	0.04	0.03	0.06	0.06	0.10	0.03	0.12	0.11	0.45	0.24	0.16	0.18
	-11.12	-11.27	-10.50	-8.41	-12.12	-9.24	-6.40	-3.35	-5.27	-5.37	-5.17	-5.40	-4.83	-4.66	-2.61	-3.60	-2.37	-7.04	-5.09	-4.87	0.00	-2.35	-1.66	0.00
GOUDEY___7	-0.06	-5.38	-1.26	1.97	-6.59	0.98	4.86	7.90	4.90	6.25	7.59	7.60	8.01	7.54	8.58	8.77	11.84	8.69	10.96	10.60	22.84	15.86	13.55	18.15
23579	-0.14	-0.19	-0.12	-0.06	-0.20	-0.13	-0.02	0.06	-0.01	0.01	0.03	0.03	0.04	0.03	0.07	0.07	0.10	0.03	0.12	0.11	0.47	0.25	0.17	0.19
	-11.12	-11.27	-10.50	-8.41	-12.12	-9.24	-6.40	-3.35	-5.27	-5.37	-5.17	-5.40	-4.83	-4.66	-2.61	-3.60	-2.37	-7.04	-5.09	-4.87	0.00	-2.35	-1.66	0.00
GOUDEY___8	-0.06	-5.37	-1.25	1.98	-6.58	0.99	4.86	7.90	4.90	6.25	7.59	7.60	8.01	7.53	8.57	8.76	11.84	8.69	10.96	10.59	22.81	15.85	13.54	18.14
23580	-0.13	-0.18	-0.11	-0.06	-0.19	-0.12	-0.02	0.06	-0.01	0.01	0.03	0.03	0.04	0.03	0.06	0.06	0.10	0.03	0.12	0.11	0.45	0.24	0.16	0.18
	-11.12	-11.27	-10.50	-8.41	-12.12	-9.24	-6.40	-3.35	-5.27	-5.37	-5.17	-5.40	-4.83	-4.66	-2.61	-3.60	-2.37	-7.04	-5.09	-4.87	0.00	-2.35	-1.66	0.00
GOWANUS_GT1_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24077	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24078	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

GOWANUS_GT1_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24079	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24080	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24084	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24111	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24112	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT1_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24113	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24114	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24115	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24116	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24117	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24118	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24119	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24120	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT2_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24121	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24122	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

GOWANUS_GT3_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24123	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24124	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24125	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24126	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24127	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24128	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT3_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24129	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24130	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24131	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24132	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24133	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24134	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24135	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24136	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GOWANUS_GT4_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24137	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

GREENBSH_115KV_TB3	29.94	24.89	27.02	24.68	25.90	25.95	22.24	17.11	19.22	20.88	21.72	22.35	21.24	20.29	15.83	18.70	18.55	27.88	24.91	23.98	23.21	22.52	18.37	18.66
55895	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.35	0.05	0.21	0.21	0.84	0.51	0.46	0.69
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
GREENDGE_115KV_TB5	-4.06	-9.32	-5.00	-1.06	-10.80	-2.36	2.49	6.61	2.94	4.24	5.63	5.56	6.17	5.76	7.53	7.37	10.87	6.06	9.04	8.79	22.83	14.99	12.88	18.02
80291	0.00	0.06	0.04	0.04	0.10	-0.03	-0.01	0.02	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.02	0.10	0.12	0.46	0.25	0.12	0.06
	-6.98	-7.08	-6.59	-5.28	-7.61	-5.80	-4.02	-2.10	-3.31	-3.37	-3.25	-3.39	-3.03	-2.93	-1.64	-2.26	-1.49	-4.42	-3.20	-3.06	0.00	-1.48	-1.05	0.00
GREENIDGE___3	-4.06	-9.32	-5.00	-1.06	-10.80	-2.36	2.49	6.61	2.94	4.24	5.63	5.56	6.17	5.76	7.53	7.37	10.87	6.06	9.04	8.79	22.83	14.99	12.88	18.02
23582	0.00	0.06	0.04	0.04	0.10	-0.03	-0.01	0.02	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.01	0.01	0.01	0.02	0.10	0.12	0.46	0.25	0.12	0.06
	-6.98	-7.08	-6.59	-5.28	-7.61	-5.80	-4.02	-2.10	-3.31	-3.37	-3.25	-3.39	-3.03	-2.93	-1.64	-2.26	-1.49	-4.42	-3.20	-3.06	0.00	-1.48	-1.05	0.00
GREENIDGE___4	-4.06	-9.33	-5.00	-1.06	-10.80	-2.36	2.49	6.61	2.94	4.24	5.63	5.56	6.17	5.76	7.52	7.37	10.87	6.06	9.04	8.79	22.83	14.99	12.88	18.02
23583	0.00	0.06	0.04	0.04	0.10	-0.03	-0.01	0.02	-0.01	-0.01	0.00	0.00	-0.01	-0.01	-0.02	0.01	0.01	0.02	0.10	0.12	0.46	0.25	0.12	0.06
	-6.98	-7.08	-6.59	-5.28	-7.61	-5.80	-4.02	-2.10	-3.31	-3.37	-3.25	-3.39	-3.03	-2.93	-1.64	-2.26	-1.49	-4.42	-3.20	-3.06	0.00	-1.48	-1.05	0.00
GREENLWN_69_KV_BK 3	21.63	16.21	19.17	18.47	16.62	19.05	17.62	14.88	15.46	18.12	18.11	18.56	17.86	17.05	14.18	16.27	17.08	22.93	21.52	20.71	24.19	21.31	17.57	19.17
55738	-0.79	-1.25	-0.79	-0.44	-1.34	-0.63	-0.11	0.32	-0.03	0.07	0.17	0.14	0.19	0.18	0.43	0.33	0.57	0.13	0.46	0.42	1.82	0.98	0.85	1.21
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GREENWD_138_KV_38B11_REV_LBMP_J	21.64	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
345004	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.62	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
GRISSOM___SOLAR	37.11	31.99	33.73	30.18	33.44	31.94	26.55	19.59	22.81	24.59	25.35	26.09	24.58	23.54	17.69	21.22	20.20	32.82	28.68	27.63	24.44	24.86	20.08	19.50
323813	-0.85	-1.23	-0.92	-0.50	-1.46	-0.66	-0.12	0.36	-0.03	0.07	0.18	0.13	0.15	0.16	0.29	0.24	0.38	0.16	0.49	0.53	2.07	1.24	1.03	1.53
	-49.01	-49.69	-46.28	-37.05	-53.42	-40.73	-28.20	-14.75	-23.20	-23.66	-22.78	-23.78	-21.28	-20.54	-11.50	-15.88	-10.44	-31.04	-22.44	-21.50	-0.01	-10.35	-7.34	-0.01
GROVEVILLE___HYD	21.68	16.38	19.24	18.52	16.82	19.18	17.63	14.81	15.45	17.06	18.08	18.54	17.87	17.04	14.15	16.28	17.10	22.90	21.47	20.67	23.97	21.23	17.47	19.02
323602	-0.71	-1.05	-0.69	-0.37	-1.10	-0.48	-0.09	0.27	-0.02	0.05	0.15	0.14	0.20	0.19	0.41	0.35	0.61	0.11	0.41	0.40	1.60	0.91	0.75	1.06
	-33.43	-33.90	-31.57	-25.27	-36.44	-27.78	-19.23	-10.06	-15.83	-16.14	-15.54	-16.22	-14.52	-14.01	-7.84	-10.83	-7.12	-21.17	-15.31	-14.66	0.00	-7.06	-5.01	0.00
GRS_LOCK_115KV_LINE_2_SOLVAY	-6.85	-12.14	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
80269	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
HAMLTNNY_34_KV_TB	-6.66	-11.97	-7.46	-3.04	-13.62	-4.50	0.97	5.75	1.68	2.94	4.37	4.25	4.99	4.62	6.85	6.45	10.20	4.34	7.73	7.51	22.43	14.19	12.33	17.80
80303	0.07	0.12	0.10	0.07	0.19	0.05	0.01	-0.04	0.00	-0.01	-0.03	-0.02	-0.03	-0.03	-0.06	-0.04	-0.09	0.00	0.01	0.01	0.07	0.02	-0.03	-0.15
	-4.31	-4.38	-4.07	-3.26	-4.70	-3.59	-2.48	-1.30	-2.04	-2.08	-2.01	-2.09	-1.87	-1.81	-1.01	-1.40	-0.92	-2.73	-1.97	-1.90	0.00	-0.91	-0.65	0.00
HAMPSHIRE___PAPER_HYD	-9.59	-14.67	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.38	2.29	6.10	6.02	22.15	13.50	11.83	17.98
323593	0.33	0.51	0.37	0.18	0.56	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.03
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
HARDSCRABBLE_WT_PWR	-10.95	-16.24	-11.54	-6.31	-18.35	-8.07	-1.50	4.43	-0.36	0.86	2.38	2.18	3.11	2.81	5.82	5.04	9.32	1.61	5.76	5.63	22.40	13.32	11.75	17.97
323673	0.09	0.23	0.10	0.07	0.16	0.06	0.02	-0.06	0.00	-0.01	0.00	0.00	-0.04	-0.04	-0.08	-0.06	-0.05	0.00	0.02	0.02	0.03	0.05	0.04	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G	19.62	14.33	17.31	16.95	14.60	17.46	16.42	14.15	14.44	16.03	17.08	17.50	16.93	16.14	13.62	15.56	16.60	21.54	20.46	19.70	23.78	20.68	17.06	18.91
345025	-0.65	-0.95	-0.62	-0.34	-1.01	-0.44	-0.08	0.24	-0.02	0.04	0.14	0.13	0.18	0.17	0.37	0.31	0.55	0.10	0.38	0.36	1.41	0.80	0.65	0.94
	-31.31	-31.74	-29.57	-23.67	-34.12	-26.02	-18.01	-9.42	-14.82	-15.11	-14.55	-15.19	-13.60	-13.12	-7.35	-10.15	-6.67	-19.83	-14.34	-13.73	0.00	-6.62	-4.69	0.00
HARSNRAD_115KV_TB1	-5.28	-10.49	-6.17	-1.98	-12.20	-3.44	1.78	6.13	2.35	3.60	4.95	4.86	5.50	5.12	6.98	6.73	10.05	5.16	8.10	7.93	21.56	13.97	12.01	16.97
81005	0.03	0.16	0.06	0.06	0.06	-0.08	0.00	-0.08	0.00	-0.04	-0.10	-0.10	-0.13	-0.12	-0.27	-0.23	-0.54	-0.08	-0.27	-0.21	-0.80	-0.51	-0.57	-0.99
	-5.73	-5.81	-5.41	-4.34	-6.25	-4.77	-3.30	-1.72	-2.72	-2.77	-2.66	-2.78	-2.49	-2.40	-1.35	-1.86	-1.22	-3.63	-2.63	-2.53	0.00	-1.22	-0.86	0.00
HARZA MOOSE___RIVER	-9.41	-14.68	-10.06	-4.74	-16.57	-6.40	-0.30	5.40	0.38	1.56	3.06	2.87	3.75	3.44	6.21	5.55	9.66	2.53	6.41	6.32	22.77	13.85	12.06	18.25
24016	0.19	0.29	0.20	0.09	0.27	0.13	0.02	-0.03	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.02	-0.01	0.01	0.01	0.08	0.40	0.28	0.13	0.30
	-1.44	-1.50	-1.38	-1.54	-1.67	-1.60	-1.21	-0.94	-0.73	-0.69	-0.67	-0.70	-0.62	-0.60	-0.34	-0.46	-0.31	-0.91	-0.66	-0.63	0.00	-0.30	-0.21	0.00

HDSNBRDG_115KV_BRDG_TB1	-7.15	-12.42	-7.93	-3.44	-14.16	-4.93	0.65	5.55	1.42	2.66	4.09	3.96	4.72	4.37	6.68	6.23	10.01	3.97	7.41	7.22	22.22	13.95	12.13	17.67
355580	0.14	0.25	0.17	0.10	0.27	0.09	0.02	-0.06	0.00	-0.02	-0.04	-0.04	-0.06	-0.05	-0.10	-0.08	-0.16	-0.02	-0.05	-0.04	-0.15	-0.11	-0.14	-0.28
	-3.75	-3.80	-3.54	-2.83	-4.09	-3.11	-2.16	-1.13	-1.77	-1.81	-1.74	-1.82	-1.63	-1.57	-0.88	-1.21	-0.80	-2.37	-1.72	-1.64	0.00	-0.79	-0.56	0.00
HELLGATE_13_KV_LD	21.64	16.29	19.20	18.50	16.74	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.16	22.91	21.49	20.69	24.00	21.25	17.51	19.08
55870	-0.77	-1.16	-0.75	-0.41	-1.20	-0.51	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.38	0.65	0.11	0.43	0.41	1.63	0.92	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J	21.64	16.29	19.20	18.50	16.74	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.16	22.91	21.49	20.69	24.00	21.25	17.51	19.08
345018	-0.77	-1.16	-0.75	-0.41	-1.20	-0.51	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.38	0.65	0.11	0.43	0.41	1.63	0.92	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HEMPSTEAD____	21.64	16.25	19.19	18.49	16.68	19.10	17.63	14.85	15.46	18.11	18.11	18.56	17.87	17.05	14.19	16.28	17.11	22.92	21.51	20.71	24.12	21.29	17.56	19.17
23647	-0.77	-1.20	-0.76	-0.42	-1.27	-0.57	-0.10	0.30	-0.02	0.06	0.17	0.15	0.19	0.19	0.44	0.34	0.61	0.12	0.45	0.42	1.75	0.96	0.84	1.21
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HEWLETT__69_KV_BK3	21.55	16.12	19.09	18.43	16.48	19.01	17.61	14.90	15.45	18.12	18.13	18.58	17.89	17.08	14.23	16.32	17.18	22.94	21.57	20.76	24.31	21.37	17.66	19.34
55828	-0.86	-1.34	-0.86	-0.49	-1.47	-0.67	-0.12	0.35	-0.03	0.07	0.19	0.16	0.21	0.21	0.48	0.38	0.68	0.14	0.50	0.48	1.94	1.04	0.93	1.38
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HICKLING___1	-2.19	-7.53	-3.24	0.38	-8.84	-0.80	3.61	7.24	3.86	5.20	6.58	6.55	7.08	6.63	8.10	8.09	11.43	7.33	10.02	9.69	23.01	15.49	13.27	18.18
23621	-0.10	-0.13	-0.05	-0.01	-0.08	-0.11	-0.02	0.06	-0.02	0.01	0.03	0.03	0.05	0.04	0.09	0.09	0.15	0.05	0.18	0.16	0.64	0.34	0.22	0.22
	-8.95	-9.07	-8.45	-6.76	-9.75	-7.44	-5.15	-2.69	-4.24	-4.32	-4.16	-4.34	-3.89	-3.75	-2.10	-2.90	-1.91	-5.67	-4.10	-3.92	0.00	-1.89	-1.34	0.00
HICKLING___2	-2.19	-7.53	-3.24	0.38	-8.84	-0.80	3.61	7.24	3.86	5.20	6.58	6.55	7.08	6.63	8.10	8.09	11.43	7.33	10.02	9.69	23.01	15.49	13.27	18.18
23622	-0.10	-0.13	-0.05	-0.01	-0.08	-0.11	-0.02	0.06	-0.02	0.01	0.03	0.03	0.05	0.04	0.09	0.09	0.15	0.05	0.18	0.16	0.64	0.34	0.22	0.22
	-8.95	-9.07	-8.45	-6.76	-9.75	-7.44	-5.15	-2.69	-4.24	-4.32	-4.16	-4.34	-3.89	-3.75	-2.10	-2.90	-1.91	-5.67	-4.10	-3.92	0.00	-1.89	-1.34	0.00
HIGH FALLS___HY	21.03	15.74	18.63	18.02	16.10	18.62	17.24	14.60	15.12	16.72	17.75	18.20	17.55	16.73	13.95	16.03	16.90	22.45	21.13	20.35	23.93	21.05	17.31	18.94
23754	-0.68	-0.99	-0.65	-0.36	-1.08	-0.46	-0.08	0.26	-0.02	0.04	0.14	0.13	0.18	0.16	0.37	0.32	0.55	0.10	0.39	0.38	1.56	0.87	0.69	0.98
	-32.75	-33.20	-30.93	-24.76	-35.69	-27.21	-18.84	-9.86	-15.50	-15.81	-15.22	-15.89	-14.22	-13.72	-7.68	-10.61	-6.98	-20.74	-14.99	-14.36	0.00	-6.92	-4.90	0.00
HILLBURN___GT	20.08	14.80	17.74	17.29	15.08	17.83	16.68	14.29	14.66	16.25	17.29	17.72	17.13	16.33	13.73	15.71	16.69	21.83	20.66	19.89	23.74	20.75	17.10	18.89
23639	-0.65	-0.95	-0.63	-0.35	-1.04	-0.45	-0.08	0.25	-0.02	0.05	0.14	0.13	0.18	0.17	0.37	0.31	0.55	0.10	0.37	0.35	1.37	0.77	0.63	0.93
	-31.77	-32.21	-30.00	-24.02	-34.63	-26.40	-18.28	-9.56	-15.04	-15.34	-14.77	-15.41	-13.80	-13.31	-7.45	-10.29	-6.77	-20.12	-14.55	-13.93	0.00	-6.71	-4.76	0.00
HILLSIDE_115KV_TB1	-1.84	-7.13	-2.90	0.62	-8.43	-0.52	3.78	7.29	3.99	5.32	6.69	6.67	7.17	6.72	8.11	8.13	11.40	7.48	10.08	9.73	22.73	15.38	13.17	18.00
80332	-0.01	0.00	0.04	0.02	0.04	-0.05	0.00	0.03	-0.01	0.00	0.02	0.02	0.02	0.02	0.05	0.04	0.06	0.04	0.12	0.08	0.36	0.17	0.09	0.04
	-9.21	-9.34	-8.70	-6.97	-10.04	-7.66	-5.30	-2.77	-4.36	-4.45	-4.28	-4.47	-4.00	-3.86	-2.16	-2.99	-1.96	-5.84	-4.22	-4.04	0.00	-1.94	-1.38	0.00
HISHELDN_WT_PWR	-4.15	-9.31	-5.07	-1.14	-10.91	-2.53	2.36	6.43	2.82	4.09	5.45	5.39	5.99	5.59	7.31	7.14	10.45	5.82	8.66	8.46	21.93	14.38	12.38	17.31
323625	0.17	0.33	0.22	0.15	0.27	0.01	0.01	-0.08	-0.01	-0.03	-0.06	-0.06	-0.08	-0.07	-0.17	-0.13	-0.36	-0.05	-0.16	-0.12	-0.44	-0.31	-0.35	-0.64
	-6.73	-6.82	-6.35	-5.09	-7.33	-5.59	-3.87	-2.02	-3.19	-3.25	-3.13	-3.27	-2.92	-2.82	-1.58	-2.18	-1.43	-4.26	-3.08	-2.97	0.00	-1.43	-1.01	0.00
HOLTSVILLE_IC_1	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.42	21.44	17.68	19.29
23690	-0.88	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.35	0.62	0.14	0.51	0.48	2.04	1.11	0.95	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_10	21.47	15.95	18.99	18.38	16.34	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.88	17.07	14.24	16.32	17.18	22.96	21.62	20.80	24.59	21.54	17.76	19.38
23699	-0.94	-1.51	-0.96	-0.54	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.55	0.52	2.22	1.21	1.03	1.42
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_2	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.42	21.44	17.68	19.29
23691	-0.88	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.35	0.62	0.14	0.51	0.48	2.04	1.11	0.95	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_3	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.42	21.44	17.68	19.29
23692	-0.88	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.35	0.62	0.14	0.51	0.48	2.04	1.11	0.95	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

HOLTSVILLE_IC_4	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.42	21.44	17.68	19.29
23693	-0.88	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.35	0.62	0.14	0.51	0.48	2.04	1.11	0.95	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_5	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.42	21.44	17.68	19.29
23694	-0.88	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.35	0.62	0.14	0.51	0.48	2.04	1.11	0.95	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_6	21.47	15.95	18.99	18.38	16.34	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.88	17.07	14.24	16.32	17.18	22.96	21.62	20.80	24.59	21.54	17.76	19.38
23695	-0.94	-1.51	-0.96	-0.54	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.55	0.52	2.22	1.21	1.03	1.42
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_7	21.47	15.95	18.99	18.38	16.34	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.88	17.07	14.24	16.32	17.18	22.96	21.62	20.80	24.59	21.54	17.76	19.38
23696	-0.94	-1.51	-0.96	-0.54	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.55	0.52	2.22	1.21	1.03	1.42
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_8	21.47	15.95	18.99	18.38	16.34	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.88	17.07	14.24	16.32	17.18	22.96	21.62	20.80	24.59	21.54	17.76	19.38
23697	-0.94	-1.51	-0.96	-0.54	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.55	0.52	2.22	1.21	1.03	1.42
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOLTSVILLE_IC_9	21.47	15.95	18.99	18.38	16.34	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.88	17.07	14.24	16.32	17.18	22.96	21.62	20.80	24.59	21.54	17.76	19.38
23698	-0.94	-1.51	-0.96	-0.54	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.55	0.52	2.22	1.21	1.03	1.42
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HOMER_HL_115KV_TB2	-4.46	-9.81	-5.42	-1.29	-11.43	-2.68	2.41	6.68	2.88	4.21	5.64	5.57	6.20	5.77	7.59	7.41	10.93	5.99	8.97	8.72	22.84	14.94	12.87	18.11
355744	-0.31	-0.34	-0.29	-0.13	-0.44	-0.29	-0.04	0.12	-0.02	0.01	0.04	0.04	0.06	0.03	0.07	0.08	0.09	0.01	0.07	0.08	0.47	0.21	0.12	0.15
	-6.89	-6.99	-6.51	-5.21	-7.52	-5.73	-3.97	-2.08	-3.26	-3.33	-3.20	-3.34	-2.99	-2.89	-1.62	-2.23	-1.47	-4.37	-3.16	-3.03	0.00	-1.46	-1.04	0.00
HOWARD_WT_PWR	-3.56	-8.60	-4.44	-0.70	-9.79	-1.91	2.66	6.56	3.03	4.33	5.72	5.65	6.23	5.83	7.60	7.49	11.02	6.20	9.19	8.93	22.99	15.15	12.98	18.08
323690	0.29	0.58	0.41	0.25	0.89	0.24	0.04	-0.09	-0.01	-0.01	-0.01	-0.02	-0.03	-0.03	0.01	0.06	0.12	0.04	0.16	0.16	0.62	0.37	0.19	0.13
	-7.19	-7.29	-6.79	-5.43	-7.83	-5.97	-4.13	-2.16	-3.40	-3.47	-3.34	-3.49	-3.12	-3.01	-1.69	-2.33	-1.53	-4.55	-3.29	-3.15	0.00	-1.52	-1.08	0.00
HQ_GEN_CEDARS	-10.89	-16.16	-11.45	-5.49	-18.06	-7.26	-0.83	5.32	-0.25	0.86	2.36	2.15	3.11	2.81	5.80	5.01	9.23	1.58	5.61	5.48	21.86	13.02	11.53	17.76
23644	0.15	0.24	0.16	0.08	0.26	0.15	0.03	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.04	-0.10	-0.09	-0.14	-0.03	-0.13	-0.13	-0.51	-0.24	-0.18	-0.20
	0.00	-0.07	-0.03	-0.80	-0.19	-0.72	-0.67	-0.89	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HQ_GEN_CEDARS_PROXY	-10.89	-16.16	-11.45	-5.49	-18.06	-7.26	-0.83	5.32	-0.25	0.86	2.36	2.15	3.11	2.81	5.80	5.01	9.23	1.58	5.61	5.48	21.86	13.02	11.53	17.76
323590	0.15	0.23	0.16	0.08	0.26	0.15	0.03	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.04	-0.10	-0.09	-0.14	-0.03	-0.13	-0.13	-0.51	-0.24	-0.18	-0.20
	0.00	-0.07	-0.03	-0.80	-0.19	-0.72	-0.67	-0.89	-0.09	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HQ_GEN_IMPORT	-10.89	-15.80	-11.49	-6.30	-18.27	-8.01	-1.50	4.42	-0.35	0.86	2.36	2.15	3.11	2.81	5.82	5.03	9.25	1.59	5.64	5.50	21.93	13.02	11.53	17.73
323601	0.15	0.21	0.15	0.08	0.25	0.12	0.02	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.08	-0.07	-0.12	-0.02	-0.11	-0.11	-0.44	-0.24	-0.19	-0.23
	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HQ_GEN_WHEEL	-10.89	-15.80	-11.49	-6.30	-18.27	-8.01	-1.50	4.42	-0.35	0.86	2.36	2.15	3.11	2.81	5.82	5.03	9.25	1.59	5.64	5.50	21.93	13.02	11.53	17.73
23651	0.15	0.21	0.15	0.08	0.25	0.12	0.02	-0.06	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.08	-0.07	-0.12	-0.02	-0.11	-0.11	-0.44	-0.24	-0.19	-0.23
	0.00	-0.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
HUDSON AVE_GT_3	21.67	16.34	19.25	18.52	16.80	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.49	20.69	23.97	21.23	17.50	19.06
23810	-0.73	-1.10	-0.70	-0.39	-1.14	-0.48	-0.08	0.27	-0.02	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.65	0.11	0.43	0.40	1.60	0.91	0.78	1.10
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HUDSON AVE_GT_4	21.67	16.34	19.25	18.52	16.80	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.49	20.69	23.97	21.23	17.50	19.06
23540	-0.73	-1.10	-0.70	-0.39	-1.14	-0.48	-0.08	0.27	-0.02	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.65	0.11	0.43	0.40	1.60	0.91	0.78	1.10
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HUDSON AVE_GT_5	21.67	16.34	19.25	18.52	16.80	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.49	20.69	23.97	21.23	17.50	19.06
23657	-0.73	-1.10	-0.70	-0.39	-1.14	-0.48	-0.08	0.27	-0.02	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.65	0.11	0.43	0.40	1.60	0.91	0.78	1.10
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

HUDSON_AVE_10	21.70	16.38	19.27	18.54	16.85	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.10	22.90	21.46	20.66	23.88	21.18	17.46	19.02
24168	-0.71	-1.06	-0.67	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.15	0.14	0.21	0.19	0.42	0.35	0.61	0.11	0.40	0.38	1.52	0.85	0.74	1.05
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HUDSON___115KV_TB 4	28.66	23.52	25.80	23.74	24.44	24.91	21.57	16.84	18.69	20.35	21.23	21.82	20.78	19.85	15.62	18.37	18.38	27.20	24.48	23.58	23.64	22.52	18.41	18.94
355613	-0.56	-0.84	-0.59	-0.32	-0.93	-0.42	-0.08	0.23	-0.02	0.04	0.12	0.11	0.15	0.13	0.27	0.22	0.42	0.08	0.29	0.31	1.27	0.76	0.66	0.97
	-40.26	-40.83	-38.02	-30.44	-43.89	-33.46	-23.17	-12.12	-19.07	-19.43	-18.72	-19.53	-17.48	-16.87	-9.45	-13.05	-8.58	-25.50	-18.44	-17.66	0.00	-8.51	-6.03	0.00
HUNTER MOUNT___DRP	27.37	22.20	24.57	22.78	23.02	23.84	20.84	16.48	18.09	19.74	20.65	21.22	20.23	19.32	15.32	17.96	18.12	26.41	23.91	23.05	23.77	22.34	18.29	19.03
323613	-0.59	-0.89	-0.63	-0.34	-0.98	-0.45	-0.09	0.25	-0.02	0.04	0.13	0.11	0.15	0.13	0.27	0.23	0.44	0.08	0.31	0.33	1.40	0.84	0.73	1.07
	-39.01	-39.55	-36.84	-29.49	-42.52	-32.42	-22.44	-11.74	-18.47	-18.83	-18.13	-18.93	-16.94	-16.35	-9.15	-12.64	-8.31	-24.71	-17.86	-17.11	0.00	-8.24	-5.84	0.00
HUNTINGTON_RES_REC	21.56	16.09	19.10	18.44	16.51	19.00	17.61	14.90	15.45	18.12	18.12	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.40	21.43	17.67	19.28
323705	-0.85	-1.36	-0.86	-0.48	-1.44	-0.67	-0.12	0.34	-0.03	0.07	0.18	0.15	0.19	0.19	0.45	0.35	0.62	0.14	0.51	0.48	2.03	1.10	0.95	1.31
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
HUNTLEY___63	-5.17	-10.42	-6.08	-1.89	-12.13	-3.35	1.88	6.22	2.43	3.68	5.05	4.96	5.60	5.22	7.06	6.82	10.17	5.29	8.23	8.05	21.78	14.13	12.15	17.14
23557	-0.04	0.05	-0.02	0.02	-0.06	-0.13	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.46	-0.07	-0.23	-0.17	-0.59	-0.40	-0.46	-0.81
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.92	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
HUNTLEY___64	-5.17	-10.42	-6.08	-1.89	-12.13	-3.35	1.88	6.22	2.43	3.68	5.05	4.96	5.60	5.22	7.06	6.82	10.17	5.29	8.23	8.05	21.78	14.13	12.15	17.14
23558	-0.04	0.05	-0.02	0.02	-0.06	-0.13	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.46	-0.07	-0.23	-0.17	-0.59	-0.40	-0.46	-0.81
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.92	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
HUNTLEY___65	-5.17	-10.42	-6.08	-1.89	-12.13	-3.35	1.88	6.22	2.43	3.68	5.05	4.96	5.60	5.22	7.06	6.82	10.17	5.29	8.23	8.05	21.78	14.13	12.15	17.14
23559	-0.04	0.05	-0.02	0.02	-0.06	-0.13	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.46	-0.07	-0.23	-0.17	-0.59	-0.40	-0.46	-0.81
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.92	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
HUNTLEY___66	-5.17	-10.42	-6.08	-1.89	-12.13	-3.35	1.88	6.22	2.43	3.68	5.05	4.96	5.60	5.22	7.06	6.82	10.17	5.29	8.23	8.05	21.78	14.13	12.15	17.14
23560	-0.04	0.05	-0.02	0.02	-0.06	-0.13	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.46	-0.07	-0.23	-0.17	-0.59	-0.40	-0.46	-0.81
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.92	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
HUNTLEY___67	-4.99	-10.19	-5.89	-1.76	-11.86	-3.20	1.94	6.22	2.48	3.74	5.10	5.02	5.65	5.26	7.08	6.86	10.19	5.34	8.26	8.09	21.72	14.13	12.14	17.11
23561	0.05	0.19	0.07	0.07	0.10	-0.06	0.00	-0.07	0.00	-0.03	-0.08	-0.08	-0.10	-0.10	-0.23	-0.19	-0.46	-0.07	-0.23	-0.17	-0.64	-0.42	-0.48	-0.85
	-6.00	-6.09	-5.67	-4.54	-6.54	-4.99	-3.45	-1.81	-2.84	-2.90	-2.79	-2.91	-2.61	-2.52	-1.41	-1.95	-1.28	-3.81	-2.75	-2.65	0.00	-1.28	-0.91	0.00
HUNTLEY___68	-4.99	-10.19	-5.89	-1.76	-11.86	-3.20	1.94	6.22	2.48	3.74	5.10	5.02	5.65	5.26	7.08	6.86	10.19	5.34	8.26	8.09	21.72	14.13	12.14	17.11
23562	0.05	0.19	0.07	0.07	0.10	-0.06	0.00	-0.07	0.00	-0.03	-0.08	-0.08	-0.10	-0.10	-0.23	-0.19	-0.46	-0.07	-0.23	-0.17	-0.64	-0.42	-0.48	-0.85
	-6.00	-6.09	-5.67	-4.54	-6.54	-4.99	-3.45	-1.81	-2.84	-2.90	-2.79	-2.91	-2.61	-2.52	-1.41	-1.95	-1.28	-3.81	-2.75	-2.65	0.00	-1.28	-0.91	0.00
HYLAND___LFGE	-5.40	-10.75	-6.25	-1.97	-12.24	-3.40	1.86	6.32	2.44	3.73	5.13	5.04	5.69	5.30	7.26	7.03	10.63	5.40	8.56	8.43	23.53	15.24	13.07	18.43
323620	-0.29	-0.30	-0.22	-0.09	-0.20	-0.20	-0.04	0.06	-0.01	-0.01	-0.01	-0.02	-0.03	-0.03	-0.04	0.01	0.00	0.02	0.10	0.21	1.17	0.72	0.47	0.47
	-5.94	-6.02	-5.61	-4.49	-6.47	-4.93	-3.42	-1.79	-2.81	-2.86	-2.76	-2.88	-2.58	-2.49	-1.39	-1.93	-1.27	-3.76	-2.72	-2.61	0.00	-1.26	-0.89	0.00
INDECK___CORINTH	31.62	26.54	28.64	26.03	27.76	27.41	23.28	17.73	20.09	21.79	22.60	23.27	22.07	21.09	16.30	19.35	19.10	29.09	25.90	24.93	23.78	23.23	18.85	18.95
23802	-0.57	-0.84	-0.55	-0.28	-0.86	-0.40	-0.07	0.23	-0.02	0.05	0.12	0.10	0.15	0.13	0.25	0.24	0.51	0.09	0.36	0.36	1.41	0.83	0.66	0.98
	-43.24	-43.84	-40.83	-32.69	-47.13	-35.94	-24.88	-13.02	-20.47	-20.87	-20.10	-20.98	-18.78	-18.12	-10.15	-14.01	-9.21	-27.39	-19.80	-18.97	0.00	-9.14	-6.47	0.00
INDECK___ILION	-11.05	-16.44	-11.64	-6.37	-18.52	-8.14	-1.52	4.48	-0.36	0.87	2.40	2.18	3.14	2.84	5.88	5.09	9.37	1.62	5.78	5.65	22.51	13.36	11.77	18.02
23567	0.00	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	-0.02	-0.01	0.00	0.01	0.03	0.04	0.14	0.09	0.06	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
INDECK___OLEAN	-4.46	-9.84	-5.42	-1.29	-11.43	-2.69	2.41	6.68	2.88	4.21	5.64	5.57	6.20	5.77	7.59	7.41	10.94	6.00	8.97	8.72	22.83	14.94	12.87	18.11
23982	-0.32	-0.36	-0.29	-0.13	-0.44	-0.29	-0.04	0.12	-0.02	0.01	0.05	0.04	0.06	0.04	0.07	0.08	0.09	0.02	0.07	0.08	0.47	0.21	0.12	0.15
	-6.89	-6.99	-6.51	-5.21	-7.52	-5.73	-3.97	-2.08	-3.26	-3.33	-3.20	-3.34	-2.99	-2.89	-1.62	-2.23	-1.47	-4.37	-3.16	-3.03	0.00	-1.46	-1.04	0.00
INDECK___OSWEGO	-7.37	-12.58	-8.13	-3.64	-14.31	-5.13	0.45	5.37	1.24	2.46	3.88	3.74	4.51	4.16	6.50	6.03	9.79	3.70	7.14	6.97	21.91	13.69	11.93	17.46
23783	0.31	0.48	0.34	0.19	0.54	0.21	0.04	-0.13	0.01	-0.03	-0.07	-0.07	-0.10	-0.09	-0.19	-0.15	-0.29	-0.04	-0.14	-0.11	-0.45	-0.28	-0.28	-0.50
	-3.36	-3.41	-3.17	-2.54	-3.66	-2.79	-1.93	-1.01	-1.59	-1.62	-1.56	-1.63	-1.46	-1.41	-0.79	-1.09	-0.72	-2.13	-1.54	-1.47	0.00	-0.71	-0.50	0.00

