

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/30/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	19.96	17.47	19.04	19.56	17.86	20.36	22.27	24.93	21.42	24.67	22.03	22.31	23.25	23.32	23.90	23.31	28.45	32.39	45.20	30.24	36.92	33.28	25.36	22.35
24138	-0.34	0.11	-0.04	-0.10	-0.16	0.19	0.70	0.64	1.18	1.40	1.31	1.36	1.44	1.42	1.47	1.42	1.63	1.95	2.35	1.51	1.81	1.56	1.32	1.07
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.32	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.95	17.47	19.04	19.55	17.86	20.36	22.28	24.94	21.43	24.68	22.04	22.33	23.27	23.34	23.93	23.34	28.48	32.42	45.27	30.27	36.96	33.34	25.40	22.38
24260	-0.35	0.11	-0.04	-0.11	-0.17	0.19	0.71	0.65	1.19	1.41	1.32	1.38	1.46	1.44	1.50	1.45	1.66	1.97	2.42	1.54	1.86	1.62	1.36	1.10
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.95	17.47	19.04	19.55	17.86	20.36	22.28	24.94	21.43	24.68	22.04	22.33	23.27	23.34	23.93	23.34	28.48	32.42	45.27	30.27	36.96	33.34	25.40	22.38
24261	-0.35	0.11	-0.04	-0.11	-0.17	0.19	0.71	0.65	1.19	1.41	1.32	1.38	1.46	1.44	1.50	1.45	1.66	1.97	2.42	1.54	1.86	1.62	1.36	1.10
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	28.33	22.32	25.37	26.50	24.57	25.59	24.99	29.27	21.75	25.00	22.19	22.42	23.29	23.39	24.07	23.61	28.93	33.04	46.83	31.23	38.19	34.38	26.01	22.94
24011	-0.46	0.14	-0.07	-0.17	-0.27	0.27	1.03	0.82	1.35	1.73	1.48	1.47	1.48	1.49	1.67	1.72	2.11	2.59	3.98	2.50	3.09	2.66	1.97	1.65
	-35.23	-19.98	-26.50	-29.20	-28.40	-21.48	-9.93	-17.03	-0.66	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	28.29	22.35	25.38	26.50	24.56	25.65	25.11	29.36	21.90	25.27	22.43	22.62	23.47	23.58	24.31	23.90	29.28	33.39	47.49	31.54	38.56	34.73	26.28	23.18
23798	-0.52	0.16	-0.08	-0.19	-0.30	0.31	1.15	0.90	1.50	2.01	1.71	1.67	1.66	1.68	1.91	2.00	2.47	2.95	4.63	2.81	3.45	3.01	2.23	1.90
	-35.26	-19.99	-26.52	-29.22	-28.42	-21.49	-9.94	-17.04	-0.66	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	28.33	22.32	25.37	26.50	24.57	25.59	24.99	29.27	21.75	25.00	22.19	22.42	23.29	23.39	24.07	23.61	28.93	33.04	46.83	31.23	38.19	34.38	26.01	22.94
24028	-0.46	0.14	-0.07	-0.17	-0.27	0.27	1.03	0.82	1.35	1.73	1.48	1.47	1.48	1.49	1.67	1.72	2.11	2.59	3.98	2.50	3.09	2.66	1.97	1.65
	-35.23	-19.98	-26.50	-29.20	-28.40	-21.48	-9.93	-17.03	-0.66	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	27.21	21.49	24.32	25.36	23.51	24.61	24.17	28.24	21.10	23.96	21.33	21.70	22.66	22.76	23.31	22.45	27.33	31.35	44.33	29.81	36.55	32.91	24.99	22.13
23527	-0.22	0.08	-0.05	-0.13	-0.19	0.15	0.61	0.49	0.72	0.70	0.61	0.75	0.85	0.86	0.92	0.56	0.51	0.91	1.48	1.08	1.45	1.20	0.94	0.84
	-33.87	-19.21	-25.44	-28.03	-27.26	-20.61	-9.53	-16.33	-0.64	0.00	0.00	0.00	0.00	0.00	0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	27.65	21.53	24.56	25.69	23.87	24.61	23.71	27.93	20.44	23.31	20.77	21.05	21.96	22.05	22.56	21.93	26.78	30.65	43.12	28.92	35.37	31.85	24.16	21.37
24190	0.00	0.01	-0.01	-0.02	-0.03	0.00	0.08	0.07	0.06	0.04	0.05	0.10	0.14	0.15	0.16	0.04	-0.04	0.21	0.27	0.19	0.26	0.13	0.11	0.08
	-34.09	-19.33	-25.63	-28.24	-27.46	-20.77	-9.61	-16.44	-0.64	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	-15.31	2.32	-0.51	-1.79	-2.73	3.68	3.32	10.09	17.06	20.44	18.03	18.18	19.27	19.29	19.40	18.78	16.06	-27.46	37.67	25.19	30.99	28.80	22.18	19.40
355683	0.93	-0.20	0.12	0.27	0.37	-0.51	-1.99	-1.61	-2.69	-2.82	-2.69	-2.78	-2.54	-2.60	-3.02	-3.11	-3.80	-4.24	-5.18	-3.54	-4.11	-2.91	-1.87	-1.89
	9.80	-0.32	-0.43	-0.48	-0.46	-0.35	8.71	-0.28	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.01	6.96	53.66	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	27.65	21.53	24.56	25.69	23.87	24.61	23.71	27.93	20.44	23.31	20.77	21.05	21.96	22.05	22.56	21.93	26.78	30.65	43.12	28.92	35.37	31.85	24.16	21.37
23571	0.00	0.01	-0.01	-0.02	-0.03	0.00	0.08	0.07	0.06	0.04	0.05	0.10	0.14	0.15	0.16	0.04	-0.04	0.21	0.27	0.19	0.26	0.13	0.11	0.08
	-34.09	-19.33	-25.63	-28.24	-27.46	-20.77	-9.61	-16.44	-0.64	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	27.65	21.53	24.56	25.69	23.87	24.61	23.71	27.93	20.44	23.31	20.77	21.05	21.96	22.05	22.56	21.93	26.78	30.65	43.12	28.92	35.37	31.85	24.16	21.37
23572	0.00	0.01	-0.01	-0.02	-0.03	0.00	0.08	0.07	0.06	0.04	0.05	0.10	0.14	0.15	0.16	0.04	-0.04	0.21	0.27	0.19	0.26	0.13	0.11	0.08
	-34.09	-19.33	-25.63	-28.24	-27.46	-20.77	-9.61	-16.44	-0.64	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	27.65	21.53	24.56	25.69	23.87	24.61	23.71	27.93	20.44	23.31	20.77	21.05	21.96	22.05	22.56	21.93	26.78	30.65	43.12	28.92	35.37	31.85	24.16	21.37
23573	0.00	0.01	-0.01	-0.02	-0.03	0.00	0.08	0.07	0.06	0.04	0.05	0.10	0.14	0.15	0.16	0.04	-0.04	0.21	0.27	0.19	0.26	0.13	0.11	0.08
	-34.09	-19.33	-25.63	-28.24	-27.46	-20.77	-9.61	-16.44	-0.64	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	27.65 0.00 -34.09	21.53 0.01 -19.33	24.56 -0.01 -25.63	25.69 -0.02 -28.24	23.87 -0.03 -27.46	24.61 0.00 -20.77	23.71 0.08 -9.61	27.93 0.07 -16.44	20.44 0.06 -0.64	23.31 0.04 0.00	20.77 0.05 0.00	21.05 0.10 0.00	21.96 0.14 0.00	22.05 0.15 0.00	22.56 0.16 0.02	21.93 0.04 0.00	26.78 -0.04 0.00	30.65 0.21 0.00	43.12 0.27 0.00	28.92 0.19 0.00	35.37 0.26 0.00	31.85 0.13 0.00	24.16 0.11 0.00	21.37 0.08 0.00
ALBANY___LFGE 323615	27.89 -0.07 -34.40	21.74 0.03 -19.51	24.78 -0.02 -25.86	25.91 -0.05 -28.49	24.09 -0.07 -27.71	24.84 0.04 -20.96	23.95 0.23 -9.69	28.21 0.20 -16.60	20.66 0.28 -0.65	23.56 0.30 0.00	21.00 0.29 0.00	21.30 0.35 0.00	22.21 0.40 0.00	22.31 0.41 0.00	22.84 0.44 0.02	22.20 0.31 0.00	27.11 0.29 0.00	31.05 0.60 0.00	43.68 0.83 0.00	29.28 0.55 0.00	35.81 0.71 0.00	32.24 0.52 0.00	24.43 0.39 0.00	21.61 0.32 0.00
ALCOA_PA_115KV_PL-6C 55860	-14.98 0.90 9.45	2.34 -0.20 -0.34	-0.49 0.11 -0.45	-1.77 0.26 -0.50	-2.72 0.36 -0.49	3.71 -0.50 -0.37	3.64 -1.96 8.42	10.15 -1.57 -0.30	17.14 -2.61 -0.01	20.50 -2.76 0.00	18.06 -2.65 0.00	18.20 -2.75 0.00	19.30 -2.52 0.00	19.31 -2.59 0.00	19.36 -3.06 0.00	18.75 -3.15 0.01	15.74 -3.84 7.23	-29.60 -4.29 55.75	37.60 -5.25 0.00	25.16 -3.57 0.00	31.01 -4.10 0.00	28.86 -2.86 0.00	22.22 -1.83 0.00	19.45 -1.84 0.00
ALCOA_RYNLDS___DRP 24188	-14.98 0.90 9.45	2.34 -0.20 -0.34	-0.49 0.11 -0.45	-1.77 0.26 -0.50	-2.72 0.36 -0.49	3.71 -0.50 -0.37	3.64 -1.96 8.42	10.15 -1.57 -0.30	17.14 -2.61 -0.01	20.50 -2.76 0.00	18.06 -2.65 0.00	18.20 -2.75 0.00	19.30 -2.52 0.00	19.31 -2.59 0.00	19.36 -3.06 0.00	18.75 -3.15 0.01	15.74 -3.84 7.23	-29.60 -4.29 55.75	37.60 -5.25 0.00	25.16 -3.57 0.00	31.01 -4.10 0.00	28.86 -2.86 0.00	22.22 -1.83 0.00	19.45 -1.84 0.00
ALCOA___DSASP 323711	-14.98 0.90 9.45	2.34 -0.20 -0.34	-0.49 0.11 -0.45	-1.77 0.26 -0.50	-2.72 0.35 -0.49	3.70 -0.51 -0.37	3.63 -1.98 8.42	10.14 -1.57 -0.30	17.14 -2.62 -0.01	20.50 -2.77 0.00	18.06 -2.65 0.00	18.20 -2.75 0.00	19.30 -2.52 0.00	19.31 -2.59 0.00	19.36 -3.06 0.00	18.74 -3.15 0.01	15.74 -3.84 7.23	-29.60 -4.29 55.75	37.60 -5.25 0.00	25.15 -3.57 0.00	31.01 -4.10 0.00	28.86 -2.86 0.00	22.22 -1.83 0.00	19.44 -1.84 0.00
ALLEGHENY___COGEN 23514	-2.01 -0.37 -4.81	5.02 0.10 -2.73	2.51 -0.05 -3.62	1.33 -0.13 -3.99	0.14 -0.18 -3.88	6.94 0.16 -2.94	16.03 0.64 -1.36	14.05 0.24 -2.39	19.70 -0.14 -0.09	23.03 -0.24 0.00	20.53 -0.19 0.00	20.68 -0.27 0.00	21.56 -0.26 0.00	22.45 0.55 0.00	22.71 0.29 0.00	22.22 0.32 0.00	27.41 0.59 0.00	30.89 0.44 0.00	43.51 0.66 0.00	29.71 0.98 0.00	36.45 1.34 0.00	33.06 1.35 0.00	25.30 1.25 0.00	22.30 1.02 0.00
ALTAMONT_115KV_TB 2 55880	27.57 -0.11 -34.12	21.59 0.04 -19.35	24.61 -0.02 -25.69	25.72 -0.05 -28.30	23.89 -0.07 -27.53	24.73 0.07 -20.82	23.94 0.29 -9.63	28.07 0.21 -16.44	20.69 0.32 -0.64	23.60 0.34 0.00	21.04 0.32 0.00	21.29 0.34 0.00	22.17 0.36 0.00	22.24 0.35 0.00	22.77 0.36 0.01	22.21 0.31 0.00	27.21 0.40 0.00	31.05 0.60 0.00	43.73 0.87 0.00	29.32 0.59 0.00	35.85 0.74 0.00	32.32 0.60 0.00	24.52 0.48 0.00	21.68 0.39 0.00
ALTONA_WT_PWR 323606	-15.43 0.84 9.83	2.35 -0.17 -0.32	-0.53 0.11 -0.43	-1.82 0.24 -0.48	-2.80 0.30 -0.46	3.75 -0.44 -0.35	3.61 -1.67 8.74	10.36 -1.34 -0.28	17.52 -2.23 -0.01	20.94 -2.33 0.00	18.51 -2.21 0.00	18.64 -2.31 0.00	19.76 -2.05 0.00	19.82 -2.08 0.00	19.99 -2.43 0.00	19.28 -2.61 0.01	16.74 -3.14 6.94	-26.49 -3.44 53.49	38.90 -3.95 0.00	25.95 -2.78 0.00	31.97 -3.13 0.00	29.65 -2.06 0.00	22.79 -1.25 0.00	19.91 -1.38 0.00
AMERICAN_REF_FUEL 24010	-2.13 -0.07 -4.38	4.68 0.00 -2.48	2.22 -0.02 -3.30	1.04 -0.06 -3.64	-0.09 -0.07 -3.54	6.51 -0.01 -2.68	15.06 -0.19 -1.24	13.32 -0.26 -2.17	19.36 -0.46 -0.08	22.82 -0.45 0.00	20.42 -0.30 0.00	20.60 -0.35 0.00	21.58 -0.23 0.00	21.67 -0.23 0.00	22.15 -0.27 0.00	21.77 -0.13 0.00	26.65 -0.17 0.00	29.87 -0.57 0.00	41.74 -1.11 0.00	27.98 -0.75 0.00	34.07 -1.04 0.00	31.02 -0.69 0.00	23.40 -0.65 0.00	20.69 -0.59 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	-1.67 -0.15 -4.93	5.02 0.03 -2.79	2.62 -0.03 -3.71	1.51 -0.05 -4.09	0.37 -0.05 -3.98	6.92 0.06 -3.01	15.58 0.15 -1.41	14.13 0.21 -2.49	20.61 0.77 -0.10	24.70 1.44 0.00	22.20 1.48 0.00	22.44 1.49 0.00	23.34 1.52 0.00	23.47 1.57 0.00	24.05 1.63 0.00	23.62 1.72 0.00	28.96 2.14 0.00	32.43 1.98 0.00	45.39 2.54 0.00	30.40 1.67 0.00	36.99 1.89 0.00	33.48 1.77 0.00	25.13 1.08 0.00	22.08 0.79 0.00
ARTHUR_KILL_GT_1 23520	19.97 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.20 0.63 -7.55	24.86 0.56 -12.88	21.22 0.98 -0.50	24.42 1.15 0.00	21.79 1.08 0.00	22.10 1.15 0.00	23.06 1.24 0.00	23.11 1.22 0.00	23.70 1.27 -0.01	23.11 1.22 0.00	28.15 1.33 0.00	31.13 1.56 0.87	44.52 1.90 0.23	30.08 1.35 0.00	36.61 1.50 0.00	33.07 1.35 0.00	25.41 1.37 0.00	22.38 1.10 0.00
ARTHUR_KILL_2 23512	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.33	22.17 0.59 -7.55	24.83 0.53 -12.88	21.17 0.93 -0.50	24.36 1.10 0.00	21.75 1.03 0.00	22.05 1.10 0.00	22.99 1.18 0.00	23.05 1.16 0.00	23.63 1.20 -0.01	23.06 1.16 0.00	28.09 1.28 0.00	31.05 1.48 0.87	44.41 1.79 0.23	30.00 1.28 0.00	36.51 1.41 0.00	32.98 1.26 0.00	25.34 1.30 0.00	22.33 1.05 0.00
ARTHUR_KILL_3 23513	20.00 -0.30 -26.74	17.45 0.09 -15.16	19.05 -0.03 -20.14	19.58 -0.08 -22.19	17.89 -0.13 -21.59	20.32 0.15 -16.32	22.10 0.53 -7.55	24.78 0.49 -12.88	21.14 0.90 -0.50	24.32 1.06 0.00	21.73 1.01 0.00	22.03 1.08 0.00	22.96 1.14 0.00	23.02 1.13 0.00	23.61 1.19 -0.01	23.03 1.14 0.00	28.10 1.28 0.00	31.98 1.54 0.00	44.65 1.81 0.00	29.88 1.15 0.00	36.50 1.40 0.00	32.93 1.22 0.00	25.12 1.08 0.00	22.15 0.86 0.00
ARTHUR_KILL_COGEN 323718	19.97 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.20 0.63 -7.55	24.86 0.56 -12.88	21.22 0.98 -0.50	24.42 1.15 0.00	21.79 1.08 0.00	22.10 1.15 0.00	23.06 1.24 0.00	23.11 1.22 0.00	23.70 1.27 -0.01	23.11 1.22 0.00	28.15 1.33 0.00	31.13 1.56 0.87	44.52 1.90 0.23	30.08 1.35 0.00	36.61 1.50 0.00	33.07 1.35 0.00	25.41 1.37 0.00	22.38 1.10 0.00
ASHOKAN____ 23654	23.39 -0.14 -29.98	19.26 0.07 -17.00	21.48 -0.02 -22.56	22.28 -0.04 -24.86	20.54 -0.07 -24.17	22.27 0.14 -18.28	22.85 0.38 -8.45	26.15 0.32 -14.42	20.83 0.53 -0.56	23.79 0.52 0.00	21.17 0.45 0.00	21.44 0.49 0.00	22.35 0.54 0.00	22.41 0.51 0.00	22.97 0.55 0.00	22.40 0.51 0.00	27.41 0.59 0.00	31.42 0.97 0.00	44.26 1.41 0.00	29.74 1.01 0.00	36.39 1.29 0.00	32.73 1.01 0.00	24.80 0.75 0.00	21.88 0.59 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.03 -20.14	19.58 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.12 0.55 -7.55	24.85 0.55 -12.88	21.26 1.02 -0.50	24.42 1.15 0.00	21.79 1.08 0.00	22.09 1.14 0.00	23.03 1.22 0.00	23.09 1.19 0.00	23.65 1.23 0.00	23.07 1.18 0.01	28.12 1.31 0.01	31.99 1.55 0.00	44.65 1.80 0.00	29.91 1.18 0.00	36.53 1.43 0.00	32.99 1.28 0.00	25.17 1.13 0.00	22.18 0.89 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.03 -20.14	19.58 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.12 0.55 -7.55	24.85 0.55 -12.88	21.26 1.02 -0.50	24.42 1.15 0.00	21.79 1.08 0.00	22.09 1.14 0.00	23.03 1.22 0.00	23.09 1.19 0.00	23.65 1.23 0.00	23.07 1.18 0.01	28.12 1.31 0.01	31.99 1.55 0.00	44.65 1.80 0.00	29.91 1.18 0.00	36.53 1.43 0.00	32.99 1.28 0.00	25.17 1.13 0.00	22.18 0.89 0.00
ASTORIA_GT2_1 24094	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.13 0.56 -7.55	24.85 0.56 -12.88	21.27 1.04 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.67 1.24 -0.01	23.09 1.19 0.00	28.14 1.33 0.00	32.02 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.45 0.00	33.01 1.30 0.00	25.18 1.14 0.00	22.19 0.90 0.00
ASTORIA_GT2_2 24095	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.13 0.56 -7.55	24.85 0.56 -12.88	21.27 1.04 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.67 1.24 -0.01	23.09 1.19 0.00	28.14 1.33 0.00	32.02 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.45 0.00	33.01 1.30 0.00	25.18 1.14 0.00	22.19 0.90 0.00
ASTORIA_GT2_3 24096	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.13 0.56 -7.55	24.85 0.56 -12.88	21.27 1.04 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.67 1.24 -0.01	23.09 1.19 0.00	28.14 1.33 0.00	32.02 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.45 0.00	33.01 1.30 0.00	25.18 1.14 0.00	22.19 0.90 0.00
ASTORIA_GT2_4 24097	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.13 0.56 -7.55	24.85 0.56 -12.88	21.27 1.04 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.67 1.24 -0.01	23.09 1.19 0.00	28.14 1.33 0.00	32.02 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.45 0.00	33.01 1.30 0.00	25.18 1.14 0.00	22.19 0.90 0.00
ASTORIA_GT3_1 24098	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.13 0.56 -7.55	24.85 0.56 -12.88	21.27 1.04 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.67 1.24 -0.01	23.09 1.19 0.00	28.14 1.33 0.00	32.02 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.45 0.00	33.01 1.30 0.00	25.18 1.14 0.00	22.19 0.90 0.00
ASTORIA_GT3_2 24099	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14																					