INDECK___YERKES	-5.19	-10.45	-6.10	-1.89	-12.14	-3.36	1.88	6.22	2.43	3.68	5.05	4.97	5.60	5.22	7.07	6.83	10.18	5.29	8.23	8.05	21.80	14.14	12.16	17.16
23781	-0.06	0.02	-0.04	0.01	-0.07	-0.14	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.45	-0.07	-0.22	-0.16	-0.57	-0.38	-0.45	-0.80
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.91	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
INDIAN POINT_GT_1	21.78	16.51	19.35	18.59	16.97	19.26	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.80	21.14	17.40	18.92
24139	-0.64	-0.96	-0.62	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.56	0.10	0.38	0.36	1.42	0.81	0.68	0.95
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
INDIAN POINT_GT_2	21.78	16.51	19.35	18.59	16.97	19.26	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.80	21.14	17.40	18.92
23659	-0.64	-0.96	-0.62	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.56	0.10	0.38	0.36	1.42	0.81	0.68	0.95
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
INDIAN POINT_GT_3	21.78	16.51	19.35	18.59	16.97	19.26	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.80	21.14	17.40	18.92
24019	-0.64	-0.96	-0.62	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.56	0.10	0.38	0.36	1.42	0.81	0.68	0.95
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
INDIAN POINT___2	20.89	15.61	18.51	17.92	16.00	18.52	17.15	14.53	15.04	16.64	17.67	18.11	17.48	16.67	13.92	15.97	16.87	22.35	21.03	20.25	23.76	20.93	17.24	18.89
23530	-0.64	-0.95	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.55	0.10	0.37	0.35	1.39	0.78	0.65	0.93
	-32.58	-33.03	-30.77	-24.63	-35.51	-27.07	-18.74	-9.81	-15.43	-15.72	-15.14	-15.81	-14.15	-13.65	-7.64	-10.56	-6.94	-20.64	-14.92	-14.29	0.00	-6.88	-4.88	0.00
INDIAN POINT___3	21.45	16.17	19.03	18.33	16.60	18.97	17.46	14.69	15.30	16.90	17.92	18.38	17.71	16.90	14.05	16.15	16.98	22.69	21.28	20.49	23.75	21.05	17.33	18.89
23531	-0.63	-0.95	-0.61	-0.34	-0.99	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.37	0.32	0.55	0.10	0.37	0.34	1.38	0.78	0.65	0.93
	-33.12	-33.58	-31.28	-25.04	-36.10	-27.53	-19.06	-9.97	-15.68	-15.99	-15.40	-16.07	-14.38	-13.88	-7.77	-10.73	-7.06	-20.98	-15.17	-14.53	0.00	-7.00	-4.96	0.00
INGHAM_C_115KV_TB7	-11.00	-16.34	-11.59	-6.34	-18.43	-8.11	-1.51	4.45	-0.36	0.87	2.39	2.18	3.12	2.81	5.82	5.03	9.30	1.62	5.77	5.64	22.47	13.36	11.76	18.00
356103	0.04	0.13	0.05	0.04	0.08	0.02	0.01	-0.04	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.08	-0.07	-0.07	0.00	0.02	0.03	0.10	0.09	0.05	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
IP CORINTH___1	31.62	26.53	28.64	26.03	27.76	27.41	23.28	17.73	20.09	21.79	22.60	23.27	22.07	21.09	16.30	19.35	19.10	29.09	25.90	24.93	23.78	23.23	18.85	18.94
23988	-0.58	-0.84	-0.56	-0.28	-0.86	-0.40	-0.07	0.23	-0.02	0.05	0.11	0.10	0.15	0.13	0.25	0.24	0.51	0.09	0.36	0.36	1.41	0.83	0.66	0.98
	-43.24	-43.84	-40.83	-32.69	-47.13	-35.94	-24.88	-13.02	-20.47	-20.87	-20.10	-20.98	-18.78	-18.12	-10.15	-14.01	-9.21	-27.39	-19.80	-18.97	0.00	-9.14	-6.47	0.00
IP___TICONDEROGA	30.90	25.54	28.01	25.70	26.64	26.85	23.15	18.00	20.04	21.79	22.66	23.32	22.16	21.16	16.50	19.56	19.60	29.13	26.21	25.25	25.12	24.04	19.45	19.96
23804	-1.23	-1.77	-1.13	-0.57	-1.91	-0.90	-0.17	0.52	-0.04	0.08	0.21	0.19	0.26	0.22	0.46	0.47	1.02	0.17	0.70	0.70	2.74	1.65	1.27	2.00
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
ISLIP_RES_REC	21.44	15.89	18.96	18.36	16.29	18.90	17.59	14.95	15.45	18.13	18.14	18.59	17.89	17.07	14.26	16.33	17.21	22.97	21.65	20.83	24.69	21.60	17.80	19.44
323679	-0.97	-1.56	-1.00	-0.56	-1.66	-0.77	-0.14	0.39	-0.03	0.08	0.20	0.17	0.22	0.21	0.51	0.39	0.71	0.16	0.58	0.54	2.32	1.27	1.08	1.48
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
JAMAICA__27_KV_LOAD	21.68	16.34	19.26	18.52	16.80	19.18	17.64	14.84	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.08	22.90	21.45	20.66	23.87	21.17	17.48	19.06
355505	-0.73	-1.11	-0.69	-0.39	-1.15	-0.48	-0.08	0.28	-0.02	0.05	0.15	0.14	0.21	0.20	0.42	0.35	0.58	0.10	0.39	0.38	1.50	0.85	0.76	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
JANIS___SOLAR	-1.98	-7.44	-3.11	0.53	-8.84	-0.61	3.83	7.46	4.07	5.42	6.79	6.76	7.25	6.79	8.13	8.18	11.48	7.60	10.28	9.98	23.51	15.88	13.59	18.57
323808	-0.32	-0.48	-0.32	-0.18	-0.55	-0.27	-0.05	0.15	-0.02	0.02	0.04	0.03	0.03	0.01	0.03	0.04	0.11	0.05	0.24	0.26	1.14	0.64	0.47	0.62
	-9.38	-9.51	-8.86	-7.09	-10.22	-7.79	-5.40	-2.82	-4.44	-4.53	-4.36	-4.55	-4.07	-3.93	-2.20	-3.04	-2.00	-5.94	-4.29	-4.11	0.00	-1.98	-1.40	0.00
JARVIS____	-11.04	-16.45	-11.64	-6.37	-18.52	-8.14	-1.52	4.49	-0.36	0.87	2.39	2.18	3.15	2.85	5.91	5.10	9.38	1.62	5.76	5.63	22.44	13.30	11.74	17.97
23743	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.07	0.04	0.02	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
JENNISON___1	0.25	-5.23	-1.01	2.23	-6.49	1.25	5.16	8.21	5.17	6.56	7.93	7.95	8.34	7.84	8.82	9.06	12.18	9.11	11.42	11.06	23.67	16.46	14.02	18.72
23625	-0.43	-0.65	-0.44	-0.25	-0.75	-0.36	-0.07	0.20	-0.02	0.03	0.10	0.08	0.11	0.09	0.17	0.17	0.32	0.08	0.31	0.31	1.30	0.73	0.56	0.76
	-11.72	-11.88	-11.07	-8.86	-12.77	-9.74	-6.74	-3.53	-5.55	-5.66	-5.45	-5.69	-5.09	-4.91	-2.75	-3.80	-2.50	-7.42	-5.37	-5.14	0.00	-2.47	-1.75	0.00
JENNISON___2	0.25	-5.23	-1.01	2.23	-6.49	1.25	5.16	8.21	5.17	6.56	7.93	7.95	8.34	7.84	8.82	9.06	12.18	9.11	11.42	11.06	23.67	16.46	14.02	18.72
23626	-0.43	-0.65	-0.44	-0.25	-0.75	-0.36	-0.07	0.20	-0.02	0.03	0.10	0.08	0.11	0.09	0.17	0.17	0.32	0.08	0.31	0.31	1.30	0.73	0.56	0.76
	-11.72	-11.88	-11.07	-8.86	-12.77	-9.74	-6.74	-3.53	-5.55	-5.66	-5.45	-5.69	-5.09	-4.91	-2.75	-3.80	-2.50	-7.42	-5.37	-5.14	0.00	-2.47	-1.75	0.00

JERICHO_RISE_WT_PWR	-10.82	-17.22	-11.70	-22.12	-21.42	-21.98	-14.78	-13.71	-2.25	0.86	2.34	2.14	3.13	2.81	5.81	5.01	9.36	1.61	5.67	5.56	22.24	13.24	11.70	18.03
323719	0.22	0.70	0.61	0.35	0.86	0.51	0.09	-0.25	0.02	-0.01	-0.05	-0.04	-0.02	-0.03	-0.09	-0.09	-0.02	0.00	-0.08	-0.05	-0.13	-0.02	-0.01	0.07
	0.00	1.45	0.67	16.09	3.77	14.36	13.35	17.95	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
KATONAH__115KV_46KV_TB4	22.15	16.87	19.69	18.87	17.35	19.57	17.89	14.94	15.66	17.27	18.29	18.76	18.06	17.23	14.26	16.42	17.19	23.18	21.66	20.86	23.91	21.29	17.52	18.99
355592	-0.69	-1.01	-0.66	-0.36	-1.07	-0.46	-0.08	0.26	-0.02	0.06	0.15	0.14	0.20	0.19	0.41	0.35	0.60	0.11	0.40	0.39	1.54	0.87	0.73	1.03
	-33.88	-34.35	-31.99	-25.61	-36.93	-28.15	-19.49	-10.20	-16.04	-16.35	-15.75	-16.44	-14.71	-14.20	-7.95	-10.98	-7.22	-21.46	-15.51	-14.86	0.00	-7.16	-5.07	0.00
KCE_NY_1	31.47	26.39	28.49	25.90	27.56	27.27	23.19	17.68	20.02	21.71	22.53	23.19	22.01	21.03	16.28	19.30	19.04	28.99	25.80	24.83	23.69	23.14	18.80	18.90
323755	-0.56	-0.83	-0.56	-0.30	-0.89	-0.40	-0.07	0.23	-0.02	0.05	0.12	0.11	0.16	0.14	0.27	0.25	0.49	0.09	0.33	0.33	1.32	0.77	0.64	0.94
	-43.08	-43.68	-40.68	-32.57	-46.96	-35.80	-24.79	-12.97	-20.40	-20.79	-20.03	-20.90	-18.71	-18.05	-10.11	-13.96	-9.18	-27.29	-19.73	-18.89	0.00	-9.10	-6.45	0.00
KCE_NY_6_ESR	-4.81	-10.06	-5.73	-1.61	-11.70	-3.05	2.07	6.34	2.59	3.87	5.24	5.16	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.09	14.40	12.37	17.39
323823	-0.02	0.07	0.00	0.04	0.00	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.16	-0.12	-0.34	-0.05	-0.14	-0.08	-0.28	-0.20	-0.29	-0.57
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
KEDC PORT_JEFF_GT2	21.49	15.97	19.01	18.39	16.37	18.94	17.59	14.93	15.45	18.13	18.14	18.58	17.88	17.06	14.23	16.31	17.16	22.96	21.61	20.79	24.54	21.51	17.74	19.36
24210	-0.92	-1.48	-0.95	-0.53	-1.59	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.16	0.21	0.20	0.48	0.37	0.66	0.15	0.55	0.51	2.17	1.18	1.01	1.40
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KEDC PORT_JEFF_GT3	21.49	15.97	19.01	18.39	16.37	18.94	17.59	14.93	15.45	18.13	18.14	18.58	17.88	17.06	14.23	16.31	17.16	22.96	21.61	20.79	24.54	21.51	17.74	19.36
24211	-0.92	-1.48	-0.95	-0.53	-1.59	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.16	0.21	0.20	0.48	0.37	0.66	0.15	0.55	0.51	2.17	1.18	1.01	1.40
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KEDC_GLWD_GT4	21.63	16.25	19.18	18.49	16.68	19.11	17.63	14.86	15.46	18.11	18.12	18.57	17.89	17.07	14.21	16.31	17.15	22.92	21.49	20.69	24.01	21.25	17.57	19.18
24219	-0.79	-1.20	-0.77	-0.43	-1.27	-0.56	-0.10	0.30	-0.02	0.06	0.18	0.15	0.21	0.21	0.46	0.37	0.65	0.12	0.42	0.40	1.64	0.91	0.84	1.22
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KEDC_GLWD_GT5	21.63	16.25	19.18	18.49	16.68	19.11	17.63	14.86	15.46	18.11	18.12	18.57	17.89	17.07	14.21	16.31	17.15	22.92	21.49	20.69	24.01	21.25	17.57	19.18
24220	-0.79	-1.20	-0.77	-0.43	-1.27	-0.56	-0.10	0.30	-0.02	0.06	0.18	0.15	0.21	0.21	0.46	0.37	0.65	0.12	0.42	0.40	1.64	0.91	0.84	1.22
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KENSICO____	21.67	16.39	19.24	18.51	16.83	19.17	17.61	14.78	15.42	17.03	18.05	18.51	17.84	17.01	14.13	16.25	17.06	22.86	21.41	20.62	23.82	21.14	17.40	18.95
23655	-0.66	-0.99	-0.64	-0.36	-1.04	-0.44	-0.08	0.25	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.33	0.58	0.10	0.38	0.37	1.45	0.83	0.69	0.99
	-33.38	-33.85	-31.53	-25.24	-36.38	-27.74	-19.21	-10.05	-15.81	-16.11	-15.52	-16.20	-14.49	-13.99	-7.83	-10.82	-7.12	-21.14	-15.29	-14.64	0.00	-7.05	-5.00	0.00
KERHONKS_69_KV_TR1_REV_LBMP_G	19.41	14.10	17.11	16.80	14.33	17.28	16.31	14.12	14.36	15.95	17.01	17.42	16.85	16.06	13.58	15.51	16.56	21.44	20.40	19.65	23.94	20.73	17.08	18.97
345021	-0.68	-1.00	-0.66	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.14	0.13	0.19	0.17	0.37	0.32	0.55	0.10	0.39	0.39	1.57	0.88	0.71	1.01
	-31.14	-31.57	-29.41	-23.54	-33.94	-25.88	-17.92	-9.37	-14.75	-15.03	-14.48	-15.11	-13.52	-13.05	-7.31	-10.09	-6.64	-19.73	-14.26	-13.66	0.00	-6.58	-4.66	0.00
KIAC_JFK_GT1	21.73	16.42	19.31	18.56	16.89	19.22	17.65	14.81	15.45	17.06	18.08	18.54	17.87	17.04	14.15	16.26	17.00	22.88	21.40	20.61	23.69	21.06	17.43	18.96
23816	-0.67	-1.03	-0.64	-0.36	-1.05	-0.44	-0.08	0.26	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.32	0.51	0.09	0.34	0.33	1.32	0.73	0.70	1.00
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KIAC_JFK_GT2	21.73	16.42	19.31	18.56	16.89	19.22	17.65	14.81	15.45	17.06	18.08	18.54	17.87	17.04	14.15	16.26	17.00	22.88	21.40	20.61	23.69	21.06	17.43	18.96
23817	-0.67	-1.03	-0.64	-0.36	-1.05	-0.44	-0.08	0.26	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.32	0.51	0.09	0.34	0.33	1.32	0.73	0.70	1.00
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KIAC_JFK____	21.73	16.42	19.31	18.56	16.89	19.22	17.65	14.81	15.45	17.06	18.08	18.54	17.87	17.04	14.15	16.26	17.00	22.88	21.40	20.61	23.69	21.06	17.43	18.96
323774	-0.67	-1.03	-0.64	-0.36	-1.05	-0.44	-0.08	0.26	-0.02	0.05	0.14	0.13	0.19	0.18	0.40	0.32	0.51	0.09	0.34	0.33	1.32	0.73	0.70	1.00
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.12	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
KINTIGH____	-5.72	-10.93	-6.58	-2.32	-12.64	-3.79	1.51	5.98	2.12	3.37	4.75	4.66	5.32	4.95	6.91	6.62	10.06	4.87	7.93	7.75	21.71	13.95	12.03	17.12
23543	0.08	0.21	0.10	0.08	0.15	-0.02	0.01	-0.08	0.00	-0.03	-0.08	-0.08	-0.10	-0.10	-0.22	-0.18	-0.43	-0.07	-0.22	-0.17	-0.66	-0.42	-0.48	-0.84
	-5.25	-5.33	-4.96	-3.97	-5.72	-4.37	-3.02	-1.58	-2.49	-2.53	-2.44	-2.55	-2.28	-2.20	-1.23	-1.70	-1.12	-3.33	-2.41	-2.31	0.00	-1.12	-0.79	0.00
KNTFSRNC_46_KV_46KV_LOAD	-11.00	-17.34	-11.79	-21.34	-21.40	-21.32	-14.11	-12.74	-2.15	0.87	2.36	2.16	3.16	2.84	5.87	5.06	9.47	1.64	5.76	5.65	22.60	13.46	11.86	18.25
80397	0.04	0.50	0.48	0.30	0.68	0.43	0.07	-0.20	0.02	0.00	-0.03	-0.02	0.01	-0.01	-0.04	-0.04	0.10	0.02	0.01	0.04	0.23	0.20	0.15	0.29
	0.00	1.38	0.64	15.26	3.58	13.62	12.66	17.02	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

LACHUTE___HYDRO	30.90	25.53	28.01	25.70	26.63	26.85	23.15	18.00	20.04	21.79	22.67	23.32	22.16	21.16	16.50	19.56	19.60	29.13	26.21	25.25	25.12	24.04	19.45	19.96
323717	-1.23	-1.77	-1.12	-0.57	-1.91	-0.90	-0.17	0.52	-0.04	0.08	0.21	0.19	0.26	0.22	0.47	0.47	1.02	0.17	0.70	0.70	2.74	1.65	1.27	2.00
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
LAWRNCAV_115KV_TB1	-10.82	-15.92	-11.30	-4.24	-17.65	-6.12	0.18	6.63	-0.11	0.86	2.35	2.14	3.09	2.78	5.72	4.94	9.12	1.56	5.54	5.42	21.71	13.01	11.53	17.77
80681	0.22	0.36	0.26	0.13	0.39	0.22	0.03	-0.09	0.01	-0.01	-0.04	-0.04	-0.05	-0.06	-0.18	-0.16	-0.25	-0.05	-0.20	-0.19	-0.66	-0.25	-0.18	-0.19
	0.00	-0.18	-0.08	-2.00	-0.47	-1.79	-1.66	-2.24	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LEDERLE____	20.37	15.07	18.01	17.53	15.40	18.09	16.87	14.41	14.82	16.42	17.46	17.90	17.29	16.49	13.84	15.84	16.81	22.06	20.85	20.07	23.88	20.90	17.22	18.97
23769	-0.70	-1.03	-0.67	-0.37	-1.09	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.19	0.40	0.34	0.60	0.11	0.40	0.38	1.51	0.86	0.70	1.01
	-32.11	-32.56	-30.32	-24.28	-35.00	-26.69	-18.48	-9.67	-15.20	-15.50	-14.93	-15.58	-13.94	-13.46	-7.53	-10.41	-6.84	-20.34	-14.70	-14.08	0.00	-6.78	-4.81	0.00
LIGHTHSE_115KV_TB6	-7.71	-12.93	-8.44	-3.90	-14.69	-5.40	0.26	5.30	1.08	2.31	3.74	3.60	4.38	4.05	6.46	5.96	9.79	3.51	7.03	6.91	22.25	13.85	12.05	17.76
355974	0.30	0.46	0.33	0.18	0.51	0.20	0.04	-0.10	0.00	-0.02	-0.05	-0.05	-0.08	-0.07	-0.15	-0.12	-0.23	-0.03	-0.10	-0.04	-0.12	-0.05	-0.12	-0.20
	-3.04	-3.08	-2.87	-2.30	-3.31	-2.53	-1.75	-0.91	-1.44	-1.47	-1.41	-1.48	-1.32	-1.27	-0.71	-0.98	-0.65	-1.93	-1.39	-1.33	0.00	-0.64	-0.45	0.00
LINDEN COGEN____	21.75	16.44	19.32	18.56	16.91	19.23	17.65	14.81	15.45	17.06	18.08	18.55	17.87	17.04	14.15	16.27	17.08	22.90	21.45	20.64	23.81	21.13	17.43	18.97
23786	-0.66	-1.01	-0.63	-0.35	-1.03	-0.43	-0.07	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.58	0.10	0.39	0.36	1.44	0.80	0.71	1.00
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
LINDHRST_69_KV_BK1	21.48	15.99	19.03	18.40	16.40	18.96	17.60	14.92	15.45	18.13	18.14	18.58	17.89	17.07	14.24	16.32	17.19	22.95	21.60	20.79	24.53	21.52	17.74	19.42
356055	-0.93	-1.46	-0.93	-0.52	-1.56	-0.72	-0.13	0.37	-0.03	0.07	0.19	0.16	0.21	0.21	0.49	0.38	0.69	0.14	0.54	0.51	2.16	1.19	1.02	1.46
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
LIPA_MISC_IPP	21.51	16.00	19.02	18.40	16.38	18.94	17.59	14.93	15.45	18.13	18.12	18.57	17.86	17.05	14.20	16.29	17.12	22.95	21.59	20.77	24.45	21.45	17.68	19.28
23656	-0.90	-1.46	-0.93	-0.52	-1.58	-0.74	-0.13	0.38	-0.03	0.08	0.18	0.15	0.19	0.19	0.45	0.35	0.62	0.14	0.52	0.48	2.08	1.12	0.96	1.32
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
LISF___SOLAR	21.50	15.99	19.01	18.39	16.34	18.93	17.59	14.94	15.45	18.13	18.12	18.57	17.86	17.05	14.20	16.28	17.12	22.95	21.59	20.77	24.47	21.47	17.69	19.30
323691	-0.91	-1.46	-0.94	-0.53	-1.61	-0.75	-0.14	0.38	-0.03	0.08	0.18	0.15	0.19	0.18	0.45	0.34	0.62	0.14	0.53	0.49	2.10	1.14	0.97	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
LITTLE FALLS___HYD	-11.00	-16.34	-11.59	-6.34	-18.43	-8.11	-1.51	4.45	-0.36	0.87	2.39	2.18	3.12	2.81	5.82	5.03	9.30	1.62	5.77	5.64	22.47	13.36	11.76	18.00
24013	0.04	0.13	0.05	0.04	0.08	0.02	0.01	-0.04	0.00	0.00	0.00	0.00	-0.03	-0.03	-0.08	-0.07	-0.07	0.00	0.02	0.03	0.10	0.09	0.05	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LITTLRIV_115KV_TB1	-10.89	-16.02	-11.38	-4.10	-17.77	-6.02	0.33	6.89	-0.09	0.86	2.36	2.15	3.11	2.80	5.75	4.97	9.18	1.58	5.59	5.47	21.91	13.12	11.61	17.90
356100	0.15	0.25	0.17	0.07	0.22	0.15	0.02	-0.05	0.01	-0.01	-0.02	-0.03	-0.04	-0.04	-0.15	-0.13	-0.19	-0.04	-0.15	-0.14	-0.46	-0.14	-0.10	-0.06
	0.00	-0.20	-0.09	-2.20	-0.52	-1.97	-1.83	-2.46	-0.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LI_NEWBRDGE___DRP	21.66	16.26	19.20	18.49	16.67	19.09	17.62	14.86	15.46	18.11	18.11	18.56	17.86	17.05	14.17	16.26	17.07	22.92	21.50	20.70	24.11	21.28	17.54	19.15
323616	-0.76	-1.20	-0.76	-0.43	-1.29	-0.59	-0.11	0.30	-0.03	0.06	0.16	0.14	0.18	0.18	0.42	0.33	0.57	0.12	0.44	0.41	1.74	0.95	0.82	1.19
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
LOCKPORT_115KV_TB60_63_64	-5.33	-10.54	-6.22	-2.02	-12.25	-3.48	1.76	6.11	2.34	3.58	4.93	4.84	5.48	5.10	6.96	6.70	10.03	5.14	8.07	7.90	21.54	13.95	11.99	16.96
80432	0.01	0.15	0.04	0.05	0.05	-0.08	0.00	-0.08	0.00	-0.04	-0.11	-0.10	-0.14	-0.13	-0.27	-0.24	-0.56	-0.08	-0.28	-0.22	-0.83	-0.52	-0.58	-1.00
	-5.70	-5.77	-5.38	-4.31	-6.21	-4.74	-3.28	-1.71	-2.70	-2.75	-2.65	-2.76	-2.47	-2.39	-1.34	-1.84	-1.21	-3.61	-2.61	-2.51	0.00	-1.21	-0.86	0.00
LOCKPORT___CC1	-5.29	-10.50	-6.18	-1.98	-12.20	-3.44	1.78	6.13	2.35	3.60	4.95	4.86	5.50	5.12	6.98	6.73	10.06	5.17	8.10	7.93	21.56	13.97	12.00	16.97
323769	0.02	0.15	0.05	0.06	0.06	-0.08	0.00	-0.08	0.00	-0.04	-0.10	-0.10	-0.13	-0.12	-0.27	-0.23	-0.54	-0.08	-0.27	-0.21	-0.80	-0.51	-0.57	-0.99
	-5.73	-5.81	-5.41	-4.34	-6.25	-4.77	-3.30	-1.72	-2.72	-2.77	-2.66	-2.78	-2.49	-2.40	-1.35	-1.86	-1.22	-3.63	-2.63	-2.53	0.00	-1.22	-0.86	0.00
LOCKPORT___CC2	-5.29	-10.50	-6.18	-1.98	-12.20	-3.44	1.78	6.13	2.35	3.60	4.95	4.86	5.50	5.12	6.98	6.73	10.06	5.17	8.10	7.93	21.56	13.97	12.00	16.97
323770	0.02	0.15	0.05	0.06	0.06	-0.08	0.00	-0.08	0.00	-0.04	-0.10	-0.10	-0.13	-0.12	-0.27	-0.23	-0.54	-0.08	-0.27	-0.21	-0.80	-0.51	-0.57	-0.99
	-5.73	-5.81	-5.41	-4.34	-6.25	-4.77	-3.30	-1.72	-2.72	-2.77	-2.66	-2.78	-2.49	-2.40	-1.35	-1.86	-1.22	-3.63	-2.63	-2.53	0.00	-1.22	-0.86	0.00
LOCKPORT___CC3	-5.29	-10.50	-6.18	-1.98	-12.20	-3.44	1.78	6.13	2.35	3.60	4.95	4.86	5.50	5.12	6.98	6.73	10.06	5.17	8.10	7.93	21.56	13.97	12.00	16.97
323771	0.02	0.15	0.05	0.06	0.06	-0.08	0.00	-0.08	0.00	-0.04	-0.10	-0.10	-0.13	-0.12	-0.27	-0.23	-0.54	-0.08	-0.27	-0.21	-0.80	-0.51	-0.57	-0.99
	-5.73	-5.81	-5.41	-4.34	-6.25	-4.77	-3.30	-1.72	-2.72	-2.77	-2.66	-2.78	-2.49	-2.40	-1.35	-1.86	-1.22	-3.63	-2.63	-2.53	0.00	-1.22	-0.86	0.00

LONG_LAKE_PHOENIX	-7.39	-12.64	-8.16	-3.64	-14.38	-5.14	0.48	5.42	1.26	2.50	3.92	3.79	4.55	4.21	6.55	6.09	9.87	3.75	7.21	7.03	22.07	13.79	12.01	17.56
24014	0.22	0.35	0.24	0.14	0.40	0.15	0.03	-0.09	0.00	-0.02	-0.06	-0.05	-0.08	-0.07	-0.15	-0.12	-0.23	-0.03	-0.10	-0.08	-0.30	-0.20	-0.21	-0.40
	-3.42	-3.47	-3.23	-2.59	-3.73	-2.84	-1.97	-1.03	-1.62	-1.65	-1.59	-1.66	-1.49	-1.43	-0.80	-1.11	-0.73	-2.17	-1.57	-1.50	0.00	-0.72	-0.51	0.00
LOVETT___3	20.58	15.30	18.21	17.68	15.66	18.25	16.97	14.43	14.89	16.49	17.52	17.96	17.34	16.53	13.84	15.86	16.80	22.14	20.88	20.11	23.75	20.86	17.19	18.88
23632	-0.64	-0.94	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.04	0.14	0.13	0.18	0.17	0.37	0.31	0.55	0.10	0.37	0.34	1.38	0.78	0.64	0.92
	-32.26	-32.71	-30.47	-24.39	-35.16	-26.81	-18.56	-9.71	-15.27	-15.57	-15.00	-15.65	-14.01	-13.52	-7.57	-10.45	-6.88	-20.43	-14.77	-14.15	0.00	-6.82	-4.83	0.00
LOVETT___4	20.58	15.30	18.21	17.68	15.66	18.25	16.97	14.43	14.89	16.49	17.52	17.96	17.34	16.53	13.84	15.86	16.80	22.14	20.88	20.11	23.75	20.86	17.19	18.88
23642	-0.64	-0.94	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.04	0.14	0.13	0.18	0.17	0.37	0.31	0.55	0.10	0.37	0.34	1.38	0.78	0.64	0.92
	-32.26	-32.71	-30.47	-24.39	-35.16	-26.81	-18.56	-9.71	-15.27	-15.57	-15.00	-15.65	-14.01	-13.52	-7.57	-10.45	-6.88	-20.43	-14.77	-14.15	0.00	-6.82	-4.83	0.00
LOVETT___5	20.58	15.30	18.21	17.68	15.66	18.25	16.97	14.43	14.89	16.49	17.52	17.96	17.34	16.53	13.84	15.86	16.80	22.14	20.88	20.11	23.75	20.86	17.19	18.88
23593	-0.64	-0.94	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.04	0.14	0.13	0.18	0.17	0.37	0.31	0.55	0.10	0.37	0.34	1.38	0.78	0.64	0.92
	-32.26	-32.71	-30.47	-24.39	-35.16	-26.81	-18.56	-9.71	-15.27	-15.57	-15.00	-15.65	-14.01	-13.52	-7.57	-10.45	-6.88	-20.43	-14.77	-14.15	0.00	-6.82	-4.83	0.00
LOWER RAQUET___HYD	-10.80	-15.85	-11.25	-3.84	-17.52	-5.76	0.50	7.05	-0.06	0.86	2.34	2.14	3.09	2.78	5.70	4.92	9.08	1.56	5.52	5.41	21.66	13.01	11.53	17.77
24057	0.24	0.40	0.29	0.15	0.44	0.24	0.04	-0.10	0.01	-0.01	-0.05	-0.04	-0.06	-0.07	-0.20	-0.18	-0.29	-0.06	-0.23	-0.20	-0.70	-0.25	-0.18	-0.18
	0.00	-0.21	-0.10	-2.39	-0.56	-2.13	-1.98	-2.66	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
LOWER___HUDSON	30.65	25.61	27.69	25.23	26.68	26.55	22.65	17.33	19.57	21.23	22.05	22.70	21.55	20.60	15.99	18.92	18.70	28.34	25.24	24.30	23.21	22.68	18.49	18.68
24059	-0.42	-0.62	-0.44	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.10	0.20	0.18	0.35	0.06	0.21	0.22	0.84	0.52	0.47	0.72
	-42.11	-42.70	-39.77	-31.84	-45.90	-35.00	-24.23	-12.68	-19.94	-20.33	-19.58	-20.43	-18.29	-17.65	-9.88	-13.64	-8.98	-26.67	-19.28	-18.47	0.00	-8.90	-6.31	0.00
LOWVILLE_115KV_TB2	-9.14	-14.28	-9.77	-4.34	-16.10	-5.97	-0.04	5.62	0.45	1.59	3.08	2.89	3.76	3.45	6.18	5.53	9.60	2.57	6.38	6.34	22.71	13.86	12.03	18.25
356335	0.39	0.58	0.41	0.20	0.60	0.29	0.04	-0.09	0.01	-0.01	-0.02	-0.02	-0.05	-0.03	-0.07	-0.06	-0.10	-0.01	-0.06	0.06	0.34	0.27	0.09	0.29
	-1.52	-1.60	-1.46	-1.84	-1.82	-1.88	-1.44	-1.22	-0.80	-0.73	-0.71	-0.74	-0.66	-0.64	-0.36	-0.49	-0.33	-0.96	-0.70	-0.67	0.00	-0.32	-0.23	0.00
LUTHERFT_115KV_GLOB_FND_222	31.47	26.37	28.47	25.89	27.55	27.26	23.19	17.68	20.02	21.71	22.53	23.19	22.01	21.03	16.28	19.30	19.04	28.98	25.80	24.83	23.67	23.13	18.80	18.91
355753	-0.57	-0.84	-0.57	-0.30	-0.90	-0.41	-0.07	0.23	-0.02	0.05	0.12	0.11	0.16	0.13	0.27	0.24	0.49	0.08	0.32	0.33	1.29	0.76	0.64	0.94
	-43.08	-43.68	-40.68	-32.57	-46.96	-35.80	-24.79	-12.97	-20.40	-20.79	-20.03	-20.90	-18.71	-18.05	-10.11	-13.96	-9.18	-27.29	-19.73	-18.89	0.00	-9.10	-6.45	0.00
LUTHERNY_35_KV_BK2	31.47	26.38	28.48	25.90	27.56	27.27	23.19	17.68	20.02	21.71	22.53	23.19	22.01	21.03	16.28	19.30	19.04	28.99	25.80	24.83	23.69	23.14	18.80	18.90
355980	-0.57	-0.84	-0.56	-0.30	-0.89	-0.40	-0.07	0.23	-0.02	0.05	0.12	0.11	0.16	0.14	0.27	0.25	0.49	0.09	0.33	0.33	1.32	0.77	0.64	0.94
	-43.08	-43.68	-40.68	-32.57	-46.96	-35.80	-24.79	-12.97	-20.40	-20.79	-20.03	-20.90	-18.71	-18.05	-10.11	-13.96	-9.18	-27.29	-19.73	-18.89	0.00	-9.10	-6.45	0.00
LWR___OSWEGATCHIE_HYD	-9.60	-14.68	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.39	2.29	6.10	6.02	22.15	13.50	11.82	17.98
23850	0.32	0.50	0.37	0.18	0.55	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.02
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
LYONS_FALL_HYD	-9.41	-14.68	-10.06	-4.74	-16.57	-6.40	-0.30	5.40	0.38	1.56	3.06	2.87	3.75	3.44	6.21	5.55	9.66	2.53	6.41	6.32	22.77	13.84	12.06	18.25
23570	0.19	0.29	0.20	0.09	0.27	0.13	0.02	-0.03	0.00	0.00	0.00	0.00	-0.02	0.00	-0.02	-0.02	-0.02	0.01	0.01	0.08	0.40	0.28	0.13	0.30
	-1.44	-1.50	-1.38	-1.54	-1.67	-1.60	-1.21	-0.94	-0.73	-0.69	-0.67	-0.70	-0.62	-0.60	-0.34	-0.46	-0.31	-0.91	-0.66	-0.63	0.00	-0.30	-0.21	0.00
MADISON___COUNTY_LFGE	-8.79	-14.20	-9.50	-4.64	-16.13	-6.26	-0.18	5.26	0.75	2.02	3.52	3.35	4.20	3.86	6.50	5.91	9.97	3.14	6.93	6.78	22.94	14.10	12.30	18.29
323628	-0.11	-0.13	-0.10	-0.05	-0.19	-0.09	-0.02	0.06	-0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.04	0.09	0.03	0.10	0.14	0.58	0.33	0.23	0.33
	-2.36	-2.40	-2.23	-1.79	-2.58	-1.97	-1.36	-0.71	-1.12	-1.14	-1.10	-1.15	-1.03	-0.99	-0.56	-0.77	-0.50	-1.50	-1.08	-1.04	0.00	-0.50	-0.35	0.00
MALONE___115KV_TB1	-10.93	-15.09	-10.79	4.03	-15.54	1.31	6.98	15.66	0.86	0.87	2.37	2.16	3.15	2.83	5.85	5.04	9.39	1.61	5.70	5.59	22.36	13.34	11.78	18.14
356076	0.11	0.46	0.42	0.24	0.59	0.37	0.06	-0.16	0.02	0.00	-0.02	-0.02	0.01	-0.01	-0.06	-0.06	0.02	0.00	-0.05	-0.02	-0.01	0.08	0.07	0.18
	0.00	-0.92	-0.43	-10.17	-2.38	-9.08	-8.43	-11.34	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MAPLEWOD_115KV_TB3	30.39	25.32	27.45	25.04	26.39	26.34	22.52	17.28	19.46	21.13	21.97	22.60	21.48	20.52	15.97	18.88	18.70	28.22	25.18	24.24	23.38	22.73	18.53	18.77
80458	-0.47	-0.70	-0.49	-0.27	-0.77	-0.35	-0.07	0.19	-0.02	0.04	0.10	0.09	0.13	0.12	0.24	0.21	0.40	0.07	0.25	0.25	1.01	0.61	0.54	0.80
	-41.90	-42.48	-39.57	-31.68	-45.67	-34.82	-24.11	-12.61	-19.84	-20.22	-19.48	-20.33	-18.19	-17.56	-9.83	-13.58	-8.93	-26.54	-19.19	-18.38	0.00	-8.85	-6.28	0.00
MAPLE_RIDGE_WT_1	-29.86	-30.32	-10.98	-6.05	-17.50	-7.63	-1.44	4.30	-0.34	0.85	2.33	2.13	3.08	2.81	5.82	5.03	9.24	1.58	5.59	5.49	21.91	13.00	11.43	17.65
323574	0.73	1.09	0.66	0.33	1.01	0.49	0.08	-0.18	0.02	-0.02	-0.06	-0.05	-0.06	-0.04	-0.08	-0.07	-0.13	-0.03	-0.15	-0.12	-0.46	-0.27	-0.29	-0.30
	19.54	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

MAPLE_RIDGE_WT_2	-29.86	-30.32	-10.98	-6.05	-17.50	-7.63	-1.44	4.30	-0.34	0.85	2.33	2.13	3.08	2.81	5.82	5.03	9.24	1.58	5.59	5.49	21.91	13.00	11.43	17.65
323611	0.73	1.09	0.66	0.33	1.01	0.49	0.08	-0.18	0.02	-0.02	-0.06	-0.05	-0.06	-0.04	-0.08	-0.07	-0.13	-0.03	-0.15	-0.12	-0.46	-0.27	-0.29	-0.30
	19.54	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARBLE_RIVER_WT_PWR	-10.88	-17.14	-11.66	-21.00	-21.22	-21.00	-13.85	-12.46	-2.11	0.86	2.34	2.14	3.13	2.82	5.82	5.02	9.38	1.61	5.69	5.58	22.31	13.30	11.74	18.08
323696	0.16	0.68	0.60	0.35	0.80	0.49	0.09	-0.24	0.02	-0.01	-0.05	-0.04	-0.01	-0.03	-0.08	-0.08	0.01	0.00	-0.06	-0.03	-0.06	0.03	0.03	0.12
	0.00	1.35	0.63	14.98	3.51	13.37	12.42	16.70	1.78	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MARSHVLE_115KV_TB1	39.93	34.95	36.42	32.28	36.74	34.30	28.08	20.25	24.04	25.82	26.51	27.32	25.71	24.60	18.31	22.07	20.84	34.37	29.71	28.61	23.88	25.08	20.23	19.05
80742	-0.61	-0.88	-0.64	-0.34	-0.96	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.12	0.16	0.14	0.31	0.26	0.48	0.09	0.35	0.38	1.51	0.92	0.79	1.09
	-51.58	-52.29	-48.71	-38.99	-56.22	-42.86	-29.67	-15.53	-24.42	-24.90	-23.98	-25.02	-22.39	-21.61	-12.10	-16.71	-10.99	-32.67	-23.62	-22.62	-0.01	-10.90	-7.72	-0.01
MARSH_HILL_WT_PWR	-3.67	-8.71	-4.57	-0.80	-9.93	-2.02	2.58	6.52	2.97	4.27	5.66	5.58	6.17	5.77	7.57	7.45	11.00	6.12	9.14	8.87	23.00	15.14	12.97	18.10
323713	0.31	0.61	0.41	0.25	0.89	0.25	0.04	-0.09	-0.01	-0.01	-0.01	-0.02	-0.04	-0.03	0.01	0.07	0.13	0.04	0.16	0.17	0.64	0.38	0.20	0.14
	-7.05	-7.15	-6.66	-5.33	-7.69	-5.86	-4.06	-2.13	-3.34	-3.40	-3.28	-3.42	-3.06	-2.96	-1.66	-2.28	-1.50	-4.47	-3.23	-3.10	0.00	-1.49	-1.06	0.00
MCINTYRE_115KV_TB2	-10.96	-16.17	-11.47	-4.44	-17.97	-6.35	0.07	6.59	-0.12	0.87	2.37	2.16	3.12	2.82	5.81	5.02	9.26	1.59	5.66	5.52	22.09	13.19	11.65	17.95
80467	0.08	0.13	0.09	0.03	0.09	0.08	0.01	-0.02	0.01	0.00	-0.02	-0.02	-0.02	-0.03	-0.10	-0.08	-0.11	-0.02	-0.08	-0.08	-0.27	-0.07	-0.06	-0.01
	0.00	-0.17	-0.08	-1.90	-0.45	-1.70	-1.58	-2.12	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MECO_____69_KV_BK1	37.12	32.01	33.73	30.18	33.44	31.94	26.55	19.59	22.81	24.59	25.36	26.09	24.58	23.54	17.69	21.22	20.20	32.82	28.68	27.63	24.44	24.86	20.08	19.49
80468	-0.84	-1.22	-0.91	-0.50	-1.46	-0.66	-0.12	0.36	-0.03	0.06	0.19	0.13	0.15	0.16	0.29	0.24	0.38	0.16	0.49	0.53	2.07	1.24	1.03	1.53
	-49.01	-49.69	-46.28	-37.05	-53.42	-40.73	-28.20	-14.75	-23.20	-23.66	-22.78	-23.78	-21.28	-20.54	-11.50	-15.88	-10.44	-31.04	-22.44	-21.50	-0.01	-10.35	-7.34	-0.01
MENANDS__115KV_TB5	29.96	24.90	27.04	24.69	25.92	25.97	22.24	17.11	19.23	20.89	21.72	22.35	21.24	20.30	15.83	18.70	18.55	27.89	24.91	23.98	23.18	22.51	18.37	18.66
355628	-0.40	-0.61	-0.42	-0.24	-0.69	-0.31	-0.06	0.16	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.36	0.05	0.21	0.21	0.81	0.50	0.46	0.70
	-41.40	-41.98	-39.10	-31.30	-45.13	-34.41	-23.82	-12.47	-19.61	-19.99	-19.25	-20.09	-17.98	-17.35	-9.72	-13.42	-8.82	-26.22	-18.96	-18.16	0.00	-8.75	-6.20	0.00
MG INDUSTRY___DRP	29.29	24.21	26.38	24.18	25.16	25.40	21.87	16.93	18.92	20.58	21.43	22.04	20.97	20.03	15.69	18.49	18.42	27.49	24.63	23.71	23.27	22.41	18.30	18.69
24185	-0.43	-0.65	-0.46	-0.26	-0.75	-0.34	-0.07	0.18	-0.02	0.03	0.10	0.09	0.12	0.11	0.22	0.19	0.36	0.06	0.22	0.23	0.90	0.54	0.49	0.73
	-40.75	-41.32	-38.49	-30.81	-44.42	-33.87	-23.45	-12.27	-19.30	-19.67	-18.94	-19.77	-17.70	-17.08	-9.56	-13.21	-8.69	-25.81	-18.66	-17.88	0.00	-8.61	-6.10	0.00
MID___OSWEGATCHIE_HYD	-9.60	-14.68	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.39	2.29	6.10	6.02	22.15	13.50	11.82	17.98
23849	0.32	0.50	0.37	0.18	0.55	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.02
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
MID___RAQUETTE_HYD	-10.80	-15.85	-11.25	-3.84	-17.52	-5.76	0.50	7.05	-0.06	0.86	2.35	2.14	3.09	2.78	5.70	4.92	9.08	1.56	5.52	5.41	21.66	13.01	11.53	17.78
23851	0.24	0.40	0.29	0.15	0.44	0.24	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.07	-0.20	-0.18	-0.29	-0.06	-0.23	-0.20	-0.70	-0.25	-0.18	-0.18
	0.00	-0.21	-0.10	-2.39	-0.56	-2.13	-1.98	-2.66	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
MILLIKEN___1	-3.92	-9.29	-4.90	-0.94	-10.77	-2.21	2.64	6.73	3.07	4.38	5.77	5.71	6.31	5.89	7.62	7.47	10.96	6.24	9.19	8.92	22.94	15.11	13.02	18.19
23584	-0.13	-0.18	-0.11	-0.05	-0.17	-0.11	-0.02	0.06	-0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.04	0.03	0.12	0.13	0.57	0.32	0.22	0.23
	-7.26	-7.36	-6.85	-5.49	-7.91	-6.03	-4.18	-2.18	-3.44	-3.50	-3.37	-3.52	-3.15	-3.04	-1.70	-2.35	-1.55	-4.60	-3.32	-3.18	0.00	-1.53	-1.09	0.00
MILLIKEN___2	-3.92	-9.29	-4.90	-0.94	-10.77	-2.21	2.64	6.73	3.07	4.38	5.77	5.71	6.31	5.89	7.62	7.47	10.96	6.24	9.19	8.92	22.94	15.11	13.02	18.19
23585	-0.13	-0.18	-0.11	-0.05	-0.17	-0.11	-0.02	0.06	-0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.04	0.03	0.12	0.13	0.57	0.32	0.22	0.23
	-7.26	-7.36	-6.85	-5.49	-7.91	-6.03	-4.18	-2.18	-3.44	-3.50	-3.37	-3.52	-3.15	-3.04	-1.70	-2.35	-1.55	-4.60	-3.32	-3.18	0.00	-1.53	-1.09	0.00
MILLIKEN___DIESEL	-3.92	-9.29	-4.90	-0.94	-10.77	-2.21	2.64	6.73	3.07	4.38	5.77	5.71	6.31	5.89	7.62	7.47	10.96	6.24	9.19	8.92	22.94	15.11	13.02	18.19
23629	-0.13	-0.18	-0.11	-0.05	-0.17	-0.11	-0.02	0.06	-0.01	0.00	0.01	0.01	0.01	0.00	0.02	0.02	0.04	0.03	0.12	0.13	0.57	0.32	0.22	0.23
	-7.26	-7.36	-6.85	-5.49	-7.91	-6.03	-4.18	-2.18	-3.44	-3.50	-3.37	-3.52	-3.15	-3.04	-1.70	-2.35	-1.55	-4.60	-3.32	-3.18	0.00	-1.53	-1.09	0.00
MILLSEAT___LFGE	-5.44	-10.69	-6.31	-2.06	-12.39	-3.53	1.74	6.14	2.33	3.58	4.94	4.85	5.49	5.11	6.99	6.73	10.09	5.16	8.14	7.98	21.86	14.14	12.14	17.17
323607	-0.08	0.01	-0.05	0.01	-0.08	-0.13	-0.01	-0.05	0.00	-0.03	-0.09	-0.09	-0.13	-0.12	-0.25	-0.21	-0.49	-0.06	-0.21	-0.14	-0.51	-0.33	-0.43	-0.79
	-5.69	-5.77	-5.37	-4.30	-6.20	-4.73	-3.27	-1.71	-2.69	-2.75	-2.64	-2.76	-2.47	-2.38	-1.34	-1.84	-1.21	-3.60	-2.61	-2.51	0.00	-1.21	-0.86	0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H	21.78	16.50	19.34	18.59	16.96	19.25	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.79	21.14	17.40	18.92
345005	-0.65	-0.97	-0.63	-0.34	-1.01	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.18	0.39	0.32	0.56	0.10	0.37	0.36	1.42	0.80	0.68	0.96
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00

MILLWOOD_13_KV_LOAD	21.76	16.47	19.32	18.57	16.92	19.23	17.66	14.81	15.47	17.08	18.09	18.55	17.88	17.05	14.15	16.28	17.09	22.92	21.46	20.66	23.85	21.17	17.43	18.96
356217	-0.67	-1.00	-0.65	-0.36	-1.05	-0.45	-0.08	0.25	-0.02	0.05	0.15	0.13	0.20	0.18	0.40	0.33	0.58	0.10	0.39	0.37	1.48	0.84	0.70	1.00
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
MODEL_CITY_ENERGY	-5.20	-10.38	-6.09	-1.93	-12.07	-3.37	1.80	6.10	2.37	3.60	4.94	4.85	5.48	5.10	6.93	6.68	9.96	5.16	8.04	7.87	21.28	13.82	11.87	16.76
24167	0.08	0.24	0.11	0.09	0.17	-0.03	0.01	-0.12	0.00	-0.05	-0.13	-0.12	-0.17	-0.16	-0.33	-0.28	-0.64	-0.10	-0.34	-0.28	-1.09	-0.67	-0.72	-1.20
	-5.76	-5.84	-5.44	-4.36	-6.28	-4.79	-3.31	-1.73	-2.73	-2.78	-2.68	-2.80	-2.50	-2.41	-1.35	-1.87	-1.23	-3.65	-2.64	-2.54	0.00	-1.22	-0.87	0.00
MODERN_LFGE__	-5.20	-10.38	-6.09	-1.93	-12.07	-3.37	1.80	6.10	2.37	3.60	4.94	4.85	5.48	5.10	6.93	6.68	9.96	5.16	8.04	7.87	21.28	13.82	11.87	16.76
323580	0.08	0.24	0.11	0.09	0.17	-0.03	0.01	-0.12	0.00	-0.05	-0.13	-0.12	-0.17	-0.16	-0.33	-0.28	-0.64	-0.10	-0.34	-0.28	-1.09	-0.67	-0.72	-1.20
	-5.76	-5.84	-5.44	-4.36	-6.28	-4.79	-3.31	-1.73	-2.73	-2.78	-2.68	-2.80	-2.50	-2.41	-1.35	-1.87	-1.23	-3.65	-2.64	-2.54	0.00	-1.22	-0.87	0.00
MOHAWK_PAPER___DRP	30.39	25.32	27.45	25.04	26.39	26.34	22.52	17.28	19.46	21.13	21.97	22.60	21.48	20.52	15.97	18.88	18.70	28.22	25.18	24.24	23.38	22.73	18.53	18.77
24187	-0.47	-0.70	-0.49	-0.27	-0.77	-0.35	-0.07	0.19	-0.02	0.04	0.10	0.09	0.13	0.12	0.24	0.21	0.40	0.07	0.25	0.25	1.01	0.61	0.54	0.80
	-41.90	-42.48	-39.57	-31.68	-45.67	-34.82	-24.11	-12.61	-19.84	-20.22	-19.48	-20.33	-18.19	-17.56	-9.83	-13.58	-8.93	-26.54	-19.19	-18.38	0.00	-8.85	-6.28	0.00
MOHICAN__35_KV_115KV_LD	31.45	26.33	28.47	25.91	27.52	27.27	23.21	17.73	20.04	21.74	22.56	23.22	22.04	21.06	16.30	19.34	19.12	29.03	25.88	24.92	23.90	23.28	18.90	19.05
80490	-0.64	-0.93	-0.63	-0.32	-0.98	-0.45	-0.09	0.26	-0.02	0.05	0.12	0.11	0.16	0.14	0.28	0.26	0.56	0.10	0.39	0.39	1.53	0.91	0.72	1.09
	-43.13	-43.74	-40.73	-32.61	-47.01	-35.85	-24.82	-12.99	-20.43	-20.82	-20.05	-20.93	-18.73	-18.07	-10.12	-13.98	-9.19	-27.32	-19.75	-18.92	0.00	-9.11	-6.46	0.00
MONGAUP___HYD	18.81	13.54	16.53	16.32	13.73	16.76	15.92	13.86	14.03	15.60	16.64	17.05	16.50	15.72	13.30	15.17	16.20	20.96	19.92	19.17	23.31	20.38	16.88	18.84
23641	-0.58	-0.85	-0.56	-0.31	-0.93	-0.40	-0.07	0.22	-0.02	0.04	0.11	0.10	0.14	0.12	0.26	0.21	0.35	0.08	0.24	0.21	0.94	0.69	0.61	0.88
	-30.43	-30.85	-28.74	-23.00	-33.17	-25.29	-17.51	-9.16	-14.41	-14.69	-14.15	-14.76	-13.21	-12.75	-7.14	-9.86	-6.48	-19.27	-13.93	-13.35	0.00	-6.43	-4.56	0.00
MONTAUK___DIESEL	21.07	15.37	18.59	18.15	15.66	18.62	17.53	15.11	15.44	18.16	18.22	18.65	17.98	17.15	14.41	16.47	17.49	23.02	21.83	21.01	25.41	22.01	18.14	19.92
23721	-1.34	-2.08	-1.37	-0.77	-2.29	-1.06	-0.20	0.56	-0.05	0.11	0.28	0.23	0.30	0.28	0.66	0.53	0.99	0.21	0.77	0.72	3.04	1.68	1.41	1.95
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
MOONROAD_115KV_HARTFLD_TB1-2	-4.49	-9.62	-5.40	-1.32	-11.04	-2.71	2.23	6.43	2.71	4.01	5.41	5.34	5.99	5.57	7.39	7.16	10.54	5.71	8.66	8.55	22.48	14.66	12.60	17.70
355988	0.04	0.25	0.09	0.14	0.38	0.01	0.00	-0.01	-0.01	0.00	0.00	0.00	0.01	0.00	-0.03	-0.05	-0.22	-0.02	-0.07	0.03	0.11	0.00	-0.11	-0.26
	-6.51	-6.60	-6.15	-4.92	-7.09	-5.41	-3.74	-1.96	-3.08	-3.14	-3.02	-3.16	-2.83	-2.73	-1.53	-2.11	-1.39	-4.12	-2.98	-2.90	0.00	-1.40	-1.00	0.00
MORTIMER_115KV_TB3	-6.31	-11.58	-7.14	-2.76	-13.29	-4.25	1.19	5.86	1.87	3.12	4.53	4.42	5.13	4.76	6.86	6.52	10.12	4.56	7.81	7.63	22.18	14.12	12.19	17.47
55949	0.01	0.10	0.04	0.05	0.08	-0.03	0.00	-0.05	0.00	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.11	-0.25	-0.03	-0.09	-0.05	-0.19	-0.14	-0.23	-0.49
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J	21.69	16.37	19.26	18.54	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.93	21.21	17.47	19.02
345006	-0.71	-1.07	-0.69	-0.37	-1.11	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.19	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
MUNSVILLE_WIND_PWR	-1.01	-6.64	-2.27	1.25	-8.07	0.16	4.47	7.93	4.61	6.00	7.40	7.39	7.84	7.35	8.55	8.70	12.00	8.40	10.99	10.66	24.18	16.52	14.07	19.07
323609	-0.52	-0.88	-0.59	-0.36	-1.06	-0.48	-0.09	0.27	-0.03	0.04	0.11	0.09	0.11	0.08	0.18	0.18	0.38	0.10	0.42	0.43	1.81	1.03	0.78	1.11
	-10.55	-10.70	-9.97	-7.98	-11.50	-8.77	-6.07	-3.18	-5.00	-5.09	-4.91	-5.12	-4.58	-4.42	-2.47	-3.42	-2.25	-6.68	-4.83	-4.63	0.00	-2.23	-1.58	0.00
N SALMON___HYD	-10.92	-15.07	-10.79	4.03	-15.54	1.31	6.98	15.66	0.86	0.87	2.37	2.16	3.15	2.83	5.85	5.04	9.39	1.62	5.70	5.59	22.36	13.34	11.78	18.14
24042	0.12	0.49	0.42	0.24	0.59	0.37	0.06	-0.16	0.02	0.00	-0.02	-0.02	0.01	-0.01	-0.06	-0.06	0.02	0.00	-0.05	-0.02	-0.01	0.08	0.07	0.18
	0.00	-0.92	-0.43	-10.17	-2.38	-9.08	-8.43	-11.34	-1.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
N.AKRON__115KV_KNAPP	-5.44	-10.67	-6.31	-2.07	-12.40	-3.54	1.74	6.14	2.33	3.58	4.94	4.85	5.49	5.11	7.00	6.74	10.11	5.16	8.14	7.98	21.87	14.15	12.15	17.19
355671	-0.08	0.04	-0.04	0.01	-0.08	-0.13	-0.01	-0.05	0.00	-0.03	-0.09	-0.09	-0.12	-0.11	-0.23	-0.20	-0.47	-0.06	-0.20	-0.13	-0.49	-0.32	-0.42	-0.77
	-5.68	-5.76	-5.37	-4.30	-6.19	-4.72	-3.27	-1.71	-2.69	-2.74	-2.64	-2.76	-2.47	-2.38	-1.34	-1.84	-1.21	-3.60	-2.60	-2.51	0.00	-1.21	-0.86	0.00
N.BELMOR_69_KV_BK1	21.58	16.15	19.13	18.46	16.57	19.05	17.62	14.88	15.45	18.12	18.12	18.57	17.88	17.06	14.21	16.30	17.15	22.93	21.55	20.74	24.29	21.39	17.63	19.29
55787	-0.84	-1.31	-0.83	-0.46	-1.39	-0.63	-0.11	0.33	-0.03	0.07	0.18	0.16	0.20	0.20	0.46	0.36	0.65	0.13	0.48	0.46	1.92	1.06	0.91	1.33
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
N.E._GEN_SANDY PD	26.44	21.49	24.46	22.07	22.07	23.08	20.25	16.08	17.59	19.22	20.09	20.68	19.75	18.86	15.04	17.59	17.81	25.71	23.34	22.56	22.77	21.89	17.85	18.64
24062	-0.43	-0.65	-0.44	-0.24	-0.73	-0.32	-0.06	0.18	-0.02	0.03	0.09	0.09	0.12	0.11	0.23	0.20	0.36	0.06	0.21	0.22	0.83	0.50	0.46	0.68
	-37.90	-38.61	-36.54	-28.69	-41.32	-31.54	-21.83	-11.42	-17.97	-18.32	-17.61	-18.41	-16.48	-15.90	-8.90	-12.29	-8.09	-24.04	-17.38	-16.73	0.42	-8.13	-5.68	0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G	20.49	15.21	18.13	17.62	15.56	18.18	16.93	14.41	14.86	16.46	17.49	17.93	17.32	16.51	13.84	15.85	16.79	22.10	20.86	20.09	23.79	20.87	17.19	18.91
345014	-0.66	-0.97	-0.63	-0.35	-1.02	-0.44	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.18	0.38	0.32	0.57	0.10	0.38	0.36	1.42	0.80	0.66	0.95
	-32.19	-32.64	-30.40	-24.34	-35.09	-26.76	-18.52	-9.69	-15.24	-15.54	-14.97	-15.62	-13.98	-13.49	-7.55	-10.43	-6.86	-20.39	-14.74	-14.12	0.00	-6.80	-4.82	0.00
N.QUEENS_27_KV_LOAD	21.62	16.25	19.17	18.49	16.71	19.15	17.64	14.86	15.45	17.07	18.12	18.57	17.91	17.07	14.21	16.31	17.15	22.91	21.49	20.69	23.99	21.23	17.52	19.11
356247	-0.78	-1.20	-0.78	-0.43	-1.24	-0.51	-0.09	0.31	-0.03	0.06	0.18	0.16	0.23	0.21	0.46	0.38	0.65	0.11	0.43	0.41	1.62	0.90	0.80	1.15
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
N.TROY___115KV_TB1	30.65	25.61	27.69	25.23	26.68	26.55	22.65	17.33	19.57	21.23	22.05	22.70	21.55	20.59	15.99	18.92	18.70	28.34	25.24	24.30	23.21	22.68	18.49	18.68
355778	-0.42	-0.62	-0.44	-0.24	-0.70	-0.32	-0.06	0.17	-0.02	0.03	0.09	0.08	0.12	0.10	0.20	0.18	0.35	0.06	0.21	0.22	0.84	0.52	0.47	0.72
	-42.11	-42.70	-39.77	-31.84	-45.90	-35.00	-24.23	-12.68	-19.94	-20.33	-19.58	-20.43	-18.29	-17.65	-9.88	-13.64	-8.98	-26.67	-19.28	-18.47	0.00	-8.90	-6.31	0.00
NARROWS_GT1_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24228	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24229	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24230	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24231	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24232	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24233	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24234	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT1_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24235	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_1	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24236	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_2	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24237	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_3	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24238	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_4	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24239	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