ASTORIA_GT_10 24110	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.15 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.15 1.70 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.22 0.94 0.00
ASTORIA_GT_11 24225	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.15 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.15 1.70 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.22 0.94 0.00
ASTORIA_GT_12 24226	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.14 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.25 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.14 1.69 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
ASTORIA_GT_13 24227	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.14 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.25 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.14 1.69 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
ASTORIA_GT_5 24106	19.98 -0.32 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.33	22.15 0.58 -7.55	24.87 0.58 -12.88	21.31 1.07 -0.50	24.47 1.21 0.00	21.84 1.13 0.00	22.14 1.19 0.00	23.08 1.27 0.00	23.15 1.25 0.00	23.71 1.28 0.00	23.12 1.24 0.01	28.19 1.38 0.01	32.07 1.63 0.00	44.76 1.91 0.00	29.98 1.25 0.00	36.62 1.51 0.00	33.07 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
ASTORIA_GT_7 24107	19.98 -0.32 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.33	22.15 0.58 -7.55	24.87 0.58 -12.88	21.31 1.07 -0.50	24.47 1.21 0.00	21.84 1.13 0.00	22.14 1.19 0.00	23.08 1.27 0.00	23.15 1.25 0.00	23.71 1.28 0.00	23.12 1.24 0.01	28.19 1.38 0.01	32.07 1.63 0.00	44.76 1.91 0.00	29.98 1.25 0.00	36.62 1.51 0.00	33.07 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
ASTORIA_GT_8 24108	19.98 -0.32 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.33	22.15 0.59 -7.55	24.87 0.58 -12.88	21.31 1.08 -0.50	24.48 1.21 0.00	21.85 1.13 0.00	22.14 1.19 0.00	23.08 1.27 0.00	23.15 1.25 0.00	23.71 1.28 -0.01	23.13 1.23 0.00	28.20 1.39 0.00	32.08 1.63 0.00	44.76 1.90 0.00	29.97 1.25 0.00	36.62 1.52 0.00	33.07 1.36 0.00	25.23 1.18 0.00	22.23 0.95 0.00
ASTORIA___2 24149	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.03 -20.14	19.57 -0.09 -22.19	17.89 -0.14 -21.59	20.33 0.16 -16.33	22.12 0.56 -7.55	24.85 0.56 -12.88	21.27 1.03 -0.50	24.43 1.16 0.00	21.80 1.09 0.00	22.10 1.15 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.66 1.24 0.00	23.08 1.19 0.01	28.14 1.32 0.01	32.01 1.57 0.00	44.67 1.82 0.00	29.92 1.19 0.00	36.55 1.44 0.00	33.01 1.29 0.00	25.19 1.14 0.00	22.20 0.91 0.00
ASTORIA___3 23516	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.14 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.25 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.14 1.69 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
ASTORIA___4 23517	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.15 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.15 1.70 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.22 0.94 0.00
ASTORIA___5 23518	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.57 -12.88	21.29 1.05 -0.50	24.48 1.21 0.00	21.86 1.14 0.00	22.15 1.21 0.00	23.09 1.28 0.00	23.15 1.25 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.14 1.69 0.00	44.87 2.01 0.00	30.03 1.30 0.00	36.65 1.54 0.00	33.08 1.36 0.00	25.23 1.18 0.00	22.23 0.94 0.00
AST_ENERGY_2_CC3 323677	20.00 -0.30 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.32	22.15 0.58 -7.55	24.82 0.53 -12.88	21.22 0.98 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.06 1.24 0.00	23.12 1.22 0.00	23.70 1.27 -0.01	23.12 1.22 0.00	28.20 1.38 0.00	32.10 1.65 0.00	44.81 1.96 0.00	29.97 1.24 0.00	36.60 1.50 0.00	33.02 1.30 0.00	25.18 1.13 0.00	22.20 0.91 0.00
AST_ENERGY_2_CC4 323678	20.00 -0.30 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.32	22.15 0.58 -7.55	24.82 0.53 -12.88	21.22 0.98 -0.50	24.43 1.16 0.00	21.81 1.09 0.00	22.10 1.15 0.00	23.06 1.24 0.00	23.12 1.22 0.00	23.70 1.27 -0.01	23.12 1.22 0.00	28.20 1.38 0.00	32.10 1.65 0.00	44.81 1.96 0.00	29.97 1.24 0.00	36.60 1.50 0.00	33.02 1.30 0.00	25.18 1.13 0.00	22.20 0.91 0.00
ATHENS_STG_1 23668	24.60 -0.14 -31.18	19.93 0.05 -17.68	22.42 -0.02 -23.51	23.31 -0.06 -25.90	21.55 -0.08 -25.19	22.98 0.09 -19.05	23.16 0.33 -8.81	26.78 0.28 -15.08	20.81 0.48 -0.59	23.82 0.55 0.00	21.24 0.52 0.00	21.48 0.53 0.00	22.35 0.54 0.00	22.39 0.50 0.00	22.93 0.51 0.00	22.37 0.47 0.00	27.35 0.53 0.00	31.10 0.66 0.00	43.70 0.85 0.00	29.31 0.58 0.00	35.82 0.71 0.00	32.31 0.60 0.00	24.55 0.50 0.00	21.70 0.41 0.00
ATHENS_STG_2 23670	24.60 -0.14 -31.18	19.93 0.05 -17.68	22.42 -0.02 -23.51	23.31 -0.06 -25.90	21.55 -0.08 -25.19	22.98 0.09 -19.05	23.16 0.33 -8.81	26.78 0.28 -15.08	20.81 0.48 -0.59	23.82 0.55 0.00	21.24 0.52 0.00	21.48 0.53 0.00	22.35 0.54 0.00	22.39 0.50 0.00	22.93 0.51 0.00	22.37 0.47 0.00	27.35 0.53 0.00	31.10 0.66 0.00	43.70 0.85 0.00	29.31 0.58 0.00	35.82 0.71 0.00	32.31 0.60 0.00	24.55 0.50 0.00	21.70 0.41 0.00

ATHENS_STG_3 23677	24.60 -0.14 -31.18	19.93 0.05 -17.68	22.42 -0.02 -23.51	23.31 -0.06 -25.90	21.55 -0.08 -25.19	22.98 0.09 -19.05	23.16 0.33 -8.81	26.78 0.28 -15.08	20.81 0.48 -0.59	23.82 0.55 0.00	21.24 0.52 0.00	21.48 0.53 0.00	22.35 0.54 0.00	22.39 0.50 0.00	22.93 0.51 0.00	22.37 0.47 0.00	27.35 0.53 0.00	31.10 0.66 0.00	43.70 0.85 0.00	29.31 0.58 0.00	35.82 0.71 0.00	32.31 0.60 0.00	24.55 0.50 0.00	21.70 0.41 0.00
AUBURN___LFGE 323710	-2.98 -0.11 -3.57	4.26 0.04 -2.02	1.61 -0.02 -2.69	0.38 -0.05 -2.96	-0.75 -0.07 -2.88	6.12 0.09 -2.18	15.36 0.33 -1.01	13.46 0.26 -1.78	20.25 0.44 -0.07	23.77 0.50 0.00	21.14 0.43 0.00	21.36 0.41 0.00	22.21 0.40 0.00	22.34 0.44 0.00	22.89 0.47 0.00	22.42 0.52 0.00	27.56 0.74 0.00	31.36 0.91 0.00	44.30 1.45 0.00	29.56 0.83 0.00	36.17 1.05 -0.01	32.70 0.97 -0.01	24.59 0.55 0.00	21.72 0.43 0.00
BABYLON_RES_REC 323704	20.00 -0.31 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.84 -0.19 -21.59	20.39 0.22 -16.33	22.25 0.68 -7.55	24.96 0.67 -12.88	21.40 1.16 -0.50	24.59 1.33 0.00	21.82 1.10 0.00	22.01 1.06 0.00	22.99 1.18 0.00	22.87 0.98 0.00	23.41 0.98 -0.01	22.85 0.95 0.00	27.79 0.98 0.00	31.80 1.36 0.00	44.62 1.77 0.00	29.88 1.15 0.00	36.65 1.54 0.00	33.06 1.34 0.00	25.37 1.32 0.00	22.61 1.32 0.00
BABYLON__69_KV_BK2 356345	19.93 -0.37 -26.75	17.47 0.11 -15.17	19.04 -0.05 -20.15	19.54 -0.13 -22.20	17.80 -0.23 -21.59	20.44 0.27 -16.33	22.40 0.82 -7.55	25.07 0.77 -12.88	21.58 1.34 -0.50	24.81 1.54 0.00	22.10 1.38 0.00	22.33 1.38 0.00	23.35 1.53 0.00	23.23 1.34 0.00	23.77 1.34 -0.01	23.19 1.29 0.00	28.33 1.52 0.00	32.42 1.97 0.00	45.34 2.49 0.00	30.36 1.63 0.00	37.29 2.19 0.00	33.64 1.92 0.00	25.76 1.71 0.00	22.84 1.55 0.00
BARON_WINDS___WT_PWR 323822	-0.49 -0.17 -6.12	5.70 0.04 -3.47	3.54 -0.01 -4.61	2.52 -0.03 -5.08	1.36 -0.02 -4.94	7.63 0.05 -3.74	15.84 0.09 -1.73	14.58 0.12 -3.04	20.31 0.45 -0.12	24.00 0.74 0.00	21.44 0.72 0.00	21.63 0.68 0.00	22.47 0.66 0.00	22.65 0.75 0.00	23.18 0.76 0.00	22.74 0.85 0.00	28.01 1.19 0.00	31.32 0.87 0.00	43.97 1.12 0.00	29.53 0.80 0.00	36.03 0.92 0.00	32.54 0.82 0.00	24.45 0.40 0.00	21.47 0.18 0.00
BARRETT_IC_1 23704	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_10 23701	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_11 23702	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_12 23703	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_2 23705	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_3 23706	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_4 23707	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_5 23708	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_6 23709	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_7 23710	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.21 0.97 -0.50	24.41 1.14 0.00	21.78 1.06 0.00	22.02 1.07 0.00	23.06 1.18 -0.06	23.00 1.07 -0.03	23.55 1.10 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.40 0.00	44.52 1.67 0.00	29.78 1.05 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.18 -57.66	48.51 0.98 -26.25

BARRETT_IC_8 23711	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT_IC_9 23700	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT___1 23545	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BARRETT___2 23546	20.04 -0.26 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.85 0.55 -12.88	21.22 0.98 -0.50	24.41 1.14 0.00	21.77 1.06 0.00	22.02 1.07 0.00	23.06 1.19 -0.06	22.99 1.07 -0.03	23.54 1.09 -0.03	22.92 1.02 0.00	27.90 1.08 0.00	31.85 1.41 0.00	44.52 1.67 0.00	29.79 1.06 0.00	36.53 1.43 0.00	33.02 1.29 -0.01	82.89 1.19 -57.66	48.49 0.95 -26.25
BATAVIA___115KV_TB1 55881	-2.43 -0.23 -4.25	4.65 0.04 -2.41	2.10 -0.04 -3.20	0.88 -0.11 -3.53	-0.27 -0.14 -3.43	6.52 0.08 -2.59	15.43 0.20 -1.20	13.61 0.09 -2.10	20.00 0.18 -0.08	23.53 0.26 0.00	20.99 0.27 0.00	21.24 0.29 0.00	22.24 0.43 0.00	22.34 0.45 0.00	22.86 0.44 0.00	22.48 0.58 0.00	27.56 0.74 0.00	31.00 0.55 0.00	43.53 0.68 0.00	29.31 0.58 0.00	35.71 0.60 0.00	32.44 0.72 0.00	24.36 0.32 0.00	21.46 0.17 0.00
BAYONEEC___CTG1 323682	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.17 0.60 -7.55	24.84 0.55 -12.88	21.25 1.01 -0.50	24.46 1.20 0.00	21.84 1.12 0.00	22.13 1.18 0.00	23.07 1.26 0.00	23.14 1.24 0.00	23.72 1.29 -0.01	23.14 1.24 0.00	28.22 1.41 0.00	32.13 1.68 0.00	44.87 2.02 0.00	30.01 1.29 0.00	36.66 1.55 0.00	33.07 1.35 0.00	25.23 1.18 0.00	22.23 0.95 0.00
BAYONEEC___CTG10 323750	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.17 0.60 -7.55	24.84 0.55 -12.88	21.25 1.01 -0.50	24.46 1.20 0.00	21.84 1.12 0.00	22.13 1.18 0.00	23.07 1.26 0.00	23.14 1.24 0.00	23.72 1.29 -0.01	23.14 1.24 0.00	28.22 1.41 0.00	32.13 1.68 0.00	44.87 2.02 0.00	30.01 1.29 0.00	36.66 1.55 0.00	33.07 1.35 0.00	25.23 1.18 0.00	22.23 0.95 0.00
BAYONEEC___CTG2 323683	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.																					

BEACON___LESR 323632	27.50 -0.10 -34.05	21.54 0.04 -19.30	24.51 -0.02 -25.59	25.61 -0.05 -28.19	23.78 -0.07 -27.41	24.62 0.04 -20.74	23.93 0.31 -9.59	28.14 0.31 -16.42	20.75 0.37 -0.64	23.67 0.40 0.00	21.03 0.32 0.00	21.36 0.41 0.00	22.25 0.43 0.00	22.34 0.45 0.00	22.83 0.44 0.02	22.29 0.39 0.00	27.22 0.40 0.00	31.17 0.73 0.00	43.90 1.05 0.00	29.45 0.72 0.00	36.05 0.95 0.00	32.41 0.69 0.00	24.48 0.44 0.00	21.64 0.35 0.00
BEAVER RIVER___HYD 24048	-8.02 0.28 1.86	2.79 -0.10 -0.69	-0.11 0.03 -0.92	-1.43 0.08 -1.01	-2.45 0.12 -0.99	4.47 -0.12 -0.75	11.35 -0.38 2.29	11.58 -0.45 -0.61	18.91 -0.85 -0.02	22.16 -1.10 0.00	19.55 -1.17 0.00	19.85 -1.10 0.00	20.95 -0.86 0.00	21.04 -0.85 0.00	21.37 -1.05 0.00	20.87 -1.03 0.00	28.16 -1.22 -2.56	48.84 -1.38 -19.77	41.55 -1.30 0.00	28.16 -0.57 0.00	34.95 -0.17 -0.01	31.96 0.24 -0.01	24.26 0.21 0.00	21.27 -0.02 0.00
BEEBEE_GT_13 23619	-3.16 -0.14 -3.43	4.17 0.03 -1.95	1.49 -0.03 -2.58	0.24 -0.07 -2.85	-0.88 -0.08 -2.77	5.98 0.04 -2.10	15.16 0.16 -0.97	13.21 0.10 -1.69	19.95 0.14 -0.07	23.53 0.26 0.00	20.98 0.27 0.00	21.20 0.24 0.00	22.11 0.30 0.00	22.22 0.32 0.00	22.77 0.35 0.00	22.34 0.44 0.00	27.39 0.58 0.00	30.93 0.49 0.00	43.37 0.52 0.00	29.12 0.39 0.00	35.48 0.37 0.00	32.16 0.44 0.00	24.26 0.21 0.00	21.40 0.11 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.93 -0.37 -26.74	17.48 0.12 -15.16	19.04 -0.05 -20.14	19.55 -0.11 -22.19	17.85 -0.17 -21.59	20.37 0.20 -16.33	22.31 0.73 -7.55	24.97 0.67 -12.88	21.46 1.22 -0.50	24.68 1.41 0.00	22.05 1.33 0.00	22.34 1.39 0.00	23.30 1.49 0.00	23.36 1.46 0.00	23.95 1.53 -0.01	23.38 1.48 0.00	28.52 1.70 0.00	32.44 2.00 0.00	45.24 2.39 0.00	30.33 1.60 0.00	37.01 1.91 0.00	33.41 1.69 0.00	25.50 1.46 0.00	22.45 1.16 0.00
BETHLEHEM___GRP 23843	27.65 0.00 -34.09	21.53 0.01 -19.33	24.56 -0.01 -25.63	25.69 -0.02 -28.24	23.87 -0.03 -27.46	24.61 0.00 -20.77	23.71 0.08 -9.61	27.93 0.07 -16.44	20.44 0.06 -0.64	23.31 0.04 0.00	20.77 0.05 0.00	21.05 0.10 0.00	21.96 0.14 0.00	22.05 0.15 0.00	22.56 0.16 0.02	21.93 0.04 0.00	26.78 -0.04 0.00	30.65 0.21 0.00	43.12 0.27 0.00	28.92 0.19 0.00	35.37 0.26 0.00	31.85 0.13 0.00	24.16 0.11 0.00	21.37 0.08 0.00
BETHLEHEM___GS1 323560	27.65 0.00 -34.09	21.53 0.01 -19.33	24.56 -0.01 -25.63	25.69 -0.02 -28.24	23.88 -0.02 -27.46	24.61 0.00 -20.77	23.71 0.08 -9.61	27.93 0.07 -16.44	20.44 0.06 -0.64	23.31 0.04 0.00	20.77 0.05 0.00	21.05 0.10 0.00	21.96 0.14 0.00	22.05 0.15 0.00	22.56 0.16 0.02	21.93 0.04 0.00	26.78 -0.04 0.00	30.65 0.21 0.00	43.12 0.27 0.00	28.92 0.19 0.00	35.37 0.26 0.00	31.85 0.13 0.00	24.16 0.12 0.00	21.37 0.09 0.00
BETHLEHEM___GS2 323561	27.65 0.00 -34.09	21.53 0.01 -19.33	24.56 -0.01 -25.63	25.69 -0.02 -28.24	23.88 -0.02 -27.46	24.61 0.00 -20.77	23.71 0.08 -9.61	27.93 0.07 -16.44	20.44 0.06 -0.64	23.31 0.04 0.00	20.77 0.05 0.00	21.05 0.10 0.00	21.96 0.14 0.00	22.05 0.15 0.00	22.56 0.16 0.02	21.93 0.04 0.00	26.78 -0.04 0.00	30.65 0.21 0.00	43.12 0.27 0.00	28.92 0.19 0.00	35.37 0.26 0.00	31.85 0.13 0.00	24.16 0.12 0.00	21.37 0.09 0.00
BETHLEHEM___GS3 323562	27.65 0.00 -34.09	21.53 0.01 -19.33	24.56 -0.01 -25.63	25.69 -0.02 -28.24	23.88 -0.02 -27.46	24.61 0.00 -20.77	23.71 0.08 -9.61	27.93 0.07 -16.44	20.44 0.06 -0.64	23.31 0.04 0.00	20.77 0.05 0.00	21.05 0.10 0.00	21.96 0.14 0.00	22.05 0.15 0.00	22.56 0.16 0.02	21.93 0.04 0.00	26.78 -0.04 0.00	30.65 0.21 0.00	43.12 0.27 0.00	28.92 0.19 0.00	35.37 0.26 0.00	31.85 0.13 0.00	24.16 0.12 0.00	21.37 0.09 0.00
BETHLEHEM___STEEL 23779	-1.96 -0.21 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.11 -0.12 -3.79	6.78 0.08 -2.87	15.55 0.20 -1.33	13.90 0.14 -2.34	20.18 0.35 -0.09	23.83 0.56 0.00	21.30 0.58 0.00	21.52 0.57 0.00	22.48 0.67 0.00	22.60 0.71 0.00	23.13 0.71 0.00	22.75 0.85 0.00	27.89 1.07 0.00	31.26 0.81 0.00	43.70 0.85 0.00	29.30 0.57 0.00	35.67 0.57 0.00	32.40 0.69 0.00	24.40 0.35 0.00	21.49 0.20 0.00
BETHLHEM_115KV_TB1 79974	27.60 -0.03 -34.07	21.53 0.02 -19.32	24.55 -0.01 -25.62	25.68 -0.02 -28.23	23.86 -0.03 -27.45	24.62 0.02 -20.76	23.74 0.12 -9.60	27.96 0.10 -16.44	20.51 0.13 -0.64	23.39 0.12 0.00	20.84 0.12 0.00	21.12 0.17 0.00	22.02 0.21 0.00	22.10 0.20 0.00	22.62 0.22 0.02	22.01 0.11 0.00	26.88 0.06 0.00	30.73 0.29 0.00	43.24 0.39 0.00	29.00 0.27 0.00	35.46 0.36 0.00	31.94 0.22 0.00	24.23 0.18 0.00	21.43 0.15 0.00
BETHPAGE_CC_5 323564	20.00 -0.30 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.85 -0.18 -21.59	20.38 0.21 -16.33	22.24 0.67 -7.55	24.93 0.64 -12.88	21.36 1.12 -0.50	24.55 1.28 0.00	21.91 1.19 0.00	22.15 1.20 0.00	23.16 1.35 0.00	23.10 1.20 0.00	23.64 1.21 -0.01	23.06 1.17 0.00	28.11 1.30 0.00	32.14 1.69 0.00	44.91 2.06 0.00	30.05 1.33 0.00	36.84 1.74 0.00	33.23 1.51 0.00	27.14 1.44 -1.66	23.29 1.25 -0.75
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	-1.91 -0.22 -4.75	4.94 0.05 -2.69	2.48 -0.04 -3.58	1.31 -0.11 -3.95	0.15 -0.13 -3.84	6.83 0.09 -2.90	15.60 0.23 -1.35	13.96 0.17 -2.37	20.25 0.41 -0.09	23.92 0.65 0.00	21.37 0.66 0.00	21.59 0.64 0.00	22.56 0.75 0.00	22.68 0.79 0.00	23.22 0.80 0.00	22.83 0.94 0.00	28.00 1.19 0.00	31.38 0.93 0.00	43.87 1.02 0.00	29.42 0.69 0.00	35.81 0.70 0.00	32.51 0.80 0.00	24.47 0.42 0.00	21.54 0.26 0.00
BINGHAMTON___COGEN 23790	2.23 -0.14 -8.81	7.24 0.05 -5.00	5.56 -0.02 -6.64	4.73 -0.05 -7.32	3.49 -0.07 -7.12	9.34 0.11 -5.38	16.81 0.29 -2.49	16.05 0.24 -4.40	20.40 0.48 -0.17	23.87 0.60 0.00	21.25 0.53 0.00	21.46 0.51 0.00	22.29 0.48 0.00	22.41 0.52 0.00	22.97 0.55 0.00	22.48 0.58 0.00	27.63 0.81 0.00	31.10 0.65 0.00	43.79 0.94 0.00	29.37 0.64 0.00	35.91 0.79 -0.01	32.41 0.68 -0.01	24.46 0.41 0.00	21.58 0.29 0.00
BIXINCNT_115KV_LOAD 355685	-1.70 -0.28 -5.02	5.11 0.07 -2.85	2.68 -0.05 -3.79	1.54 -0.10 -4.17	0.37 -0.12 -4.06	6.92 0.01 -3.07	15.74 0.30 -1.43	14.21 0.27 -2.53	20.57 0.73 -0.10	24.39 1.13 0.00	21.81 1.10 0.00	22.03 1.08 0.00	22.97 1.16 0.00	23.07 1.17 0.00	23.62 1.20 0.00	23.17 1.28 0.00	28.36 1.55 0.00	31.76 1.31 0.00	44.37 1.52 0.00	29.73 1.00 0.00	36.25 1.15 0.00	32.78 1.06 0.00	24.65 0.60 0.00	21.72 0.43 0.00
BLACK RIVER___HYD 24047	-6.87 0.14 0.57	3.02 -0.07 -0.90	0.14 0.01 -1.19	-1.17 0.05 -1.31	-2.22 0.07 -1.27	4.78 -0.03 -0.97	12.54 -0.10 1.39	11.97 -0.23 -0.78	19.21 -0.56 -0.03	22.48 -0.79 0.00	19.83 -0.89 0.00	20.15 -0.81 0.00	21.22 -0.59 0.00	21.32 -0.58 0.00	21.72 -0.70 0.00	21.26 -0.64 0.00	27.84 -0.76 -1.78	43.32 -0.89 -13.76	42.19 -0.66 0.00	28.73 -0.01 0.00	35.85 0.73 -0.01	32.69 0.96 -0.01	24.69 0.64 0.00	21.63 0.35 0.00