NARROWS_GT2_5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24240	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24241	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_7	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24242	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NARROWS_GT2_8	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24243	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G	27.37	22.20	24.57	22.78	23.02	23.84	20.84	16.48	18.09	19.74	20.65	21.22	20.23	19.32	15.32	17.96	18.12	26.41	23.91	23.05	23.77	22.34	18.29	19.03
345022	-0.59	-0.89	-0.63	-0.34	-0.98	-0.45	-0.09	0.25	-0.02	0.04	0.13	0.11	0.15	0.13	0.27	0.23	0.44	0.08	0.31	0.33	1.40	0.84	0.73	1.07
	-39.01	-39.55	-36.84	-29.49	-42.52	-32.42	-22.44	-11.74	-18.47	-18.83	-18.13	-18.93	-16.94	-16.35	-9.15	-12.64	-8.31	-24.71	-17.86	-17.11	0.00	-8.24	-5.84	0.00
NCHELSEA_115KV_TR2	21.63	16.33	19.19	18.48	16.77	19.13	17.59	14.79	15.41	17.02	18.04	18.50	17.83	17.00	14.13	16.25	17.07	22.85	21.43	20.63	23.93	21.19	17.44	19.00
355582	-0.69	-1.03	-0.67	-0.37	-1.08	-0.47	-0.08	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.59	0.11	0.41	0.39	1.56	0.88	0.73	1.03
	-33.36	-33.82	-31.50	-25.22	-36.36	-27.72	-19.19	-10.04	-15.80	-16.10	-15.51	-16.19	-14.49	-13.98	-7.83	-10.81	-7.11	-21.13	-15.28	-14.63	0.00	-7.05	-5.00	0.00
NEG CAPITAL___MECHNVIL	31.17	26.08	28.19	25.66	27.21	27.01	23.02	17.59	19.88	21.56	22.40	23.05	21.88	20.91	16.21	19.21	18.98	28.79	25.66	24.70	23.66	23.07	18.76	18.91
23645	-0.57	-0.83	-0.57	-0.31	-0.91	-0.41	-0.08	0.23	-0.02	0.05	0.12	0.11	0.16	0.14	0.27	0.25	0.49	0.08	0.32	0.33	1.28	0.77	0.64	0.95
	-42.78	-43.38	-40.40	-32.34	-46.63	-35.55	-24.61	-12.88	-20.26	-20.65	-19.89	-20.76	-18.58	-17.93	-10.04	-13.86	-9.12	-27.10	-19.59	-18.76	0.00	-9.04	-6.41	0.00
NEG CENTRAL_HIGH_ACRES	-6.20	-11.39	-7.03	-2.72	-13.07	-4.17	1.17	5.77	1.83	3.07	4.46	4.35	5.05	4.68	6.76	6.42	10.00	4.49	7.71	7.53	21.91	13.94	12.04	17.27
23767	0.21	0.38	0.24	0.15	0.40	0.11	0.03	-0.11	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.18	-0.36	-0.05	-0.15	-0.12	-0.46	-0.30	-0.36	-0.69
	-4.63	-4.69	-4.37	-3.50	-5.04	-3.85	-2.66	-1.39	-2.19	-2.23	-2.15	-2.24	-2.01	-1.94	-1.09	-1.50	-0.99	-2.93	-2.12	-2.03	0.00	-0.98	-0.69	0.00
NEG CENTRAL___DRP	-6.06	-11.37	-6.89	-2.57	-12.98	-4.00	1.34	5.98	1.99	3.26	4.68	4.58	5.28	4.90	7.02	6.68	10.37	4.77	8.07	7.85	22.61	14.43	12.49	17.89
24199	0.01	0.05	0.05	0.04	0.11	-0.01	0.00	0.00	-0.01	-0.01	-0.02	-0.02	-0.02	-0.03	-0.05	-0.03	-0.06	0.01	0.04	0.06	0.25	0.12	0.03	-0.06
	-4.98	-5.04	-4.70	-3.76	-5.42	-4.13	-2.86	-1.50	-2.36	-2.40	-2.31	-2.41	-2.16	-2.08	-1.17	-1.61	-1.06	-3.15	-2.28	-2.18	0.00	-1.05	-0.75	0.00
NEG CENTRAL___INDECK	-5.26	-10.55	-6.14	-1.91	-12.10	-3.32	1.87	6.31	2.44	3.73	5.14	5.05	5.70	5.32	7.27	7.05	10.66	5.40	8.57	8.40	23.25	15.05	12.91	18.24
23768	-0.17	-0.11	-0.11	-0.03	-0.06	-0.13	-0.03	0.04	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.03	0.02	0.02	0.02	0.10	0.18	0.88	0.53	0.31	0.28
	-5.94	-6.02	-5.61	-4.49	-6.48	-4.94	-3.42	-1.79	-2.81	-2.87	-2.76	-2.88	-2.58	-2.49	-1.39	-1.93	-1.27	-3.76	-2.72	-2.61	0.00	-1.26	-0.89	0.00
NEG CENTRAL___SENECA	-5.65	-10.96	-6.52	-2.27	-12.58	-3.69	1.58	6.13	2.19	3.47	4.89	4.79	5.47	5.09	7.13	6.84	10.49	5.05	8.29	8.07	22.73	14.59	12.59	17.95
23627	-0.02	0.03	0.02	0.02	0.05	-0.05	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.04	-0.01	-0.03	0.01	0.07	0.09	0.37	0.18	0.07	0.00
	-5.40	-5.48	-5.10	-4.09	-5.89	-4.49	-3.11	-1.63	-2.56	-2.61	-2.51	-2.62	-2.35	-2.26	-1.27	-1.75	-1.15	-3.42	-2.48	-2.37	0.00	-1.14	-0.81	0.00
NEG CENTRAL___STATE_STREET	-6.24	-11.64	-7.05	-2.66	-13.14	-4.08	1.30	5.98	1.96	3.24	4.67	4.57	5.29	4.90	7.08	6.71	10.46	4.74	8.11	7.87	22.85	14.56	12.64	18.07
24147	-0.10	-0.15	-0.04	0.01	0.03	-0.03	-0.01	0.02	-0.01	0.00	0.00	0.01	0.02	0.00	0.03	0.02	0.04	0.02	0.12	0.11	0.48	0.26	0.19	0.11
	-4.91	-4.98	-4.64	-3.71	-5.35	-4.08	-2.82	-1.48	-2.32	-2.37	-2.28	-2.38	-2.13	-2.06	-1.15	-1.59	-1.05	-3.11	-2.25	-2.15	0.00	-1.04	-0.74	0.00
NEG MILLWOOD___DRP	22.00	16.70	19.55	18.76	17.16	19.44	17.82	14.92	15.60	17.22	18.24	18.70	18.02	17.18	14.25	16.40	17.19	23.10	21.62	20.83	24.00	21.32	17.54	19.04
24198	-0.71	-1.06	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.19	0.42	0.36	0.63	0.11	0.42	0.41	1.63	0.92	0.77	1.08
	-33.76	-34.23	-31.88	-25.52	-36.79	-28.06	-19.42	-10.16	-15.98	-16.29	-15.69	-16.38	-14.66	-14.15	-7.92	-10.94	-7.19	-21.38	-15.46	-14.81	0.00	-7.13	-5.06	0.00
NEG NORTH_FLCN_SEA	-11.02	-17.36	-11.80	-21.20	-21.40	-21.20	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.49	1.64	5.76	5.66	22.60	13.47	11.87	18.26
23793	0.02	0.47	0.47	0.29	0.65	0.42	0.07	-0.19	0.02	0.00	-0.03	-0.02	0.02	0.00	-0.02	-0.02	0.11	0.03	0.02	0.04	0.23	0.21	0.16	0.31
	0.00	1.36	0.63	15.11	3.54	13.49	12.54	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH_KES_CHATEGAY	-10.86	-17.27	-11.74	-22.11	-21.46	-21.98	-14.76	-13.67	-2.24	0.86	2.34	2.14	3.13	2.81	5.82	5.01	9.37	1.61	5.68	5.57	22.29	13.28	11.73	18.07
23792	0.18	0.64	0.58	0.34	0.81	0.49	0.09	-0.23	0.02	-0.01	-0.05	-0.04	-0.02	-0.03	-0.08	-0.08	0.00	-0.01	-0.07	-0.04	-0.08	0.02	0.02	0.11
	0.00	1.45	0.67	16.07	3.76	14.34	13.33	17.92	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

NEG NORTH___ALICE_FALLS	-11.00	-17.34	-11.79	-21.34	-21.40	-21.32	-14.11	-12.74	-2.15	0.87	2.36	2.16	3.16	2.84	5.87	5.06	9.47	1.64	5.76	5.65	22.60	13.46	11.86	18.25
23915	0.04	0.50	0.48	0.30	0.68	0.43	0.07	-0.20	0.02	0.00	-0.03	-0.02	0.01	-0.01	-0.04	-0.04	0.10	0.02	0.01	0.04	0.23	0.20	0.15	0.29
	0.00	1.38	0.64	15.26	3.58	13.62	12.66	17.02	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___LWR_SARANAC	-11.00	-17.34	-11.79	-21.34	-21.40	-21.32	-14.11	-12.74	-2.15	0.87	2.36	2.16	3.16	2.84	5.87	5.06	9.47	1.64	5.76	5.65	22.60	13.46	11.86	18.25
23913	0.04	0.50	0.48	0.30	0.68	0.43	0.07	-0.20	0.02	0.00	-0.03	-0.02	0.01	-0.01	-0.04	-0.04	0.10	0.02	0.01	0.04	0.23	0.20	0.15	0.29
	0.00	1.38	0.64	15.26	3.58	13.62	12.66	17.02	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG NORTH___PLATTSBURG	-10.99	-17.32	-11.79	-21.34	-21.40	-21.32	-14.11	-12.74	-2.15	0.87	2.36	2.16	3.16	2.84	5.87	5.06	9.47	1.64	5.76	5.65	22.60	13.46	11.86	18.25
23628	0.05	0.53	0.49	0.30	0.69	0.43	0.07	-0.20	0.02	0.00	-0.03	-0.02	0.01	0.00	-0.04	-0.04	0.10	0.03	0.01	0.04	0.23	0.20	0.15	0.29
	0.00	1.38	0.64	15.26	3.58	13.62	12.66	17.02	1.81	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NEG WEST_LEA_LOCKPORT	-5.28	-10.49	-6.17	-1.98	-12.20	-3.44	1.78	6.13	2.35	3.60	4.95	4.86	5.50	5.12	6.98	6.73	10.05	5.16	8.10	7.93	21.56	13.97	12.01	16.97
23791	0.03	0.16	0.06	0.06	0.06	-0.08	0.00	-0.08	0.00	-0.04	-0.10	-0.10	-0.13	-0.12	-0.27	-0.23	-0.54	-0.08	-0.27	-0.21	-0.80	-0.51	-0.57	-0.99
	-5.73	-5.81	-5.41	-4.34	-6.25	-4.77	-3.30	-1.72	-2.72	-2.77	-2.66	-2.78	-2.49	-2.40	-1.35	-1.86	-1.22	-3.63	-2.63	-2.53	0.00	-1.22	-0.86	0.00
NEG WEST___LANCASTR	-4.55	-9.81	-5.48	-1.40	-11.44	-2.80	2.25	6.48	2.74	4.03	5.42	5.35	5.97	5.56	7.35	7.16	10.57	5.75	8.67	8.46	22.31	14.57	12.53	17.58
23811	-0.09	-0.02	-0.06	0.00	-0.11	-0.15	-0.02	0.02	-0.01	-0.01	-0.03	-0.03	-0.04	-0.04	-0.10	-0.07	-0.20	-0.03	-0.09	-0.05	-0.06	-0.09	-0.18	-0.38
	-6.58	-6.67	-6.21	-4.98	-7.17	-5.47	-3.79	-1.98	-3.12	-3.17	-3.06	-3.19	-2.86	-2.76	-1.55	-2.13	-1.40	-4.17	-3.01	-2.90	0.00	-1.40	-0.99	0.00
NEG_PENN_ALLEGHNY	0.00	-5.33	-1.20	2.02	-6.52	1.04	4.89	7.91	4.92	6.27	7.61	7.63	8.04	7.56	8.59	8.78	11.86	8.72	10.99	10.62	22.85	15.88	13.55	18.14
23528	-0.14	-0.19	-0.12	-0.06	-0.19	-0.12	-0.02	0.06	-0.01	0.01	0.03	0.03	0.04	0.03	0.07	0.06	0.11	0.03	0.12	0.11	0.48	0.26	0.17	0.18
	-11.18	-11.33	-10.55	-8.45	-12.18	-9.29	-6.43	-3.36	-5.29	-5.40	-5.20	-5.42	-4.85	-4.68	-2.62	-3.62	-2.38	-7.08	-5.12	-4.90	0.00	-2.36	-1.67	0.00
NEG___GEN_MONROE	-6.41	-11.76	-7.28	-2.84	-13.57	-4.40	1.16	5.92	1.87	3.13	4.53	4.43	5.14	4.77	6.88	6.54	10.16	4.57	7.84	7.67	22.33	14.20	12.26	17.58
24207	-0.09	-0.07	-0.10	-0.03	-0.20	-0.18	-0.03	0.02	0.00	-0.02	-0.05	-0.04	-0.06	-0.06	-0.13	-0.09	-0.22	-0.03	-0.06	-0.01	-0.03	-0.06	-0.16	-0.38
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
NEPA___ENERGY	-3.42	-8.70	-4.40	-0.56	-10.18	-1.84	2.90	6.81	3.27	4.57	5.95	5.90	6.48	6.05	7.66	7.56	10.90	6.48	9.24	8.66	22.58	14.75	12.67	17.77
23901	-0.06	-0.02	-0.02	0.01	-0.04	-0.10	-0.01	0.01	-0.01	0.00	-0.01	-0.01	-0.01	-0.02	-0.04	-0.03	-0.11	-0.01	-0.03	0.03	0.21	0.08	-0.05	-0.18
	-7.69	-7.79	-7.26	-5.81	-8.38	-6.39	-4.42	-2.31	-3.64	-3.71	-3.57	-3.73	-3.34	-3.22	-1.80	-2.49	-1.64	-4.87	-3.52	-3.02	0.00	-1.42	-1.00	0.00
NEVERSINK___HYD	18.01	12.70	15.77	15.72	12.77	16.08	15.48	13.68	13.68	15.25	16.33	16.71	16.21	15.44	13.21	15.01	16.19	20.51	19.68	18.98	23.78	20.33	16.79	18.89
23608	-0.65	-0.95	-0.64	-0.36	-1.09	-0.47	-0.09	0.26	-0.02	0.04	0.13	0.12	0.17	0.15	0.34	0.29	0.49	0.09	0.34	0.34	1.41	0.79	0.63	0.93
	-29.70	-30.11	-28.05	-22.45	-32.37	-24.68	-17.09	-8.94	-14.06	-14.34	-13.81	-14.41	-12.90	-12.45	-6.97	-9.62	-6.33	-18.81	-13.60	-13.03	0.00	-6.27	-4.45	0.00
NEWKRMKL_115KV_TB1	30.44	25.37	27.49	25.07	26.42	26.38	22.55	17.30	19.48	21.15	21.99	22.63	21.49	20.54	15.99	18.90	18.72	28.24	25.20	24.26	23.35	22.71	18.51	18.74
55635	-0.46	-0.69	-0.48	-0.27	-0.78	-0.35	-0.06	0.19	-0.02	0.04	0.10	0.09	0.13	0.12	0.25	0.22	0.41	0.07	0.25	0.25	0.97	0.58	0.52	0.78
	-41.94	-42.53	-39.61	-31.71	-45.72	-34.86	-24.13	-12.63	-19.86	-20.25	-19.50	-20.35	-18.21	-17.58	-9.84	-13.59	-8.94	-26.57	-19.21	-18.40	0.00	-8.86	-6.28	0.00
NEWTON___FALLS_HYD	-9.60	-14.68	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.39	2.29	6.10	6.02	22.15	13.50	11.82	17.98
23847	0.32	0.50	0.37	0.18	0.55	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.02
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
NGRID_A1_DSASP	-5.11	-10.28	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.72
323792	0.13	0.30	0.15	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.72	-0.73	-1.24
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
NGRID_A2_DSASP	-5.11	-10.28	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.72
323793	0.13	0.30	0.15	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.72	-0.73	-1.24
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
NGRID_A4_DSASP	-5.10	-10.26	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.73
323807	0.14	0.32	0.16	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.73	-0.73	-1.23
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
NIAGARA_115E_LBMP	-5.13	-10.30	-6.03	-1.88	-11.97	-3.32	1.83	6.09	2.39	3.61	4.94	4.86	5.48	5.10	6.91	6.67	9.91	5.17	8.02	7.85	21.12	13.73	11.80	16.65
323715	0.12	0.30	0.15	0.12	0.22	0.00	0.01	-0.14	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.70	-0.11	-0.37	-0.32	-1.24	-0.76	-0.79	-1.31
	-5.79	-5.87	-5.47	-4.38	-6.31	-4.81	-3.33	-1.74	-2.74	-2.80	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.67	-2.65	-2.55	0.00	-1.23	-0.87	0.00

NIAGARA_115W_LBMP	-5.10	-10.27	-6.00	-1.87	-11.94	-3.30	1.86	6.09	2.38	3.60	4.93	4.85	5.46	5.09	6.89	6.65	9.91	5.17	8.02	7.83	21.19	13.74	11.83	16.68
323714	0.14	0.32	0.17	0.12	0.25	0.01	0.04	-0.13	0.01	-0.05	-0.14	-0.14	-0.19	-0.18	-0.37	-0.32	-0.70	-0.12	-0.38	-0.33	-1.17	-0.76	-0.75	-1.27
	-5.80	-5.88	-5.47	-4.38	-6.32	-4.82	-3.33	-1.74	-2.73	-2.78	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.67	-2.65	-2.55	0.00	-1.23	-0.87	0.00
NIAGARA_230_LBMP	-5.20	-10.39	-6.10	-1.94	-12.06	-3.38	1.79	6.09	2.35	3.59	4.94	4.86	5.49	5.11	6.95	6.71	10.03	5.15	8.06	7.89	21.42	13.88	11.94	16.86
323716	0.12	0.28	0.14	0.11	0.21	-0.01	0.01	-0.11	0.00	-0.04	-0.11	-0.10	-0.14	-0.13	-0.30	-0.24	-0.57	-0.09	-0.30	-0.24	-0.95	-0.60	-0.64	-1.10
	-5.72	-5.80	-5.41	-4.33	-6.24	-4.76	-3.29	-1.72	-2.71	-2.76	-2.66	-2.78	-2.49	-2.40	-1.35	-1.85	-1.22	-3.63	-2.62	-2.52	0.00	-1.22	-0.86	0.00
NIAGARA__115KV_198_GIBSON	-5.10	-10.25	-5.99	-1.87	-11.94	-3.30	1.86	6.09	2.38	3.60	4.92	4.85	5.46	5.09	6.90	6.65	9.91	5.17	8.02	7.83	21.19	13.74	11.84	16.69
55903	0.14	0.33	0.17	0.12	0.25	0.01	0.04	-0.13	0.01	-0.05	-0.15	-0.14	-0.19	-0.18	-0.36	-0.32	-0.70	-0.11	-0.38	-0.33	-1.18	-0.76	-0.75	-1.27
	-5.80	-5.88	-5.47	-4.38	-6.32	-4.82	-3.33	-1.74	-2.73	-2.78	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.67	-2.65	-2.55	0.00	-1.23	-0.87	0.00
NIAGARA____	-5.12	-10.28	-6.01	-1.87	-11.96	-3.31	1.85	6.10	2.38	3.60	4.94	4.86	5.48	5.10	6.93	6.68	9.97	5.17	8.04	7.86	21.30	13.81	11.88	16.77
23760	0.13	0.31	0.16	0.12	0.24	0.00	0.04	-0.12	0.00	-0.05	-0.13	-0.12	-0.17	-0.16	-0.33	-0.28	-0.63	-0.10	-0.34	-0.29	-1.06	-0.67	-0.70	-1.19
	-5.79	-5.88	-5.47	-4.38	-6.31	-4.82	-3.33	-1.74	-2.73	-2.79	-2.68	-2.80	-2.50	-2.42	-1.35	-1.87	-1.23	-3.65	-2.64	-2.54	0.00	-1.23	-0.87	0.00
NINE_MILE_1	-7.76	-12.94	-8.48	-3.94	-14.70	-5.45	0.21	5.22	1.04	2.25	3.66	3.52	4.30	3.97	6.37	5.87	9.65	3.42	6.91	6.74	21.74	13.50	11.78	17.33
23575	0.36	0.55	0.39	0.22	0.61	0.24	0.05	-0.15	0.01	-0.03	-0.09	-0.08	-0.11	-0.10	-0.22	-0.18	-0.34	-0.05	-0.18	-0.16	-0.63	-0.38	-0.37	-0.62
	-2.93	-2.97	-2.77	-2.21	-3.19	-2.44	-1.69	-0.88	-1.39	-1.41	-1.36	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
NINE_MILE_2	-7.76	-12.94	-8.49	-3.94	-14.71	-5.45	0.21	5.22	1.04	2.25	3.66	3.52	4.30	3.97	6.37	5.87	9.65	3.42	6.91	6.73	21.74	13.50	11.78	17.33
23744	0.36	0.55	0.38	0.22	0.61	0.24	0.05	-0.15	0.01	-0.03	-0.09	-0.08	-0.11	-0.10	-0.21	-0.18	-0.34	-0.05	-0.17	-0.16	-0.63	-0.38	-0.37	-0.62
	-2.93	-2.97	-2.77	-2.21	-3.19	-2.43	-1.69	-0.88	-1.39	-1.41	-1.36	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
NM_CAPITAL___DRP	29.97	24.91	27.04	24.69	25.93	25.97	22.25	17.12	19.24	20.89	21.73	22.36	21.25	20.31	15.84	18.70	18.56	27.90	24.92	23.99	23.19	22.51	18.37	18.66
24208	-0.40	-0.61	-0.43	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.36	0.05	0.21	0.21	0.82	0.50	0.46	0.70
	-41.41	-41.99	-39.11	-31.31	-45.14	-34.42	-23.83	-12.47	-19.61	-19.99	-19.25	-20.09	-17.98	-17.35	-9.72	-13.42	-8.83	-26.23	-18.96	-18.16	0.00	-8.75	-6.20	0.00
NM_CENTRAL___DRP	-7.28	-12.56	-8.06	-3.54	-14.30	-5.04	0.58	5.52	1.36	2.60	4.03	3.90	4.66	4.31	6.65	6.19	9.99	3.89	7.35	7.17	22.24	13.93	12.12	17.69
24181	0.14	0.24	0.16	0.10	0.26	0.09	0.01	-0.06	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.10	-0.08	-0.15	-0.02	-0.05	-0.03	-0.12	-0.10	-0.13	-0.27
	-3.62	-3.67	-3.42	-2.74	-3.95	-3.01	-2.08	-1.09	-1.71	-1.75	-1.68	-1.76	-1.57	-1.52	-0.85	-1.17	-0.77	-2.29	-1.66	-1.59	0.00	-0.76	-0.54	0.00
NM_FRONTIER___DRP	-5.10	-10.25	-5.99	-1.87	-11.94	-3.30	1.86	6.09	2.38	3.60	4.92	4.85	5.46	5.09	6.90	6.65	9.91	5.17	8.02	7.83	21.19	13.74	11.84	16.69
24179	0.14	0.33	0.17	0.12	0.25	0.01	0.04	-0.13	0.01	-0.05	-0.15	-0.14	-0.19	-0.18	-0.36	-0.32	-0.70	-0.11	-0.38	-0.33	-1.18	-0.76	-0.75	-1.27
	-5.80	-5.88	-5.47	-4.38	-6.32	-4.82	-3.33	-1.74	-2.73	-2.78	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.67	-2.65	-2.55	0.00	-1.23	-0.87	0.00
NM_ST_REGIS___HYD	-10.84	-15.69	-11.15	-2.22	-17.10	-4.30	1.83	8.82	0.13	0.86	2.35	2.14	3.11	2.79	5.74	4.95	9.17	1.57	5.56	5.45	21.85	13.10	11.60	17.88
24053	0.21	0.41	0.32	0.17	0.47	0.27	0.05	-0.12	0.01	-0.01	-0.04	-0.04	-0.04	-0.05	-0.16	-0.15	-0.20	-0.04	-0.18	-0.16	-0.51	-0.16	-0.11	-0.08
	0.00	-0.36	-0.17	-3.99	-0.93	-3.56	-3.31	-4.45	-0.47	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NORTHPORT___1	21.60	16.16	19.14	18.45	16.54	19.01	17.61	14.89	15.45	18.12	18.12	18.56	17.86	17.05	14.18	16.26	17.05	22.93	21.51	20.70	24.20	21.30	17.59	19.21
23551	-0.81	-1.29	-0.81	-0.47	-1.42	-0.66	-0.12	0.34	-0.03	0.07	0.18	0.15	0.19	0.18	0.43	0.32	0.55	0.12	0.45	0.42	1.82	0.97	0.87	1.25
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NORTHPORT___2	21.60	16.16	19.14	18.45	16.54	19.01	17.61	14.89	15.45	18.12	18.12	18.56	17.86	17.05	14.18	16.26	17.05	22.93	21.51	20.70	24.20	21.30	17.59	19.21
23552	-0.81	-1.29	-0.81	-0.47	-1.42	-0.66	-0.12	0.34	-0.03	0.07	0.18	0.15	0.19	0.18	0.43	0.32	0.55	0.12	0.45	0.42	1.82	0.97	0.87	1.25
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NORTHPORT___3	21.66	16.25	19.19	18.49	16.65	19.07	17.62	14.87	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.25	17.04	22.92	21.50	20.69	24.12	21.27	17.55	19.14
23553	-0.76	-1.21	-0.76	-0.43	-1.31	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.18	0.18	0.41	0.31	0.54	0.12	0.44	0.41	1.76	0.94	0.82	1.18
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NORTHPORT___4	21.66	16.25	19.19	18.49	16.65	19.07	17.62	14.87	15.46	18.11	18.11	18.55	17.85	17.04	14.16	16.25	17.04	22.92	21.50	20.69	24.12	21.27	17.55	19.14
23650	-0.76	-1.21	-0.76	-0.43	-1.31	-0.61	-0.11	0.31	-0.03	0.06	0.17	0.14	0.18	0.18	0.41	0.31	0.54	0.12	0.44	0.41	1.76	0.94	0.82	1.18
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NORTHPORT___IC	21.60	16.16	19.14	18.45	16.54	19.01	17.61	14.89	15.45	18.12	18.12	18.56	17.86	17.05	14.18	16.26	17.05	22.93	21.51	20.70	24.20	21.30	17.59	19.21
23718	-0.81	-1.29	-0.81	-0.47	-1.42	-0.66	-0.12	0.34	-0.03	0.07	0.18	0.15	0.19	0.18	0.43	0.32	0.55	0.12	0.45	0.42	1.82	0.97	0.87	1.25
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