BLACKRVR_115KV_TB2 79977	-6.86 0.14 0.57	3.02 -0.07 -0.90	0.14 0.01 -1.19	-1.17 0.05 -1.31	-2.22 0.07 -1.27	4.78 -0.03 -0.97	12.54 -0.09 1.39	11.98 -0.23 -0.78	19.21 -0.56 -0.03	22.48 -0.79 0.00	19.83 -0.89 0.00	20.14 -0.81 0.00	21.22 -0.59 0.00	21.32 -0.58 0.00	21.72 -0.70 0.00	21.26 -0.64 0.00	27.84 -0.76 -1.78	43.32 -0.90 -13.76	42.19 -0.66 0.00	28.72 -0.01 0.00	35.85 0.73 -0.01	32.69 0.96 -0.01	24.69 0.64 0.00	21.63 0.35 0.00
BLISS_WT_PWR 323608	-1.69 -0.27 -5.02	5.11 0.06 -2.85	2.68 -0.04 -3.79	1.55 -0.09 -4.17	0.38 -0.11 -4.06	6.88 -0.03 -3.07	15.71 0.26 -1.43	14.20 0.25 -2.53	20.57 0.73 -0.10	24.43 1.17 0.00	21.85 1.13 0.00	22.07 1.12 0.00	23.01 1.20 0.00	23.10 1.20 0.00	23.65 1.24 0.00	23.21 1.31 0.00	28.41 1.59 0.00	31.80 1.35 0.00	44.44 1.58 0.00	29.76 1.03 0.00	36.29 1.18 0.00	32.79 1.08 0.00	24.63 0.59 0.00	21.72 0.43 0.00
BLUE_CIRC_CHEM_DRP 24182	26.89 -0.11 -33.44	21.20 0.05 -18.96	24.08 -0.02 -25.17	25.13 -0.06 -27.73	23.32 -0.09 -26.96	24.31 0.07 -20.39	23.78 0.33 -9.43	27.80 0.25 -16.13	20.73 0.36 -0.63	23.63 0.36 0.00	21.05 0.33 0.00	21.31 0.36 0.00	22.22 0.41 0.00	22.30 0.40 0.00	22.83 0.42 0.01	22.23 0.34 0.00	27.20 0.38 0.00	31.01 0.57 0.00	43.71 0.86 0.00	29.33 0.60 0.00	35.86 0.75 0.00	32.32 0.61 0.00	24.50 0.46 0.00	21.69 0.40 0.00
BOC_GAS_DRP 24189	27.46 -0.08 -33.98	21.50 0.03 -19.27	24.51 -0.02 -25.58	25.62 -0.04 -28.18	23.80 -0.05 -27.41	24.63 0.05 -20.73	23.83 0.22 -9.59	28.01 0.19 -16.40	20.68 0.30 -0.64	23.59 0.33 0.00	21.04 0.32 0.00	21.29 0.34 0.00	22.17 0.36 0.00	22.24 0.34 0.00	22.77 0.36 0.01	22.20 0.30 0.00	27.15 0.33 0.00	30.92 0.47 0.00	43.50 0.64 0.00	29.15 0.42 0.00	35.64 0.53 0.00	32.14 0.42 0.00	24.39 0.34 0.00	21.58 0.29 0.00
BOONVILLE_115KV_TB1 79983	-6.44 0.04 0.04	2.77 -0.02 -0.59	-0.28 0.00 -0.78	-1.67 0.01 -0.86	-2.72 0.01 -0.83	4.47 -0.01 -0.63	13.45 0.06 0.62	11.88 -0.05 -0.51	19.66 -0.10 -0.02	23.10 -0.17 0.00	20.52 -0.20 0.00	20.80 -0.15 0.00	21.75 -0.06 0.00	21.85 -0.04 0.00	22.32 -0.10 0.00	21.82 -0.08 0.00	27.68 -0.03 -0.89	37.30 -0.01 -6.86	43.18 0.33 0.00	29.12 0.39 0.00	35.77 0.66 0.00	32.41 0.69 0.00	24.51 0.46 0.00	21.57 0.28 0.00
BORALEX_4TH_BRANCH 23824	27.21 -0.22 -33.87	21.49 0.08 -19.21	24.32 -0.05 -25.44	25.36 -0.13 -28.03	23.51 -0.19 -27.26	24.61 0.15 -20.61	24.17 0.61 -9.53	28.24 0.49 -16.33	21.10 0.72 -0.64	23.96 0.70 0.00	21.33 0.61 0.00	21.70 0.75 0.00	22.66 0.85 0.00	22.76 0.86 0.00	23.31 0.92 0.03	22.45 0.56 0.00	27.33 0.51 0.00	31.35 0.91 0.00	44.33 1.48 0.00	29.81 1.08 0.00	36.55 1.45 0.00	32.91 1.20 0.00	24.99 0.94 0.00	22.13 0.84 0.00
BOWLINE___1 23526	19.20 -0.27 -25.91	16.98 0.09 -14.69	18.43 -0.03 -19.52	18.90 -0.08 -21.51	17.23 -0.13 -20.92	19.81 0.15 -15.82	21.86 0.53 -7.32	24.37 0.48 -12.47	21.10 0.88 -0.49	24.31 1.04 0.00	21.70 0.98 0.00	22.00 1.05 0.00	22.92 1.10 0.00	22.99 1.09 0.00	23.55 1.12 -0.01	22.97 1.07 0.00	28.05 1.23 0.00	31.96 1.52 0.00	44.70 1.85 0.00	29.89 1.16 0.00	36.53 1.43 0.00	32.93 1.22 0.00	25.07 1.03 0.00	22.08 0.80 0.00
BOWLINE___2 23595	19.21 -0.27 -25.92	16.98 0.09 -14.69	18.43 -0.03 -19.52	18.90 -0.08 -21.51	17.23 -0.13 -20.92	19.81 0.15 -15.82	21.86 0.53 -7.32	24.37 0.48 -12.47	21.10 0.88 -0.49	24.31 1.05 0.00	21.70 0.98 0.00	22.00 1.05 0.00	22.92 1.10 0.00	22.99 1.09 0.00	23.56 1.13 -0.01	22.97 1.07 0.00	28.05 1.23 0.00	31.96 1.52 0.00	44.70 1.85 0.00	29.89 1.16 0.00	36.53 1.43 0.00	32.94 1.23 0.00	25.07 1.03 0.00	22.08 0.80 0.00
BRADY___115KV_TB2 356060	-14.40 0.85 8.82	2.39 -0.18 -0.37	-0.46 0.11 -0.49	-1.75 0.24 -0.54	-2.70 0.33 -0.53	3.78 -0.46 -0.40	4.28 -1.83 7.91	10.23 -1.51 -0.33	17.19 -2.56 -0.01	20.53 -2.74 0.00	18.07 -2.65 0.00	18.21 -2.75 0.00	19.39 -2.42 0.00	19.42 -2.48 0.00	19.44 -2.97 0.00	18.83 -3.06 0.01	15.36 -3.75 7.71	-33.20 -4.18 59.47	37.80 -5.05 0.00	25.36 -3.37 0.00	31.36 -3.75 0.00	29.24 -2.48 0.00	22.48 -1.56 0.00	19.64 -1.64 0.00
BRANSCOMB___SOLAR 323811	28.24 -0.33 -35.01	22.15 0.11 -19.85	25.21 -0.05 -26.33	26.34 -0.13 -29.00	24.45 -0.20 -28.21	25.37 0.19 -21.33	24.65 0.76 -9.87	28.93 0.60 -16.91	21.35 0.95 -0.66	24.40 1.14 0.00	21.69 0.98 0.00	21.96 1.01 0.00	22.85 1.04 0.00	22.95 1.05 0.00	23.55 1.15 0.02	22.99 1.09 0.00	28.12 1.30 0.00	32.18 1.73 0.00	45.53 2.68 0.00	30.50 1.76 0.00	37.33 2.22 0.00	33.61 1.89 0.00	25.45 1.40 0.00	22.47 1.18 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.96 -0.35 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.55 -0.12 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.33 0.76 -7.55	25.03 0.73 -12.88	21.52 1.28 -0.50	24.73 1.46 0.00	22.06 1.34 0.00	22.29 1.35 0.00	23.32 1.51 0.00	23.20 1.31 0.00	23.72 1.29 -0.01	23.12 1.23 0.00	28.25 1.43 0.00	32.32 1.87 0.00	45.08 2.23 0.00	30.17 1.44 0.00	37.11 2.01 0.00	33.49 1.77 0.00	23.05 1.61 2.61	21.57 1.47 1.19
BRISTLHL_115KV_TB1 79998	-4.38 0.03 -2.03	3.47 -0.02 -1.30	0.66 0.00 -1.72	-0.63 0.01 -1.89	-1.70 0.02 -1.85	5.22 -0.02 -1.40	14.38 -0.07 -0.43	12.46 -0.09 -1.13	19.63 -0.15 -0.04	23.09 -0.17 0.00	20.53 -0.19 0.00	20.75 -0.20 0.00	21.58 -0.23 0.00	21.69 -0.21 0.00	22.23 -0.19 0.00	21.70 -0.19 0.00	26.59 -0.22 0.00	30.15 -0.30 0.00	42.46 -0.39 0.00	28.50 -0.23 0.00	34.83 -0.30 -0.03	31.47 -0.27 -0.03	23.80 -0.25 0.00	21.12 -0.17 0.00
BROOKHAVEN___DRP 24191	20.00 -0.31 -26.75	17.43 0.07 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.82 -0.22 -21.59	20.42 0.24 -16.33	22.16 0.59 -7.55	24.87 0.57 -12.88	21.23 0.99 -0.50	24.37 1.10 0.00	21.72 1.00 0.00	21.95 1.00 0.00	23.01 1.20 0.00	22.79 0.90 0.00	23.31 0.88 -0.01	22.74 0.84 0.00	27.82 1.01 0.00	31.86 1.41 0.00	44.60 1.75 0.00	29.86 1.13 0.00	36.66 1.55 0.00	33.07 1.36 0.00	22.24 1.29 3.09	21.14 1.26 1.41
BROOKLYN_NAVY_YARD 23515	20.00 -0.30 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.32	22.19 0.62 -7.55	24.85 0.55 -12.88	21.27 1.03 -0.50	24.46 1.19 0.00	21.83 1.11 0.00	22.11 1.16 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.68 1.25 -0.01	23.10 1.21 0.00	28.18 1.36 0.00	32.09 1.64 0.00	44.84 1.99 0.00	30.00 1.27 0.00	36.63 1.52 0.00	33.06 1.34 0.00	25.23 1.19 0.00	22.23 0.94 0.00
BROOKLYN___ARMY_DRP 323595	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00

BROOKVLE_69_KV_TB1 55790	19.98 -0.33 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.85 -0.18 -21.59	20.38 0.20 -16.33	22.28 0.71 -7.55	24.96 0.66 -12.88	21.41 1.17 -0.50	24.64 1.38 0.00	22.03 1.31 0.00	22.31 1.36 0.00	23.30 1.48 -0.01	23.30 1.40 0.00	23.88 1.44 -0.01	23.29 1.39 0.00	28.43 1.61 0.00	32.32 1.87 0.00	45.15 2.31 0.00	30.20 1.47 0.00	37.05 1.95 0.00	33.42 1.70 0.00	32.01 1.47 -6.49	25.46 1.22 -2.95
BROOME_2_LFGE 323671	2.23 -0.14 -8.81	7.24 0.05 -5.00	5.56 -0.02 -6.64	4.73 -0.05 -7.32	3.49 -0.07 -7.12	9.34 0.11 -5.38	16.81 0.29 -2.49	16.05 0.24 -4.40	20.40 0.49 -0.17	23.87 0.60 0.00	21.25 0.53 0.00	21.46 0.51 0.00	22.29 0.48 0.00	22.41 0.52 0.00	22.97 0.55 0.00	22.48 0.58 0.00	27.62 0.81 0.00	31.10 0.66 0.00	43.79 0.94 0.00	29.37 0.64 0.00	35.90 0.79 -0.01	32.41 0.68 -0.01	24.45 0.41 0.00	21.58 0.29 0.00
BROOME___LFGE 323600	2.23 -0.14 -8.81	7.24 0.05 -5.00	5.56 -0.02 -6.64	4.73 -0.05 -7.32	3.49 -0.07 -7.12	9.34 0.11 -5.38	16.81 0.29 -2.49	16.05 0.24 -4.40	20.40 0.49 -0.17	23.87 0.60 0.00	21.25 0.53 0.00	21.46 0.51 0.00	22.29 0.48 0.00	22.41 0.52 0.00	22.97 0.55 0.00	22.48 0.58 0.00	27.62 0.81 0.00	31.10 0.66 0.00	43.79 0.94 0.00	29.37 0.64 0.00	35.90 0.79 -0.01	32.41 0.68 -0.01	24.45 0.41 0.00	21.58 0.29 0.00
BROWNFLS_115KV_TB_3_5 80003	-10.52 0.55 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.18 -0.27 -0.61	8.47 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.70 0.00	20.19 -1.71 0.00	20.32 -2.10 0.00	19.79 -2.11 -0.01	28.92 -2.57 -4.68	49.06 -2.87 -21.48	39.54 -3.31 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
BROWNSV1_27_KV_LOAD 356125	19.93 -0.37 -26.74	17.48 0.12 -15.16	19.04 -0.05 -20.14	19.55 -0.11 -22.19	17.85 -0.17 -21.59	20.37 0.20 -16.32	22.31 0.74 -7.55	24.97 0.67 -12.88	21.47 1.23 -0.50	24.72 1.45 0.00	22.07 1.35 0.00	22.35 1.41 0.00	23.31 1.49 0.00	23.37 1.47 0.00	23.96 1.53 -0.01	23.37 1.48 0.00	28.52 1.71 0.00	32.48 2.03 0.00	45.35 2.50 0.00	30.34 1.61 0.00	37.05 1.94 0.00	33.43 1.71 0.00	25.47 1.42 0.00	22.43 1.15 0.00
BURROWS___LYONSDAL 23803	-6.74 0.10 0.39	2.76 -0.04 -0.61	-0.25 0.01 -0.81	-1.62 0.03 -0.89	-2.66 0.04 -0.87	4.47 -0.03 -0.65	13.03 -0.04 0.95	11.81 -0.14 -0.53	19.50 -0.26 -0.02	22.90 -0.37 0.00	20.31 -0.40 0.00	20.62 -0.33 0.00	21.59 -0.22 0.00	21.69 -0.21 0.00	22.13 -0.29 0.00	21.63 -0.26 0.00	27.77 -0.27 -1.22	39.55 -0.29 -9.40	42.87 0.01 0.00	28.95 0.22 0.00	35.63 0.52 0.00	32.35 0.62 0.00	24.47 0.42 0.00	21.52 0.23 0.00
CAITHNESS_CC_1 323624	20.01 -0.30 -26.75	17.43 0.07 -15.17	19.05 -0.03 -20.15	19.57 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.23 -16.33	22.17 0.59 -7.55	24.88 0.58 -12.88	21.26 1.01 -0.50	24.40 1.13 0.00	21.75 1.03 0.00	21.98 1.04 0.00	23.02 1.21 0.00	22.83 0.93 0.00	23.35 0.92 -0.01	22.78 0.88 0.00	27.85 1.04 0.00	31.87 1.43 0.00	44.61 1.76 0.00	29.87 1.14 0.00	36.67 1.56 0.00	33.09 1.37 0.00	22.24 1.30 3.10	21.12 1.25 1.41
CALPINE BETH_PAGE_GT4 24209	20.01 -0.30 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.85 -0.18 -21.59	20.38 0.20 -16.33	22.23 0.66 -7.55	24.92 0.62 -12.88	21.33 1.09 -0.50	24.53 1.26 0.00	21.88 1.17 0.00	22.14 1.19 0.00	23.15 1.34 0.00	23.09 1.20 0.00	23.63 1.20 -0.01	23.05 1.16 0.00	28.06 1.24 0.00	32.06 1.62 0.00	44.80 1.95 0.00	29.99 1.26 0.00	36.75 1.65 0.00	33.16 1.44 0.00	29.19 1.43 -3.72	24.21 1.23 -1.69
CALPINE_BETH_PAGE_GT_4 323586	20.01 -0.30 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.85 -0.18 -21.59	20.38 0.20 -16.33	22.23 0.66 -7.55	24.92 0.62 -12.88	21.33 1.09 -0.50	24.52 1.25 0.00	21.88 1.17 0.00	22.14 1.19 0.00	23.15 1.33 0.00	23.09 1.19 0.00	23.63 1.20 -0.01	23.05 1.16 0.00	28.06 1.24 0.00	32.06 1.62 0.00	44.80 1.95 0.00	29.99 1.26 0.00	36.75 1.65 0.00	33.16 1.44 0.00	29.19 1.43 -3.72	24.20 1.22 -1.69
CALPINE_BP_GT1 23823	20.01 -0.30 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.85 -0.18 -21.59	20.38 0.20 -16.33	22.23 0.66 -7.55	24.92 0.62 -12.88	21.33 1.09 -0.50	24.52 1.25 0.00	21.88 1.17 0.00	22.14 1.19 0.00	23.15 1.33 0.00	23.09 1.19 0.00	23.63 1.20 -0.01	23.05 1.16 0.00	28.06 1.24 0.00	32.06 1.62 0.00	44.80 1.95 0.00	29.99 1.26 0.00	36.75 1.65 0.00	33.16 1.44 0.00	29.19 1.43 -3.72	24.20 1.22 -1.69
CALSPAN___DRP 24200	-1.96 -0.21 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.11 -0.12 -3.79	6.78 0.08 -2.87	15.55 0.20 -1.33	13.90 0.14 -2.34	20.18 0.35 -0.09	23.83 0.56 0.00	21.30 0.58 0.00	21.52 0.57 0.00	22.48 0.67 0.00	22.60 0.71 0.00	23.13 0.71 0.00	22.75 0.85 0.00	27.89 1.07 0.00	31.26 0.81 0.00	43.70 0.85 0.00	29.30 0.57 0.00	35.67 0.57 0.00	32.40 0.69 0.00	24.40 0.35 0.00	21.49 0.20 0.00
CALVERTON___SOLAR 323806	19.99 -0.32 -26.75	17.43 0.07 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.80 -0.23 -21.59	20.43 0.26 -16.33	22.18 0.60 -7.55	24.88 0.58 -12.88	21.24 1.00 -0.50	24.38 1.11 0.00	21.72 1.00 0.00	21.95 1.00 0.00	23.03 1.22 0.00	22.79 0.89 0.00	23.31 0.88 -0.01	22.75 0.85 0.00	27.84 1.03 0.00	31.89 1.45 0.00	44.66 1.81 0.00	29.91 1.18 0.00	36.72 1.61 0.00	33.12 1.40 0.00	22.27 1.31 3.09	21.16 1.28 1.41
CANDIGU_WT_PWR 323617	-0.49 -0.17 -6.12	5.70 0.04 -3.47	3.54 -0.01 -4.61	2.52 -0.03 -5.08	1.36 -0.02 -4.94	7.63 0.05 -3.74	15.84 0.09 -1.73	14.58 0.12 -3.04	20.31 0.45 -0.12	24.00 0.74 0.00	21.44 0.72 0.00	21.63 0.68 0.00	22.47 0.66 0.00	22.65 0.75 0.00	23.18 0.76 0.00	22.74 0.85 0.00	28.01 1.19 0.00	31.32 0.87 0.00	43.97 1.12 0.00	29.53 0.80 0.00	36.03 0.92 0.00	32.54 0.82 0.00	24.45 0.40 0.00	21.47 0.18 0.00
CARR STREET_E_SYR 24060	-4.06 -0.02 -2.40	3.66 0.00 -1.47	0.89 0.00 -1.96	-0.38 0.00 -2.15	-1.47 0.00 -2.10	5.43 0.01 -1.59	14.60 0.01 -0.57	12.69 -0.01 -1.29	19.79 0.00 -0.05	23.29 0.02 0.00	20.73 0.01 0.00	20.97 0.02 0.00	21.81 0.00 0.00	21.93 0.02 0.00	22.46 0.05 0.00	21.89 -0.01 0.00	26.77 -0.05 0.00	30.32 -0.12 0.00	42.69 -0.17 0.00	28.62 -0.10 0.00	34.96 -0.16 -0.01	31.63 -0.10 -0.01	23.93 -0.12 0.00	21.24 -0.05 0.00
CARTHAGE___PAPER 23857	-7.31 0.20 1.07	2.94 -0.08 -0.82	0.05 0.02 -1.09	-1.28 0.06 -1.20	-2.32 0.08 -1.16	4.66 -0.06 -0.88	12.08 -0.20 1.74	11.82 -0.31 -0.72	19.09 -0.67 -0.03	22.33 -0.93 0.00	19.67 -1.04 0.00	19.97 -0.98 0.00	21.07 -0.75 0.00	21.16 -0.73 0.00	21.51 -0.90 0.00	21.04 -0.86 0.00	27.88 -1.02 -2.09	45.40 -1.13 -16.09	41.93 -0.92 0.00	28.52 -0.21 0.00	35.50 0.38 -0.01	32.43 0.70 -0.01	24.55 0.51 0.00	21.51 0.23 0.00

CASSADAGA_WT_PWR 323784	-1.68 -0.20 -4.95	5.05 0.04 -2.81	2.65 -0.03 -3.74	1.54 -0.04 -4.11	0.39 -0.05 -4.00	6.93 0.06 -3.03	15.64 0.20 -1.42	14.22 0.30 -2.51	20.78 0.95 -0.10	24.91 1.64 0.00	22.39 1.67 0.00	22.67 1.72 0.00	23.57 1.76 0.00	23.70 1.80 0.00	24.28 1.86 0.00	23.83 1.94 0.00	29.21 2.39 0.00	32.71 2.27 0.00	45.76 2.91 0.00	30.65 1.92 0.00	37.31 2.21 0.00	33.74 2.02 0.00	25.30 1.26 0.00	22.23 0.94 0.00
CE_DUNWOOD___DRP 24194	19.96 -0.29 -26.69	17.42 0.09 -15.13	19.01 -0.04 -20.10	19.53 -0.09 -22.15	17.84 -0.14 -21.54	20.30 0.17 -16.29	22.14 0.59 -7.53	24.81 0.54 -12.85	21.23 0.99 -0.50	24.43 1.16 0.00	21.81 1.10 0.00	22.09 1.14 0.00	23.02 1.21 0.00	23.09 1.19 0.00	23.66 1.23 -0.01	23.08 1.18 0.00	28.17 1.35 0.00	32.10 1.66 0.00	44.88 2.03 0.00	30.01 1.28 0.00	36.68 1.57 0.00	33.07 1.35 0.00	25.18 1.13 0.00	22.20 0.92 0.00
CE_MILLWOOD___DRP 24193	19.86 -0.28 -26.59	17.36 0.09 -15.07	18.93 -0.03 -20.03	19.45 -0.08 -22.07	17.77 -0.13 -21.46	20.23 0.16 -16.23	22.09 0.57 -7.50	24.74 0.52 -12.80	21.19 0.95 -0.50	24.38 1.12 0.00	21.77 1.05 0.00	22.06 1.11 0.00	22.97 1.16 0.00	23.04 1.15 0.00	23.62 1.19 -0.01	23.03 1.14 0.00	28.12 1.30 0.00	32.05 1.60 0.00	44.82 1.96 0.00	29.97 1.24 0.00	36.63 1.52 0.00	33.03 1.31 0.00	25.14 1.10 0.00	22.17 0.88 0.00
CE_NYC2_DRP 24202	19.98 -0.31 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.20 0.63 -7.55	24.88 0.58 -12.88	21.31 1.07 -0.50	24.51 1.24 0.00	21.89 1.17 0.00	22.18 1.23 0.00	23.12 1.31 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.18 1.29 0.00	28.27 1.46 0.00	32.18 1.73 0.00	44.91 2.06 0.00	30.06 1.33 0.00	36.69 1.58 0.00	33.12 1.40 0.00	25.25 1.21 0.00	22.25 0.96 0.00
CE_NYC_DRP 24195	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.32	22.19 0.62 -7.55	24.86 0.57 -12.88	21.28 1.04 -0.50	24.51 1.24 0.00	21.88 1.16 0.00	22.16 1.21 0.00	23.11 1.30 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.18 1.74 0.00	44.94 2.09 0.00	30.06 1.33 0.00	36.71 1.61 0.00	33.11 1.40 0.00	25.24 1.20 0.00	22.26 0.97 0.00
CHAFFEE___LFGE 323603	-1.80 -0.21 -4.85	4.99 0.05 -2.75	2.55 -0.04 -3.66	1.40 -0.10 -4.03	0.24 -0.12 -3.92	6.87 0.06 -2.96	15.60 0.21 -1.38	14.00 0.15 -2.43	20.23 0.39 -0.09	23.92 0.65 0.00	21.38 0.66 0.00	21.59 0.64 0.00	22.55 0.74 0.00	22.67 0.77 0.00	23.21 0.80 0.00	22.84 0.94 0.00	28.04 1.22 0.00	31.42 0.97 0.00	43.95 1.10 0.00	29.46 0.73 0.00	35.88 0.77 0.00	32.55 0.83 0.00	24.46 0.41 0.00	21.53 0.24 0.00
CHATEAUG_35_KV_LOAD 355732	-15.16 0.90 9.62	2.34 -0.18 -0.33	-0.51 0.11 -0.44	-1.79 0.25 -0.49	-2.75 0.33 -0.47	3.74 -0.46 -0.36	3.67 -1.79 8.57	10.27 -1.44 -0.29	17.33 -2.42 -0.01	20.72 -2.55 0.00	18.30 -2.41 0.00	18.44 -2.51 0.00	19.57 -2.24 0.00	19.64 -2.26 0.00	19.80 -2.62 0.00	19.11 -2.78 0.01	16.37 -3.35 7.10	-27.97 -3.69 54.72	38.52 -4.33 0.00	25.73 -3.00 0.00	31.69 -3.41 0.00	29.43 -2.29 0.00	22.63 -1.42 0.00	19.75 -1.54 0.00
CHATEAUG_WT_PWR 323614	-15.39 0.88 9.83	2.34 -0.18 -0.32	-0.52 0.11 -0.43	-1.81 0.25 -0.47	-2.79 0.32 -0.46	3.73 -0.46 -0.35	3.52 -1.76 8.74	10.29 -1.41 -0.28	17.40 -2.35 -0.01	20.80 -2.47 0.00	18.38 -2.34 0.00	18.52 -2.43 0.00	19.64 -2.17 0.00	19.70 -2.20 0.00	19.85 -2.57 0.00	19.16 -2.73 0.01	16.59 -3.30 6.93	-26.63 -3.63 53.45	38.61 -4.24 0.00	25.78 -2.95 0.00	31.74 -3.36 0.00	29.46 -2.26 0.00	22.65 -1.40 0.00	19.78 -1.50 0.00
CHAT_HIGH_FALL_HYD 323578	-15.16 0.90 9.62	2.34 -0.19 -0.33	-0.51 0.11 -0.44	-1.79 0.25 -0.49	-2.76 0.33 -0.47	3.73 -0.47 -0.36	3.66 -1.80 8.57	10.26 -1.44 -0.29	17.33 -2.42 -0.01	20.73 -2.54 0.00	18.30 -2.41 0.00	18.44 -2.51 0.00	19.57 -2.24 0.00	19.64 -2.26 0.00	19.79 -2.62 0.00	19.11 -2.78 0.01	16.37 -3.36 7.10	-27.97 -3.70 54.72	38.53 -4.33 0.00	25.73 -3.00 0.00	31.69 -3.41 0.00	29.43 -2.29 0.00	22.63 -1.42 0.00	19.75 -1.54 0.00
CHAUTAUQUA___LFGE 323629	-1.80 -0.21 -4.86	5.00 0.05 -2.75	2.56 -0.04 -3.66	1.41 -0.08 -4.03	0.26 -0.10 -3.92	6.93 0.12 -2.97	15.75 0.33 -1.39	14.21 0.34 -2.46	20.73 0.89 -0.10	24.69 1.43 0.00	22.14 1.42 0.00	22.36 1.41 0.00	23.25 1.44 0.00	23.38 1.48 0.00	23.95 1.53 0.00	23.52 1.62 0.00	28.83 2.01 0.00	32.30 1.85 0.00	45.19 2.34 0.00	30.28 1.55 0.00	36.85 1.75 0.00	33.38 1.66 0.00	25.06 1.01 0.00	22.03 0.74 0.00
CHERRYST_13_KV_LD 356241	19.97 -0.33 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.32	22.23 0.66 -7.55	24.90 0.61 -12.88	21.35 1.11 -0.50	24.59 1.32 0.00	21.95 1.23 0.00	22.24 1.29 0.00	23.18 1.37 0.00	23.25 1.36 0.00	23.83 1.41 -0.01	23.25 1.36 0.00	28.35 1.54 0.00	32.29 1.84 0.00	45.07 2.22 0.00	30.14 1.41 0.00	36.80 1.69 0.00	33.19 1.47 0.00	25.31 1.26 0.00	22.31 1.02 0.00
CHESTROR_138KV_BK263 355645	18.09 -0.25 -24.78	16.32 0.08 -14.04	17.57 -0.03 -18.66	17.95 -0.08 -20.56	16.32 -0.12 -20.00	19.11 0.14 -15.12	21.51 0.50 -6.99	23.78 0.45 -11.91	21.02 0.82 -0.46	24.22 0.95 0.00	21.61 0.89 0.00	21.88 0.93 0.00	22.80 0.98 0.00	22.87 0.97 0.00	23.44 1.01 -0.01	22.86 0.97 0.00	27.95 1.13 0.00	31.85 1.41 0.00	44.61 1.76 0.00	29.85 1.12 0.00	36.49 1.39 0.00	32.90 1.18 0.00	25.01 0.96 0.00	22.05 0.77 0.00
CH_MIDHUDSON___DRP 24192	20.43 -0.27 -27.15	17.67 0.09 -15.39	19.35 -0.04 -20.45	19.91 -0.08 -22.53	18.21 -0.14 -21.91	20.58 0.17 -16.57	22.28 0.59 -7.66	25.02 0.53 -13.07	21.22 0.97 -0.51	24.37 1.10 0.00	21.77 1.05 0.00	22.03 1.08 0.00	22.93 1.12 0.00	23.00 1.10 0.00	23.57 1.14 -0.01	23.01 1.11 0.00	28.13 1.32 0.00	32.09 1.64 0.00	44.98 2.13 0.00	30.08 1.35 0.00	36.75 1.64 0.00	33.12 1.40 0.00	25.18 1.13 0.00	22.21 0.93 0.00
CH_MISC_IPPS 23765	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.15 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.84 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.30 1.57 0.00	37.03 1.92 0.00	33.36 1.64 0.00	25.35 1.31 0.00	22.34 1.06 0.00
CH_RES_BVR_FALLS 23983	-18.18 0.54 12.28	2.06 -0.13 0.00	-0.98 0.08 0.00	-2.35 0.18 0.00	-3.31 0.25 0.00	3.51 -0.33 0.00	2.33 -1.19 10.51	10.48 -0.94 0.00	18.22 -1.52 0.00	21.71 -1.55 0.00	19.29 -1.43 0.00	19.53 -1.42 0.00	20.51 -1.31 0.00	20.57 -1.33 0.00	20.88 -1.53 0.00	20.32 -1.57 0.00	23.57 -1.92 1.34	18.01 -2.14 10.30	40.24 -2.62 0.00	26.94 -1.79 0.00	33.03 -2.08 0.00	30.23 -1.49 0.00	23.08 -0.97 0.00	20.30 -0.99 0.00

CH_RES_NIAGARA 23895	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.15 -0.08 -3.50	6.47 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.25 0.00	26.49 -0.33 0.00	29.69 -0.76 0.00	41.44 -1.41 0.00	27.79 -0.95 0.00	33.81 -1.29 0.00	30.82 -0.90 0.00	23.26 -0.79 0.00	20.58 -0.71 0.00
CH_RES_SYRACUSE 23985	-3.78 -0.05 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.10 -0.66	12.89 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.14 0.00	22.04 0.15 0.00	27.04 0.22 0.00	30.66 0.21 0.00	43.21 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
CLINTON_WT_PWR 323605	-15.39 0.88 9.83	2.34 -0.18 -0.32	-0.52 0.11 -0.43	-1.81 0.25 -0.47	-2.79 0.32 -0.46	3.73 -0.46 -0.35	3.52 -1.76 8.74	10.29 -1.41 -0.28	17.40 -2.35 -0.01	20.80 -2.47 0.00	18.38 -2.34 0.00	18.52 -2.43 0.00	19.64 -2.17 0.00	19.70 -2.20 0.00	19.85 -2.57 0.00	19.16 -2.73 0.01	16.59 -3.30 6.93	-26.63 -3.63 53.45	38.61 -4.24 0.00	25.78 -2.95 0.00	31.74 -3.36 0.00	29.46 -2.26 0.00	22.65 -1.40 0.00	19.78 -1.50 0.00
CLINTON___LFGE 323618	-15.41 0.81 9.78	2.37 -0.16 -0.32	-0.52 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.28 -0.46	3.77 -0.43 -0.35	3.73 -1.60 8.70	10.42 -1.28 -0.28	17.60 -2.15 -0.01	21.02 -2.25 0.00	18.56 -2.15 0.00	18.69 -2.26 0.00	19.83 -1.98 0.00	19.89 -2.01 0.00	20.06 -2.36 0.00	19.35 -2.54 0.01	16.80 -3.05 6.97	-26.62 -3.28 53.78	39.18 -3.68 0.00	26.16 -2.57 0.00	32.22 -2.89 0.00	29.88 -1.84 0.00	22.95 -1.09 0.00	20.03 -1.26 0.00
COBBLENY_34_KV_TB1 80064	-1.80 -0.21 -4.85	4.99 0.05 -2.75	2.55 -0.04 -3.66	1.40 -0.10 -4.03	0.24 -0.12 -3.92	6.87 0.07 -2.96	15.59 0.20 -1.38	14.00 0.15 -2.43	20.23 0.39 -0.09	23.92 0.65 0.00	21.38 0.66 0.00	21.59 0.64 0.00	22.56 0.74 0.00	22.67 0.77 0.00	23.21 0.80 0.00	22.84 0.94 0.00	28.04 1.22 0.00	31.42 0.97 0.00	43.94 1.09 0.00	29.47 0.74 0.00	35.88 0.77 0.00	32.55 0.83 0.00	24.48 0.43 0.00	21.54 0.25 0.00
COFFEEN___115KV_TB3 355620	-6.83 0.09 0.48	3.05 -0.05 -0.91	0.15 0.01 -1.21	-1.17 0.03 -1.33	-2.23 0.04 -1.30	4.83 0.01 -0.98	12.72 0.03 1.33	12.06 -0.15 -0.79	19.30 -0.47 -0.03	22.55 -0.72 0.00	19.88 -0.84 0.00	20.17 -0.78 0.00	21.26 -0.55 0.00	21.36 -0.54 0.00	21.77 -0.66 0.00	21.32 -0.57 0.00	27.87 -0.68 -1.73	43.01 -0.79 -13.35	42.35 -0.50 0.00	28.88 0.15 0.00	36.15 1.03 -0.01	32.98 1.25 -0.01	24.89 0.84 0.00	21.78 0.49 0.00
COLDSPRG_115KV_BK1 355956	-1.68 -0.35 -5.12	5.19 0.10 -2.90	2.74 -0.05 -3.86	1.59 -0.12 -4.25	0.41 -0.16 -4.13	7.14 0.17 -3.13	16.09 0.61 -1.46	14.59 0.58 -2.59	21.17 1.33 -0.10	25.15 1.88 0.00	22.52 1.80 0.00	22.78 1.83 0.00	23.71 1.90 0.00	23.80 1.90 0.00	24.37 1.95 0.00	23.89 1.99 0.00	29.24 2.42 0.00	32.75 2.30 0.00	45.76 2.91 0.00	30.65 1.92 0.00	37.38 2.28 0.00	33.77 2.06 0.00	25.37 1.32 0.00	22.29 1.00 0.00
COLONIE_LFGE___ 323577	27.90 -0.18 -34.53	21.84 0.07 -19.58	24.85 -0.04 -25.95	25.97 -0.09 -28.59	24.12 -0.14 -27.82	24.98 0.11 -21.03	24.23 0.48 -9.73	28.48 0.40 -16.66	20.99 0.60 -0.65	23.95 0.68 0.00	21.32 0.60 0.00	21.61 0.66 0.00	22.53 0.72 0.00	22.63 0.73 0.00	23.18 0.78 0.02	22.50 0.60 0.00	27.46 0.64 0.00	31.47 1.03 0.00	44.35 1.50 0.00	29.73 1.01 0.00	36.40 1.29 0.00	32.77 1.06 0.00	24.86 0.81 0.00	21.98 0.70 0.00
COOPERNY_115KV_TB1 80082	13.64 -0.19 -20.27	13.75 0.06 -11.49	14.19 -0.02 -15.27	14.23 -0.06 -16.82	12.71 -0.09 -16.37	16.32 0.11 -12.38	20.11 0.38 -5.71	21.18 0.37 -9.39	20.77 0.67 -0.36	24.05 0.79 0.00	21.45 0.73 0.00	21.72 0.77 0.00	22.61 0.80 0.00	22.69 0.79 0.00	23.24 0.82 0.00	22.68 0.78 0.00	27.73 0.92 0.00	31.59 1.15 0.00	44.30 1.44 0.00	29.66 0.93 0.00	36.25 1.14 0.00	32.70 0.98 0.00	24.84 0.80 0.00	21.92 0.63 0.00
COPENHAGEN_WT_PWR 323753	-6.59 0.17 0.32	3.04 -0.09 -0.93	0.20 0.02 -1.24	-1.10 0.07 -1.37	-2.14 0.09 -1.33	4.81 -0.04 -1.01	12.63 -0.17 1.22	11.97 -0.27 -0.82	19.17 -0.60 -0.03	22.47 -0.80 0.00	19.84 -0.87 0.00	20.18 -0.77 0.00	21.25 -0.56 0.00	21.35 -0.55 0.00	21.76 -0.66 0.00	21.29 -0.61 0.00	27.71 -0.74 -1.64	42.16 -0.91 -12.62	42.15 -0.71 0.00	28.68 -0.05 0.00	35.73 0.61 -0.01	32.57 0.84 -0.01	24.60 0.56 0.00	21.57 0.28 0.00
CORNELL___ 23752	-0.48 -0.19 -6.15	5.74 0.06 -3.49	3.55 -0.03 -4.64	2.50 -0.07 -5.11	1.31 -0.10 -4.97	7.72 0.13 -3.76	16.20 0.43 -1.74	14.85 0.33 -3.10	20.42 0.56 -0.12	23.88 0.62 0.00	21.22 0.50 0.00	21.43 0.47 0.00	22.27 0.46 0.00	22.40 0.51 0.00	22.97 0.55 0.00	22.48 0.58 0.00	27.67 0.86 0.00	31.39 0.95 0.00	44.40 1.55 0.00	29.84 1.11 0.00	36.46 1.35 -0.01	32.90 1.18 -0.01	24.78 0.74 0.00	21.84 0.56 0.00
CORONAAV_69_KV_TB1 355595	20.00 -0.31 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.85 -0.18 -21.59	20.38 0.21 -16.33	22.26 0.69 -7.55	24.93 0.63 -12.88	21.37 1.13 -0.50	24.57 1.31 0.00	21.96 1.24 0.00	22.23 1.28 0.00	23.24 1.39 -0.04	23.20 1.29 -0.02	23.75 1.31 -0.02	23.15 1.25 0.00	28.25 1.43 0.00	32.25 1.81 0.00	45.09 2.24 0.00	30.16 1.43 0.00	36.96 1.85 0.00	33.34 1.62 -0.01	60.33 1.43 -34.85	38.34 1.19 -15.86
CORTLAND_115KV_TB3 80093	-1.55 -0.12 -5.02	5.07 0.04 -2.85	2.70 -0.02 -3.78	1.59 -0.04 -4.16	0.43 -0.06 -4.05	6.99 0.08 -3.06	15.72 0.28 -1.42	14.12 0.20 -2.50	20.20 0.36 -0.10	23.67 0.40 0.00	21.05 0.33 0.00	21.28 0.33 0.00	22.12 0.31 0.00	22.24 0.35 0.00	22.79 0.37 0.00	22.30 0.41 0.00	27.40 0.59 0.00	31.02 0.58 0.00	43.78 0.93 0.00	29.42 0.68 0.00	35.97 0.85 -0.01	32.47 0.74 -0.01	24.49 0.44 0.00	21.62 0.33 0.00
COXSACKIE___GT 23611	25.17 -0.28 -31.89	20.38 0.10 -18.08	22.88 -0.05 -23.99	23.77 -0.13 -26.43	21.96 -0.18 -25.71	23.47 0.18 -19.44	23.76 0.75 -8.99	27.36 0.58 -15.36	21.10 0.76 -0.60	23.92 0.66 0.00	21.21 0.50 0.00	21.48 0.53 0.00	22.46 0.65 0.00	22.54 0.64 0.00	23.09 0.68 0.01	22.45 0.56 0.00	27.54 0.73 0.00	31.70 1.25 0.00	45.04 2.19 0.00	30.43 1.70 0.00	37.37 2.27 0.00	33.63 1.91 0.00	25.40 1.35 0.00	22.36 1.08 0.00
CPV_VALLEY___CC1 323721	16.52 -0.21 -23.17	15.40 0.07 -13.14	16.37 -0.02 -17.46	16.64 -0.06 -19.23	15.05 -0.10 -18.71	18.11 0.12 -14.15	20.98 0.42 -6.54	22.93 0.39 -11.12	20.87 0.70 -0.43	24.08 0.81 0.00	21.48 0.77 0.00	21.77 0.82 0.00	22.67 0.86 0.00	22.74 0.84 0.00	23.30 0.87 -0.01	22.73 0.84 0.00	27.79 0.97 0.00	31.65 1.20 0.00	44.34 1.48 0.00	29.66 0.93 0.00	36.26 1.15 0.00	32.70 0.99 0.00	24.86 0.81 0.00	21.93 0.64 0.00