NORTH___COUNTRY_ESR	-10.82	-17.22	-11.70	-22.12	-21.42	-21.98	-14.78	-13.71	-2.25	0.86	2.34	2.14	3.13	2.81	5.81	5.01	9.36	1.61	5.67	5.56	22.24	13.24	11.70	18.03
323785	0.22	0.70	0.61	0.35	0.86	0.51	0.09	-0.25	0.02	-0.01	-0.05	-0.04	-0.02	-0.03	-0.09	-0.09	-0.02	0.00	-0.08	-0.05	-0.13	-0.02	-0.01	0.07
	0.00	1.45	0.67	16.09	3.77	14.36	13.35	17.95	1.91	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NPX_GEN_1385_PROXY	21.83	16.55	19.43	18.55	16.73	19.01	17.59	14.89	15.46	18.10	18.08	18.52	17.79	17.00	14.08	16.16	16.81	22.90	21.36	20.55	23.92	21.07	17.47	19.04
323591	-0.58	-0.91	-0.52	-0.37	-1.22	-0.66	-0.13	0.34	-0.03	0.05	0.14	0.11	0.11	0.13	0.33	0.22	0.31	0.09	0.30	0.26	1.55	0.74	0.74	1.08
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NPX_GEN_CSC	21.50	15.98	19.01	18.38	16.34	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.87	17.05	14.21	16.29	17.14	22.95	21.60	20.77	24.47	21.46	17.67	19.26
323557	-0.92	-1.47	-0.95	-0.54	-1.62	-0.75	-0.14	0.39	-0.03	0.08	0.19	0.15	0.19	0.19	0.46	0.35	0.64	0.15	0.54	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NSINS_S._GLNS_FALLS	31.49	26.38	28.51	25.95	27.58	27.30	23.24	17.73	20.06	21.76	22.58	23.24	22.06	21.07	16.31	19.35	19.13	29.06	25.90	24.93	23.90	23.29	18.90	19.04
23858	-0.64	-0.93	-0.62	-0.32	-0.97	-0.45	-0.09	0.25	-0.02	0.05	0.13	0.11	0.16	0.14	0.28	0.26	0.56	0.10	0.39	0.39	1.54	0.90	0.72	1.08
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
NUCOR_STEEL___DRP	-6.32	-11.68	-7.14	-2.77	-13.29	-4.20	1.20	5.92	1.88	3.16	4.58	4.48	5.20	4.81	7.00	6.62	10.34	4.62	7.99	7.75	22.66	14.42	12.52	17.98
24197	-0.03	-0.03	0.01	0.02	0.04	-0.02	-0.01	0.01	0.00	0.00	-0.01	0.00	-0.01	-0.02	-0.02	-0.02	-0.04	0.01	0.07	0.06	0.29	0.16	0.10	0.03
	-4.75	-4.81	-4.48	-3.59	-5.18	-3.95	-2.73	-1.43	-2.25	-2.29	-2.21	-2.30	-2.06	-1.99	-1.11	-1.54	-1.01	-3.01	-2.18	-2.08	0.00	-1.00	-0.71	0.00
NUMBER_THREE_WT_PWR	-9.09	-14.22	-9.72	-4.30	-16.04	-5.92	-0.01	5.64	0.46	1.60	3.08	2.90	3.76	3.46	6.18	5.53	9.59	2.57	6.38	6.33	22.68	13.85	12.02	18.24
323818	0.42	0.63	0.44	0.21	0.64	0.31	0.04	-0.10	0.01	-0.01	-0.02	-0.03	-0.05	-0.03	-0.08	-0.06	-0.10	-0.01	-0.07	0.05	0.31	0.26	0.08	0.28
	-1.53	-1.61	-1.47	-1.86	-1.83	-1.90	-1.47	-1.25	-0.81	-0.74	-0.71	-0.74	-0.66	-0.64	-0.36	-0.49	-0.33	-0.97	-0.70	-0.67	0.00	-0.32	-0.23	0.00
NYISO_LBMP_REFERENCE	-11.04	-16.47	-11.64	-6.37	-18.51	-8.13	-1.52	4.49	-0.36	0.87	2.39	2.18	3.15	2.85	5.90	5.10	9.37	1.61	5.74	5.61	22.37	13.26	11.71	17.96
24008	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA_BRENTWD_____GT	21.49	15.98	19.01	18.39	16.36	18.93	17.59	14.93	15.45	18.13	18.14	18.58	17.89	17.07	14.24	16.31	17.16	22.95	21.59	20.78	24.52	21.50	17.74	19.40
24164	-0.93	-1.48	-0.94	-0.53	-1.60	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.17	0.21	0.21	0.49	0.37	0.66	0.15	0.53	0.50	2.15	1.17	1.01	1.44
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_GOWANUS_____GT5	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24156	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_GOWANUS_____GT6	21.63	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	23.99	21.24	17.51	19.08
24157	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_HARLEM__RVR__GT1	21.63	16.28	19.18	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.30	17.13	22.91	21.48	20.68	23.95	21.21	17.49	19.08
24160	-0.78	-1.17	-0.77	-0.42	-1.22	-0.51	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_HARLEM__RVR__GT2	21.63	16.28	19.18	18.50	16.73	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.30	17.13	22.91	21.48	20.68	23.95	21.21	17.49	19.08
24161	-0.78	-1.17	-0.77	-0.42	-1.22	-0.51	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_KENT_____GT	21.63	16.30	19.20	18.51	16.75	19.16	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.16	22.91	21.50	20.69	24.00	21.25	17.51	19.09
24152	-0.77	-1.15	-0.74	-0.40	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.38	0.66	0.12	0.43	0.42	1.63	0.92	0.79	1.13
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_POUCH1_____GT	21.67	16.36	19.25	18.53	16.82	19.19	17.64	14.83	15.45	17.07	18.09	18.55	17.88	17.04	14.15	16.27	17.08	22.90	21.45	20.65	23.83	21.16	17.45	18.99
24155	-0.73	-1.09	-0.70	-0.38	-1.12	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.14	0.20	0.18	0.40	0.33	0.58	0.10	0.39	0.37	1.46	0.83	0.73	1.03
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_VERNON_____GT2	21.63	16.30	19.20	18.50	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.21	16.31	17.16	22.91	21.50	20.70	24.02	21.26	17.52	19.09
24162	-0.77	-1.15	-0.74	-0.41	-1.19	-0.51	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.46	0.38	0.66	0.11	0.44	0.42	1.65	0.92	0.79	1.13
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.25	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

NYPA_VERNON_____GT3	21.63	16.30	19.20	18.50	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.21	16.31	17.16	22.91	21.50	20.70	24.02	21.26	17.52	19.09
24163	-0.77	-1.15	-0.74	-0.41	-1.19	-0.51	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.46	0.38	0.66	0.11	0.44	0.42	1.65	0.92	0.79	1.13
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.25	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA___ASTORIA_CC1	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
323568	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA___ASTORIA_CC2	21.63	16.30	19.21	18.51	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
323569	-0.77	-1.15	-0.74	-0.41	-1.19	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.15	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.63	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA___HOLTSVILL	21.54	16.03	19.05	18.41	16.42	18.96	17.60	14.92	15.45	18.12	18.13	18.57	17.87	17.05	14.21	16.29	17.12	22.94	21.57	20.76	24.41	21.43	17.68	19.28
23794	-0.87	-1.42	-0.91	-0.51	-1.53	-0.72	-0.13	0.36	-0.03	0.07	0.19	0.16	0.20	0.19	0.46	0.34	0.61	0.14	0.51	0.48	2.04	1.10	0.95	1.32
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_____HELLGATE_GT1	21.63	16.28	19.18	18.50	16.73	19.16	17.64	14.86	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.30	17.13	22.91	21.48	20.68	23.95	21.21	17.49	19.08
24158	-0.78	-1.17	-0.77	-0.42	-1.22	-0.51	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYPA_____HELLGATE_GT2	21.63	16.28	19.18	18.50	16.73	19.16	17.64	14.86	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.30	17.13	22.91	21.48	20.68	23.95	21.21	17.49	19.08
24159	-0.78	-1.17	-0.77	-0.42	-1.22	-0.51	-0.09	0.30	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.63	0.11	0.42	0.40	1.58	0.88	0.77	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
NYS_BARGE___HYD	-5.34	-10.56	-6.22	-2.02	-12.26	-3.48	1.76	6.11	2.34	3.58	4.93	4.84	5.48	5.10	6.96	6.71	10.03	5.14	8.08	7.91	21.54	13.96	11.99	16.95
23848	0.01	0.13	0.04	0.05	0.05	-0.08	0.00	-0.08	0.00	-0.04	-0.11	-0.10	-0.14	-0.13	-0.28	-0.24	-0.55	-0.08	-0.27	-0.22	-0.83	-0.52	-0.58	-1.01
	-5.70	-5.77	-5.38	-4.31	-6.21	-4.74	-3.28	-1.71	-2.70	-2.75	-2.65	-2.76	-2.47	-2.39	-1.34	-1.84	-1.21	-3.61	-2.61	-2.51	0.00	-1.21	-0.86	0.00
OAK ORCHARD___HYD	-6.32	-11.59	-7.15	-2.76	-13.29	-4.25	1.19	5.86	1.87	3.12	4.53	4.42	5.13	4.76	6.86	6.52	10.12	4.56	7.81	7.63	22.18	14.13	12.19	17.46
24046	0.01	0.09	0.04	0.05	0.08	-0.03	0.00	-0.05	0.00	-0.02	-0.05	-0.05	-0.07	-0.06	-0.14	-0.11	-0.25	-0.03	-0.09	-0.05	-0.19	-0.14	-0.23	-0.50
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
OAKDALE__35_KV_LOAD	-0.06	-5.37	-1.26	1.97	-6.58	0.98	4.84	7.87	4.88	6.23	7.57	7.58	7.99	7.52	8.56	8.74	11.81	8.67	10.92	10.56	22.76	15.81	13.50	18.09
356122	-0.11	-0.15	-0.09	-0.04	-0.15	-0.10	-0.02	0.05	-0.01	0.01	0.02	0.02	0.03	0.02	0.05	0.05	0.08	0.03	0.10	0.09	0.40	0.21	0.13	0.13
	-11.09	-11.24	-10.47	-8.38	-12.09	-9.22	-6.38	-3.34	-5.25	-5.35	-5.16	-5.38	-4.82	-4.65	-2.60	-3.59	-2.36	-7.02	-5.08	-4.86	0.00	-2.34	-1.66	0.00
OCC_CHEM___DRP	-5.10	-10.26	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.73
24175	0.14	0.32	0.16	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.73	-0.73	-1.23
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
OH_GEN_PROXY	-5.18	-10.37	-6.08	-1.93	-12.04	-3.37	1.80	6.11	2.36	3.61	4.96	4.88	5.51	5.13	6.97	6.74	10.07	5.17	8.09	7.91	21.50	22.01	11.98	16.92
24063	0.11	0.27	0.13	0.11	0.21	-0.01	0.01	-0.10	0.00	-0.04	-0.10	-0.09	-0.13	-0.12	-0.28	-0.22	-0.53	-0.08	-0.28	-0.22	-0.86	-0.54	-0.59	-1.03
	-5.74	-5.82	-5.43	-4.35	-6.26	-4.77	-3.30	-1.73	-2.72	-2.77	-2.67	-2.79	-2.50	-2.41	-1.35	-1.86	-1.23	-3.64	-2.63	-2.53	0.00	-9.29	-0.86	0.00
OLIN_CORP_DRP	-5.08	-10.24	-5.98	-1.85	-11.94	-3.29	1.85	6.11	2.41	3.63	4.96	4.88	5.50	5.12	6.93	6.69	9.94	5.20	8.05	7.88	21.18	13.77	11.83	16.69
24177	0.13	0.31	0.15	0.11	0.21	-0.01	0.01	-0.13	0.00	-0.05	-0.14	-0.13	-0.18	-0.16	-0.34	-0.30	-0.68	-0.11	-0.36	-0.30	-1.19	-0.73	-0.76	-1.27
	-5.83	-5.91	-5.51	-4.41	-6.36	-4.85	-3.36	-1.76	-2.76	-2.82	-2.71	-2.83	-2.53	-2.44	-1.37	-1.89	-1.24	-3.70	-2.67	-2.57	0.00	-1.24	-0.88	0.00
OLIN_CORP_DSASP	-5.11	-10.28	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.72
323712	0.13	0.30	0.15	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.72	-0.73	-1.24
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.42	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
ONEIDA_HERK_LFGE	-9.62	-14.94	-10.27	-4.99	-16.87	-6.67	-0.47	5.26	0.31	1.52	3.03	2.84	3.73	3.41	6.22	5.54	9.69	2.48	6.40	6.29	22.80	13.83	12.07	18.25
323681	0.08	0.13	0.09	0.03	0.10	0.04	0.00	0.01	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.01	0.03	0.01	0.04	0.10	0.43	0.28	0.16	0.30
	-1.34	-1.39	-1.28	-1.35	-1.54	-1.41	-1.05	-0.77	-0.67	-0.65	-0.62	-0.65	-0.58	-0.56	-0.31	-0.44	-0.29	-0.85	-0.62	-0.59	0.00	-0.28	-0.20	0.00
ONEIDA___115KV_TB4	-8.79	-14.20	-9.50	-4.64	-16.13	-6.26	-0.18	5.26	0.75	2.02	3.52	3.35	4.20	3.86	6.50	5.91	9.97	3.14	6.93	6.78	22.94	14.10	12.30	18.29
55905	-0.11	-0.13	-0.10	-0.05	-0.19	-0.09	-0.02	0.06	-0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.04	0.09	0.03	0.10	0.14	0.58	0.33	0.23	0.33
	-2.36	-2.40	-2.23	-1.79	-2.58	-1.97	-1.36	-0.71	-1.12	-1.14	-1.10	-1.15	-1.03	-0.99	-0.56	-0.77	-0.50	-1.50	-1.08	-1.04	0.00	-0.50	-0.35	0.00

ONONDAGA_REF_OCCRA	-6.64	-11.94	-7.46	-3.05	-13.64	-4.50	0.97	5.76	1.69	2.94	4.37	4.25	4.99	4.62	6.84	6.45	10.19	4.34	7.71	7.51	22.39	14.17	12.31	17.81
23987	0.08	0.15	0.10	0.06	0.16	0.04	0.01	-0.03	0.00	-0.01	-0.03	-0.02	-0.04	-0.03	-0.07	-0.05	-0.10	-0.01	-0.01	0.00	0.03	-0.01	-0.05	-0.15
	-4.32	-4.38	-4.08	-3.27	-4.71	-3.59	-2.49	-1.30	-2.05	-2.09	-2.01	-2.10	-1.88	-1.81	-1.01	-1.40	-0.92	-2.74	-1.98	-1.90	0.00	-0.91	-0.65	0.00
ONONDAGA___COGEN	-6.85	-12.14	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
23986	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
ONTARIO___LFGE	-5.66	-10.97	-6.52	-2.27	-12.58	-3.69	1.58	6.13	2.19	3.47	4.89	4.79	5.47	5.09	7.13	6.84	10.49	5.05	8.29	8.07	22.73	14.59	12.59	17.95
23819	-0.02	0.02	0.01	0.02	0.05	-0.05	-0.01	0.02	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.04	-0.01	-0.03	0.01	0.07	0.09	0.37	0.18	0.07	-0.01
	-5.40	-5.48	-5.10	-4.09	-5.89	-4.49	-3.11	-1.63	-2.56	-2.61	-2.51	-2.62	-2.35	-2.26	-1.27	-1.75	-1.15	-3.42	-2.48	-2.37	0.00	-1.14	-0.81	0.00
ORANGEVILLE_WT_PWR	-3.86	-9.00	-4.78	-0.93	-10.56	-2.30	2.50	6.49	2.93	4.20	5.56	5.50	6.10	5.70	7.38	7.23	10.52	5.97	8.78	8.56	21.95	14.44	12.44	17.35
323706	0.23	0.42	0.29	0.18	0.37	0.05	0.02	-0.09	-0.01	-0.03	-0.06	-0.05	-0.07	-0.06	-0.15	-0.12	-0.34	-0.05	-0.15	-0.12	-0.42	-0.30	-0.33	-0.61
	-6.96	-7.05	-6.57	-5.26	-7.58	-5.78	-4.00	-2.09	-3.29	-3.36	-3.23	-3.38	-3.02	-2.91	-1.63	-2.25	-1.48	-4.41	-3.18	-3.07	0.00	-1.48	-1.05	0.00
ORANGEVILLE___ESR	-3.86	-9.00	-4.78	-0.93	-10.56	-2.30	2.50	6.49	2.93	4.20	5.56	5.50	6.10	5.70	7.38	7.23	10.52	5.97	8.78	8.56	21.95	14.44	12.44	17.35
323794	0.23	0.42	0.29	0.18	0.37	0.05	0.02	-0.09	-0.01	-0.03	-0.06	-0.05	-0.07	-0.06	-0.15	-0.12	-0.34	-0.05	-0.15	-0.12	-0.42	-0.30	-0.33	-0.61
	-6.96	-7.05	-6.57	-5.26	-7.58	-5.78	-4.00	-2.09	-3.29	-3.36	-3.23	-3.38	-3.02	-2.91	-1.63	-2.25	-1.48	-4.41	-3.18	-3.07	0.00	-1.48	-1.05	0.00
OSWEGATCHIE___HYD	-9.59	-14.67	-10.14	-3.72	-16.35	-5.47	0.52	6.53	0.38	1.40	2.87	2.68	3.57	3.26	6.00	5.32	9.38	2.29	6.10	6.02	22.15	13.50	11.83	17.98
24044	0.33	0.51	0.37	0.18	0.56	0.28	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.06	-0.16	-0.14	-0.22	-0.04	-0.16	-0.08	-0.22	0.00	-0.05	0.03
	-1.12	-1.29	-1.13	-2.47	-1.60	-2.38	-1.99	-2.15	-0.72	-0.54	-0.52	-0.55	-0.49	-0.47	-0.27	-0.36	-0.24	-0.71	-0.51	-0.49	0.00	-0.24	-0.17	0.00
OSWEGO___5	-7.45	-12.66	-8.20	-3.69	-14.40	-5.19	0.42	5.36	1.22	2.44	3.85	3.72	4.49	4.14	6.50	6.02	9.79	3.67	7.12	6.94	21.89	13.66	11.91	17.44
23606	0.29	0.45	0.32	0.18	0.51	0.19	0.04	-0.12	0.01	-0.03	-0.07	-0.07	-0.09	-0.09	-0.18	-0.15	-0.29	-0.04	-0.14	-0.12	-0.48	-0.30	-0.30	-0.52
	-3.31	-3.35	-3.12	-2.50	-3.61	-2.75	-1.90	-1.00	-1.57	-1.60	-1.54	-1.60	-1.44	-1.39	-0.78	-1.07	-0.71	-2.09	-1.51	-1.45	0.00	-0.70	-0.49	0.00
OSWEGO___6	-7.45	-12.66	-8.20	-3.69	-14.40	-5.19	0.42	5.36	1.22	2.44	3.85	3.72	4.49	4.14	6.50	6.02	9.79	3.67	7.12	6.94	21.89	13.66	11.91	17.44
23613	0.29	0.45	0.32	0.18	0.51	0.19	0.04	-0.12	0.01	-0.03	-0.07	-0.07	-0.09	-0.09	-0.18	-0.15	-0.29	-0.04	-0.14	-0.12	-0.48	-0.30	-0.30	-0.52
	-3.31	-3.35	-3.12	-2.50	-3.61	-2.75	-1.90	-1.00	-1.57	-1.60	-1.54	-1.60	-1.44	-1.39	-0.78	-1.07	-0.71	-2.09	-1.51	-1.45	0.00	-0.70	-0.49	0.00
OUTOKUMPU-AB___DRP	-5.17	-10.42	-6.08	-1.89	-12.13	-3.35	1.88	6.22	2.43	3.68	5.05	4.96	5.60	5.22	7.06	6.82	10.17	5.29	8.23	8.05	21.78	14.13	12.15	17.14
24206	-0.04	0.05	-0.02	0.02	-0.06	-0.13	0.00	-0.04	0.00	-0.03	-0.08	-0.08	-0.11	-0.10	-0.22	-0.19	-0.46	-0.07	-0.23	-0.17	-0.59	-0.40	-0.46	-0.81
	-5.91	-5.99	-5.58	-4.47	-6.44	-4.91	-3.40	-1.78	-2.79	-2.85	-2.74	-2.87	-2.56	-2.47	-1.39	-1.92	-1.26	-3.74	-2.71	-2.61	0.00	-1.26	-0.89	0.00
OXBOW____	-5.17	-10.40	-6.08	-1.89	-12.08	-3.35	1.87	6.17	2.41	3.65	5.00	4.92	5.54	5.17	7.00	6.76	10.07	5.24	8.14	7.97	21.57	13.98	12.03	16.98
24026	0.02	0.13	0.03	0.05	0.04	-0.09	0.02	-0.07	0.00	-0.04	-0.11	-0.10	-0.14	-0.13	-0.27	-0.24	-0.54	-0.09	-0.28	-0.23	-0.80	-0.52	-0.56	-0.98
	-5.86	-5.94	-5.53	-4.43	-6.39	-4.87	-3.37	-1.76	-2.77	-2.82	-2.72	-2.84	-2.54	-2.45	-1.37	-1.90	-1.25	-3.71	-2.68	-2.58	0.00	-1.25	-0.88	0.00
OXY_CHEM_DSASP	-5.10	-10.26	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.73
323612	0.14	0.32	0.16	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.73	-0.73	-1.23
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
OZONE_PARK_ESR	21.59	16.23	19.17	18.49	16.69	19.14	17.63	14.86	15.45	17.08	18.12	18.57	17.91	17.08	14.23	16.34	17.21	22.92	21.53	20.73	24.16	21.35	17.59	19.19
323760	-0.82	-1.21	-0.78	-0.43	-1.25	-0.53	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.49	0.41	0.72	0.12	0.47	0.45	1.79	1.02	0.87	1.23
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A	-5.10	-10.26	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.73
345013	0.14	0.32	0.16	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.73	-0.73	-1.23
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
PACKARD__115KV_DUPONT_184	-5.10	-10.26	-6.00	-1.87	-11.95	-3.31	1.86	6.10	2.38	3.61	4.94	4.86	5.47	5.10	6.91	6.67	9.93	5.18	8.03	7.85	21.24	13.77	11.86	16.73
80571	0.14	0.32	0.16	0.12	0.23	0.00	0.04	-0.12	0.01	-0.05	-0.14	-0.13	-0.19	-0.17	-0.35	-0.31	-0.68	-0.11	-0.37	-0.32	-1.13	-0.73	-0.73	-1.23
	-5.80	-5.88	-5.48	-4.39	-6.33	-4.82	-3.34	-1.74	-2.74	-2.79	-2.69	-2.81	-2.51	-2.43	-1.36	-1.88	-1.24	-3.68	-2.66	-2.56	0.00	-1.23	-0.87	0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J	21.63	16.28	19.18	18.49	16.72	19.15	17.64	14.86	15.45	17.07	18.11	18.57	17.89	17.06	14.18	16.29	17.12	22.91	21.48	20.68	23.94	21.21	17.48	19.05
345007	-0.78	-1.17	-0.77	-0.42	-1.23	-0.52	-0.09	0.30	-0.03	0.06	0.17	0.16	0.22	0.20	0.43	0.36	0.62	0.11	0.42	0.40	1.58	0.88	0.76	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J	21.66	16.32	19.20	18.50	16.71	19.15	17.64	14.86	15.45	17.07	18.11	18.56	17.88	17.06	14.17	16.28	17.10	22.90	21.47	20.66	23.88	21.17	17.44	19.03
345019	-0.75	-1.12	-0.75	-0.42	-1.23	-0.52	-0.09	0.30	-0.03	0.05	0.17	0.15	0.21	0.20	0.42	0.35	0.60	0.10	0.41	0.38	1.51	0.84	0.72	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PATROON__115KV_TB1	30.68	25.60	27.71	25.25	26.67	26.58	22.69	17.39	19.61	21.28	22.12	22.76	21.62	20.66	16.06	19.00	18.79	28.42	25.33	24.39	23.40	22.80	18.58	18.78
80586	-0.48	-0.72	-0.50	-0.28	-0.82	-0.37	-0.07	0.20	-0.02	0.04	0.11	0.10	0.14	0.13	0.26	0.23	0.43	0.07	0.26	0.26	1.03	0.62	0.55	0.82
	-42.20	-42.79	-39.86	-31.91	-46.00	-35.07	-24.28	-12.70	-19.98	-20.37	-19.62	-20.48	-18.32	-17.68	-9.90	-13.68	-9.00	-26.73	-19.33	-18.51	0.00	-8.92	-6.32	0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A	-4.75	-10.02	-5.68	-1.56	-11.68	-2.98	2.14	6.41	2.65	3.94	5.32	5.25	5.87	5.48	7.29	7.08	10.49	5.62	8.57	8.37	22.26	14.51	12.47	17.53
345030	-0.10	-0.03	-0.07	-0.01	-0.13	-0.16	-0.02	0.01	-0.01	-0.01	-0.03	-0.03	-0.04	-0.05	-0.11	-0.08	-0.24	-0.04	-0.10	-0.05	-0.11	-0.12	-0.21	-0.43
	-6.38	-6.47	-6.03	-4.83	-6.96	-5.31	-3.67	-1.92	-3.02	-3.08	-2.97	-3.10	-2.77	-2.68	-1.50	-2.07	-1.36	-4.04	-2.92	-2.81	0.00	-1.36	-0.96	0.00
PAWLING_115_KV_BK3_REV_LBMP_H	22.00	16.70	19.55	18.76	17.16	19.44	17.82	14.92	15.60	17.22	18.24	18.70	18.02	17.18	14.25	16.40	17.19	23.10	21.62	20.83	24.00	21.32	17.54	19.04
345028	-0.71	-1.06	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.19	0.42	0.36	0.63	0.11	0.42	0.41	1.63	0.92	0.77	1.08
	-33.76	-34.23	-31.88	-25.52	-36.79	-28.06	-19.42	-10.16	-15.98	-16.29	-15.69	-16.38	-14.66	-14.15	-7.92	-10.94	-7.19	-21.38	-15.46	-14.81	0.00	-7.13	-5.06	0.00
PEEKSKILL____	21.78	16.51	19.35	18.59	16.97	19.26	17.66	14.80	15.47	17.08	18.09	18.55	17.87	17.04	14.14	16.27	17.07	22.91	21.45	20.65	23.80	21.14	17.40	18.92
23653	-0.64	-0.96	-0.62	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.56	0.10	0.38	0.36	1.42	0.81	0.68	0.95
	-33.47	-33.94	-31.61	-25.30	-36.48	-27.82	-19.26	-10.08	-15.85	-16.16	-15.56	-16.24	-14.53	-14.02	-7.85	-10.85	-7.14	-21.20	-15.33	-14.68	0.00	-7.07	-5.01	0.00
PGE MADISON___WINDPWR	-1.01	-6.64	-2.27	1.25	-8.07	0.16	4.47	7.93	4.61	6.00	7.40	7.39	7.84	7.35	8.55	8.70	12.00	8.40	10.99	10.66	24.18	16.52	14.07	19.07
24146	-0.52	-0.88	-0.59	-0.36	-1.06	-0.48	-0.09	0.27	-0.03	0.04	0.11	0.09	0.11	0.08	0.18	0.18	0.38	0.10	0.42	0.43	1.81	1.03	0.78	1.11
	-10.55	-10.70	-9.97	-7.98	-11.50	-8.77	-6.07	-3.18	-5.00	-5.09	-4.91	-5.12	-4.58	-4.42	-2.47	-3.42	-2.25	-6.68	-4.83	-4.63	0.00	-2.23	-1.58	0.00
PIERCEFIELD___HYD	-10.80	-15.85	-11.25	-3.84	-17.52	-5.76	0.50	7.05	-0.06	0.86	2.35	2.14	3.09	2.78	5.70	4.92	9.08	1.56	5.52	5.41	21.66	13.01	11.53	17.78
23852	0.24	0.40	0.29	0.15	0.44	0.24	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.07	-0.20	-0.18	-0.29	-0.06	-0.23	-0.20	-0.70	-0.25	-0.18	-0.18
	0.00	-0.21	-0.10	-2.39	-0.56	-2.13	-1.98	-2.66	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PINELAWN_CC_1	21.54	16.09	19.09	18.43	16.49	19.00	17.61	14.90	15.45	18.12	18.12	18.57	17.87	17.06	14.21	16.29	17.14	22.94	21.57	20.76	24.41	21.44	17.68	19.33
323563	-0.87	-1.37	-0.87	-0.49	-1.46	-0.67	-0.12	0.35	-0.03	0.07	0.18	0.15	0.20	0.20	0.46	0.36	0.64	0.13	0.51	0.48	2.04	1.11	0.96	1.37
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PJM_GEN_HTP_PROXY	21.69	16.83	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.10	18.55	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.21	17.47	19.02
323702	-0.71	-1.07	-0.68	-0.37	-1.11	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.63	0.11	0.41	0.39	1.56	0.88	0.75	1.06
	-33.45	-34.36	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PJM_GEN_KEYSTONE	9.49	4.67	7.76	9.25	3.73	8.97	10.46	10.89	9.51	10.97	12.16	12.37	12.30	11.67	10.97	12.01	14.04	14.88	15.47	14.91	23.02	18.01	15.08	18.27
24065	-0.36	-0.49	-0.32	-0.17	-0.52	-0.26	-0.04	0.12	-0.02	0.02	0.06	0.06	0.09	0.07	0.16	0.14	0.22	0.04	0.17	0.16	0.65	0.35	0.24	0.30
	-20.88	-21.62	-19.72	-15.79	-22.76	-17.36	-12.02	-6.29	-9.89	-10.08	-9.71	-10.13	-9.07	-8.75	-4.90	-6.77	-4.45	-13.23	-9.56	-9.15	0.00	-4.41	-3.12	0.00
PJM_GEN_NEPTUNE_PROXY	21.67	16.72	19.21	18.50	16.68	19.09	17.62	14.86	15.46	17.65	18.11	18.55	17.85	17.04	14.17	16.26	17.06	22.92	21.50	20.69	24.10	21.27	17.53	19.14
323594	-0.75	-1.18	-0.75	-0.42	-1.27	-0.58	-0.11	0.30	-0.02	0.06	0.16	0.14	0.18	0.18	0.41	0.32	0.56	0.12	0.43	0.41	1.73	0.94	0.81	1.17
	-33.46	-34.37	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-16.72	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PJM_GEN_VFT_PROXY	21.75	16.89	19.32	18.56	16.91	19.23	17.65	14.81	15.45	17.06	18.08	18.55	17.87	17.04	14.15	16.27	17.08	22.90	21.45	20.64	23.81	21.13	17.43	18.97
323633	-0.66	-1.01	-0.63	-0.35	-1.03	-0.43	-0.07	0.26	-0.02	0.05	0.15	0.14	0.20	0.18	0.40	0.34	0.58	0.10	0.39	0.36	1.44	0.80	0.71	1.00
	-33.45	-34.36	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PLATSBRG_115KV_PMLD1	-11.02	-17.35	-11.79	-21.19	-21.38	-21.19	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.48	1.64	5.75	5.65	22.58	13.46	11.86	18.25
355749	0.03	0.49	0.48	0.30	0.67	0.42	0.07	-0.19	0.02	0.00	-0.03	-0.02	0.02	0.00	-0.03	-0.02	0.11	0.02	0.01	0.04	0.21	0.20	0.15	0.29
	0.00	1.36	0.63	15.11	3.54	13.48	12.53	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLEASANTVLY___LBMP	23.44	18.22	20.91	19.82	18.79	20.61	18.58	15.25	16.22	17.83	18.80	19.30	18.53	17.68	14.46	16.73	17.32	23.89	22.11	21.29	23.59	21.36	17.55	18.79
24000	-0.57	-0.85	-0.55	-0.31	-0.90	-0.39	-0.07	0.21	-0.02	0.04	0.12	0.11	0.16	0.15	0.33	0.28	0.48	0.08	0.32	0.31	1.22	0.69	0.59	0.83
	-35.05	-35.53	-33.10	-26.50	-38.20	-29.13	-20.16	-10.55	-16.60	-16.92	-16.29	-17.00	-15.22	-14.69	-8.22	-11.36	-7.47	-22.20	-16.05	-15.37	0.00	-7.41	-5.25	0.00
PLSNTVLE_13_KV_13.8KVDIST	21.97	16.70	19.53	18.74	17.17	19.42	17.78	14.87	15.57	17.18	18.19	18.66	17.97	17.14	14.20	16.34	17.12	23.05	21.55	20.75	23.83	21.21	17.46	18.95
80602	-0.66	-0.99	-0.64	-0.35	-1.03	-0.44	-0.08	0.25	-0.02	0.05	0.15	0.13	0.19	0.18	0.39	0.33	0.57	0.10	0.38	0.37	1.46	0.83	0.70	0.99
	-33.68	-34.15	-31.81	-25.46	-36.71	-27.99	-19.38	-10.14	-15.95	-16.26	-15.66	-16.34	-14.62	-14.11	-7.90	-10.91	-7.18	-21.33	-15.42	-14.77	0.00	-7.12	-5.04	0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I	21.97	16.70	19.53	18.74	17.17	19.42	17.78	14.87	15.57	17.18	18.19	18.66	17.97	17.14	14.20	16.34	17.12	23.05	21.55	20.75	23.83	21.21	17.46	18.95
345020	-0.66	-0.99	-0.64	-0.35	-1.03	-0.44	-0.08	0.25	-0.02	0.05	0.15	0.13	0.19	0.18	0.39	0.33	0.57	0.10	0.38	0.37	1.46	0.83	0.70	0.99
	-33.68	-34.15	-31.81	-25.46	-36.71	-27.99	-19.38	-10.14	-15.95	-16.26	-15.66	-16.34	-14.62	-14.11	-7.90	-10.91	-7.18	-21.33	-15.42	-14.77	0.00	-7.12	-5.04	0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G	22.45	17.19	19.97	19.08	17.68	19.80	18.04	15.00	15.78	17.39	18.39	18.86	18.14	17.31	14.27	16.47	17.18	23.33	21.74	20.94	23.81	21.29	17.50	18.91
345023	-0.64	-0.94	-0.62	-0.34	-1.01	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.18	0.17	0.37	0.31	0.54	0.10	0.37	0.36	1.44	0.82	0.67	0.95
	-34.13	-34.60	-32.23	-25.80	-37.20	-28.36	-19.63	-10.27	-16.16	-16.47	-15.86	-16.56	-14.82	-14.30	-8.01	-11.06	-7.27	-21.62	-15.63	-14.97	0.00	-7.21	-5.11	0.00
POLETTI____	21.72	16.41	19.29	18.55	16.88	19.21	17.65	14.81	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.11	22.90	21.46	20.66	23.88	21.18	17.45	19.00
23519	-0.69	-1.03	-0.66	-0.36	-1.07	-0.45	-0.08	0.26	-0.02	0.06	0.16	0.14	0.21	0.19	0.42	0.36	0.61	0.11	0.40	0.38	1.51	0.85	0.73	1.04
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PORT_JEFF_3	21.51	16.00	19.02	18.39	16.38	18.94	17.60	14.93	15.45	18.13	18.13	18.57	17.88	17.06	14.22	16.30	17.15	22.95	21.59	20.78	24.49	21.48	17.71	19.33
23555	-0.91	-1.46	-0.93	-0.52	-1.57	-0.73	-0.14	0.37	-0.03	0.08	0.19	0.16	0.20	0.20	0.47	0.36	0.65	0.14	0.53	0.49	2.12	1.15	0.99	1.37
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PORT_JEFF_4	21.51	16.00	19.02	18.39	16.38	18.94	17.60	14.93	15.45	18.13	18.13	18.57	17.88	17.06	14.22	16.30	17.15	22.95	21.59	20.78	24.49	21.48	17.71	19.33
23616	-0.91	-1.46	-0.93	-0.52	-1.57	-0.73	-0.14	0.37	-0.03	0.08	0.19	0.16	0.20	0.20	0.47	0.36	0.65	0.14	0.53	0.49	2.12	1.15	0.99	1.37
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PORT_JEFF_IC	21.49	15.97	19.01	18.39	16.37	18.94	17.59	14.93	15.45	18.13	18.14	18.58	17.88	17.06	14.23	16.31	17.16	22.96	21.61	20.79	24.54	21.51	17.74	19.36
23713	-0.92	-1.48	-0.95	-0.53	-1.59	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.16	0.21	0.20	0.48	0.37	0.66	0.15	0.55	0.51	2.17	1.18	1.01	1.40
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PPL PILGRIM_ST_GT1	21.49	15.98	19.01	18.39	16.36	18.93	17.59	14.93	15.45	18.13	18.14	18.58	17.89	17.07	14.24	16.31	17.16	22.95	21.59	20.78	24.52	21.50	17.74	19.40
24216	-0.93	-1.48	-0.94	-0.53	-1.60	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.17	0.21	0.21	0.49	0.37	0.66	0.15	0.53	0.50	2.15	1.17	1.01	1.44
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PPL PILGRIM_ST_GT2	21.49	15.98	19.01	18.39	16.36	18.93	17.59	14.93	15.45	18.13	18.14	18.58	17.89	17.07	14.24	16.31	17.16	22.95	21.59	20.78	24.52	21.50	17.74	19.40
24217	-0.93	-1.48	-0.94	-0.53	-1.60	-0.74	-0.13	0.38	-0.03	0.08	0.20	0.17	0.21	0.21	0.49	0.37	0.66	0.15	0.53	0.50	2.15	1.17	1.01	1.44
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PPL_SHRM_GT3	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.86	17.05	14.21	16.29	17.13	22.95	21.60	20.77	24.47	21.46	17.67	19.26
24213	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.07	0.19	0.15	0.19	0.18	0.45	0.35	0.63	0.14	0.53	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PPL_SHRM_GT4	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.86	17.05	14.21	16.29	17.13	22.95	21.60	20.77	24.47	21.46	17.67	19.26
24214	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.07	0.19	0.15	0.19	0.18	0.45	0.35	0.63	0.14	0.53	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
PROJECT___ORANGE 1	-7.24	-12.53	-8.02	-3.51	-14.26	-5.00	0.61	5.53	1.38	2.62	4.06	3.92	4.69	4.33	6.66	6.21	10.00	3.92	7.38	7.19	22.25	13.95	12.14	17.70
24174	0.13	0.22	0.16	0.09	0.25	0.08	0.02	-0.05	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.10	-0.07	-0.15	-0.02	-0.04	-0.03	-0.12	-0.09	-0.12	-0.26
	-3.67	-3.72	-3.46	-2.77	-4.00	-3.05	-2.11	-1.11	-1.74	-1.77	-1.70	-1.78	-1.59	-1.54	-0.86	-1.19	-0.78	-2.32	-1.68	-1.61	0.00	-0.78	-0.55	0.00
PROJECT___ORANGE 2	-7.24	-12.53	-8.02	-3.51	-14.26	-5.00	0.61	5.53	1.38	2.62	4.06	3.92	4.69	4.33	6.66	6.21	10.00	3.92	7.38	7.19	22.25	13.95	12.14	17.70
24166	0.13	0.22	0.16	0.09	0.25	0.08	0.02	-0.05	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.10	-0.07	-0.15	-0.02	-0.04	-0.03	-0.12	-0.09	-0.12	-0.26
	-3.67	-3.72	-3.46	-2.77	-4.00	-3.05	-2.11	-1.11	-1.74	-1.77	-1.70	-1.78	-1.59	-1.54	-0.86	-1.19	-0.78	-2.32	-1.68	-1.61	0.00	-0.78	-0.55	0.00
PUCKETT___SOLAR	0.06	-5.33	-1.17	2.08	-6.55	1.09	4.98	8.02	5.00	6.37	7.72	7.73	8.13	7.64	8.63	8.85	11.93	8.85	11.13	10.78	23.18	16.11	13.74	18.38
323809	-0.26	-0.37	-0.25	-0.13	-0.41	-0.22	-0.04	0.12	-0.01	0.02	0.05	0.04	0.05	0.03	0.07	0.07	0.14	0.05	0.19	0.19	0.81	0.45	0.33	0.42
	-11.35	-11.51	-10.72	-8.58	-12.38	-9.43	-6.53	-3.42	-5.38	-5.48	-5.28	-5.51	-4.93	-4.76	-2.66	-3.68	-2.42	-7.19	-5.20	-4.98	0.00	-2.40	-1.70	0.00
PYRITES___HYD	-10.93	-16.09	-11.43	-4.19	-17.88	-6.11	0.27	6.85	-0.10	0.86	2.37	2.16	3.11	2.81	5.77	4.99	9.21	1.58	5.62	5.50	22.01	13.17	11.65	17.96
24023	0.11	0.18	0.12	0.04	0.13	0.10	0.02	-0.03	0.01	-0.01	-0.02	-0.02	-0.03	-0.04	-0.13	-0.11	-0.16	-0.03	-0.12	-0.11	-0.36	-0.09	-0.07	0.00
	0.00	-0.19	-0.09	-2.15	-0.50	-1.91	-1.78	-2.39	-0.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
QUAKERRD_115KV_BK1	-6.17	-11.32	-6.98	-2.72	-13.00	-4.16	1.15	5.72	1.81	3.04	4.42	4.31	5.00	4.64	6.71	6.37	9.91	4.45	7.62	7.45	21.67	13.80	11.93	17.12
80622	0.29	0.51	0.33	0.20	0.52	0.17	0.04	-0.15	0.01	-0.04	-0.10	-0.09	-0.13	-0.12	-0.27	-0.21	-0.44	-0.07	-0.21	-0.17	-0.70	-0.44	-0.48	-0.84
	-4.58	-4.64	-4.32	-3.46	-4.99	-3.81	-2.63	-1.38	-2.17	-2.21	-2.13	-2.22	-1.99	-1.92	-1.07	-1.48	-0.97	-2.90	-2.10	-2.01	0.00	-0.97	-0.69	0.00