CPV_VALLEY___CC2 323722	16.52 -0.21 -23.17	15.40 0.07 -13.14	16.37 -0.02 -17.46	16.64 -0.06 -19.23	15.05 -0.10 -18.71	18.11 0.12 -14.15	20.98 0.42 -6.54	22.93 0.39 -11.12	20.87 0.70 -0.43	24.08 0.81 0.00	21.48 0.77 0.00	21.77 0.82 0.00	22.67 0.86 0.00	22.74 0.84 0.00	23.30 0.87 -0.01	22.73 0.84 0.00	27.79 0.97 0.00	31.65 1.20 0.00	44.34 1.48 0.00	29.66 0.93 0.00	36.26 1.15 0.00	32.70 0.99 0.00	24.86 0.81 0.00	21.93 0.64 0.00
CRESCENT___HYD 24018	27.90 -0.18 -34.53	21.84 0.07 -19.58	24.85 -0.04 -25.95	25.97 -0.09 -28.59	24.12 -0.14 -27.82	24.98 0.11 -21.03	24.23 0.48 -9.73	28.48 0.40 -16.66	20.99 0.60 -0.65	23.95 0.68 0.00	21.32 0.60 0.00	21.61 0.66 0.00	22.53 0.72 0.00	22.63 0.73 0.00	23.18 0.78 0.02	22.50 0.60 0.00	27.46 0.64 0.00	31.47 1.03 0.00	44.35 1.50 0.00	29.73 1.01 0.00	36.40 1.29 0.00	32.77 1.06 0.00	24.86 0.81 0.00	21.98 0.70 0.00
CRICKET___VALLEY_CC1 323756	21.66 -0.17 -28.27	18.30 0.06 -16.04	20.22 -0.02 -21.30	20.88 -0.05 -23.47	19.17 -0.10 -22.83	21.23 0.13 -17.26	22.45 0.45 -7.98	25.45 0.40 -13.63	20.98 0.71 -0.53	24.03 0.77 0.00	21.50 0.78 0.00	21.74 0.79 0.00	22.61 0.80 0.00	22.67 0.77 0.00	23.09 0.79 0.12	22.66 0.76 0.00	27.67 0.85 0.00	31.62 1.17 0.00	44.40 1.55 0.00	29.69 0.96 0.00	36.29 1.18 0.00	32.70 0.98 0.00	24.87 0.83 0.00	21.99 0.71 0.00
CRICKET___VALLEY_CC2 323757	21.66 -0.17 -28.27	18.30 0.06 -16.04	20.22 -0.02 -21.30	20.88 -0.05 -23.47	19.17 -0.10 -22.83	21.23 0.13 -17.26	22.45 0.45 -7.98	25.45 0.40 -13.63	20.98 0.71 -0.53	24.03 0.77 0.00	21.50 0.78 0.00	21.74 0.79 0.00	22.61 0.80 0.00	22.67 0.77 0.00	23.09 0.79 0.12	22.66 0.76 0.00	27.67 0.85 0.00	31.62 1.17 0.00	44.40 1.55 0.00	29.69 0.96 0.00	36.29 1.18 0.00	32.70 0.98 0.00	24.87 0.83 0.00	21.99 0.71 0.00
CRICKET___VALLEY_CC3 323758	21.66 -0.17 -28.27	18.30 0.06 -16.04	20.22 -0.02 -21.30	20.88 -0.05 -23.47	19.17 -0.10 -22.83	21.23 0.13 -17.26	22.45 0.45 -7.98	25.45 0.40 -13.63	20.98 0.71 -0.53	24.03 0.77 0.00	21.50 0.78 0.00	21.74 0.79 0.00	22.61 0.80 0.00	22.67 0.77 0.00	23.09 0.79 0.12	22.66 0.76 0.00	27.67 0.85 0.00	31.62 1.17 0.00	44.40 1.55 0.00	29.69 0.96 0.00	36.29 1.18 0.00	32.70 0.98 0.00	24.87 0.83 0.00	21.99 0.71 0.00
CRUCIBLE_METL_DRP 24180	-3.78 -0.04 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.09 -0.66	12.88 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.13 0.00	22.04 0.14 0.00	27.03 0.22 0.00	30.65 0.21 0.00	43.22 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
DAHOWA___HYDRO 323763	28.29 -0.36 -35.09	22.21 0.12 -19.90	25.27 -0.06 -26.39	26.40 -0.14 -29.08	24.50 -0.22 -28.29	25.45 0.22 -21.39	24.77 0.85 -9.89	29.05 0.68 -16.96	21.48 1.08 -0.66	24.59 1.32 0.00	21.84 1.12 0.00	22.09 1.14 0.00	22.98 1.17 0.00	23.09 1.19 0.00	23.71 1.31 0.02	23.18 1.28 0.00	28.36 1.54 0.00	32.44 1.99 0.00	45.94 3.09 0.00	30.73 2.00 0.00	37.62 2.52 0.00	33.87 2.15 0.00	25.64 1.59 0.00	22.63 1.34 0.00
DANC___LFGE 323619	-5.78 0.12 -0.54	3.20 -0.06 -1.07	0.37 0.01 -1.42	-0.92 0.05 -1.57	-1.97 0.07 -1.52	4.96 -0.04 -1.15	13.26 -0.14 0.62	12.15 -0.20 -0.93	19.34 -0.43 -0.04	22.69 -0.58 0.00	20.09 -0.63 0.00	20.38 -0.57 0.00	21.36 -0.46 0.00	21.46 -0.44 0.00	21.92 -0.50 0.00	21.42 -0.48 0.00	27.35 -0.59 -1.12	38.32 -0.75 -8.62	42.18 -0.67 0.00	28.55 -0.17 0.00	35.33 0.20 -0.02	32.14 0.41 -0.02	24.28 0.24 0.00	21.38 0.09 0.00
DANSKAMMER___1 23586	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.15 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.84 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.30 1.57 0.00	37.03 1.92 0.00	33.36 1.64 0.00	25.35 1.31 0.00	22.34 1.06 0.00
DANSKAMMER___2 23589	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.15 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.84 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.30 1.57 0.00	37.03 1.92 0.00	33.36 1.64 0.00	25.35 1.31 0.00	22.34 1.06 0.00
DANSKAMMER___3 23590	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.15 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.84 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.30 1.57 0.00	37.03 1.92 0.00	33.36 1.64 0.00	25.35 1.31 0.00	22.34 1.06 0.00
DANSKAMMER___4 23591	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.15 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.84 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.30 1.57 0.00	37.03 1.92 0.00	33.36 1.64 0.00	25.35 1.31 0.00	22.34 1.06 0.00
DANSKAMMER___DIESEL 23592	19.89 -0.31 -26.65	17.41 0.10 -15.11	18.97 -0.04 -20.08	19.48 -0.10 -22.12	17.79 -0.16 -21.51	20.30 0.19 -16.27	22.22 0.67 -7.52	24.85 0.60 -12.82	21.33 1.09 -0.50	24.52 1.26 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.08 1.27 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.18 1.28 0.00	28.36 1.54 0.00	32.34 1.90 0.00	45.32 2.47 0.00	30.31 1.57 0.00	37.03 1.92 0.00	33.36 1.65 0.00	25.35 1.30 0.00	22.34 1.06 0.00
DARBY___SOLAR 323810	28.24 -0.33 -35.01	22.16 0.11 -19.85	25.21 -0.05 -26.33	26.34 -0.13 -29.01	24.45 -0.20 -28.22	25.38 0.20 -21.34	24.67 0.78 -9.87	28.95 0.62 -16.92	21.40 1.00 -0.66	24.47 1.20 0.00	21.75 1.04 0.00	22.01 1.06 0.00	22.90 1.08 0.00	23.00 1.10 0.00	23.61 1.21 0.02	23.06 1.16 0.00	28.21 1.40 0.00	32.28 1.84 0.00	45.66 2.80 0.00	30.55 1.82 0.00	37.38 2.28 0.00	33.65 1.94 0.00	25.48 1.44 0.00	22.50 1.21 0.00
DASHVILLE___HYD 23610	20.62 -0.26 -27.32	17.78 0.09 -15.49	19.49 -0.02 -20.58	20.07 -0.06 -22.67	18.38 -0.11 -22.05	20.69 0.18 -16.67	22.24 0.52 -7.71	25.02 0.50 -13.11	21.24 0.99 -0.51	24.43 1.16 0.00	21.84 1.13 0.00	22.10 1.15 0.00	22.98 1.17 0.00	23.04 1.14 0.00	23.61 1.19 0.00	23.11 1.21 0.00	28.24 1.42 0.00	32.14 1.70 0.00	44.93 2.08 0.00	30.02 1.29 0.00	36.66 1.55 0.00	33.04 1.32 0.00	25.13 1.09 0.00	22.15 0.87 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	19.84 -0.47 -26.75	17.48 0.12 -15.17	19.03 -0.06 -20.15	19.50 -0.17 -22.20	17.72 -0.32 -21.59	20.52 0.35 -16.33	22.52 0.95 -7.55	25.19 0.89 -12.88	21.79 1.55 -0.50	25.01 1.74 0.00	22.28 1.56 0.00	22.49 1.54 0.00	23.59 1.78 0.00	23.33 1.43 0.00	23.86 1.44 -0.01	23.30 1.40 0.00	28.55 1.73 0.00	32.73 2.29 0.00	45.85 3.00 0.00	30.68 1.95 0.00	37.68 2.57 0.00	33.95 2.23 0.00	22.87 1.91 3.08	21.68 1.80 1.40
DELAWARE___LFGE 323621	4.61 -0.18 -11.23	8.62 0.06 -6.37	7.37 -0.03 -8.46	6.72 -0.07 -9.32	5.42 -0.09 -9.07	10.81 0.11 -6.86	17.60 0.40 -3.18	17.48 0.30 -5.76	20.52 0.55 -0.22	23.93 0.66 0.00	21.32 0.61 0.00	21.55 0.60 0.00	22.42 0.61 0.00	22.51 0.62 0.00	23.05 0.63 0.00	22.54 0.64 0.00	27.63 0.81 0.00	31.27 0.83 0.00	43.98 1.12 0.00	29.49 0.76 0.00	36.01 0.91 0.00	32.53 0.81 0.00	24.64 0.59 0.00	21.75 0.47 0.00
DERFIELD_115KV_TB7 355931	-6.41 0.04 0.00	2.19 -0.01 0.00	-1.06 0.00 0.00	-2.52 0.01 0.00	-3.55 0.02 0.00	3.82 -0.02 0.00	13.95 -0.07 0.00	11.36 -0.06 0.00	19.64 -0.10 0.00	23.15 -0.11 0.00	20.62 -0.10 0.00	20.85 -0.10 0.00	21.71 -0.11 0.00	21.79 -0.11 0.00	22.31 -0.11 0.00	21.80 -0.10 0.00	26.71 -0.11 0.00	30.32 -0.12 0.00	42.72 -0.13 0.00	28.64 -0.09 0.00	35.00 -0.10 0.00	31.62 -0.10 0.00	23.99 -0.06 0.00	21.22 -0.06 0.00
DOGLEVILLE___HYD 23807	-6.33 0.11 0.00	2.15 -0.05 0.00	-1.04 0.02 0.00	-2.49 0.04 0.00	-3.53 0.04 0.00	3.81 -0.03 0.00	13.95 -0.07 0.00	11.29 -0.12 0.00	19.47 -0.27 0.00	22.78 -0.48 0.00	20.37 -0.35 0.00	20.63 -0.32 0.00	21.44 -0.37 0.00	21.54 -0.36 0.00	22.13 -0.29 0.00	21.52 -0.37 0.00	26.44 -0.37 0.00	30.07 -0.37 0.00	42.61 -0.24 0.00	28.59 -0.14 0.00	34.91 -0.20 0.00	31.36 -0.36 0.00	23.72 -0.33 0.00	20.93 -0.35 0.00
DUNKIRK___115KV_TB_200 55889	-1.81 -0.22 -4.85	5.00 0.05 -2.75	2.55 -0.04 -3.65	1.40 -0.09 -4.02	0.24 -0.11 -3.91	6.93 0.12 -2.96	15.76 0.35 -1.39	14.22 0.34 -2.45	20.72 0.88 -0.10	24.65 1.38 0.00	22.09 1.37 0.00	22.31 1.36 0.00	23.21 1.40 0.00	23.32 1.42 0.00	23.89 1.48 0.00	23.47 1.57 0.00	28.76 1.95 0.00	32.23 1.78 0.00	45.07 2.22 0.00	30.21 1.48 0.00	36.76 1.66 0.00	33.31 1.59 0.00	25.03 0.98 0.00	21.99 0.70 0.00
DUNKIRK___1 23563	-1.81 -0.22 -4.85	5.00 0.05 -2.75	2.55 -0.04 -3.65	1.40 -0.09 -4.02	0.24 -0.11 -3.91	6.93 0.12 -2.96	15.76 0.35 -1.39	14.22 0.34 -2.45	20.72 0.88 -0.10	24.65 1.38 0.00	22.09 1.37 0.00	22.31 1.36 0.00	23.21 1.40 0.00	23.32 1.42 0.00	23.89 1.48 0.00	23.47 1.57 0.00	28.76 1.95 0.00	32.23 1.78 0.00	45.07 2.22 0.00	30.21 1.48 0.00	36.76 1.66 0.00	33.31 1.59 0.00	25.03 0.98 0.00	21.99 0.70 0.00
DUNKIRK___2 23564	-1.81 -0.22 -4.85	5.00 0.05 -2.75	2.55 -0.04 -3.65	1.40 -0.09 -4.02	0.24 -0.11 -3.91	6.93 0.12 -2.96	15.76 0.35 -1.39	14.22 0.34 -2.45	20.72 0.88 -0.10	24.65 1.38 0.00	22.09 1.37 0.00	22.31 1.36 0.00	23.21 1.40 0.00	23.32 1.42 0.00	23.89 1.48 0.00	23.47 1.57 0.00	28.76 1.95 0.00	32.23 1.78 0.00	45.07 2.22 0.00	30.21 1.48 0.00	36.76 1.66 0.00	33.31 1.59 0.00	25.03 0.98 0.00	21.99 0.70 0.00
DUNKIRK___3 23565	-1.83 -0.21 -4.82	4.98 0.05 -2.74	2.53 -0.04 -3.64	1.38 -0.09 -4.00	0.22 -0.11 -3.90	6.91 0.12 -2.95	15.73 0.32 -1.39	14.17 0.30 -2.45	20.60 0.76 -0.10	24.44 1.18 0.00	21.88 1.17 0.00	22.16 1.21 0.00	23.11 1.29 0.00	23.15 1.26 0.00	23.72 1.31 0.00	23.30 1.40 0.00	28.56 1.74 0.00	32.00 1.56 0.00	44.74 1.89 0.00	30.00 1.27 0.00	36.51 1.41 0.00	33.09 1.38 0.00	24.87 0.83 0.00	21.87 0.59 0.00
DUNKIRK___4 23566	-1.83 -0.21 -4.82	4.98 0.05 -2.74	2.53 -0.04 -3.64	1.38 -0.09 -4.00	0.22 -0.11 -3.90	6.91 0.12 -2.95	15.73 0.32 -1.39	14.17 0.30 -2.45	20.60 0.76 -0.10	24.44 1.18 0.00	21.88 1.17 0.00	22.16 1.21 0.00	23.11 1.29 0.00	23.15 1.26 0.00	23.72 1.31 0.00	23.30 1.40 0.00	28.56 1.74 0.00	32.00 1.56 0.00	44.74 1.89 0.00	30.00 1.27 0.00	36.51 1.41 0.00	33.09 1.38 0.00	24.87 0.83 0.00	21.87 0.59 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.01 -0.29 -26.74	17.45 0.09 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.33	22.17 0.60 -7.55	24.86 0.56 -12.88	21.27 1.03 -0.50	24.48 1.22 0.00	21.86 1.14 0.00	22.14 1.19 0.00	23.07 1.26 0.00	23.13 1.24 0.00	23.71 1.28 -0.01	23.13 1.23 0.00	28.23 1.42 0.00	32.17 1.72 0.00	44.95 2.09 0.00	30.05 1.32 0.00	36.73 1.62 0.00	33.12 1.41 0.00	25.23 1.18 0.00	22.24 0.96 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.13 -0.28 -25.84	16.94 0.09 -14.65	18.37 -0.03 -19.47	18.83 -0.08 -21.45	17.17 -0.13 -20.86	19.79 0.16 -15.78	21.89 0.57 -7.30	24.37 0.52 -12.43	21.16 0.94 -0.48	24.36 1.09 0.00	21.74 1.02 0.00	22.02 1.07 0.00	22.92 1.11 0.00	22.99 1.10 0.00	23.57 1.14 -0.01	23.01 1.11 0.00	28.14 1.32 0.00	32.07 1.63 0.00	44.94 2.08 0.00	30.06 1.33 0.00	36.74 1.64 0.00	33.12 1.40 0.00	25.17 1.13 0.00	22.18 0.90 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.18 0.61 -7.55	24.85 0.55 -12.88	21.24 1.00 -0.50	24.40 1.13 0.00	21.79 1.07 0.00	22.08 1.13 0.00	23.00 1.19 0.00	23.06 1.16 0.00	23.63 1.20 -0.01	23.05 1.15 0.00	28.11 1.29 0.00	32.01 1.56 0.00	44.78 1.93 0.00	29.97 1.25 0.00	36.62 1.52 0.00	33.07 1.35 0.00	25.20 1.15 0.00	22.20 0.91 0.00
E179THST_13_KV_LOAD 356214	19.96 -0.34 -26.74	17.48 0.12 -15.16	19.04 -0.04 -20.14	19.55 -0.11 -22.19	17.86 -0.16 -21.59	20.36 0.19 -16.33	22.23 0.67 -7.55	24.90 0.61 -12.88	21.34 1.10 -0.50	24.51 1.25 0.00	21.89 1.17 0.00	22.19 1.24 0.00	23.11 1.30 0.00	23.17 1.27 0.00	23.74 1.31 -0.01	23.16 1.27 0.00	28.26 1.44 0.00	32.17 1.72 0.00	44.99 2.14 0.00	30.13 1.40 0.00	36.80 1.69 0.00	33.23 1.51 0.00	25.31 1.26 0.00	22.29 1.00 0.00
EAST HAMPTON___GT 23717	19.77 -0.54 -26.75	17.51 0.15 -15.17	19.01 -0.08 -20.15	19.47 -0.20 -22.20	17.67 -0.36 -21.59	20.58 0.40 -16.33	22.73 1.16 -7.55	25.36 1.06 -12.88	22.10 1.85 -0.50	25.35 2.08 0.00	22.56 1.84 0.00	22.83 1.88 0.00	23.92 2.12 0.00	23.63 1.74 0.00	24.19 1.76 -0.01	23.62 1.73 0.00	28.97 2.15 0.00	33.23 2.78 0.00	46.56 3.71 0.00	31.17 2.44 0.00	38.16 3.05 0.00	34.37 2.66 0.00	23.19 2.22 3.08	21.94 2.06 1.40
EAST RIVER___6 23660	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.18 0.61 -7.55	24.86 0.57 -12.88	21.28 1.04 -0.50	24.52 1.26 0.00	21.89 1.17 0.00	22.18 1.23 0.00	23.10 1.29 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.18 1.29 0.00	28.27 1.46 0.00	32.19 1.75 0.00	44.94 2.09 0.00	30.04 1.32 0.00	36.71 1.60 0.00	33.13 1.41 0.00	25.26 1.22 0.00	22.28 1.00 0.00