QUENSBRY_115KV_TB8	31.51	26.39	28.54	25.97	27.61	27.33	23.26	17.75	20.08	21.78	22.60	23.26	22.07	21.09	16.33	19.37	19.16	29.08	25.93	24.97	23.96	23.33	18.93	19.07
356137	-0.66	-0.95	-0.63	-0.32	-0.97	-0.45	-0.09	0.26	-0.02	0.05	0.13	0.12	0.17	0.14	0.28	0.27	0.58	0.10	0.40	0.40	1.59	0.94	0.74	1.11
	-43.21	-43.81	-40.80	-32.67	-47.09	-35.91	-24.86	-13.01	-20.46	-20.86	-20.09	-20.97	-18.76	-18.11	-10.14	-14.00	-9.21	-27.37	-19.79	-18.95	0.00	-9.13	-6.47	0.00
RAMAPO___LBMP	20.42	15.14	18.06	17.55	15.49	18.12	16.87	14.37	14.81	16.40	17.43	17.87	17.26	16.45	13.79	15.80	16.74	22.03	20.79	20.02	23.71	20.80	17.14	18.84
323565	-0.62	-0.92	-0.60	-0.33	-0.97	-0.41	-0.07	0.23	-0.02	0.04	0.13	0.12	0.18	0.17	0.36	0.30	0.53	0.09	0.36	0.34	1.34	0.76	0.62	0.89
	-32.08	-32.53	-30.29	-24.25	-34.96	-26.66	-18.46	-9.66	-15.19	-15.48	-14.91	-15.57	-13.93	-13.44	-7.53	-10.39	-6.84	-20.32	-14.69	-14.07	0.00	-6.78	-4.80	0.00
RANKINE____	-4.82	-10.05	-5.73	-1.61	-11.71	-3.05	2.07	6.34	2.59	3.87	5.24	5.17	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.08	14.39	12.36	17.38
23646	-0.03	0.08	0.00	0.04	-0.01	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.15	-0.12	-0.33	-0.05	-0.15	-0.09	-0.29	-0.21	-0.30	-0.58
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
RAVENSWOOD_GT2_1	21.69	16.37	19.26	18.53	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.21	17.47	19.03
24244	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT2_2	21.69	16.37	19.26	18.53	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.21	17.47	19.03
24245	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT2_3	21.68	16.37	19.26	18.53	16.82	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.18	16.30	17.13	22.91	21.47	20.68	23.93	21.21	17.48	19.04
24246	-0.72	-1.08	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.43	0.36	0.63	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT2_4	21.68	16.37	19.26	18.53	16.82	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.18	16.30	17.13	22.91	21.47	20.68	23.93	21.21	17.48	19.04
24247	-0.72	-1.08	-0.69	-0.38	-1.12	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.43	0.36	0.63	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT3_1	21.69	16.38	19.26	18.53	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24248	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT3_2	21.69	16.38	19.26	18.53	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24249	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.14	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT3_3	21.67	16.35	19.25	18.53	16.81	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.68	23.96	21.23	17.49	19.06
24250	-0.73	-1.10	-0.70	-0.39	-1.14	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.58	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT3_4	21.67	16.35	19.25	18.53	16.81	19.19	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.68	23.96	21.23	17.49	19.06
24251	-0.73	-1.10	-0.70	-0.39	-1.14	-0.48	-0.08	0.27	-0.03	0.06	0.16	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.58	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_1	21.63	16.30	19.20	18.50	16.75	19.16	17.64	14.85	15.45	17.07	18.11	18.57	17.90	17.07	14.21	16.31	17.16	22.91	21.50	20.70	24.02	21.26	17.52	19.09
23729	-0.77	-1.15	-0.74	-0.41	-1.19	-0.51	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.46	0.38	0.66	0.11	0.44	0.42	1.65	0.92	0.79	1.13
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.25	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_10	21.69	16.38	19.26	18.54	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24258	-0.71	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_11	21.69	16.38	19.26	18.54	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24259	-0.71	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_4	21.69	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.92	21.20	17.47	19.02
24252	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.55	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

RAVENSWOOD_GT_5	21.69	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.92	21.20	17.47	19.02
24254	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.55	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_6	21.69	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.92	21.20	17.47	19.02
24253	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.55	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_7	21.69	16.38	19.27	18.54	16.84	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.92	21.20	17.47	19.02
24255	-0.71	-1.06	-0.68	-0.37	-1.10	-0.47	-0.08	0.27	-0.02	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.55	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11)	21.69	16.38	19.26	18.54	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24256	-0.71	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD_GT_9	21.69	16.38	19.26	18.54	16.84	19.19	17.64	14.82	15.45	17.07	18.10	18.55	17.88	17.06	14.18	16.29	17.12	22.91	21.47	20.67	23.93	21.20	17.47	19.02
24257	-0.71	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.62	0.11	0.41	0.39	1.56	0.87	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD___1	21.66	16.33	19.23	18.52	16.79	19.18	17.64	14.84	15.45	17.07	18.11	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.69	23.96	21.23	17.49	19.06
23533	-0.75	-1.12	-0.72	-0.40	-1.16	-0.49	-0.09	0.28	-0.03	0.06	0.17	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.59	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD___2	21.66	16.33	19.23	18.52	16.79	19.18	17.64	14.84	15.45	17.07	18.11	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.69	23.96	21.23	17.49	19.06
23534	-0.75	-1.12	-0.72	-0.40	-1.16	-0.49	-0.09	0.28	-0.03	0.06	0.17	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.59	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD___3	21.69	16.37	19.26	18.53	16.83	19.19	17.64	14.82	15.45	17.07	18.10	18.56	17.88	17.06	14.18	16.30	17.12	22.91	21.47	20.67	23.93	21.21	17.48	19.03
23535	-0.72	-1.07	-0.69	-0.38	-1.11	-0.47	-0.08	0.27	-0.03	0.05	0.16	0.15	0.21	0.20	0.43	0.36	0.63	0.11	0.41	0.39	1.56	0.88	0.75	1.07
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RAVENSWOOD___4	21.66	16.33	19.23	18.52	16.79	19.18	17.64	14.84	15.45	17.07	18.11	18.56	17.89	17.06	14.19	16.30	17.14	22.91	21.48	20.69	23.96	21.23	17.49	19.06
23820	-0.75	-1.12	-0.72	-0.40	-1.16	-0.49	-0.09	0.28	-0.03	0.06	0.17	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.59	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RCPI_TRUST___DRP	21.67	16.35	19.24	18.53	16.81	19.18	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.15	22.91	21.49	20.69	23.98	21.24	17.49	19.06
24196	-0.73	-1.10	-0.70	-0.39	-1.14	-0.49	-0.08	0.28	-0.02	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.65	0.11	0.43	0.40	1.60	0.91	0.77	1.10
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RED___ROCHESTER	-6.39	-11.70	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.22	12.27	17.57
323720	-0.05	0.00	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.07	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
REGAN___SOLAR	37.11	31.99	33.73	30.18	33.44	31.94	26.55	19.59	22.81	24.59	25.35	26.09	24.58	23.54	17.69	21.22	20.20	32.82	28.68	27.63	24.44	24.86	20.08	19.50
323812	-0.85	-1.23	-0.92	-0.50	-1.46	-0.66	-0.12	0.36	-0.03	0.07	0.18	0.13	0.15	0.16	0.29	0.24	0.38	0.16	0.49	0.53	2.07	1.24	1.03	1.53
	-49.01	-49.69	-46.28	-37.05	-53.42	-40.73	-28.20	-14.75	-23.20	-23.66	-22.78	-23.78	-21.28	-20.54	-11.50	-15.88	-10.44	-31.04	-22.44	-21.50	-0.01	-10.35	-7.34	-0.01
RENSSELAER___COGEN	29.94	24.89	27.03	24.68	25.90	25.95	22.24	17.11	19.22	20.88	21.72	22.35	21.24	20.29	15.83	18.70	18.55	27.88	24.91	23.98	23.21	22.52	18.37	18.66
23796	-0.40	-0.61	-0.43	-0.24	-0.70	-0.31	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.18	0.35	0.05	0.21	0.21	0.84	0.51	0.46	0.69
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
REPUBLIC_115KV_BARTNBRK	30.80	25.40	27.95	25.66	26.47	26.78	23.13	18.04	20.04	21.79	22.68	23.33	22.18	21.18	16.53	19.59	19.66	29.14	26.25	25.29	25.30	24.14	19.52	20.08
55605	-1.33	-1.91	-1.18	-0.60	-2.07	-0.97	-0.19	0.56	-0.04	0.08	0.22	0.20	0.28	0.24	0.50	0.50	1.08	0.18	0.74	0.74	2.92	1.76	1.34	2.11
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
REVERE_CPPR_DRP	-9.13	-14.56	-9.82	-4.90	-16.52	-6.54	-0.37	5.18	0.60	1.87	3.38	3.21	4.07	3.73	6.44	5.82	9.94	2.94	6.82	6.68	23.12	14.14	12.33	18.44
24186	-0.13	-0.17	-0.11	-0.07	-0.24	-0.11	-0.02	0.08	-0.01	0.01	0.05	0.03	0.04	0.03	0.06	0.06	0.13	0.04	0.13	0.17	0.75	0.44	0.31	0.48
	-2.05	-2.07	-1.93	-1.54	-2.23	-1.70	-1.18	-0.62	-0.97	-0.99	-0.95	-0.99	-0.89	-0.86	-0.48	-0.66	-0.44	-1.29	-0.94	-0.90	0.00	-0.43	-0.31	0.00

REYNOLDS_115KV_TB3	29.97	24.92	27.04	24.69	25.94	25.97	22.24	17.11	19.23	20.88	21.72	22.34	21.24	20.29	15.82	18.69	18.53	27.88	24.89	23.96	23.13	22.48	18.35	18.64
80639	-0.38	-0.58	-0.41	-0.23	-0.67	-0.30	-0.06	0.16	-0.01	0.03	0.09	0.08	0.11	0.10	0.21	0.18	0.34	0.05	0.20	0.20	0.76	0.47	0.44	0.67
	-41.39	-41.97	-39.09	-31.29	-45.12	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.35	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
RIVERBAY____	21.66	16.32	19.20	18.50	16.71	19.15	17.64	14.86	15.45	17.07	18.11	18.56	17.88	17.06	14.17	16.28	17.10	22.90	21.47	20.66	23.88	21.17	17.44	19.03
323610	-0.75	-1.12	-0.75	-0.42	-1.23	-0.52	-0.09	0.30	-0.03	0.05	0.17	0.15	0.21	0.20	0.42	0.35	0.60	0.10	0.41	0.38	1.51	0.84	0.72	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
RIVERSDE_115KV_TB3	29.97	24.91	27.04	24.69	25.93	25.97	22.25	17.12	19.24	20.89	21.73	22.36	21.25	20.31	15.84	18.70	18.56	27.90	24.92	23.99	23.19	22.51	18.37	18.66
55908	-0.40	-0.61	-0.43	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.11	0.22	0.19	0.36	0.05	0.21	0.21	0.82	0.50	0.46	0.70
	-41.41	-41.99	-39.11	-31.31	-45.14	-34.42	-23.83	-12.47	-19.61	-19.99	-19.25	-20.09	-17.98	-17.35	-9.72	-13.42	-8.83	-26.23	-18.96	-18.16	0.00	-8.75	-6.20	0.00
ROARING___BROOK_WT_PWR	-29.86	-30.32	-10.98	-6.05	-17.50	-7.63	-1.44	4.30	-0.34	0.85	2.33	2.13	3.08	2.81	5.82	5.03	9.24	1.58	5.59	5.49	21.91	13.00	11.43	17.65
323790	0.73	1.09	0.66	0.33	1.01	0.49	0.08	-0.18	0.02	-0.02	-0.06	-0.05	-0.06	-0.04	-0.08	-0.07	-0.13	-0.03	-0.15	-0.12	-0.46	-0.27	-0.29	-0.30
	19.54	14.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ROCHESRG_115KV_T4	-6.31	-11.56	-7.14	-2.77	-13.28	-4.25	1.17	5.83	1.85	3.10	4.50	4.39	5.10	4.73	6.83	6.49	10.08	4.53	7.76	7.59	22.07	14.04	12.13	17.40
355643	0.05	0.16	0.08	0.07	0.14	-0.01	0.00	-0.06	0.00	-0.02	-0.06	-0.06	-0.08	-0.07	-0.16	-0.13	-0.29	-0.04	-0.12	-0.08	-0.30	-0.21	-0.28	-0.56
	-4.68	-4.74	-4.42	-3.54	-5.09	-3.89	-2.69	-1.41	-2.22	-2.26	-2.17	-2.27	-2.03	-1.96	-1.10	-1.52	-1.00	-2.96	-2.14	-2.06	0.00	-0.99	-0.70	0.00
ROCHESTER_9_IC	-6.34	-11.62	-7.17	-2.78	-13.33	-4.27	1.18	5.85	1.86	3.12	4.52	4.42	5.12	4.75	6.87	6.52	10.13	4.55	7.81	7.63	22.21	14.14	12.20	17.49
23652	0.00	0.09	0.03	0.04	0.06	-0.04	0.00	-0.04	0.00	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.10	-0.24	-0.03	-0.08	-0.04	-0.15	-0.12	-0.21	-0.47
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
ROCKVIEW_13_KV_LD	21.70	16.40	19.27	18.54	16.86	19.20	17.64	14.82	15.45	17.07	18.09	18.55	17.88	17.06	14.17	16.29	17.12	22.91	21.47	20.67	23.93	21.21	17.47	19.02
356306	-0.70	-1.05	-0.68	-0.37	-1.09	-0.47	-0.08	0.27	-0.02	0.06	0.15	0.14	0.21	0.19	0.42	0.36	0.62	0.11	0.41	0.39	1.56	0.88	0.75	1.06
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.25	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
ROME_____115KV_TB2	-9.13	-14.56	-9.82	-4.90	-16.52	-6.54	-0.37	5.18	0.60	1.87	3.38	3.21	4.07	3.73	6.44	5.82	9.94	2.94	6.82	6.68	23.12	14.14	12.33	18.44
80656	-0.13	-0.17	-0.11	-0.07	-0.24	-0.11	-0.02	0.08	-0.01	0.01	0.05	0.03	0.04	0.03	0.06	0.06	0.13	0.04	0.13	0.17	0.75	0.44	0.31	0.48
	-2.05	-2.07	-1.93	-1.54	-2.23	-1.70	-1.18	-0.62	-0.97	-0.99	-0.95	-0.99	-0.89	-0.86	-0.48	-0.66	-0.44	-1.29	-0.94	-0.90	0.00	-0.43	-0.31	0.00
ROSETON___1	21.47	16.22	19.05	18.33	16.65	18.98	17.45	14.66	15.29	16.88	17.89	18.35	17.68	16.86	14.00	16.10	16.91	22.66	21.23	20.44	23.62	20.96	17.26	18.80
23587	-0.58	-0.86	-0.56	-0.31	-0.91	-0.39	-0.07	0.21	-0.02	0.04	0.12	0.11	0.17	0.15	0.34	0.28	0.49	0.09	0.33	0.32	1.25	0.71	0.59	0.84
	-33.09	-33.55	-31.25	-25.02	-36.06	-27.50	-19.04	-9.96	-15.67	-15.97	-15.38	-16.05	-14.37	-13.87	-7.77	-10.72	-7.05	-20.96	-15.15	-14.51	0.00	-6.99	-4.96	0.00
ROSETON___2	21.47	16.22	19.05	18.33	16.65	18.98	17.45	14.66	15.29	16.88	17.89	18.35	17.68	16.86	14.00	16.10	16.91	22.66	21.23	20.44	23.62	20.96	17.26	18.80
23588	-0.58	-0.86	-0.56	-0.31	-0.91	-0.39	-0.07	0.21	-0.02	0.04	0.12	0.11	0.17	0.15	0.34	0.28	0.49	0.09	0.33	0.32	1.25	0.71	0.59	0.84
	-33.09	-33.55	-31.25	-25.02	-36.06	-27.50	-19.04	-9.96	-15.67	-15.97	-15.38	-16.05	-14.37	-13.87	-7.77	-10.72	-7.05	-20.96	-15.15	-14.51	0.00	-6.99	-4.96	0.00
ROTTRDAM_115KV_TB3	32.37	27.36	29.32	26.52	28.57	27.98	23.63	17.84	20.37	22.05	22.84	23.52	22.28	21.30	16.38	19.47	19.05	29.42	26.04	25.06	23.28	23.06	18.73	18.63
80664	-0.40	-0.60	-0.42	-0.23	-0.68	-0.30	-0.06	0.16	-0.01	0.03	0.09	0.08	0.11	0.10	0.20	0.17	0.34	0.06	0.23	0.23	0.91	0.54	0.46	0.67
	-43.81	-44.42	-41.38	-33.12	-47.75	-36.41	-25.21	-13.19	-20.75	-21.15	-20.37	-21.26	-19.03	-18.36	-10.28	-14.20	-9.34	-27.75	-20.06	-19.22	0.00	-9.26	-6.56	0.00
RUSSELL___1	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
23602	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
RUSSELL___2	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
23532	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
RUSSELL___3	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
23549	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
RUSSELL___4	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
23556	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00

RUSSELL___STATION	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
23914	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
S SALMON___HYD	-7.71	-12.93	-8.44	-3.90	-14.69	-5.40	0.26	5.30	1.08	2.31	3.75	3.60	4.38	4.05	6.46	5.96	9.79	3.51	7.03	6.91	22.25	13.86	12.05	17.76
24043	0.30	0.46	0.33	0.18	0.51	0.20	0.04	-0.10	0.00	-0.02	-0.05	-0.05	-0.08	-0.07	-0.15	-0.12	-0.22	-0.03	-0.10	-0.04	-0.12	-0.05	-0.12	-0.20
	-3.04	-3.08	-2.87	-2.30	-3.31	-2.53	-1.75	-0.91	-1.44	-1.47	-1.41	-1.48	-1.32	-1.27	-0.71	-0.98	-0.65	-1.93	-1.39	-1.33	0.00	-0.64	-0.45	0.00
S.PERRY__115KV_TB1	-5.27	-10.55	-6.14	-1.91	-12.10	-3.32	1.87	6.31	2.44	3.73	5.14	5.05	5.70	5.32	7.27	7.05	10.66	5.40	8.57	8.40	23.25	15.05	12.92	18.24
80734	-0.17	-0.10	-0.11	-0.03	-0.06	-0.13	-0.03	0.04	-0.01	-0.01	-0.01	-0.01	-0.02	-0.02	-0.02	0.02	0.02	0.02	0.10	0.18	0.88	0.53	0.31	0.28
	-5.94	-6.02	-5.61	-4.49	-6.48	-4.94	-3.42	-1.79	-2.81	-2.87	-2.76	-2.88	-2.58	-2.49	-1.39	-1.93	-1.27	-3.76	-2.72	-2.61	0.00	-1.26	-0.89	0.00
SAWYER_23_KV_LOAD_REV_LBMP_A	-5.02	-10.23	-5.92	-1.78	-11.91	-3.22	1.93	6.23	2.48	3.74	5.10	5.02	5.66	5.27	7.09	6.86	10.22	5.35	8.28	8.11	21.79	14.16	12.17	17.15
345024	0.02	0.15	0.04	0.06	0.06	-0.08	0.00	-0.06	0.00	-0.03	-0.08	-0.07	-0.10	-0.09	-0.22	-0.18	-0.44	-0.07	-0.22	-0.16	-0.58	-0.38	-0.45	-0.81
	-6.00	-6.09	-5.67	-4.54	-6.54	-4.99	-3.45	-1.81	-2.84	-2.90	-2.79	-2.91	-2.61	-2.52	-1.41	-1.95	-1.28	-3.80	-2.75	-2.65	0.00	-1.28	-0.91	0.00
SAWYER___23_KV_LOAD	-5.02	-10.23	-5.92	-1.78	-11.91	-3.22	1.93	6.23	2.48	3.74	5.10	5.02	5.66	5.27	7.09	6.86	10.22	5.35	8.28	8.11	21.79	14.16	12.17	17.15
55526	0.02	0.15	0.04	0.06	0.06	-0.08	0.00	-0.06	0.00	-0.03	-0.08	-0.07	-0.10	-0.09	-0.22	-0.18	-0.44	-0.07	-0.22	-0.16	-0.58	-0.38	-0.45	-0.81
	-6.00	-6.09	-5.67	-4.54	-6.54	-4.99	-3.45	-1.81	-2.84	-2.90	-2.79	-2.91	-2.61	-2.52	-1.41	-1.95	-1.28	-3.80	-2.75	-2.65	0.00	-1.28	-0.91	0.00
SELKIRK___I	29.29	24.20	26.39	24.18	25.16	25.40	21.87	16.93	18.92	20.58	21.43	22.04	20.97	20.03	15.69	18.49	18.42	27.49	24.63	23.72	23.27	22.41	18.30	18.69
23801	-0.43	-0.65	-0.46	-0.26	-0.75	-0.34	-0.07	0.18	-0.02	0.03	0.10	0.09	0.12	0.11	0.22	0.19	0.36	0.06	0.22	0.23	0.90	0.54	0.49	0.73
	-40.75	-41.32	-38.49	-30.81	-44.42	-33.87	-23.45	-12.27	-19.30	-19.67	-18.94	-19.77	-17.70	-17.08	-9.56	-13.21	-8.69	-25.81	-18.66	-17.88	0.00	-8.61	-6.10	0.00
SELKIRK___II	29.85	24.81	26.93	24.60	25.81	25.88	22.17	17.06	19.17	20.82	21.66	22.28	21.18	20.24	15.79	18.64	18.49	27.81	24.84	23.91	23.17	22.46	18.32	18.60
23799	-0.38	-0.57	-0.40	-0.22	-0.66	-0.29	-0.05	0.16	-0.01	0.03	0.08	0.08	0.11	0.10	0.20	0.17	0.33	0.05	0.20	0.20	0.79	0.48	0.43	0.64
	-41.27	-41.85	-38.98	-31.20	-44.99	-34.30	-23.74	-12.43	-19.54	-19.92	-19.18	-20.02	-17.92	-17.29	-9.68	-13.37	-8.80	-26.14	-18.90	-18.10	0.00	-8.72	-6.18	0.00
SENECA OSWGO___HYD	-7.39	-12.64	-8.16	-3.64	-14.38	-5.14	0.48	5.42	1.26	2.50	3.92	3.79	4.55	4.21	6.55	6.09	9.87	3.75	7.21	7.03	22.07	13.79	12.01	17.56
24041	0.22	0.35	0.24	0.14	0.40	0.14	0.03	-0.09	0.00	-0.02	-0.06	-0.05	-0.08	-0.07	-0.15	-0.12	-0.23	-0.03	-0.10	-0.08	-0.30	-0.20	-0.21	-0.40
	-3.42	-3.47	-3.23	-2.59	-3.73	-2.84	-1.97	-1.03	-1.62	-1.65	-1.59	-1.66	-1.49	-1.43	-0.80	-1.11	-0.73	-2.17	-1.57	-1.50	0.00	-0.72	-0.51	0.00
SENECA___115KV_TB3	-4.83	-10.07	-5.75	-1.62	-11.73	-3.06	2.07	6.34	2.59	3.87	5.25	5.17	5.80	5.41	7.22	7.01	10.39	5.53	8.47	8.30	22.12	14.41	12.38	17.41
355854	-0.04	0.05	-0.01	0.03	-0.04	-0.13	-0.01	-0.02	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.11	-0.31	-0.05	-0.14	-0.08	-0.25	-0.18	-0.27	-0.55
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
SENECA___ENERGY	-6.03	-11.32	-6.85	-2.56	-12.90	-3.98	1.33	5.94	1.98	3.24	4.65	4.55	5.25	4.87	6.97	6.63	10.28	4.73	8.01	7.79	22.45	14.33	12.40	17.75
23797	0.07	0.14	0.12	0.08	0.23	0.04	0.01	-0.03	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.09	-0.07	-0.14	-0.01	0.00	0.01	0.08	0.02	-0.05	-0.21
	-4.95	-5.01	-4.67	-3.74	-5.39	-4.11	-2.85	-1.49	-2.34	-2.39	-2.30	-2.40	-2.15	-2.07	-1.16	-1.60	-1.05	-3.13	-2.27	-2.17	0.00	-1.05	-0.74	0.00
SHOEMAKER___GT	18.87	13.61	16.60	16.36	13.87	16.82	15.93	13.83	14.03	15.60	16.64	17.05	16.51	15.72	13.33	15.20	16.27	20.96	19.97	19.24	23.50	20.34	16.82	18.71
23640	-0.52	-0.78	-0.50	-0.27	-0.78	-0.34	-0.06	0.19	-0.02	0.04	0.11	0.10	0.15	0.13	0.29	0.24	0.41	0.08	0.29	0.28	1.12	0.65	0.55	0.75
	-30.43	-30.85	-28.74	-23.00	-33.17	-25.29	-17.51	-9.16	-14.41	-14.69	-14.15	-14.76	-13.21	-12.75	-7.14	-9.86	-6.48	-19.27	-13.93	-13.35	0.00	-6.43	-4.56	0.00
SHOEMAKR_138KV_BK 111	18.67	13.41	16.41	16.21	13.65	16.65	15.81	13.77	13.94	15.50	16.55	16.95	16.42	15.64	13.28	15.13	16.23	20.84	19.87	19.15	23.49	20.29	16.77	18.71
55601	-0.52	-0.77	-0.49	-0.27	-0.78	-0.34	-0.06	0.19	-0.02	0.04	0.11	0.10	0.15	0.13	0.29	0.24	0.42	0.08	0.29	0.28	1.12	0.64	0.53	0.74
	-30.23	-30.65	-28.54	-22.85	-32.95	-25.12	-17.39	-9.10	-14.31	-14.59	-14.05	-14.67	-13.13	-12.66	-7.09	-9.80	-6.44	-19.15	-13.84	-13.26	0.00	-6.39	-4.53	0.00
SHOREHAM_IC_1	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.86	17.05	14.21	16.29	17.13	22.95	21.60	20.77	24.47	21.46	17.67	19.26
23715	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.07	0.19	0.15	0.19	0.18	0.45	0.35	0.63	0.14	0.53	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
SHOREHAM_IC_2	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.86	17.05	14.21	16.29	17.13	22.95	21.60	20.77	24.47	21.46	17.67	19.26
23716	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.07	0.19	0.15	0.19	0.18	0.45	0.35	0.63	0.14	0.53	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
SISSONVILLE____	-10.80	-15.85	-11.25	-3.84	-17.52	-5.76	0.50	7.05	-0.06	0.86	2.35	2.14	3.09	2.78	5.70	4.92	9.08	1.56	5.52	5.41	21.66	13.01	11.53	17.78
23735	0.24	0.40	0.29	0.15	0.44	0.24	0.04	-0.10	0.01	-0.01	-0.04	-0.04	-0.06	-0.07	-0.20	-0.18	-0.29	-0.06	-0.23	-0.20	-0.70	-0.25	-0.18	-0.18
	0.00	-0.21	-0.10	-2.39	-0.56	-2.13	-1.98	-2.66	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