EAST RIVER___7 23524	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.18 0.61 -7.55	24.86 0.57 -12.88	21.28 1.04 -0.50	24.52 1.26 0.00	21.89 1.17 0.00	22.18 1.23 0.00	23.10 1.29 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.18 1.29 0.00	28.27 1.46 0.00	32.19 1.75 0.00	44.94 2.09 0.00	30.04 1.32 0.00	36.71 1.60 0.00	33.13 1.41 0.00	25.26 1.22 0.00	22.28 1.00 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.96 -0.29 -26.69	17.42 0.09 -15.13	19.01 -0.04 -20.10	19.53 -0.09 -22.15	17.84 -0.14 -21.54	20.30 0.17 -16.29	22.14 0.59 -7.53	24.81 0.54 -12.85	21.23 0.99 -0.50	24.43 1.16 0.00	21.81 1.10 0.00	22.09 1.14 0.00	23.02 1.21 0.00	23.09 1.19 0.00	23.66 1.23 -0.01	23.08 1.18 0.00	28.17 1.35 0.00	32.10 1.66 0.00	44.88 2.03 0.00	30.01 1.28 0.00	36.68 1.57 0.00	33.07 1.35 0.00	25.18 1.13 0.00	22.20 0.92 0.00
EAST_HAMPTON___DIESEL 23722	19.77 -0.54 -26.75	17.51 0.15 -15.17	19.01 -0.08 -20.15	19.47 -0.20 -22.20	17.67 -0.36 -21.59	20.58 0.40 -16.33	22.73 1.16 -7.55	25.36 1.06 -12.88	22.10 1.86 -0.50	25.35 2.08 0.00	22.56 1.85 0.00	22.84 1.89 0.00	23.93 2.13 0.00	23.65 1.75 0.00	24.20 1.77 -0.01	23.64 1.74 0.00	28.99 2.17 0.00	33.24 2.79 0.00	46.59 3.74 0.00	31.18 2.45 0.00	38.16 3.05 0.00	34.38 2.66 0.00	23.19 2.22 3.08	21.94 2.06 1.40
EAST_PULASKI___ESR 323781	-4.97 0.07 -1.40	3.36 -0.03 -1.20	0.54 0.01 -1.59	-0.75 0.03 -1.75	-1.82 0.04 -1.70	5.11 -0.03 -1.29	13.90 -0.11 0.01	12.32 -0.14 -1.05	19.49 -0.29 -0.04	22.88 -0.39 0.00	20.31 -0.41 0.00	20.56 -0.39 0.00	21.44 -0.37 0.00	21.54 -0.35 0.00	22.05 -0.37 0.00	21.55 -0.35 0.00	26.98 -0.44 -0.59	34.48 -0.55 -4.59	42.23 -0.62 0.00	28.45 -0.28 0.00	34.96 -0.17 -0.02	31.71 -0.03 -0.02	23.96 -0.09 0.00	21.19 -0.09 0.00
EAST_RIVER___1 323558	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.32	22.19 0.61 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.50 1.24 0.00	21.88 1.16 0.00	22.16 1.21 0.00	23.11 1.30 0.00	23.17 1.28 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.18 1.74 0.00	44.94 2.08 0.00	30.06 1.33 0.00	36.71 1.61 0.00	33.11 1.40 0.00	25.25 1.20 0.00	22.26 0.97 0.00
EAST_RIVER___2 323559	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.18 0.61 -7.55	24.86 0.57 -12.88	21.28 1.04 -0.50	24.52 1.26 0.00	21.89 1.17 0.00	22.18 1.23 0.00	23.10 1.29 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.18 1.29 0.00	28.27 1.46 0.00	32.19 1.75 0.00	44.94 2.09 0.00	30.04 1.32 0.00	36.71 1.60 0.00	33.13 1.41 0.00	25.26 1.22 0.00	22.28 1.00 0.00
EAST___DELAWARE_HYD 23607	17.42 -0.12 -23.98	15.82 0.03 -13.60	17.00 -0.01 -18.06	17.35 -0.02 -19.90	15.76 -0.04 -19.36	18.55 0.07 -14.64	21.13 0.33 -6.77	23.80 0.73 -11.65	21.48 1.29 -0.45	24.87 1.60 0.00	22.31 1.59 0.00	22.61 1.66 0.00	23.41 1.59 0.00	23.13 1.23 0.00	23.69 1.27 0.00	23.21 1.32 0.00	28.44 1.62 0.00	32.77 2.32 0.00	46.23 3.38 0.00	30.63 1.90 0.00	37.57 2.46 0.00	33.68 1.97 0.00	25.71 1.66 0.00	22.51 1.23 0.00
EIGHT_POINT___WT_PWR 323820	-0.95 -0.22 -5.72	5.46 0.03 -3.24	3.24 -0.01 -4.31	2.21 -0.01 -4.75	1.05 -0.01 -4.62	7.37 0.04 -3.49	15.81 0.16 -1.62	14.48 0.21 -2.85	20.48 0.62 -0.11	24.19 0.92 0.00	21.60 0.88 0.00	21.79 0.84 0.00	22.67 0.85 0.00	22.84 0.94 0.00	23.36 0.94 0.00	22.92 1.03 0.00	28.26 1.44 0.00	31.66 1.21 0.00	44.45 1.59 0.00	29.90 1.17 0.00	36.39 1.28 0.00	32.76 1.04 0.00	24.59 0.55 0.00	21.50 0.22 0.00
ELBRIDGE_115KV_TB2 80188	-3.41 -0.02 -3.05	3.93 0.00 -1.73	1.23 0.00 -2.29	-0.01 -0.01 -2.53	-1.11 -0.01 -2.46	5.72 0.02 -1.86	14.94 0.06 -0.86	12.95 0.02 -1.51	19.82 0.02 -0.06	23.29 0.02 0.00	20.72 0.01 0.00	20.93 -0.02 0.00	21.77 -0.04 0.00	21.88 -0.02 0.00	22.42 0.00 0.00	21.93 0.04 0.00	26.92 0.10 0.00	30.54 0.10 0.00	43.05 0.20 0.00	28.82 0.09 0.00	35.22 0.10 -0.02	31.83 0.10 -0.02	24.03 -0.02 0.00	21.28 0.00 0.00
ELEC_TRO_TEK 24086	20.03 -0.28 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.09 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.19 0.61 -7.55	24.89 0.59 -12.88	21.28 1.04 -0.50	24.48 1.21 0.00	21.87 1.15 0.00	22.13 1.18 0.00	23.13 1.31 -0.01	23.10 1.20 -0.01	23.65 1.22 -0.01	23.05 1.16 0.00	28.14 1.32 0.00	32.13 1.68 0.00	44.88 2.03 0.00	30.02 1.29 0.00	36.77 1.66 0.00	33.17 1.45 0.00	38.82 1.34 -13.44	28.53 1.13 -6.12
ELLENBURG_WT_PWR 323604	-15.39 0.88 9.83	2.34 -0.18 -0.32	-0.52 0.11 -0.43	-1.81 0.25 -0.47	-2.79 0.32 -0.46	3.73 -0.46 -0.35	3.52 -1.76 8.74	10.29 -1.41 -0.28	17.40 -2.35 -0.01	20.80 -2.47 0.00	18.38 -2.34 0.00	18.52 -2.43 0.00	19.64 -2.17 0.00	19.70 -2.20 0.00	19.85 -2.57 0.00	19.16 -2.73 0.01	16.59 -3.30 6.93	-26.63 -3.63 53.45	38.61 -4.24 0.00	25.78 -2.95 0.00	31.74 -3.36 0.00	29.46 -2.26 0.00	22.65 -1.40 0.00	19.78 -1.50 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	-2.05 -0.19 -4.58	4.83 0.04 -2.60	2.35 -0.04 -3.45	1.18 -0.10 -3.81	0.03 -0.11 -3.70	6.70 0.06 -2.80	15.47 0.15 -1.30	13.82 0.10 -2.30	20.10 0.27 -0.09	23.75 0.48 0.00	21.22 0.50 0.00	21.43 0.48 0.00	22.39 0.57 0.00	22.51 0.61 0.00	23.03 0.61 0.00	22.64 0.74 0.00	27.75 0.93 0.00	31.09 0.65 0.00	43.46 0.61 0.00	29.14 0.41 0.00	35.47 0.36 0.00	32.23 0.51 0.00	24.28 0.23 0.00	21.40 0.11 0.00
EMPIRE_CC_1 323656	26.24 -0.06 -32.74	20.79 0.04 -18.56	23.36 -0.02 -24.45	24.35 -0.05 -26.93	22.56 -0.08 -26.20	23.71 0.06 -19.81	23.44 0.26 -9.16	27.30 0.20 -15.68	20.62 0.27 -0.61	23.54 0.27 0.00	21.00 0.28 0.00	21.31 0.36 0.00	22.23 0.41 0.00	22.31 0.41 0.00	22.79 0.42 0.05	22.09 0.20 0.00	26.90 0.09 0.00	30.93 0.48 0.00	43.46 0.61 0.00	29.16 0.43 0.00	35.68 0.57 0.00	32.08 0.36 0.00	24.36 0.31 0.00	21.61 0.32 0.00
EMPIRE_CC_2 323658	26.24 -0.06 -32.74	20.79 0.04 -18.56	23.36 -0.02 -24.45	24.35 -0.05 -26.93	22.56 -0.08 -26.20	23.71 0.06 -19.81	23.44 0.26 -9.16	27.30 0.20 -15.68	20.62 0.27 -0.61	23.54 0.27 0.00	21.00 0.28 0.00	21.31 0.36 0.00	22.23 0.41 0.00	22.31 0.41 0.00	22.79 0.42 0.05	22.09 0.20 0.00	26.90 0.09 0.00	30.93 0.48 0.00	43.46 0.61 0.00	29.16 0.43 0.00	35.68 0.57 0.00	32.08 0.36 0.00	24.36 0.31 0.00	21.61 0.32 0.00
ENORWICH_115KV_TB1 80156	1.51 -0.36 -8.32	7.03 0.12 -4.72	5.15 -0.05 -6.27	4.25 -0.12 -6.91	2.98 -0.18 -6.72	9.15 0.23 -5.08	17.28 0.90 -2.36	16.68 0.73 -4.54	21.12 1.21 -0.18	24.59 1.32 0.00	21.82 1.10 0.00	22.05 1.10 0.00	22.99 1.18 0.00	23.15 1.25 0.00	23.74 1.32 0.00	23.24 1.34 0.00	28.70 1.88 0.00	32.70 2.25 0.00	46.45 3.60 0.00	31.35 2.62 0.00	38.36 3.24 -0.01	34.54 2.81 -0.01	25.87 1.83 0.00	22.63 1.34 0.00

ERIE_ST__34_KV_TB1-2 80199	-1.92 -0.23 -4.75	4.95 0.06 -2.70	2.48 -0.04 -3.58	1.31 -0.11 -3.95	0.15 -0.13 -3.84	6.84 0.09 -2.90	15.62 0.25 -1.35	13.99 0.20 -2.37	20.33 0.50 -0.09	23.99 0.73 0.00	21.44 0.72 0.00	21.68 0.73 0.00	22.66 0.85 0.00	22.76 0.86 0.00	23.30 0.88 0.00	22.91 1.01 0.00	28.11 1.29 0.00	31.50 1.06 0.00	44.06 1.21 0.00	29.53 0.80 0.00	35.96 0.86 0.00	32.61 0.89 0.00	24.54 0.49 0.00	21.60 0.31 0.00
ERIE_WT_PWR 323693	-1.96 -0.22 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.10 -0.12 -3.79	6.79 0.08 -2.87	15.57 0.22 -1.33	13.91 0.15 -2.34	20.19 0.36 -0.09	23.85 0.58 0.00	21.32 0.60 0.00	21.54 0.59 0.00	22.50 0.69 0.00	22.62 0.72 0.00	23.14 0.73 0.00	22.76 0.86 0.00	27.91 1.10 0.00	31.28 0.83 0.00	43.74 0.89 0.00	29.32 0.59 0.00	35.70 0.60 0.00	32.44 0.72 0.00	24.40 0.35 0.00	21.50 0.21 0.00
ESPRGFLD_115KV_TB1 80157	-11.69 -0.36 4.89	-0.44 0.13 2.77	-4.82 -0.05 3.71	-6.75 -0.13 4.09	-7.71 -0.18 3.98	1.07 0.24 3.01	13.47 0.84 1.39	9.86 0.70 2.25	20.89 1.24 0.09	24.79 1.52 0.00	22.02 1.30 0.00	22.23 1.28 0.00	23.17 1.35 0.00	23.24 1.34 0.00	23.74 1.33 0.01	23.29 1.39 0.00	28.59 1.77 0.00	32.42 1.98 0.00	45.52 2.67 0.00	30.55 1.82 0.00	37.28 2.18 0.00	33.81 2.09 0.00	25.55 1.50 0.00	22.55 1.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	-0.48 -0.17 -6.13	5.72 0.05 -3.47	3.53 -0.03 -4.62	2.49 -0.07 -5.09	1.30 -0.09 -4.95	7.70 0.12 -3.74	16.16 0.40 -1.74	14.81 0.30 -3.09	20.38 0.52 -0.12	23.83 0.56 0.00	21.18 0.46 0.00	21.38 0.43 0.00	22.23 0.42 0.00	22.36 0.46 0.00	22.92 0.50 0.00	22.43 0.53 0.00	27.61 0.80 0.00	31.33 0.88 0.00	44.29 1.44 0.00	29.75 1.02 0.00	36.36 1.25 -0.01	32.83 1.10 -0.01	24.73 0.68 0.00	21.80 0.51 0.00
ETNA____115KV_TB2 80207	-0.48 -0.17 -6.13	5.72 0.05 -3.47	3.53 -0.03 -4.62	2.49 -0.07 -5.09	1.30 -0.09 -4.95	7.70 0.12 -3.74	16.16 0.40 -1.74	14.81 0.30 -3.09	20.38 0.52 -0.12	23.83 0.56 0.00	21.18 0.46 0.00	21.38 0.43 0.00	22.23 0.42 0.00	22.36 0.46 0.00	22.92 0.50 0.00	22.43 0.53 0.00	27.61 0.80 0.00	31.33 0.88 0.00	44.29 1.44 0.00	29.75 1.02 0.00	36.36 1.25 -0.01	32.83 1.10 -0.01	24.73 0.68 0.00	21.80 0.51 0.00
EUCLID____115KV_TB2 356179	-4.19 0.02 -2.23	3.56 -0.02 -1.38	0.77 0.00 -1.83	-0.50 0.01 -2.02	-1.58 0.02 -1.96	5.31 -0.01 -1.49	14.47 -0.07 -0.51	12.54 -0.08 -1.20	19.68 -0.10 -0.05	23.18 -0.09 0.00	20.64 -0.08 0.00	20.87 -0.08 0.00	21.70 -0.11 0.00	21.82 -0.08 0.00	22.36 -0.06 0.00	21.78 -0.11 0.00	26.65 -0.17 0.00	30.20 -0.25 0.00	42.51 -0.34 0.00	28.52 -0.21 0.00	34.81 -0.30 -0.01	31.47 -0.25 -0.01	23.80 -0.24 0.00	21.11 -0.17 0.00
E_CANADA_CAP_HY 24051	35.58 -0.45 -42.48	26.44 0.16 -24.08	30.86 -0.07 -31.99	32.54 -0.17 -35.24	30.49 -0.23 -34.28	30.05 0.28 -25.92	27.09 1.07 -11.99	32.94 0.89 -20.63	22.05 1.50 -0.80	25.10 1.83 0.00	22.22 1.50 0.00	22.44 1.49 0.00	23.40 1.59 0.00	23.46 1.57 0.00	23.93 1.52 0.01	23.44 1.54 0.00	28.74 1.93 0.00	32.75 2.30 0.00	45.99 3.14 0.00	30.91 2.18 0.00	37.74 2.64 0.00	34.29 2.58 0.00	25.94 1.90 0.00	22.94 1.65 0.00
E_CANADA_MHWK_HY 24050	-6.33 0.11 0.00	2.15 -0.05 0.00	-1.04 0.02 0.00	-2.49 0.04 0.00	-3.53 0.04 0.00	3.81 -0.03 0.00	13.95 -0.07 0.00	11.29 -0.12 0.00	19.47 -0.27 0.00	22.78 -0.48 0.00	20.37 -0.35 0.00	20.63 -0.32 0.00	21.44 -0.37 0.00	21.54 -0.36 0.00	22.13 -0.29 0.00	21.52 -0.37 0.00	26.44 -0.37 0.00	30.07 -0.37 0.00	42.61 -0.24 0.00	28.59 -0.14 0.00	34.91 -0.20 0.00	31.36 -0.36 0.00	23.72 -0.33 0.00	20.93 -0.35 0.00
E_FISHKILL____LBMP 23776	20.57 -0.25 -27.26	17.73 0.08 -15.45	19.44 -0.03 -20.53	20.01 -0.08 -22.62	18.32 -0.12 -22.00	20.63 0.15 -16.64	22.24 0.52 -7.69	25.03 0.48 -13.13	21.12 0.87 -0.51	24.27 1.00 0.00	21.67 0.95 0.00	21.94 0.99 0.00	22.85 1.04 0.00	22.91 1.02 0.00	23.48 1.05 -0.01	22.90 1.01 0.00	27.97 1.16 0.00	31.89 1.44 0.00	44.65 1.81 0.00	29.87 1.14 0.00	36.51 1.41 0.00	32.92 1.21 0.00	25.05 1.00 0.00	22.10 0.82 0.00
FALCON____SEABRD_CC1 323796	-15.45 0.80 9.81	2.37 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.82 0.28 -0.46	3.77 -0.42 -0.35	3.71 -1.59 8.72	10.43 -1.27 -0.28	17.63 -2.12 -0.01	21.09 -2.18 0.00	18.63 -2.09 0.00	18.76 -2.19 0.00	19.88 -1.93 0.00	19.95 -1.94 0.00	20.14 -2.28 0.00	19.41 -2.48 0.01	16.88 -2.98 6.95	-26.40 -3.24 53.60	39.20 -3.65 0.00	26.14 -2.59 0.00	32.20 -2.91 0.00	29.87 -1.85 0.00	22.94 -1.10 0.00	20.04 -1.24 0.00
FALCON____SEABRD_CC2 323797	-15.45 0.80 9.81	2.37 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.82 0.28 -0.46	3.77 -0.42 -0.35	3.71 -1.59 8.72	10.43 -1.27 -0.28	17.63 -2.12 -0.01	21.09 -2.18 0.00	18.63 -2.09 0.00	18.76 -2.19 0.00	19.88 -1.93 0.00	19.95 -1.94 0.00	20.14 -2.28 0.00	19.41 -2.48 0.01	16.88 -2.98 6.95	-26.40 -3.24 53.60	39.20 -3.65 0.00	26.14 -2.59 0.00	32.20 -2.91 0.00	29.87 -1.85 0.00	22.94 -1.10 0.00	20.04 -1.24 0.00
FAR ROCKAWAY____4 23548	19.96 -0.35 -26.75	17.47 0.11 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.83 -0.20 -21.59	20.40 0.23 -16.33	22.35 0.78 -7.55	25.01 0.71 -12.88	21.50 1.26 -0.50	24.73 1.46 0.00	22.10 1.38 0.00	22.37 1.42 0.00	23.39 1.54 -0.04	23.34 1.42 -0.02	23.91 1.46 -0.02	23.30 1.41 0.00	28.44 1.63 0.00	32.48 2.04 0.00	45.42 2.57 0.00	30.37 1.64 0.00	37.22 2.11 0.00	33.59 1.86 -0.01	62.95 1.61 -37.29	39.61 1.35 -16.98
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.98 -0.32 -26.74	17.46 0.10 -15.16	19.04 -0.04 -20.14	19.56 -0.09 -22.19	17.87 -0.15 -21.59	20.34 0.17 -16.32	22.20 0.63 -7.55	24.88 0.58 -12.88	21.31 1.07 -0.50	24.53 1.26 0.00	21.90 1.19 0.00	22.19 1.24 0.00	23.13 1.32 0.00	23.19 1.30 0.00	23.78 1.35 -0.01	23.19 1.30 0.00	28.30 1.48 0.00	32.21 1.77 0.00	44.98 2.13 0.00	30.10 1.36 0.00	36.76 1.65 0.00	33.15 1.43 0.00	25.27 1.23 0.00	22.28 0.99 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.98 -0.32 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.32	22.21 0.63 -7.55	24.88 0.58 -12.88	21.31 1.07 -0.50	24.53 1.26 0.00	21.90 1.19 0.00	22.19 1.24 0.00	23.13 1.32 0.00	23.19 1.30 0.00	23.78 1.35 -0.01	23.19 1.30 0.00	28.30 1.48 0.00	32.22 1.77 0.00	44.99 2.14 0.00	30.10 1.36 0.00	36.76 1.65 0.00	33.15 1.44 0.00	25.28 1.23 0.00	22.28 0.99 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.98 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.87 -0.15 -21.59	20.34 0.17 -16.32	22.20 0.63 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.52 1.25 0.00	21.89 1.17 0.00	22.17 1.23 0.00	23.12 1.30 0.00	23.18 1.29 0.00	23.77 1.34 -0.01	23.18 1.28 0.00	28.27 1.46 0.00	32.20 1.75 0.00	44.96 2.11 0.00	30.07 1.34 0.00	36.72 1.62 0.00	33.12 1.40 0.00	25.25 1.21 0.00	22.26 0.97 0.00

FULTON___LFGE 323630	32.86 -0.65 -39.96	25.07 0.22 -22.66	28.92 -0.10 -30.08	30.37 -0.24 -33.15	28.34 -0.34 -32.24	28.62 0.40 -24.38	26.84 1.55 -11.28	31.91 1.10 -19.39	22.25 1.76 -0.76	25.17 1.90 0.00	22.23 1.52 0.00	22.43 1.49 0.00	23.43 1.61 0.00	23.48 1.58 0.00	23.98 1.57 0.01	23.53 1.63 0.00	28.97 2.15 0.00	33.27 2.82 0.00	47.10 4.25 0.00	31.78 3.05 0.00	38.87 3.77 0.00	35.13 3.42 0.00	26.46 2.42 0.00	23.32 2.04 0.00
G.F.CEMENT___DRP 24184	28.33 -0.46 -35.23	22.32 0.14 -19.98	25.37 -0.07 -26.50	26.50 -0.17 -29.20	24.57 -0.27 -28.40	25.59 0.27 -21.48	24.99 1.03 -9.93	29.27 0.82 -17.03	21.75 1.35 -0.66	25.00 1.73 0.00	22.19 1.48 0.00	22.42 1.47 0.00	23.29 1.48 0.00	23.39 1.49 0.00	24.07 1.67 0.02	23.61 1.72 0.00	28.93 2.11 0.00	33.04 2.59 0.00	46.83 3.98 0.00	31.23 2.50 0.00	38.19 3.09 0.00	34.38 2.66 0.00	26.01 1.97 0.00	22.94 1.65 0.00
GARDENVILLE___LBMP 24039	-1.97 -0.20 -4.68	4.89 0.04 -2.65	2.42 -0.04 -3.52	1.25 -0.10 -3.88	0.10 -0.11 -3.77	6.76 0.07 -2.85	15.51 0.17 -1.32	13.87 0.12 -2.33	20.15 0.31 -0.09	23.80 0.54 0.00	21.27 0.55 0.00	21.49 0.54 0.00	22.44 0.63 0.00	22.56 0.67 0.00	23.10 0.68 0.00	22.70 0.81 0.00	27.83 1.01 0.00	31.19 0.74 0.00	43.59 0.74 0.00	29.23 0.50 0.00	35.58 0.48 0.00	32.32 0.60 0.00	24.34 0.30 0.00	21.44 0.16 0.00
GARDNVLA_35_KV_LD 355827	-1.96 -0.22 -4.70	4.91 0.05 -2.67	2.44 -0.04 -3.54	1.26 -0.11 -3.90	0.11 -0.12 -3.80	6.79 0.08 -2.87	15.57 0.22 -1.33	13.92 0.16 -2.34	20.22 0.39 -0.09	23.89 0.62 0.00	21.35 0.63 0.00	21.57 0.62 0.00	22.53 0.72 0.00	22.66 0.76 0.00	23.19 0.77 0.00	22.81 0.91 0.00	27.97 1.16 0.00	31.34 0.90 0.00	43.83 0.98 0.00	29.38 0.65 0.00	35.76 0.66 0.00	32.49 0.78 0.00	24.46 0.42 0.00	21.53 0.24 0.00
GELCKHM___115KV_LOAD 80723	-4.04 0.00 -2.41	3.66 -0.01 -1.47	0.90 0.00 -1.96	-0.37 0.00 -2.16	-1.46 0.00 -2.10	5.43 0.00 -1.59	14.58 -0.01 -0.57	12.67 -0.04 -1.29	19.75 -0.04 -0.05	23.25 -0.02 0.00	20.70 -0.01 0.00	20.94 -0.01 0.00	21.79 -0.02 0.00	21.90 0.00 0.00	22.45 0.03 0.00	21.90 0.00 0.00	26.82 0.00 0.00	30.40 -0.05 0.00	42.81 -0.04 0.00	28.69 -0.04 0.00	35.04 -0.07 -0.01	31.66 -0.07 -0.01	23.94 -0.11 0.00	21.21 -0.07 0.00
GENERAL___MILLS 23808	-1.96 -0.21 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.11 -0.12 -3.79	6.78 0.08 -2.87	15.55 0.20 -1.33	13.90 0.14 -2.34	20.18 0.35 -0.09	23.83 0.56 0.00	21.30 0.58 0.00	21.52 0.57 0.00	22.48 0.67 0.00	22.60 0.71 0.00	23.13 0.71 0.00	22.75 0.85 0.00	27.89 1.07 0.00	31.26 0.81 0.00	43.70 0.85 0.00	29.30 0.57 0.00	35.67 0.57 0.00	32.40 0.69 0.00	24.40 0.35 0.00	21.49 0.20 0.00
GE_PLASTICS___DRP 24183	27.39 -0.08 -33.91	21.45 0.03 -19.23	24.43 -0.02 -25.51	25.53 -0.04 -28.11	23.72 -0.06 -27.33	24.56 0.04 -20.67	23.80 0.22 -9.56	27.96 0.18 -16.36	20.65 0.27 -0.64	23.55 0.28 0.00	20.99 0.27 0.00	21.26 0.30 0.00	22.15 0.34 0.00	22.23 0.33 0.00	22.76 0.35 0.01	22.16 0.26 0.00	27.09 0.27 0.00	30.91 0.46 0.00	43.51 0.65 0.00	29.17 0.44 0.00	35.67 0.57 0.00	32.15 0.43 0.00	24.39 0.34 0.00	21.57 0.29 0.00
GILBOA___1 23756	20.48 -0.13 -27.04	17.58 0.04 -15.33	19.31 -0.03 -20.39	19.88 -0.06 -22.47	18.22 -0.07 -21.85	20.45 0.08 -16.52	21.96 0.29 -7.64	24.76 0.25 -13.09	20.69 0.44 -0.51	23.77 0.50 0.00	21.18 0.47 0.00	21.43 0.48 0.00	22.30 0.49 0.00	22.36 0.46 0.00	22.91 0.49 0.00	22.35 0.45 0.00	27.33 0.51 0.00	30.98 0.53 0.00	43.58 0.72 0.00	29.24 0.52 0.00	35.74 0.64 0.00	32.26 0.54 0.00	24.50 0.45 0.00	21.67 0.38 0.00
GILBOA___2 23757	20.48 -0.13 -27.04	17.58 0.04 -15.33	19.31 -0.03 -20.39	19.88 -0.06 -22.47	18.22 -0.07 -21.85	20.45 0.08 -16.52	21.96 0.29 -7.64	24.76 0.25 -13.09	20.69 0.44 -0.51	23.77 0.50 0.00	21.18 0.47 0.00	21.43 0.48 0.00	22.30 0.49 0.00	22.36 0.46 0.00	22.91 0.49 0.00	22.35 0.45 0.00	27.33 0.51 0.00	30.98 0.53 0.00	43.58 0.72 0.00	29.24 0.52 0.00	35.74 0.64 0.00	32.26 0.54 0.00	24.50 0.45 0.00	21.67 0.38 0.00
GILBOA___3 23758	20.48 -0.13 -27.04	17.58 0.04 -15.33	19.31 -0.03 -20.39	19.88 -0.06 -22.47	18.22 -0.07 -21.85	20.45 0.08 -16.52	21.96 0.29 -7.64	24.76 0.25 -13.09	20.69 0.44 -0.51	23.77 0.50 0.00	21.18 0.47 0.00	21.43 0.48 0.00	22.30 0.49 0.00	22.36 0.46 0.00	22.91 0.49 0.00	22.35 0.45 0.00	27.33 0.51 0.00	30.98 0.53 0.00	43.58 0.72 0.00	29.24 0.52 0.00	35.74 0.64 0.00	32.26 0.54 0.00	24.50 0.45 0.00	21.67 0.38 0.00
GILBOA___4 23759	20.48 -0.13 -27.04	17.58 0.04 -15.33	19.31 -0.03 -20.39	19.88 -0.06 -22.47	18.22 -0.07 -21.85	20.45 0.08 -16.52	21.96 0.29 -7.64	24.76 0.25 -13.09	20.69 0.44 -0.51	23.77 0.50 0.00	21.18 0.47 0.00	21.43 0.48 0.00	22.30 0.49 0.00	22.36 0.46 0.00	22.91 0.49 0.00	22.35 0.45 0.00	27.33 0.51 0.00	30.98 0.53 0.00	43.58 0.72 0.00	29.24 0.52 0.00	35.74 0.64 0.00	32.26 0.54 0.00	24.50 0.45 0.00	21.67 0.38 0.00
GILBOA___ 23599	20.48 -0.13 -27.04	17.58 0.05 -15.33	19.31 -0.03 -20.39	19.88 -0.06 -22.47	18.22 -0.07 -21.85	20.45 0.08 -16.52	21.96 0.29 -7.64	24.76 0.25 -13.09	20.69 0.43 -0.51	23.77 0.50 0.00	21.18 0.47 0.00	21.42 0.48 0.00	22.30 0.49 0.00	22.36 0.46 0.00	22.91 0.48 0.00	22.35 0.45 0.00	27.33 0.51 0.00	30.98 0.53 0.00	43.58 0.73 0.00	29.24 0.52 0.00	35.74 0.64 0.00	32.26 0.54 0.00	24.50 0.45 0.00	21.67 0.39 0.00
GINNA___ 23603	-2.95 0.17 -3.32	4.00 -0.07 -1.88	1.46 0.02 -2.50	0.28 0.06 -2.75	-0.79 0.09 -2.68	5.73 -0.14 -2.03	14.47 -0.49 -0.94	12.55 -0.51 -1.64	18.82 -0.98 -0.06	22.19 -1.08 0.00	19.78 -0.93 0.00	19.97 -0.98 0.00	20.88 -0.93 0.00	21.13 -0.77 0.00	21.57 -0.85 0.00	21.16 -0.74 0.00	25.95 -0.86 0.00	29.34 -1.11 0.00	41.59 -1.27 0.00	27.78 -0.96 0.00	33.82 -1.28 0.00	30.64 -1.08 0.00	23.10 -0.94 0.00	20.41 -0.87 0.00
GLEN PARK___ 23778	-6.84 0.10 0.50	3.05 -0.06 -0.90	0.15 0.01 -1.20	-1.17 0.04 -1.33	-2.23 0.05 -1.29	4.82 0.00 -0.98	12.67 -0.01 1.34	12.03 -0.18 -0.79	19.27 -0.50 -0.03	22.53 -0.74 0.00	19.86 -0.86 0.00	20.16 -0.79 0.00	21.24 -0.57 0.00	21.35 -0.55 0.00	21.75 -0.67 0.00	21.30 -0.59 0.00	27.86 -0.70 -1.74	43.08 -0.82 -13.46	42.31 -0.54 0.00	28.83 0.10 0.00	36.07 0.95 -0.01	32.89 1.16 -0.01	24.83 0.78 0.00	21.74 0.45 0.00
GLENDALE_27_KV_LOAD 356172	19.96 -0.34 -26.74	17.47 0.12 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.86 -0.16 -21.59	20.36 0.19 -16.33	22.26 0.69 -7.55	24.93 0.63 -12.88	21.40 1.16 -0.50	24.62 1.35 0.00	21.99 1.27 0.00	22.29 1.34 0.00	23.23 1.42 0.00	23.29 1.40 0.00	23.88 1.45 -0.01	23.30 1.40 0.00	28.43 1.61 0.00	32.35 1.91 0.00	45.14 2.28 0.00	30.21 1.48 0.00	36.88 1.78 0.00	33.27 1.56 0.00	25.37 1.32 0.00	22.34 1.05 0.00

GLENWOOD_IC_1_G5 23712	19.99 -0.31 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.86 -0.17 -21.59	20.36 0.19 -16.33	22.24 0.67 -7.55	24.92 0.63 -12.88	21.37 1.13 -0.50	24.59 1.32 0.00	21.98 1.26 0.00	22.25 1.30 0.00	23.24 1.42 -0.01	23.25 1.35 0.00	23.82 1.39 -0.01	23.23 1.33 0.00	28.34 1.53 0.00	32.12 1.67 0.00	44.87 2.02 0.00	30.02 1.29 0.00	36.92 1.82 0.00	33.34 1.62 0.00	31.23 1.38 -5.80	25.07 1.15 -2.64
GLENWOOD_IC_2_G1 23688	20.01 -0.29 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.09 -22.20	17.88 -0.15 -21.59	20.35 0.18 -16.33	22.19 0.62 -7.55	24.88 0.58 -12.88	21.29 1.05 -0.50	24.49 1.23 0.00	21.90 1.18 0.00	22.17 1.22 0.00	23.13 1.32 0.00	23.16 1.26 0.00	23.72 1.29 -0.01	23.14 1.25 0.00	28.25 1.43 0.00	32.19 1.74 0.00	44.97 2.12 0.00	30.09 1.36 0.00	36.82 1.71 0.00	33.20 1.48 0.00	25.32 1.27 0.00	22.33 1.04 0.00
GLENWOOD_IC_3_G1 23689	20.01 -0.29 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.09 -22.20	17.88 -0.15 -21.59	20.35 0.18 -16.33	22.19 0.62 -7.55	24.88 0.58 -12.88	21.29 1.05 -0.50	24.49 1.23 0.00	21.90 1.18 0.00	22.17 1.22 0.00	23.13 1.32 0.00	23.16 1.26 0.00	23.72 1.29 -0.01	23.14 1.25 0.00	28.25 1.43 0.00	32.19 1.74 0.00	44.97 2.12 0.00	30.09 1.36 0.00	36.82 1.71 0.00	33.20 1.48 0.00	25.32 1.27 0.00	22.33 1.04 0.00
GLENWOOD___4 23550	19.99 -0.31 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.86 -0.17 -21.59	20.36 0.19 -16.33	22.24 0.67 -7.55	24.92 0.63 -12.88	21.37 1.13 -0.50	24.59 1.32 0.00	21.98 1.26 0.00	22.25 1.30 0.00	23.24 1.42 -0.01	23.25 1.35 0.00	23.82 1.39 -0.01	23.23 1.33 0.00	28.35 1.53 0.00	32.20 1.75 0.00	44.99 2.14 0.00	30.09 1.36 0.00	36.95 1.84 0.00	33.34 1.62 0.00	31.23 1.38 -5.80	25.07 1.15 -2.64
GLENWOOD___5 23614	19.99 -0.31 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.86 -0.17 -21.59	20.36 0.19 -16.33	22.24 0.67 -7.55	24.92 0.63 -12.88	21.37 1.13 -0.50	24.59 1.32 0.00	21.98 1.26 0.00	22.25 1.30 0.00	23.24 1.42 -0.01	23.25 1.35 0.00	23.82 1.39 -0.01	23.23 1.33 0.00	28.35 1.53 0.00	32.20 1.75 0.00	44.99 2.14 0.00	30.09 1.36 0.00	36.95 1.84 0.00	33.34 1.62 0.00	31.23 1.38 -5.80	25.07 1.15 -2.64
GLOBAL GREEN_PORT_GT1 23814	19.80 -0.51 -26.75	17.50 0.14 -15.17	19.02 -0.07 -20.15	19.48 -0.19 -22.20	17.68 -0.35 -21.59	20.56 0.38 -16.33	22.65 1.08 -7.55	25.31 1.01 -12.88	22.00 1.76 -0.50	25.25 1.99 0.00	22.48 1.76 0.00	22.73 1.78 0.00	23.82 2.01 0.00	23.55 1.65 0.00	24.10 1.67 -0.01	23.53 1.64 0.00	28.86 2.04 0.00	33.08 2.64 0.00	46.37 3.52 0.00	31.04 2.31 0.00	38.04 2.94 0.00	34.26 2.54 0.00	23.10 2.13 3.08	21.86 1.98 1.40
GLOBE___DSASP 323697	-2.22 -0.10 -4.32	4.64 0.00 -2.45	2.17 -0.03 -3.26	0.98 -0.07 -3.59	-0.15 -0.07 -3.49	6.47 -0.01 -2.64	15.02 -0.22 -1.22	13.26 -0.30 -2.13	19.34 -0.48 -0.08	22.80 -0.47 0.00	20.27 -0.45 0.00	20.45 -0.50 0.00	21.41 -0.40 0.00	21.50 -0.40 0.00	21.97 -0.45 0.00	21.59 -0.31 0.00	26.41 -0.41 0.00	29.60 -0.85 0.00	41.30 -1.55 0.00	27.71 -1.02 0.00	33.71 -1.40 0.00	30.73 -0.99 0.00	23.21 -0.84 0.00	20.53 -0.76 0.00
GOETHSLN___LBMP 323567	20.00 -0.29 -26.74	17.45 0.09 -15.16	19.05 -0.03 -20.14	19.58 -0.08 -22.19	17.89 -0.13 -21.59	20.32 0.15 -16.32	22.10 0.53 -7.55	24.78 0.48 -12.88	21.14 0.90 -0.50	24.32 1.05 0.00	21.72 1.01 0.00	22.03 1.08 0.00	22.95 1.14 0.00	23.02 1.12 0.00	23.61 1.18 -0.01	23.03 1.13 0.00	28.10 1.28 0.00	31.97 1.53 0.00	44.65 1.80 0.00	29.87 1.14 0.00	36.50 1.40 0.00	32.93 1.22 0.00	25.12 1.08 0.00	22.15 0.86 0.00
GOLAH___69_KV_TB 1_2 80279	-3.22 -0.22 -3.44	4.21 0.06 -1.95	1.49 -0.04 -2.60	0.22 -0.11 -2.86	-0.93 -0.15 -2.78	6.04 0.10 -2.10	15.35 0.36 -0.97	13.33 0.21 -1.70	20.06 0.25 -0.07	23.63 0.36 0.00	21.06 0.35 0.00	21.21 0.26 0.00	22.12 0.30 0.00	22.23 0.33 0.00	22.77 0.35 0.00	22.35 0.45 0.00	27.42 0.61 0.00	30.97 0.53 0.00	43.50 0.64 0.00	29.25 0.52 0.00	35.66 0.56 0.00	32.32 0.60 0.00	24.39 0.35 0.00	21.49 0.20 0.00
GOODYEAR_LAKE_HYD 323669	-0.14 -0.25 -6.55	6.00 0.09 -3.72	3.83 -0.04 -4.93	2.81 -0.09 -5.43	1.60 -0.12 -5.29	8.00 0.16 -3.99	16.45 0.57 -1.86	15.29 0.45 -3.42	20.70 0.83 -0.13	24.27 1.01 0.00	21.62 0.90 0.00	21.85 0.89 0.00	22.74 0.93 0.00	22.83 0.93 0.00	23.36 0.95 0.00	22.88 0.99 0.00	28.07 1.26 0.00	31.78 1.33 0.00	44.70 1.85 0.00	29.97 1.24 0.00	36.58 1.48 0.00	33.07 1.35 0.00	25.01 0.96 0.00	22.05 0.77 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	2.17 -0.14 -8.75	7.21 0.05 -4.96	5.51 -0.02 -6.60	4.68 -0.06 -7.27	3.44 -0.07 -7.07	9.31 0.12 -5.35	16.81 0.31 -2.48	16.04 0.25 -4.37	20.43 0.52 -0.17	23.90 0.63 0.00	21.27 0.56 0.00	21.48 0.53 0.00	22.29 0.48 0.00	22.42 0.52 0.00	22.97 0.55 0.00	22.48 0.59 0.00	27.64 0.83 0.00	31.09 0.65 0.00	43.77 0.92 0.00	29.37 0.64 0.00	35.91 0.80 -0.01	32.42 0.69 -0.01	24.46 0.41 0.00	21.57 0.28 0.00
GOUDEY___7 23579	2.16 -0.15 -8.75	7.21 0.05 -4.96	5.51 -0.02 -6.60	4.68 -0.06 -7.27	3.43 -0.07 -7.07	9.32 0.13 -5.35	16.82 0.32 -2.48	16.05 0.26 -4.37	20.44 0.53 -0.17	23.92 0.65 0.00	21.29 0.58 0.00	21.50 0.55 0.00	22.31 0.50 0.00	22.44 0.55 0.00	22.99 0.57 0.00	22.50 0.61 0.00	27.67 0.86 0.00	31.12 0.68 0.00	43.81 0.96 0.00	29.40 0.67 0.00	35.94 0.83 -0.01	32.45 0.72 -0.01	24.48 0.44 0.00	21.59 0.31 0.00
GOUDEY___8 23580	2.17 -0.14 -8.75	7.21 0.05 -4.96	5.51 -0.02 -6.60	4.68 -0.06 -7.27	3.44 -0.07 -7.07	9.31 0.12 -5.35	16.81 0.31 -2.48	16.04 0.25 -4.37	20.43 0.52 -0.17	23.90 0.63 0.00	21.27 0.56 0.00	21.48 0.53 0.00	22.29 0.48 0.00	22.42 0.52 0.00	22.97 0.55 0.00	22.48 0.59 0.00	27.64 0.83 0.00	31.09 0.65 0.00	43.77 0.92 0.00	29.37 0.64 0.00	35.91 0.80 -0.01	32.42 0.69 -0.01	24.46 0.41 0.00	21.57 0.28 0.00
GOWANUS_GT1_1 24077	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_2 24078	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00

GOWANUS_GT1_3 24079	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_4 24080	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_5 24084	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_6 24111	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_7 24112	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT1_8 24113	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT2_1 24114	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT2_2 24115	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.																					

GOWANUS_GT3_2 24123	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_3 24124	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_4 24125	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_5 24126	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_6 24127	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_7 24128	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT3_8 24129	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
GOWANUS_GT4_1 24130	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.																					