SITHE_IND_GS1	-7.76	-12.95	-8.49	-3.94	-14.72	-5.45	0.22	5.22	1.04	2.26	3.67	3.53	4.31	3.97	6.38	5.87	9.66	3.42	6.92	6.75	21.76	13.51	11.79	17.35
24169	0.34	0.53	0.37	0.21	0.59	0.23	0.05	-0.14	0.01	-0.03	-0.08	-0.08	-0.11	-0.10	-0.21	-0.18	-0.33	-0.05	-0.17	-0.15	-0.61	-0.37	-0.36	-0.61
	-2.94	-2.98	-2.78	-2.22	-3.20	-2.44	-1.69	-0.88	-1.39	-1.42	-1.37	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
SITHE_IND_GS2	-7.76	-12.95	-8.49	-3.94	-14.72	-5.45	0.22	5.22	1.04	2.26	3.67	3.53	4.31	3.97	6.38	5.87	9.66	3.42	6.92	6.75	21.76	13.51	11.79	17.35
24170	0.34	0.53	0.37	0.21	0.59	0.23	0.05	-0.14	0.01	-0.03	-0.08	-0.08	-0.11	-0.10	-0.21	-0.18	-0.33	-0.05	-0.17	-0.15	-0.61	-0.37	-0.36	-0.61
	-2.94	-2.98	-2.78	-2.22	-3.20	-2.44	-1.69	-0.88	-1.39	-1.42	-1.37	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
SITHE_IND_GS3	-7.76	-12.95	-8.49	-3.94	-14.72	-5.45	0.22	5.22	1.04	2.26	3.67	3.53	4.31	3.97	6.38	5.87	9.66	3.42	6.92	6.75	21.76	13.51	11.79	17.35
24171	0.34	0.53	0.37	0.21	0.59	0.23	0.05	-0.14	0.01	-0.03	-0.08	-0.08	-0.11	-0.10	-0.21	-0.18	-0.33	-0.05	-0.17	-0.15	-0.61	-0.37	-0.36	-0.61
	-2.94	-2.98	-2.78	-2.22	-3.20	-2.44	-1.69	-0.88	-1.39	-1.42	-1.37	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
SITHE_IND_GS4	-7.76	-12.95	-8.49	-3.94	-14.72	-5.45	0.22	5.22	1.04	2.26	3.67	3.53	4.31	3.97	6.38	5.87	9.66	3.42	6.92	6.75	21.76	13.51	11.79	17.35
24172	0.34	0.53	0.37	0.21	0.59	0.23	0.05	-0.14	0.01	-0.03	-0.08	-0.08	-0.11	-0.10	-0.21	-0.18	-0.33	-0.05	-0.17	-0.15	-0.61	-0.37	-0.36	-0.61
	-2.94	-2.98	-2.78	-2.22	-3.20	-2.44	-1.69	-0.88	-1.39	-1.42	-1.37	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
SITHE___BATAVIA	-6.60	-12.02	-7.45	-2.92	-13.78	-4.48	1.15	5.97	1.87	3.14	4.56	4.44	5.17	4.79	6.93	6.58	10.25	4.58	7.92	7.76	22.74	14.44	12.45	17.83
24024	-0.27	-0.33	-0.26	-0.11	-0.41	-0.27	-0.05	0.07	-0.01	-0.01	-0.02	-0.03	-0.03	-0.03	-0.08	-0.05	-0.13	-0.02	0.02	0.08	0.38	0.18	0.03	-0.13
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
SITHE___INDEPEND	-7.76	-12.95	-8.49	-3.94	-14.72	-5.45	0.22	5.22	1.04	2.26	3.67	3.53	4.31	3.97	6.38	5.87	9.66	3.42	6.92	6.75	21.76	13.51	11.79	17.35
23800	0.35	0.54	0.37	0.21	0.59	0.23	0.05	-0.14	0.01	-0.03	-0.08	-0.08	-0.11	-0.10	-0.21	-0.18	-0.33	-0.05	-0.17	-0.15	-0.61	-0.37	-0.36	-0.61
	-2.94	-2.98	-2.78	-2.22	-3.20	-2.44	-1.69	-0.88	-1.39	-1.42	-1.37	-1.42	-1.27	-1.23	-0.69	-0.95	-0.63	-1.86	-1.34	-1.29	0.00	-0.62	-0.44	0.00
SITHE___MASSENA	-10.90	-16.20	-11.47	-5.73	-18.14	-7.48	-1.02	5.07	-0.28	0.86	2.36	2.15	3.11	2.81	5.81	5.02	9.25	1.59	5.62	5.49	21.90	13.03	11.54	17.77
23902	0.14	0.21	0.14	0.07	0.24	0.14	0.02	-0.05	0.01	-0.01	-0.03	-0.03	-0.04	-0.03	-0.09	-0.08	-0.13	-0.03	-0.12	-0.12	-0.47	-0.23	-0.18	-0.19
	0.00	-0.05	-0.02	-0.58	-0.13	-0.51	-0.48	-0.64	-0.07	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE___OGDNSBRG	-10.96	-16.18	-11.48	-4.66	-18.01	-6.54	-0.11	6.34	-0.15	0.87	2.37	2.16	3.12	2.82	5.81	5.02	9.26	1.59	5.66	5.52	22.08	13.18	11.64	17.93
24021	0.08	0.14	0.09	0.03	0.11	0.09	0.01	-0.02	0.01	0.00	-0.02	-0.02	-0.03	-0.03	-0.09	-0.08	-0.11	-0.02	-0.09	-0.09	-0.28	-0.08	-0.07	-0.03
	0.00	-0.15	-0.07	-1.68	-0.39	-1.50	-1.40	-1.88	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
SITHE___STERLING	-8.79	-14.20	-9.50	-4.64	-16.13	-6.26	-0.18	5.26	0.75	2.02	3.52	3.35	4.20	3.86	6.50	5.91	9.97	3.14	6.93	6.78	22.95	14.10	12.30	18.29
23777	-0.12	-0.14	-0.10	-0.05	-0.20	-0.09	-0.02	0.06	-0.01	0.01	0.03	0.03	0.03	0.02	0.04	0.04	0.10	0.03	0.10	0.14	0.58	0.33	0.23	0.33
	-2.36	-2.40	-2.23	-1.79	-2.58	-1.97	-1.36	-0.71	-1.12	-1.14	-1.10	-1.15	-1.03	-0.99	-0.56	-0.77	-0.50	-1.50	-1.08	-1.04	0.00	-0.50	-0.35	0.00
SLEIGHT__34_KV_TB1	-6.40	-11.77	-7.26	-2.84	-13.45	-4.30	1.17	5.92	1.85	3.13	4.56	4.45	5.17	4.80	6.98	6.61	10.35	4.59	7.97	7.76	22.75	14.46	12.52	17.99
80719	-0.05	-0.06	-0.05	-0.01	-0.04	-0.07	-0.02	0.03	-0.01	0.00	-0.01	0.00	-0.01	-0.01	-0.02	-0.01	-0.02	0.01	0.08	0.09	0.39	0.21	0.11	0.03
	-4.69	-4.75	-4.43	-3.54	-5.11	-3.90	-2.70	-1.41	-2.22	-2.26	-2.18	-2.28	-2.04	-1.96	-1.10	-1.52	-1.00	-2.97	-2.15	-2.06	0.00	-0.99	-0.70	0.00
SOUTH CAIRO___GT	27.26	22.04	24.46	22.72	22.84	23.76	20.82	16.53	18.09	19.75	20.68	21.24	20.25	19.34	15.36	18.00	18.18	26.42	23.97	23.12	24.06	22.51	18.42	19.22
23612	-0.71	-1.05	-0.74	-0.40	-1.16	-0.53	-0.10	0.30	-0.02	0.05	0.15	0.13	0.17	0.15	0.31	0.26	0.50	0.10	0.37	0.40	1.69	1.01	0.86	1.26
	-39.01	-39.55	-36.84	-29.49	-42.52	-32.42	-22.44	-11.74	-18.47	-18.83	-18.13	-18.93	-16.94	-16.35	-9.15	-12.64	-8.31	-24.71	-17.86	-17.11	0.00	-8.24	-5.84	0.00
SOUTH HAMPTN___IC	21.28	15.67	18.79	18.26	15.99	18.77	17.56	15.03	15.44	18.15	18.18	18.61	17.93	17.11	14.33	16.39	17.33	22.98	21.73	20.90	24.99	21.76	17.93	19.62
23720	-1.14	-1.78	-1.17	-0.65	-1.96	-0.91	-0.17	0.47	-0.04	0.10	0.24	0.20	0.25	0.24	0.57	0.46	0.83	0.18	0.67	0.62	2.62	1.43	1.20	1.65
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
SOUTHDOW_115KV_TB1	-4.64	-9.93	-5.58	-1.40	-11.46	-2.84	2.26	6.57	2.76	4.09	5.51	5.44	6.09	5.67	7.52	7.30	10.78	5.83	8.84	8.69	22.93	14.97	12.85	18.06
355954	-0.24	-0.20	-0.21	-0.05	-0.19	-0.22	-0.04	0.09	-0.02	0.01	0.04	0.04	0.06	0.04	0.07	0.05	0.00	0.01	0.06	0.13	0.56	0.28	0.13	0.10
	-6.64	-6.73	-6.27	-5.02	-7.24	-5.52	-3.82	-2.00	-3.14	-3.20	-3.09	-3.22	-2.88	-2.78	-1.56	-2.15	-1.42	-4.20	-3.04	-2.95	0.00	-1.42	-1.01	0.00
SOUTHOLD_69_KV_BK 2	21.12	15.44	18.64	18.18	15.75	18.65	17.54	15.09	15.44	18.16	18.21	18.64	17.97	17.14	14.40	16.46	17.46	23.01	21.82	20.99	25.35	21.97	18.10	19.85
55809	-1.30	-2.02	-1.32	-0.74	-2.20	-1.02	-0.19	0.54	-0.04	0.11	0.27	0.23	0.29	0.28	0.65	0.52	0.96	0.20	0.75	0.71	2.98	1.64	1.37	1.89
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
SOUTHOLD___IC	21.13	15.45	18.64	18.18	15.75	18.65	17.54	15.09	15.44	18.16	18.21	18.64	17.97	17.14	14.40	16.46	17.46	23.01	21.82	20.99	25.35	21.97	18.10	19.85
23719	-1.29	-2.01	-1.32	-0.74	-2.20	-1.02	-0.19	0.54	-0.04	0.11	0.27	0.23	0.29	0.28	0.65	0.52	0.96	0.20	0.75	0.71	2.98	1.64	1.37	1.89
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

SPIERFLS_115KV_TB 1	31.62	26.53	28.64	26.03	27.76	27.41	23.28	17.73	20.09	21.79	22.60	23.27	22.07	21.09	16.30	19.35	19.10	29.09	25.90	24.93	23.78	23.23	18.85	18.94
80737	-0.58	-0.84	-0.56	-0.28	-0.86	-0.40	-0.07	0.23	-0.02	0.05	0.11	0.10	0.15	0.13	0.25	0.24	0.51	0.09	0.36	0.36	1.41	0.83	0.66	0.98
	-43.24	-43.84	-40.83	-32.69	-47.13	-35.94	-24.88	-13.02	-20.47	-20.87	-20.10	-20.98	-18.78	-18.12	-10.15	-14.01	-9.21	-27.39	-19.80	-18.97	0.00	-9.14	-6.47	0.00
ST LAWRENCE____	-10.80	-16.11	-11.39	-6.24	-18.09	-7.92	-1.48	4.38	-0.35	0.85	2.34	2.13	3.08	2.78	5.77	4.98	9.17	1.57	5.58	5.44	21.70	12.90	11.42	17.58
23600	0.24	0.36	0.25	0.13	0.42	0.21	0.04	-0.10	0.01	-0.02	-0.05	-0.05	-0.07	-0.06	-0.13	-0.12	-0.20	-0.04	-0.16	-0.17	-0.66	-0.37	-0.30	-0.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
STATE_CA_115KV_115_LB	30.72	25.65	27.76	25.28	26.71	26.61	22.72	17.40	19.63	21.30	22.13	22.78	21.63	20.68	16.08	19.01	18.80	28.44	25.35	24.41	23.40	22.81	18.59	18.78
55624	-0.49	-0.72	-0.50	-0.28	-0.82	-0.37	-0.07	0.20	-0.02	0.04	0.11	0.10	0.14	0.13	0.26	0.23	0.43	0.07	0.26	0.26	1.03	0.62	0.55	0.82
	-42.25	-42.84	-39.90	-31.94	-46.05	-35.11	-24.31	-12.72	-20.00	-20.39	-19.64	-20.50	-18.34	-17.70	-9.91	-13.69	-9.00	-26.76	-19.35	-18.53	0.00	-8.93	-6.33	0.00
STATE_ST_34_KV_LOAD	-6.24	-11.64	-7.05	-2.66	-13.14	-4.08	1.30	5.98	1.96	3.24	4.67	4.57	5.29	4.90	7.08	6.71	10.46	4.74	8.11	7.87	22.85	14.56	12.64	18.07
55959	-0.10	-0.15	-0.04	0.01	0.03	-0.03	-0.01	0.02	-0.01	0.00	0.00	0.01	0.02	0.00	0.03	0.02	0.04	0.02	0.12	0.11	0.48	0.26	0.19	0.11
	-4.91	-4.98	-4.64	-3.71	-5.35	-4.08	-2.82	-1.48	-2.32	-2.37	-2.28	-2.38	-2.13	-2.06	-1.15	-1.59	-1.05	-3.11	-2.25	-2.15	0.00	-1.04	-0.74	0.00
STATION 5_MISC_HYD	-6.34	-11.63	-7.17	-2.78	-13.33	-4.27	1.18	5.85	1.86	3.12	4.52	4.41	5.12	4.75	6.86	6.52	10.13	4.56	7.81	7.63	22.21	14.14	12.20	17.49
23604	0.00	0.08	0.03	0.04	0.06	-0.04	0.00	-0.04	0.00	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.10	-0.24	-0.03	-0.08	-0.04	-0.16	-0.12	-0.21	-0.47
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
STA_168_34_KV_BK1_2_REV_LBMP_B	-6.33	-11.63	-7.16	-2.78	-13.32	-4.26	1.19	5.88	1.86	3.13	4.54	4.43	5.14	4.77	6.91	6.55	10.22	4.58	7.88	7.69	22.42	14.26	12.32	17.68
345032	0.01	0.07	0.03	0.03	0.06	-0.04	0.00	-0.02	0.00	-0.01	-0.03	-0.03	-0.05	-0.04	-0.10	-0.07	-0.15	-0.01	-0.02	0.01	0.05	0.00	-0.10	-0.28
	-4.71	-4.77	-4.45	-3.56	-5.13	-3.91	-2.71	-1.42	-2.23	-2.27	-2.19	-2.28	-2.04	-1.97	-1.10	-1.53	-1.00	-2.98	-2.16	-2.07	0.00	-1.00	-0.71	0.00
STA_56_34_KV_BUS2_REV_LBMP_B	-6.31	-11.55	-7.13	-2.77	-13.25	-4.24	1.17	5.82	1.85	3.10	4.49	4.39	5.09	4.73	6.83	6.49	10.09	4.53	7.77	7.59	22.10	14.07	12.15	17.41
345033	0.07	0.18	0.10	0.08	0.17	0.01	0.01	-0.07	0.00	-0.02	-0.06	-0.06	-0.08	-0.07	-0.16	-0.12	-0.28	-0.04	-0.11	-0.07	-0.26	-0.18	-0.27	-0.55
	-4.66	-4.73	-4.40	-3.53	-5.08	-3.88	-2.68	-1.41	-2.21	-2.25	-2.17	-2.26	-2.02	-1.95	-1.09	-1.51	-0.99	-2.95	-2.14	-2.05	0.00	-0.99	-0.70	0.00
STA_56___34_KV_BUS2	-6.31	-11.55	-7.13	-2.77	-13.25	-4.24	1.17	5.82	1.85	3.10	4.49	4.39	5.09	4.73	6.83	6.49	10.09	4.53	7.77	7.59	22.10	14.07	12.15	17.41
355983	0.07	0.18	0.10	0.08	0.17	0.01	0.01	-0.07	0.00	-0.02	-0.06	-0.06	-0.08	-0.07	-0.16	-0.12	-0.28	-0.04	-0.11	-0.07	-0.26	-0.18	-0.27	-0.55
	-4.66	-4.73	-4.40	-3.53	-5.08	-3.88	-2.68	-1.41	-2.21	-2.25	-2.17	-2.26	-2.02	-1.95	-1.09	-1.51	-0.99	-2.95	-2.14	-2.05	0.00	-0.99	-0.70	0.00
STA_67___115KV_BK2	-6.33	-11.59	-7.15	-2.77	-13.30	-4.26	1.18	5.85	1.86	3.11	4.52	4.41	5.12	4.75	6.85	6.51	10.11	4.55	7.80	7.62	22.15	14.10	12.18	17.45
355882	0.02	0.12	0.05	0.05	0.09	-0.03	0.00	-0.05	0.00	-0.02	-0.05	-0.05	-0.07	-0.06	-0.15	-0.11	-0.26	-0.03	-0.10	-0.06	-0.21	-0.16	-0.24	-0.51
	-4.70	-4.76	-4.43	-3.55	-5.12	-3.90	-2.70	-1.41	-2.22	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.97	-2.15	-2.06	0.00	-0.99	-0.70	0.00
STA_7____115KV_9TRANS	-6.40	-11.69	-7.22	-2.81	-13.40	-4.30	1.18	5.87	1.86	3.12	4.53	4.42	5.14	4.77	6.89	6.54	10.18	4.57	7.85	7.67	22.34	14.21	12.27	17.57
80674	-0.05	0.01	-0.02	0.02	-0.01	-0.07	-0.01	-0.03	0.00	-0.02	-0.04	-0.04	-0.05	-0.05	-0.11	-0.08	-0.19	-0.02	-0.05	-0.01	-0.03	-0.04	-0.15	-0.39
	-4.70	-4.76	-4.44	-3.55	-5.12	-3.90	-2.70	-1.42	-2.23	-2.27	-2.18	-2.28	-2.04	-1.97	-1.10	-1.52	-1.00	-2.98	-2.15	-2.07	0.00	-1.00	-0.71	0.00
STA_82___115KV_TB1	-6.31	-11.58	-7.14	-2.76	-13.29	-4.25	1.19	5.85	1.87	3.12	4.52	4.42	5.12	4.75	6.86	6.52	10.12	4.56	7.81	7.63	22.17	14.12	12.19	17.46
80780	0.02	0.11	0.05	0.05	0.09	-0.03	0.00	-0.05	0.00	-0.02	-0.05	-0.05	-0.07	-0.06	-0.15	-0.11	-0.26	-0.04	-0.10	-0.05	-0.19	-0.15	-0.23	-0.50
	-4.71	-4.78	-4.45	-3.56	-5.13	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.28	-2.05	-1.97	-1.10	-1.53	-1.00	-2.98	-2.16	-2.07	0.00	-1.00	-0.71	0.00
STEEL___WIND	-4.81	-10.06	-5.73	-1.61	-11.70	-3.05	2.07	6.34	2.59	3.87	5.24	5.16	5.80	5.40	7.21	7.00	10.37	5.53	8.46	8.29	22.09	14.40	12.37	17.39
323596	-0.02	0.07	0.00	0.04	0.00	-0.12	-0.01	-0.03	-0.01	-0.02	-0.05	-0.05	-0.06	-0.06	-0.16	-0.12	-0.34	-0.05	-0.14	-0.08	-0.28	-0.20	-0.29	-0.57
	-6.25	-6.34	-5.91	-4.73	-6.82	-5.20	-3.60	-1.88	-2.96	-3.02	-2.91	-3.03	-2.71	-2.62	-1.47	-2.03	-1.33	-3.96	-2.86	-2.76	0.00	-1.33	-0.95	0.00
STEPHTWN_115KV_BK_2	29.89	24.80	26.97	24.66	25.84	25.91	22.23	17.15	19.22	20.89	21.74	22.37	21.26	20.32	15.86	18.74	18.66	27.90	24.96	24.03	23.46	22.66	18.46	18.75
55603	-0.46	-0.70	-0.47	-0.26	-0.76	-0.36	-0.07	0.21	-0.02	0.04	0.11	0.11	0.14	0.13	0.25	0.23	0.46	0.07	0.27	0.27	1.09	0.65	0.54	0.79
	-41.39	-41.97	-39.09	-31.29	-45.11	-34.40	-23.81	-12.46	-19.60	-19.98	-19.24	-20.08	-17.97	-17.34	-9.71	-13.41	-8.82	-26.22	-18.95	-18.15	0.00	-8.75	-6.20	0.00
STEUBEN_REC_LFGE	-3.29	-8.38	-4.20	-0.47	-9.59	-1.68	2.87	6.72	3.22	4.52	5.91	5.85	6.41	6.01	7.69	7.62	11.10	6.46	9.37	9.10	23.01	15.24	13.05	18.12
323667	0.17	0.40	0.28	0.18	0.65	0.14	0.03	-0.05	-0.02	0.00	0.00	-0.01	-0.02	-0.02	0.01	0.06	0.11	0.04	0.15	0.17	0.65	0.38	0.20	0.16
	-7.58	-7.69	-7.16	-5.73	-8.27	-6.30	-4.36	-2.28	-3.59	-3.66	-3.53	-3.68	-3.29	-3.18	-1.78	-2.46	-1.62	-4.80	-3.47	-3.33	0.00	-1.60	-1.14	0.00
STONY___BROOK	21.47	15.95	18.99	18.38	16.35	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.89	17.07	14.25	16.32	17.18	22.96	21.62	20.81	24.60	21.54	17.76	19.39
24151	-0.94	-1.50	-0.96	-0.54	-1.60	-0.74	-0.14	0.38	-0.03	0.08	0.20	0.17	0.21	0.20	0.49	0.38	0.68	0.15	0.56	0.52	2.23	1.21	1.04	1.43
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00

STURGEON_POOL_HYD	22.09	16.83	19.64	18.81	17.30	19.50	17.82	14.88	15.60	17.20	18.21	18.67	17.97	17.15	14.19	16.35	17.10	23.08	21.57	20.76	23.80	21.18	17.40	18.85
23609	-0.61	-0.91	-0.58	-0.33	-0.97	-0.41	-0.07	0.23	-0.02	0.05	0.13	0.12	0.18	0.17	0.37	0.32	0.54	0.10	0.37	0.35	1.43	0.79	0.63	0.89
	-33.74	-34.21	-31.87	-25.51	-36.78	-28.04	-19.41	-10.16	-15.98	-16.29	-15.68	-16.37	-14.65	-14.14	-7.92	-10.93	-7.19	-21.37	-15.45	-14.80	0.00	-7.13	-5.05	0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G	19.50	14.23	17.19	16.84	14.50	17.34	16.31	14.06	14.35	15.93	16.97	17.39	16.82	16.03	13.53	15.45	16.48	21.40	20.31	19.56	23.60	20.53	16.95	18.79
345026	-0.57	-0.85	-0.55	-0.30	-0.90	-0.39	-0.07	0.21	-0.02	0.04	0.12	0.11	0.16	0.15	0.33	0.28	0.48	0.09	0.33	0.31	1.23	0.70	0.58	0.82
	-31.11	-31.54	-29.38	-23.52	-33.91	-25.86	-17.90	-9.37	-14.73	-15.02	-14.46	-15.09	-13.51	-13.03	-7.30	-10.08	-6.63	-19.70	-14.24	-13.65	0.00	-6.57	-4.66	0.00
SWANROAD_115KV_TB1	-5.16	-10.33	-6.05	-1.90	-12.02	-3.35	1.81	6.09	2.38	3.60	4.94	4.85	5.47	5.10	6.92	6.67	9.92	5.16	8.02	7.85	21.19	13.76	11.83	16.70
355699	0.11	0.28	0.14	0.11	0.19	-0.02	0.01	-0.13	0.00	-0.05	-0.14	-0.13	-0.18	-0.17	-0.34	-0.30	-0.68	-0.11	-0.36	-0.30	-1.18	-0.73	-0.76	-1.26
	-5.77	-5.86	-5.45	-4.37	-6.29	-4.80	-3.32	-1.74	-2.74	-2.79	-2.68	-2.80	-2.51	-2.42	-1.36	-1.87	-1.23	-3.66	-2.64	-2.55	0.00	-1.23	-0.87	0.00
SYNERGY___BIOGAS	-6.60	-12.02	-7.45	-2.92	-13.78	-4.48	1.15	5.97	1.87	3.14	4.56	4.44	5.17	4.79	6.93	6.58	10.25	4.58	7.92	7.76	22.74	14.44	12.45	17.83
323694	-0.27	-0.33	-0.26	-0.11	-0.41	-0.27	-0.05	0.07	-0.01	-0.01	-0.02	-0.03	-0.03	-0.03	-0.08	-0.05	-0.13	-0.02	0.02	0.08	0.38	0.18	0.03	-0.13
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
SYRACUSE___ENERGY_ST1	-6.84	-12.15	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
323597	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
SYRACUSE___ENERGY_ST2	-6.84	-12.15	-7.65	-3.20	-13.85	-4.67	0.85	5.68	1.58	2.84	4.26	4.14	4.89	4.52	6.79	6.37	10.13	4.20	7.61	7.40	22.35	14.10	12.26	17.78
323598	0.10	0.17	0.12	0.08	0.20	0.06	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	-0.01	-0.02	-0.03	-0.07	-0.18
	-4.10	-4.15	-3.87	-3.10	-4.46	-3.40	-2.36	-1.23	-1.94	-1.98	-1.90	-1.99	-1.78	-1.72	-0.96	-1.33	-0.87	-2.59	-1.88	-1.80	0.00	-0.87	-0.61	0.00
SYRACUSE___POWER	-6.74	-12.03	-7.55	-3.12	-13.74	-4.58	0.91	5.72	1.63	2.89	4.32	4.20	4.93	4.58	6.81	6.41	10.16	4.27	7.66	7.45	22.36	14.13	12.27	17.79
24017	0.09	0.16	0.11	0.07	0.18	0.05	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	0.00	-0.01	-0.02	-0.07	-0.17
	-4.21	-4.27	-3.98	-3.18	-4.59	-3.50	-2.42	-1.27	-1.99	-2.03	-1.96	-2.05	-1.83	-1.76	-0.99	-1.37	-0.90	-2.67	-1.93	-1.85	0.00	-0.89	-0.63	0.00
TALLMAN__138KV_BK151	20.31	15.02	17.96	17.48	15.35	18.03	16.82	14.36	14.77	16.36	17.40	17.84	17.23	16.43	13.79	15.79	16.75	21.98	20.78	20.00	23.78	20.82	17.16	18.90
55660	-0.65	-0.96	-0.63	-0.34	-1.02	-0.43	-0.08	0.24	-0.02	0.05	0.14	0.13	0.19	0.17	0.38	0.32	0.56	0.10	0.38	0.36	1.41	0.80	0.65	0.93
	-32.00	-32.45	-30.22	-24.20	-34.88	-26.60	-18.41	-9.63	-15.15	-15.45	-14.88	-15.53	-13.90	-13.41	-7.51	-10.37	-6.82	-20.27	-14.65	-14.04	0.00	-6.76	-4.79	0.00
TEALLAVE_115KV_TB7	-7.28	-12.56	-8.06	-3.54	-14.30	-5.04	0.58	5.52	1.36	2.60	4.03	3.90	4.66	4.31	6.65	6.19	9.99	3.89	7.35	7.17	22.24	13.93	12.12	17.69
355573	0.14	0.24	0.16	0.10	0.26	0.09	0.01	-0.06	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.10	-0.08	-0.15	-0.02	-0.05	-0.03	-0.12	-0.10	-0.13	-0.27
	-3.62	-3.67	-3.42	-2.74	-3.95	-3.01	-2.08	-1.09	-1.71	-1.75	-1.68	-1.76	-1.57	-1.52	-0.85	-1.17	-0.77	-2.29	-1.66	-1.59	0.00	-0.76	-0.54	0.00
TELGRAPH_34_KV_EAST	-5.50	-10.74	-6.37	-2.13	-12.46	-3.60	1.69	6.11	2.28	3.53	4.90	4.81	5.45	5.08	6.97	6.71	10.08	5.09	8.09	7.92	21.79	14.08	12.10	17.14
80808	-0.05	0.06	-0.01	0.02	-0.05	-0.12	-0.01	-0.06	0.00	-0.03	-0.09	-0.09	-0.12	-0.11	-0.24	-0.20	-0.48	-0.06	-0.22	-0.15	-0.57	-0.37	-0.46	-0.82
	-5.59	-5.67	-5.28	-4.23	-6.09	-4.64	-3.22	-1.68	-2.65	-2.70	-2.60	-2.71	-2.43	-2.34	-1.31	-1.81	-1.19	-3.54	-2.56	-2.46	0.00	-1.19	-0.84	0.00
TEMPLE___115KV_TB 2	-7.24	-12.53	-8.02	-3.51	-14.26	-5.00	0.61	5.53	1.38	2.62	4.06	3.92	4.69	4.33	6.66	6.21	10.00	3.92	7.38	7.19	22.25	13.95	12.14	17.70
55572	0.13	0.22	0.16	0.09	0.25	0.08	0.02	-0.05	0.00	-0.02	-0.04	-0.03	-0.05	-0.05	-0.10	-0.07	-0.15	-0.02	-0.04	-0.03	-0.12	-0.09	-0.12	-0.26
	-3.67	-3.72	-3.46	-2.77	-4.00	-3.05	-2.11	-1.11	-1.74	-1.77	-1.70	-1.78	-1.59	-1.54	-0.86	-1.19	-0.78	-2.32	-1.68	-1.61	0.00	-0.78	-0.55	0.00
TIANA____69_KV_BK 1	21.34	15.75	18.84	18.30	16.09	18.81	17.57	15.01	15.44	18.14	18.16	18.60	17.91	17.09	14.29	16.37	17.28	22.98	21.70	20.87	24.87	21.69	17.87	19.53
55817	-1.08	-1.71	-1.12	-0.62	-1.87	-0.87	-0.16	0.45	-0.04	0.09	0.22	0.19	0.24	0.23	0.54	0.43	0.78	0.17	0.63	0.59	2.50	1.36	1.14	1.57
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
TILDEN___115KV_TB1	-6.74	-12.03	-7.55	-3.12	-13.74	-4.58	0.91	5.72	1.63	2.89	4.32	4.20	4.93	4.58	6.81	6.41	10.16	4.27	7.66	7.45	22.36	14.13	12.27	17.79
80814	0.09	0.16	0.11	0.07	0.18	0.05	0.01	-0.04	0.00	-0.01	-0.03	-0.03	-0.04	-0.04	-0.08	-0.06	-0.11	-0.01	-0.01	0.00	-0.01	-0.02	-0.07	-0.17
	-4.21	-4.27	-3.98	-3.18	-4.59	-3.50	-2.42	-1.27	-1.99	-2.03	-1.96	-2.05	-1.83	-1.76	-0.99	-1.37	-0.90	-2.67	-1.93	-1.85	0.00	-0.89	-0.63	0.00
TRIGEN___CC	21.62	16.21	19.17	18.48	16.63	19.08	17.62	14.87	15.46	18.12	18.11	18.56	17.87	17.06	14.20	16.29	17.12	22.93	21.53	20.72	24.19	21.33	17.58	19.21
323695	-0.80	-1.25	-0.79	-0.44	-1.32	-0.60	-0.11	0.31	-0.03	0.06	0.17	0.15	0.20	0.20	0.45	0.35	0.62	0.12	0.46	0.43	1.82	1.00	0.86	1.25
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
TRINITY__115KV__ 4 BK	29.99	24.94	27.07	24.71	25.96	26.00	22.27	17.13	19.25	20.91	21.75	22.37	21.26	20.32	15.85	18.72	18.56	27.92	24.94	24.00	23.21	22.53	18.38	18.66
55933	-0.41	-0.62	-0.43	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.09	0.12	0.11	0.22	0.19	0.36	0.06	0.21	0.21	0.84	0.51	0.46	0.70
	-41.44	-42.02	-39.14	-31.33	-45.17	-34.44	-23.85	-12.48	-19.62	-20.01	-19.27	-20.11	-18.00	-17.37	-9.73	-13.43	-8.83	-26.25	-18.98	-18.18	0.00	-8.76	-6.21	0.00

UNION___PROCESSING_DRP	-6.31	-11.58	-7.14	-2.76	-13.29	-4.25	1.19	5.86	1.87	3.12	4.53	4.42	5.13	4.76	6.86	6.52	10.12	4.56	7.81	7.63	22.18	14.12	12.19	17.47
323587	0.01	0.10	0.04	0.05	0.08	-0.03	0.00	-0.05	0.00	-0.02	-0.05	-0.05	-0.06	-0.06	-0.14	-0.11	-0.25	-0.03	-0.09	-0.05	-0.19	-0.14	-0.23	-0.49
	-4.71	-4.78	-4.45	-3.56	-5.14	-3.92	-2.71	-1.42	-2.23	-2.28	-2.19	-2.29	-2.05	-1.98	-1.11	-1.53	-1.01	-2.99	-2.16	-2.07	0.00	-1.00	-0.71	0.00
UPPER HUDSON___HYD	31.62	26.54	28.64	26.03	27.76	27.41	23.28	17.73	20.09	21.79	22.60	23.27	22.07	21.09	16.30	19.35	19.10	29.09	25.90	24.93	23.78	23.23	18.85	18.95
24058	-0.57	-0.84	-0.55	-0.28	-0.86	-0.40	-0.07	0.23	-0.02	0.05	0.12	0.10	0.15	0.13	0.25	0.24	0.51	0.09	0.36	0.36	1.41	0.83	0.66	0.98
	-43.24	-43.84	-40.83	-32.69	-47.13	-35.94	-24.88	-13.02	-20.47	-20.87	-20.10	-20.98	-18.78	-18.12	-10.15	-14.01	-9.21	-27.39	-19.80	-18.97	0.00	-9.14	-6.47	0.00
UPPER RAQUET___HYD	-10.80	-15.85	-11.25	-3.84	-17.52	-5.76	0.50	7.05	-0.06	0.86	2.34	2.14	3.09	2.78	5.70	4.92	9.08	1.56	5.52	5.41	21.66	13.01	11.53	17.77
24056	0.24	0.40	0.29	0.15	0.44	0.24	0.04	-0.10	0.01	-0.01	-0.05	-0.04	-0.06	-0.07	-0.20	-0.18	-0.29	-0.06	-0.23	-0.20	-0.70	-0.25	-0.18	-0.18
	0.00	-0.21	-0.10	-2.39	-0.56	-2.13	-1.98	-2.66	-0.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VALLEY44_115KV_TB2	-4.43	-9.77	-5.39	-1.28	-11.40	-2.68	2.39	6.65	2.87	4.19	5.61	5.54	6.17	5.75	7.56	7.38	10.87	5.97	8.93	8.68	22.71	14.86	12.80	18.00
355964	-0.25	-0.26	-0.23	-0.10	-0.37	-0.26	-0.04	0.10	-0.02	0.01	0.03	0.03	0.05	0.03	0.04	0.06	0.04	0.00	0.04	0.05	0.35	0.14	0.05	0.05
	-6.87	-6.96	-6.49	-5.19	-7.48	-5.71	-3.95	-2.07	-3.25	-3.31	-3.19	-3.33	-2.98	-2.88	-1.61	-2.22	-1.46	-4.35	-3.15	-3.02	0.00	-1.45	-1.03	0.00
VALLEY___115KV_TB 1-4	-10.99	-16.32	-11.59	-6.34	-18.44	-8.11	-1.51	4.45	-0.36	0.87	2.39	2.18	3.12	2.82	5.85	5.06	9.36	1.62	5.77	5.64	22.46	13.34	11.77	18.01
80826	0.05	0.14	0.05	0.04	0.07	0.02	0.01	-0.03	0.00	0.00	0.00	0.00	-0.02	-0.02	-0.05	-0.03	-0.01	0.01	0.03	0.03	0.09	0.07	0.06	0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E	2.57	-2.83	1.21	4.01	-3.82	3.24	6.48	8.82	6.25	7.65	8.97	9.04	9.32	8.80	9.39	9.81	12.67	10.53	12.38	11.97	23.30	16.74	14.23	18.50
345011	-0.37	-0.54	-0.36	-0.18	-0.54	-0.25	-0.05	0.13	-0.01	0.03	0.08	0.07	0.11	0.09	0.20	0.18	0.32	0.06	0.24	0.23	0.94	0.53	0.42	0.54
	-13.98	-14.17	-13.20	-10.57	-15.24	-11.62	-8.04	-4.21	-6.62	-6.75	-6.50	-6.79	-6.07	-5.86	-3.28	-4.53	-2.98	-8.86	-6.40	-6.13	0.00	-2.95	-2.09	0.00
VISCHER___FERRY HYD	30.65	25.61	27.69	25.23	26.68	26.55	22.65	17.33	19.57	21.23	22.05	22.70	21.55	20.60	15.99	18.92	18.70	28.34	25.24	24.30	23.21	22.68	18.49	18.68
24020	-0.42	-0.62	-0.44	-0.24	-0.70	-0.32	-0.06	0.17	-0.01	0.03	0.09	0.08	0.12	0.10	0.20	0.18	0.35	0.06	0.21	0.22	0.84	0.52	0.47	0.72
	-42.11	-42.70	-39.77	-31.84	-45.90	-35.00	-24.23	-12.68	-19.94	-20.33	-19.58	-20.43	-18.29	-17.65	-9.88	-13.64	-8.98	-26.67	-19.28	-18.47	0.00	-8.90	-6.31	0.00
V_A_10_SYNC_DSASP	-5.72	-10.93	-6.58	-2.32	-12.64	-3.79	1.51	5.98	2.12	3.37	4.75	4.66	5.32	4.95	6.91	6.62	10.06	4.87	7.93	7.75	21.71	13.95	12.03	17.12
323832	0.08	0.21	0.10	0.08	0.15	-0.02	0.01	-0.08	0.00	-0.03	-0.08	-0.08	-0.10	-0.10	-0.22	-0.18	-0.43	-0.07	-0.22	-0.17	-0.66	-0.42	-0.48	-0.84
	-5.25	-5.33	-4.96	-3.97	-5.72	-4.37	-3.02	-1.58	-2.49	-2.53	-2.44	-2.55	-2.28	-2.20	-1.23	-1.70	-1.12	-3.33	-2.41	-2.31	0.00	-1.12	-0.79	0.00
V_CMM_10_SYNC_DSASP	-10.84	-16.18	-11.44	-6.27	-18.18	-7.95	-1.49	4.40	-0.35	0.86	2.35	2.14	3.09	2.80	5.79	5.00	9.22	1.58	5.60	5.47	21.79	12.95	11.46	17.65
323787	0.20	0.29	0.20	0.11	0.33	0.18	0.03	-0.08	0.01	-0.01	-0.04	-0.04	-0.05	-0.05	-0.11	-0.10	-0.16	-0.03	-0.14	-0.14	-0.57	-0.31	-0.25	-0.31
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V_CMP_10_SYNC_DSASP	-11.00	-17.31	-11.79	-21.19	-21.38	-21.19	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.48	1.64	5.75	5.65	22.58	13.46	11.86	18.25
323788	0.04	0.52	0.48	0.30	0.67	0.42	0.07	-0.19	0.02	0.00	-0.03	-0.02	0.02	0.00	-0.03	-0.02	0.11	0.02	0.01	0.04	0.21	0.20	0.15	0.29
	0.00	1.36	0.63	15.11	3.54	13.48	12.53	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
V_E_10_SYNC_DSASP	-1.01	-6.64	-2.27	1.25	-8.07	0.16	4.47	7.93	4.61	6.00	7.40	7.39	7.84	7.35	8.55	8.70	12.00	8.40	10.99	10.66	24.18	16.52	14.07	19.07
323830	-0.52	-0.88	-0.59	-0.36	-1.06	-0.48	-0.09	0.27	-0.03	0.04	0.11	0.09	0.11	0.08	0.18	0.18	0.38	0.10	0.42	0.43	1.81	1.03	0.78	1.11
	-10.55	-10.70	-9.97	-7.98	-11.50	-8.77	-6.07	-3.18	-5.00	-5.09	-4.91	-5.12	-4.58	-4.42	-2.47	-3.42	-2.25	-6.68	-4.83	-4.63	0.00	-2.23	-1.58	0.00
V_F_30_NSYNC___DSASP	31.47	26.38	28.48	25.89	27.55	27.26	23.19	17.68	20.02	21.71	22.53	23.19	22.01	21.03	16.28	19.30	19.04	28.98	25.80	24.83	23.66	23.13	18.80	18.91
323816	-0.57	-0.83	-0.57	-0.30	-0.90	-0.41	-0.07	0.23	-0.02	0.05	0.12	0.11	0.16	0.14	0.27	0.24	0.49	0.08	0.32	0.33	1.29	0.76	0.64	0.94
	-43.08	-43.68	-40.68	-32.57	-46.96	-35.80	-24.79	-12.97	-20.40	-20.79	-20.03	-20.90	-18.71	-18.05	-10.11	-13.96	-9.18	-27.29	-19.73	-18.89	0.00	-9.10	-6.45	0.00
V_F_30_SYNC_DSASP	30.68	25.60	27.71	25.25	26.67	26.58	22.69	17.39	19.61	21.28	22.12	22.76	21.62	20.66	16.06	19.00	18.79	28.42	25.33	24.39	23.40	22.80	18.58	18.78
323786	-0.48	-0.72	-0.50	-0.28	-0.82	-0.37	-0.07	0.20	-0.02	0.04	0.11	0.10	0.14	0.13	0.26	0.23	0.43	0.07	0.26	0.26	1.03	0.62	0.55	0.82
	-42.20	-42.79	-39.86	-31.91	-46.00	-35.07	-24.28	-12.70	-19.98	-20.37	-19.62	-20.48	-18.32	-17.68	-9.90	-13.68	-9.00	-26.73	-19.33	-18.51	0.00	-8.92	-6.32	0.00
V_XM_10_SYNC_DSASP	-11.00	-17.31	-11.79	-21.19	-21.38	-21.19	-13.98	-12.56	-2.13	0.87	2.36	2.16	3.16	2.84	5.88	5.08	9.48	1.64	5.75	5.65	22.58	13.46	11.86	18.25
323789	0.04	0.52	0.48	0.30	0.67	0.42	0.07	-0.19	0.02	0.00	-0.03	-0.02	0.02	0.00	-0.03	-0.02	0.11	0.02	0.01	0.04	0.21	0.20	0.15	0.29
	0.00	1.36	0.63	15.11	3.54	13.48	12.53	16.85	1.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G	20.48	15.17	18.11	17.61	15.52	18.17	16.93	14.44	14.87	16.46	17.51	17.94	17.33	16.52	13.86	15.87	16.82	22.12	20.89	20.11	23.86	20.91	17.23	18.95
345027	-0.68	-1.01	-0.66	-0.36	-1.07	-0.46	-0.08	0.25	-0.02	0.05	0.14	0.13	0.20	0.19	0.40	0.34	0.59	0.10	0.39	0.38	1.49	0.84	0.69	0.99
	-32.20	-32.65	-30.42	-24.35	-35.10	-26.76	-18.53	-9.69	-15.25	-15.55	-14.97	-15.63	-13.98	-13.49	-7.56	-10.43	-6.86	-20.40	-14.75	-14.12	0.00	-6.80	-4.82	0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J	21.67	16.35	19.24	18.53	16.81	19.18	17.64	14.83	15.45	17.07	18.10	18.56	17.89	17.06	14.19	16.31	17.15	22.91	21.49	20.69	23.98	21.24	17.49	19.06
345008	-0.73	-1.10	-0.70	-0.39	-1.14	-0.49	-0.08	0.28	-0.02	0.06	0.16	0.15	0.22	0.21	0.44	0.37	0.65	0.11	0.43	0.40	1.60	0.91	0.77	1.10
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
W50THST__13_KV_LOAD	21.61	16.26	19.18	18.50	16.71	19.14	17.63	14.85	15.45	17.07	18.11	18.57	17.91	17.08	14.23	16.34	17.20	22.92	21.52	20.72	24.11	21.31	17.56	19.16
356117	-0.79	-1.19	-0.76	-0.42	-1.23	-0.53	-0.09	0.30	-0.03	0.06	0.18	0.16	0.24	0.22	0.48	0.40	0.70	0.12	0.46	0.44	1.74	0.98	0.84	1.20
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.18	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WADING RIVER_IC_1	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.87	17.05	14.21	16.29	17.14	22.95	21.60	20.77	24.47	21.47	17.66	19.26
23522	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.08	0.19	0.15	0.19	0.19	0.46	0.35	0.64	0.15	0.54	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WADING RIVER_IC_2	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.87	17.05	14.21	16.29	17.14	22.95	21.60	20.77	24.47	21.47	17.66	19.26
23547	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.08	0.19	0.15	0.19	0.19	0.46	0.35	0.64	0.15	0.54	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WADING RIVER_IC_3	21.50	15.98	19.01	18.38	16.33	18.92	17.59	14.94	15.45	18.13	18.13	18.57	17.87	17.05	14.21	16.29	17.14	22.95	21.60	20.77	24.47	21.47	17.66	19.26
23601	-0.92	-1.47	-0.95	-0.54	-1.63	-0.76	-0.14	0.39	-0.03	0.08	0.19	0.15	0.19	0.19	0.46	0.35	0.64	0.15	0.54	0.49	2.10	1.13	0.94	1.30
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WALDENNY_12_KV_BK2	-4.88	-10.12	-5.80	-1.66	-11.79	-3.10	2.04	6.32	2.57	3.84	5.21	5.14	5.77	5.38	7.20	6.98	10.35	5.49	8.43	8.25	22.04	14.35	12.33	17.35
80841	-0.04	0.06	-0.01	0.03	-0.04	-0.13	-0.01	-0.03	-0.01	-0.02	-0.06	-0.05	-0.07	-0.07	-0.16	-0.13	-0.34	-0.05	-0.15	-0.09	-0.32	-0.23	-0.32	-0.61
	-6.20	-6.29	-5.86	-4.69	-6.76	-5.15	-3.57	-1.87	-2.94	-2.99	-2.88	-3.01	-2.69	-2.60	-1.46	-2.01	-1.32	-3.93	-2.84	-2.74	0.00	-1.32	-0.94	0.00
WALDEN___HYDRO	20.59	15.30	18.22	17.69	15.66	18.26	16.98	14.44	14.90	16.50	17.53	17.96	17.34	16.54	13.83	15.86	16.79	22.15	20.90	20.14	23.88	20.94	17.25	18.93
24148	-0.66	-0.97	-0.63	-0.35	-1.02	-0.44	-0.08	0.24	-0.02	0.05	0.13	0.12	0.17	0.16	0.36	0.30	0.53	0.09	0.38	0.37	1.50	0.86	0.70	0.97
	-32.28	-32.73	-30.49	-24.41	-35.19	-26.83	-18.58	-9.72	-15.29	-15.58	-15.01	-15.66	-14.02	-13.53	-7.58	-10.46	-6.88	-20.45	-14.78	-14.16	0.00	-6.82	-4.83	0.00
WARRENSBURG____	31.62	26.54	28.64	26.03	27.76	27.41	23.28	17.73	20.09	21.79	22.60	23.27	22.07	21.09	16.30	19.35	19.10	29.09	25.90	24.93	23.78	23.23	18.85	18.95
23737	-0.57	-0.84	-0.55	-0.28	-0.86	-0.40	-0.07	0.23	-0.02	0.05	0.12	0.10	0.15	0.13	0.25	0.24	0.51	0.09	0.36	0.36	1.41	0.83	0.66	0.98
	-43.24	-43.84	-40.83	-32.69	-47.13	-35.94	-24.88	-13.02	-20.47	-20.87	-20.10	-20.98	-18.78	-18.12	-10.15	-14.01	-9.21	-27.39	-19.80	-18.97	0.00	-9.14	-6.47	0.00
WATERSIDE___6 8 9	21.66	16.33	19.23	18.52	16.79	19.18	17.64	14.84	15.45	17.07	18.11	18.56	17.89	17.06	14.19	16.31	17.14	22.91	21.48	20.68	23.96	21.23	17.49	19.06
23538	-0.75	-1.12	-0.72	-0.40	-1.16	-0.49	-0.09	0.28	-0.03	0.06	0.17	0.15	0.22	0.20	0.44	0.37	0.64	0.11	0.42	0.40	1.59	0.90	0.77	1.09
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WATKINRD_115KV_LN8_ILLION	-11.05	-16.44	-11.64	-6.37	-18.52	-8.14	-1.52	4.48	-0.36	0.87	2.40	2.18	3.14	2.84	5.88	5.09	9.37	1.62	5.78	5.65	22.51	13.36	11.77	18.02
55919	0.00	0.03	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	-0.02	-0.01	0.00	0.01	0.03	0.04	0.14	0.09	0.06	0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WATSON___69_KV_BK 1	21.41	15.88	18.94	18.35	16.26	18.89	17.59	14.96	15.45	18.13	18.15	18.59	17.90	17.08	14.27	16.34	17.23	22.96	21.65	20.83	24.73	21.62	17.82	19.51
55734	-1.00	-1.58	-1.02	-0.57	-1.70	-0.78	-0.14	0.40	-0.03	0.08	0.21	0.17	0.23	0.22	0.52	0.40	0.72	0.16	0.58	0.55	2.36	1.29	1.10	1.55
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WDELAWARE___HYD	18.16	12.86	15.92	15.83	12.97	16.21	15.56	13.71	13.74	15.30	16.38	16.77	16.26	15.49	13.23	15.04	16.20	20.59	19.73	19.03	23.75	20.33	16.79	18.84
323627	-0.62	-0.91	-0.60	-0.34	-1.02	-0.44	-0.08	0.24	-0.02	0.04	0.13	0.12	0.17	0.15	0.33	0.28	0.48	0.08	0.33	0.34	1.38	0.77	0.62	0.88
	-29.82	-30.24	-28.16	-22.54	-32.50	-24.78	-17.16	-8.98	-14.12	-14.40	-13.86	-14.47	-12.95	-12.49	-7.00	-9.66	-6.36	-18.89	-13.66	-13.08	0.00	-6.30	-4.47	0.00
WEST BABYLON___IC	21.45	15.95	18.99	18.38	16.33	18.93	17.59	14.94	15.45	18.13	18.14	18.58	17.89	17.08	14.25	16.33	17.21	22.95	21.62	20.81	24.61	21.56	17.77	19.46
23714	-0.97	-1.51	-0.97	-0.54	-1.62	-0.74	-0.14	0.38	-0.03	0.08	0.20	0.17	0.22	0.21	0.50	0.39	0.71	0.15	0.55	0.52	2.24	1.23	1.05	1.50
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WEST CANADA___HYD	-11.04	-16.45	-11.64	-6.37	-18.52	-8.14	-1.52	4.49	-0.36	0.87	2.39	2.18	3.15	2.85	5.91	5.10	9.38	1.62	5.76	5.63	22.44	13.30	11.74	17.97
24049	0.00	0.01	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.01	0.00	0.01	0.02	0.07	0.04	0.02	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
WESTERN_NY_WIND	-5.49	-10.75	-6.36	-2.09	-12.47	-3.57	1.73	6.16	2.33	3.58	4.94	4.85	5.50	5.12	7.00	6.75	10.12	5.17	8.18	8.02	22.02	14.25	12.22	17.29
24143	-0.13	-0.05	-0.09	-0.01	-0.16	-0.16	-0.02	-0.04	0.00	-0.03	-0.09	-0.09	-0.12	-0.11	-0.24	-0.19	-0.46	-0.05	-0.17	-0.10	-0.35	-0.23	-0.35	-0.67
	-5.69	-5.77	-5.37	-4.30	-6.20	-4.73	-3.27	-1.71	-2.69	-2.74	-2.64	-2.76	-2.47	-2.38	-1.34	-1.84	-1.21	-3.60	-2.60	-2.51	0.00	-1.21	-0.86	0.00

WESTOVER___LESR	-0.06	-5.38	-1.26	1.97	-6.59	0.98	4.86	7.90	4.90	6.25	7.59	7.60	8.01	7.54	8.58	8.77	11.84	8.69	10.96	10.60	22.84	15.86	13.55	18.15
323668	-0.14	-0.19	-0.12	-0.06	-0.20	-0.13	-0.02	0.06	-0.01	0.01	0.03	0.03	0.04	0.03	0.07	0.07	0.10	0.03	0.12	0.11	0.47	0.25	0.17	0.19
	-11.12	-11.27	-10.50	-8.41	-12.12	-9.24	-6.40	-3.35	-5.27	-5.37	-5.17	-5.40	-4.83	-4.66	-2.61	-3.60	-2.37	-7.04	-5.09	-4.87	0.00	-2.35	-1.66	0.00
WETHRSFD_WT_PWR	-3.79	-8.93	-4.72	-0.88	-10.49	-2.25	2.53	6.50	2.95	4.23	5.59	5.53	6.13	5.72	7.39	7.25	10.54	6.01	8.81	8.59	21.97	14.47	12.45	17.36
323626	0.24	0.43	0.30	0.19	0.38	0.05	0.02	-0.09	-0.01	-0.03	-0.06	-0.05	-0.07	-0.06	-0.15	-0.12	-0.33	-0.05	-0.14	-0.11	-0.40	-0.29	-0.32	-0.60
	-7.01	-7.11	-6.62	-5.31	-7.65	-5.83	-4.04	-2.11	-3.32	-3.39	-3.26	-3.40	-3.05	-2.94	-1.65	-2.27	-1.50	-4.44	-3.21	-3.09	0.00	-1.49	-1.06	0.00
WHAVSTOR_138KV_BK127	20.57	15.28	18.20	17.67	15.64	18.24	16.96	14.43	14.89	16.48	17.51	17.95	17.33	16.53	13.84	15.86	16.79	22.13	20.88	20.10	23.75	20.85	17.18	18.88
55557	-0.64	-0.94	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.04	0.14	0.12	0.18	0.17	0.37	0.31	0.55	0.09	0.36	0.34	1.38	0.78	0.64	0.92
	-32.25	-32.69	-30.45	-24.38	-35.15	-26.80	-18.55	-9.71	-15.27	-15.56	-14.99	-15.64	-14.00	-13.51	-7.57	-10.45	-6.87	-20.42	-14.77	-14.14	0.00	-6.81	-4.83	0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G	20.57	15.28	18.20	17.67	15.64	18.24	16.96	14.43	14.89	16.48	17.51	17.95	17.33	16.53	13.84	15.86	16.79	22.13	20.88	20.10	23.75	20.85	17.18	18.88
345015	-0.64	-0.94	-0.61	-0.34	-1.00	-0.43	-0.08	0.24	-0.02	0.04	0.14	0.12	0.18	0.17	0.37	0.31	0.55	0.09	0.36	0.34	1.38	0.78	0.64	0.92
	-32.25	-32.69	-30.45	-24.38	-35.15	-26.80	-18.55	-9.71	-15.27	-15.56	-14.99	-15.64	-14.00	-13.51	-7.57	-10.45	-6.87	-20.42	-14.77	-14.14	0.00	-6.81	-4.83	0.00
WHITEHAL_115KV_TB1	31.19	25.95	28.24	25.82	27.11	27.08	23.19	17.87	20.05	21.77	22.61	23.27	22.09	21.09	16.37	19.45	19.38	29.10	26.07	25.11	24.57	23.72	19.20	19.57
80871	-0.95	-1.36	-0.90	-0.45	-1.43	-0.67	-0.13	0.39	-0.03	0.06	0.15	0.14	0.19	0.16	0.34	0.36	0.81	0.14	0.56	0.56	2.20	1.34	1.02	1.61
	-43.17	-43.77	-40.77	-32.64	-47.06	-35.88	-24.84	-13.00	-20.44	-20.84	-20.07	-20.95	-18.75	-18.09	-10.13	-13.99	-9.20	-27.35	-19.77	-18.94	0.00	-9.12	-6.47	0.00
WHITEPLN_13_KV_LOAD	21.62	16.30	19.17	18.47	16.69	19.11	17.60	14.82	15.42	17.04	18.07	18.52	17.85	17.03	14.15	16.27	17.11	22.86	21.44	20.65	23.95	21.21	17.46	19.07
356215	-0.72	-1.08	-0.71	-0.40	-1.18	-0.51	-0.09	0.28	-0.03	0.05	0.16	0.14	0.21	0.20	0.42	0.36	0.63	0.11	0.42	0.40	1.58	0.90	0.75	1.11
	-33.38	-33.85	-31.53	-25.24	-36.38	-27.74	-19.21	-10.05	-15.81	-16.11	-15.52	-16.20	-14.49	-13.99	-7.83	-10.82	-7.12	-21.14	-15.29	-14.64	0.00	-7.05	-5.00	0.00
WM_FLOYD_69_KV_BK2	21.48	15.96	18.99	18.38	16.32	18.91	17.59	14.94	15.45	18.13	18.13	18.57	17.87	17.05	14.21	16.29	17.14	22.95	21.60	20.79	24.52	21.50	17.72	19.33
356380	-0.93	-1.50	-0.97	-0.54	-1.64	-0.76	-0.14	0.39	-0.03	0.08	0.19	0.15	0.19	0.19	0.46	0.35	0.63	0.15	0.54	0.50	2.15	1.17	0.99	1.37
	-33.46	-33.92	-31.60	-25.30	-36.47	-27.81	-19.25	-10.07	-15.84	-17.18	-15.55	-16.23	-14.53	-14.02	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00
WOODARD__115KV_TB2	-7.20	-12.47	-7.98	-3.49	-14.20	-4.97	0.61	5.52	1.38	2.62	4.05	3.92	4.68	4.33	6.65	6.20	9.98	3.92	7.36	7.17	22.18	13.91	12.10	17.65
355635	0.17	0.27	0.19	0.11	0.31	0.10	0.02	-0.07	0.00	-0.02	-0.04	-0.04	-0.06	-0.06	-0.11	-0.09	-0.17	-0.02	-0.06	-0.05	-0.19	-0.13	-0.16	-0.31
	-3.67	-3.72	-3.47	-2.77	-4.00	-3.05	-2.11	-1.11	-1.74	-1.77	-1.71	-1.78	-1.59	-1.54	-0.86	-1.19	-0.78	-2.32	-1.68	-1.61	0.00	-0.78	-0.55	0.00
YORK___WARBASSE	21.64	16.30	19.21	18.51	16.76	19.17	17.64	14.84	15.45	17.07	18.11	18.57	17.90	17.07	14.20	16.31	17.15	22.91	21.49	20.69	24.00	21.24	17.51	19.08
23770	-0.77	-1.15	-0.74	-0.40	-1.18	-0.50	-0.09	0.29	-0.03	0.06	0.17	0.16	0.23	0.21	0.45	0.37	0.65	0.11	0.43	0.41	1.62	0.91	0.79	1.12
	-33.45	-33.91	-31.59	-25.29	-36.46	-27.80	-19.24	-10.07	-15.84	-16.15	-15.55	-16.23	-14.52	-14.01	-7.85	-10.84	-7.13	-21.19	-15.32	-14.67	0.00	-7.07	-5.01	0.00