GREENBSH_115KV_TB3 55895	27.57 -0.03 -34.05	21.52 0.02 -19.30	24.52 -0.01 -25.59	25.63 -0.03 -28.19	23.81 -0.04 -27.41	24.60 0.02 -20.74	23.76 0.15 -9.59	27.96 0.13 -16.42	20.53 0.15 -0.64	23.42 0.15 0.00	20.86 0.14 0.00	21.15 0.20 0.00	22.06 0.25 0.00	22.15 0.26 0.00	22.67 0.27 0.02	22.03 0.13 0.00	26.89 0.07 0.00	30.79 0.34 0.00	43.33 0.48 0.00	29.06 0.33 0.00	35.55 0.45 0.00	32.01 0.29 0.00	24.27 0.23 0.00	21.48 0.19 0.00
GREENDGE_115KV_TB5 80291	-1.18 -0.17 -5.44	5.33 0.04 -3.09	3.01 -0.02 -4.10	1.93 -0.06 -4.52	0.76 -0.07 -4.39	7.27 0.10 -3.32	15.88 0.32 -1.54	14.37 0.24 -2.71	20.34 0.50 -0.10	23.89 0.63 0.00	21.27 0.55 0.00	21.48 0.53 0.00	22.33 0.52 0.00	22.47 0.57 0.00	23.02 0.60 0.00	22.60 0.70 0.00	27.82 1.00 0.00	31.30 0.86 0.00	44.04 1.19 0.00	29.64 0.91 0.00	36.11 1.00 0.00	32.60 0.88 0.00	24.61 0.57 0.00	21.63 0.35 0.00
GREENIDGE___3 23582	-1.18 -0.17 -5.44	5.33 0.04 -3.09	3.01 -0.02 -4.10	1.93 -0.06 -4.52	0.76 -0.07 -4.39	7.27 0.10 -3.32	15.88 0.32 -1.54	14.37 0.24 -2.71	20.34 0.50 -0.10	23.89 0.63 0.00	21.27 0.55 0.00	21.48 0.53 0.00	22.33 0.52 0.00	22.47 0.57 0.00	23.02 0.60 0.00	22.60 0.70 0.00	27.82 1.00 0.00	31.30 0.86 0.00	44.04 1.19 0.00	29.64 0.91 0.00	36.11 1.00 0.00	32.60 0.88 0.00	24.61 0.57 0.00	21.63 0.35 0.00
GREENIDGE___4 23583	-1.18 -0.18 -5.44	5.33 0.04 -3.09	3.01 -0.02 -4.10	1.93 -0.06 -4.52	0.76 -0.07 -4.39	7.27 0.11 -3.32	15.88 0.32 -1.54	14.38 0.25 -2.71	20.34 0.50 -0.10	23.89 0.63 0.00	21.27 0.55 0.00	21.48 0.53 0.00	22.33 0.52 0.00	22.47 0.57 0.00	23.02 0.60 0.00	22.59 0.70 0.00	27.82 1.00 0.00	31.31 0.86 0.00	44.05 1.19 0.00	29.64 0.91 0.00	36.11 1.00 0.00	32.60 0.88 0.00	24.60 0.56 0.00	21.63 0.35 0.00
GREENLWN_69_KV_BK 3 55738	20.03 -0.27 -26.75	17.44 0.07 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.15 0.58 -7.55	24.87 0.57 -12.88	21.25 1.01 -0.50	24.44 1.17 0.00	21.81 1.10 0.00	22.07 1.12 0.00	23.08 1.27 0.00	23.01 1.11 0.00	23.52 1.10 -0.01	22.92 1.02 0.00	27.98 1.17 0.00	31.99 1.55 0.00	44.70 1.84 0.00	29.91 1.18 0.00	36.64 1.53 0.00	33.03 1.32 0.00	22.71 1.28 2.62	21.25 1.15 1.19
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00
GRISSOM___SOLAR 323813	32.86 -0.65 -39.96	25.07 0.22 -22.66	28.92 -0.10 -30.08	30.37 -0.24 -33.15	28.34 -0.34 -32.24	28.62 0.40 -24.38	26.84 1.55 -11.28	31.91 1.10 -19.39	22.25 1.76 -0.76	25.17 1.90 0.00	22.23 1.52 0.00	22.43 1.49 0.00	23.43 1.61 0.00	23.48 1.58 0.00	23.98 1.57 0.01	23.53 1.63 0.00	28.97 2.15 0.00	33.27 2.82 0.00	47.10 4.25 0.00	31.78 3.05 0.00	38.87 3.77 0.00	35.13 3.42 0.00	26.46 2.42 0.00	23.32 2.04 0.00
GROVEVILLE___HYD 323602	19.98 -0.33 -26.74	17.46 0.10 -15.16	19.04 -0.04 -20.15	19.56 -0.10 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.27 0.70 -7.55	24.92 0.63 -12.87	21.37 1.13 -0.50	24.56 1.30 0.00	21.93 1.22 0.00	22.21 1.25 0.00	23.12 1.31 0.00	23.19 1.30 0.00	23.78 1.35 -0.01	23.22 1.32 0.00	28.42 1.60 0.00	32.40 1.96 0.00	45.42 2.56 0.00	30.36 1.63 0.00	37.10 1.99 0.00	33.43 1.71 0.00	25.39 1.35 0.00	22.37 1.09 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	-3.78 -0.04 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.09 -0.66	12.88 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.13 0.00	22.04 0.14 0.00	27.03 0.22 0.00	30.65 0.21 0.00	43.22 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
HAMLTNNY_34_KV_TB 80303	-3.43 -0.04 -3.06	3.94 0.01 -1.73	1.24 -0.01 -2.30	-0.01 -0.02 -2.54	-1.11 -0.02 -2.47	5.75 0.04 -1.87	15.01 0.12 -0.86	13.01 0.07 -1.52	19.93 0.13 -0.06	23.41 0.15 0.00	20.84 0.12 0.00	21.07 0.12 0.00	21.91 0.10 0.00	22.04 0.14 0.00	22.58 0.16 0.00	22.10 0.21 0.00	27.15 0.33 0.00	30.79 0.35 0.00	43.43 0.57 0.00	29.06 0.33 0.00	35.50 0.38 -0.02	32.07 0.34 -0.02	24.19 0.14 0.00	21.41 0.12 0.00
HAMPSHIRE___PAPER_HYD 323593	-10.52 0.54 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.17 -0.28 -0.61	8.46 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.71 0.00	20.19 -1.71 0.00	20.33 -2.10 0.00	19.79 -2.11 -0.01	28.93 -2.56 -4.68	49.06 -2.86 -21.48	39.54 -3.32 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
HARDSCRABBLE_WT_PWR 323673	-6.33 0.11 0.00	2.15 -0.04 0.00	-1.04 0.02 0.00	-2.49 0.05 0.00	-3.53 0.03 0.00	3.82 -0.03 0.00	13.98 -0.04 0.00	11.33 -0.09 0.00	19.54 -0.19 0.00	22.93 -0.34 0.00	20.48 -0.24 0.00	20.73 -0.21 0.00	21.56 -0.25 0.00	21.67 -0.23 0.00	22.24 -0.18 0.00	21.66 -0.24 0.00	26.59 -0.23 0.00	30.21 -0.23 0.00	42.72 -0.14 0.00	28.62 -0.11 0.00	34.90 -0.21 0.00	31.37 -0.35 0.00	23.76 -0.29 0.00	21.01 -0.28 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.33 -0.30 -25.06	16.50 0.09 -14.21	17.78 -0.04 -18.88	18.18 -0.09 -20.80	16.53 -0.14 -20.23	19.31 0.16 -15.30	21.69 0.59 -7.08	23.98 0.51 -12.05	21.14 0.93 -0.47	24.37 1.10 0.00	21.74 1.02 0.00	22.04 1.09 0.00	22.96 1.15 0.00	23.04 1.14 0.00	23.62 1.19 -0.01	23.04 1.14 0.00	28.18 1.36 0.00	32.13 1.69 0.00	44.96 2.10 0.00	30.06 1.33 0.00	36.72 1.62 0.00	33.09 1.38 0.00	25.15 1.11 0.00	22.16 0.88 0.00
HARSNRAD_115KV_TB1 81005	-2.31 -0.15 -4.28	4.65 0.02 -2.43	2.13 -0.03 -3.23	0.94 -0.09 -3.56	-0.20 -0.10 -3.46	6.49 0.03 -2.62	15.22 -0.02 -1.21	13.45 -0.09 -2.12	19.69 -0.13 -0.08	23.23 -0.04 0.00	20.76 0.04 0.00	20.96 0.01 0.00	21.94 0.12 0.00	22.03 0.13 0.00	22.53 0.11 0.00	22.14 0.24 0.00	27.12 0.30 0.00	30.42 -0.03 0.00	42.51 -0.34 0.00	28.53 -0.20 0.00	34.72 -0.38 0.00	31.59 -0.12 0.00	23.82 -0.22 0.00	21.03 -0.26 0.00
HARZA MOOSE___RIVER 24016	-6.74 0.10 0.39	2.76 -0.04 -0.61	-0.25 0.01 -0.81	-1.62 0.03 -0.89	-2.66 0.04 -0.87	4.47 -0.03 -0.65	13.03 -0.04 0.95	11.81 -0.14 -0.53	19.50 -0.26 -0.02	22.90 -0.37 0.00	20.31 -0.40 0.00	20.62 -0.33 0.00	21.59 -0.22 0.00	21.69 -0.21 0.00	22.13 -0.29 0.00	21.63 -0.26 0.00	27.77 -0.27 -1.22	39.55 -0.29 -9.40	42.87 0.01 0.00	28.95 0.22 0.00	35.63 0.52 0.00	32.35 0.62 0.00	24.47 0.42 0.00	21.52 0.23 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	-4.02 -0.01 -2.43	3.68 0.00 -1.49	0.91 0.00 -1.98	-0.36 0.00 -2.18	-1.45 0.00 -2.12	5.45 0.01 -1.60	14.60 0.00 -0.58	12.70 -0.02 -1.30	19.78 -0.01 -0.05	23.28 0.01 0.00	20.73 0.01 0.00	20.95 0.00 0.00	21.80 -0.01 0.00	21.91 0.01 0.00	22.45 0.03 0.00	21.91 0.01 0.00	26.82 0.01 0.00	30.39 -0.06 0.00	42.77 -0.07 0.00	28.68 -0.05 0.00	35.03 -0.09 -0.01	31.66 -0.07 -0.01	23.94 -0.11 0.00	21.23 -0.05 0.00
HELLGATE_13_KV_LD 55870	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.48 1.22 0.00	21.87 1.15 0.00	22.15 1.21 0.00	23.09 1.29 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.15 1.70 0.00	44.88 2.02 0.00	30.04 1.31 0.00	36.67 1.57 0.00	33.09 1.37 0.00	25.23 1.19 0.00	22.23 0.94 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.48 1.22 0.00	21.87 1.15 0.00	22.15 1.21 0.00	23.09 1.29 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.24 1.43 0.00	32.15 1.70 0.00	44.88 2.02 0.00	30.04 1.31 0.00	36.67 1.57 0.00	33.09 1.37 0.00	25.23 1.19 0.00	22.23 0.94 0.00
HEMPSTEAD____ 23647	20.04 -0.27 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.08 -22.20	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.17 0.59 -7.55	24.88 0.58 -12.88	21.26 1.02 -0.50	24.45 1.19 0.00	21.83 1.11 0.00	22.09 1.14 0.00	23.10 1.29 -0.01	23.07 1.17 0.00	23.63 1.20 -0.01	23.06 1.16 0.00	28.13 1.32 0.00	32.08 1.63 0.00	44.82 1.96 0.00	29.98 1.26 0.00	36.76 1.66 0.00	33.16 1.44 0.00	32.97 1.32 -7.60	25.85 1.10 -3.46
HEWLETT__69_KV_BK3 55828	19.98 -0.32 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.84 -0.19 -21.59	20.39 0.22 -16.33	22.30 0.72 -7.55	24.96 0.66 -12.88	21.42 1.18 -0.50	24.64 1.37 0.00	22.02 1.30 0.00	22.28 1.34 0.00	23.30 1.45 -0.04	23.26 1.34 -0.02	23.81 1.37 -0.02	23.21 1.31 0.00	28.32 1.50 0.00	32.34 1.90 0.00	45.21 2.36 0.00	30.24 1.51 0.00	37.05 1.95 0.00	33.44 1.71 -0.01	62.84 1.50 -37.29	39.52 1.25 -16.98
HICKLING___1 23621	0.25 -0.23 -6.92	6.19 0.07 -3.92	4.12 -0.04 -5.21	3.13 -0.08 -5.74	1.93 -0.10 -5.59	8.24 0.18 -4.23	16.40 0.42 -1.96	15.25 0.39 -3.44	20.74 0.86 -0.13	24.38 1.12 0.00	21.75 1.03 0.00	21.95 1.00 0.00	22.76 0.94 0.00	22.94 1.04 0.00	23.50 1.09 0.00	23.07 1.17 0.00	28.47 1.65 0.00	31.78 1.33 0.00	44.73 1.88 0.00	30.04 1.31 0.00	36.70 1.59 0.00	33.09 1.37 0.00	24.86 0.82 0.00	21.81 0.52 0.00
HICKLING___2 23622	0.25 -0.23 -6.92	6.19 0.07 -3.92	4.12 -0.04 -5.21	3.13 -0.08 -5.74	1.93 -0.10 -5.59	8.24 0.18 -4.23	16.40 0.42 -1.96	15.25 0.39 -3.44	20.74 0.86 -0.13	24.38 1.12 0.00	21.75 1.03 0.00	21.95 1.00 0.00	22.76 0.94 0.00	22.94 1.04 0.00	23.50 1.09 0.00	23.07 1.17 0.00	28.47 1.65 0.00	31.78 1.33 0.00	44.73 1.88 0.00	30.04 1.31 0.00	36.70 1.59 0.00	33.09 1.37 0.00	24.86 0.82 0.00	21.81 0.52 0.00
HIGH FALLS___HY 23754	19.58 -0.33 -26.35	17.23 0.10 -14.94	18.75 -0.04 -19.84	19.24 -0.08 -21.86	17.56 -0.14 -21.26	20.11 0.19 -16.08	22.12 0.67 -7.43	24.66 0.66 -12.59	21.48 1.25 -0.49	24.70 1.43 0.00	22.04 1.32 0.00	22.29 1.34 0.00	23.16 1.34 0.00	23.17 1.27 0.00	23.75 1.32 0.00	23.26 1.36 0.00	28.49 1.67 0.00	32.52 2.07 0.00	45.58 2.73 0.00	30.50 1.77 0.00	37.23 2.13 0.00	33.59 1.87 0.00	25.50 1.45 0.00	22.47 1.19 0.00
HILLBURN___GT 23639	18.70 -0.29 -25.43	16.70 0.09 -14.42	18.06 -0.04 -19.15	18.48 -0.09 -21.10	16.83 -0.14 -20.53	19.53 0.16 -15.52	21.76 0.56 -7.18	24.13 0.48 -12.23	21.09 0.87 -0.48	24.31 1.04 0.00	21.69 0.97 0.00	22.00 1.05 0.00	22.91 1.10 0.00	22.98 1.08 0.00	23.56 1.13 -0.01	22.95 1.05 0.00	28.05 1.23 0.00	31.95 1.51 0.00	44.67 1.82 0.00	29.86 1.13 0.00	36.49 1.39 0.00	32.90 1.18 0.00	25.04 0.99 0.00	22.06 0.78 0.00
HILLSIDE_115KV_TB1 80332	0.59 -0.13 -7.15	6.30 0.05 -4.05	4.31 -0.02 -5.39	3.36 -0.05 -5.94	2.16 -0.05 -5.78	8.37 0.16 -4.37	16.31 0.27 -2.02	15.20 0.23 -3.56	20.45 0.57 -0.14	24.01 0.74 0.00	21.40 0.68 0.00	21.58 0.63 0.00	22.33 0.52 0.00	22.51 0.61 0.00	23.07 0.65 0.00	22.63 0.73 0.00	27.93 1.11 0.00	31.10 0.65 0.00	43.76 0.91 0.00	29.37 0.64 0.00	35.93 0.82 0.00	32.43 0.70 0.00	24.39 0.34 0.00	21.42 0.13 0.00
HISHELDN_WT_PWR 323625	-1.60 -0.16 -5.01	5.06 0.03 -2.84	2.69 -0.03 -3.78	1.56 -0.06 -4.16	0.41 -0.07 -4.04	6.90 0.00 -3.06	15.48 0.04 -1.42	13.96 0.05 -2.49	20.08 0.25 -0.10	23.75 0.49 0.00	21.23 0.51 0.00	21.43 0.48 0.00	22.36 0.54 0.00	22.49 0.59 0.00	23.01 0.60 0.00	22.61 0.71 0.00	27.75 0.93 0.00	31.08 0.63 0.00	43.49 0.64 0.00	29.17 0.45 0.00	35.55 0.44 0.00	32.23 0.51 0.00	24.25 0.21 0.00	21.35 0.07 0.00
HOLTSVILLE_IC_1 23690	19.99 -0.31 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.23 0.66 -7.55	24.94 0.64 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.88 1.16 0.00	22.11 1.16 0.00	23.13 1.32 0.00	22.97 1.08 0.00	23.50 1.07 -0.01	22.91 1.01 0.00	28.00 1.19 0.00	32.05 1.60 0.00	44.82 1.97 0.00	30.00 1.27 0.00	36.82 1.71 0.00	33.22 1.50 0.00	22.33 1.41 3.12	21.18 1.32 1.42
HOLTSVILLE_IC_10 23699	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.80 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.70 -7.55	25.00 0.70 -12.88	21.46 1.22 -0.50	24.66 1.39 0.00	21.98 1.27 0.00	22.22 1.27 0.00	23.25 1.44 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.03 1.14 0.00	28.17 1.35 0.00	32.25 1.80 0.00	45.12 2.27 0.00	30.20 1.48 0.00	37.07 1.96 0.00	33.43 1.72 0.00	22.68 1.55 2.92	21.40 1.44 1.33
HOLTSVILLE_IC_2 23691	19.99 -0.31 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.23 0.66 -7.55	24.94 0.64 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.88 1.16 0.00	22.11 1.16 0.00	23.13 1.32 0.00	22.97 1.08 0.00	23.50 1.07 -0.01	22.91 1.01 0.00	28.00 1.19 0.00	32.05 1.60 0.00	44.82 1.97 0.00	30.00 1.27 0.00	36.82 1.71 0.00	33.22 1.50 0.00	22.33 1.41 3.12	21.18 1.32 1.42
HOLTSVILLE_IC_3 23692	19.99 -0.31 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.23 0.66 -7.55	24.94 0.64 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.88 1.16 0.00	22.11 1.16 0.00	23.13 1.32 0.00	22.97 1.08 0.00	23.50 1.07 -0.01	22.91 1.01 0.00	28.00 1.19 0.00	32.05 1.60 0.00	44.82 1.97 0.00	30.00 1.27 0.00	36.82 1.71 0.00	33.22 1.50 0.00	22.33 1.41 3.12	21.18 1.32 1.42

HOLTSVILLE_IC_4 23693	19.99 -0.31 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.23 0.66 -7.55	24.94 0.64 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.88 1.16 0.00	22.11 1.16 0.00	23.13 1.32 0.00	22.97 1.08 0.00	23.50 1.07 -0.01	22.91 1.01 0.00	28.00 1.19 0.00	32.05 1.60 0.00	44.82 1.97 0.00	30.00 1.27 0.00	36.82 1.71 0.00	33.22 1.50 0.00	22.33 1.41 3.12	21.18 1.32 1.42
HOLTSVILLE_IC_5 23694	19.99 -0.31 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.23 0.66 -7.55	24.94 0.64 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.88 1.16 0.00	22.11 1.16 0.00	23.13 1.32 0.00	22.97 1.08 0.00	23.50 1.07 -0.01	22.91 1.01 0.00	28.00 1.19 0.00	32.05 1.60 0.00	44.82 1.97 0.00	30.00 1.27 0.00	36.82 1.71 0.00	33.22 1.50 0.00	22.33 1.41 3.12	21.18 1.32 1.42
HOLTSVILLE_IC_6 23695	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.80 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.70 -7.55	25.00 0.70 -12.88	21.46 1.22 -0.50	24.66 1.39 0.00	21.98 1.27 0.00	22.22 1.27 0.00	23.25 1.44 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.03 1.14 0.00	28.17 1.35 0.00	32.25 1.80 0.00	45.12 2.27 0.00	30.20 1.48 0.00	37.07 1.96 0.00	33.43 1.72 0.00	22.68 1.55 2.92	21.40 1.44 1.33
HOLTSVILLE_IC_7 23696	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.80 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.70 -7.55	25.00 0.70 -12.88	21.46 1.22 -0.50	24.66 1.39 0.00	21.98 1.27 0.00	22.22 1.27 0.00	23.25 1.44 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.03 1.14 0.00	28.17 1.35 0.00	32.25 1.80 0.00	45.12 2.27 0.00	30.20 1.48 0.00	37.07 1.96 0.00	33.43 1.72 0.00	22.68 1.55 2.92	21.40 1.44 1.33
HOLTSVILLE_IC_8 23697	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.80 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.70 -7.55	25.00 0.70 -12.88	21.46 1.22 -0.50	24.66 1.39 0.00	21.98 1.27 0.00	22.22 1.27 0.00	23.25 1.44 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.03 1.14 0.00	28.17 1.35 0.00	32.25 1.80 0.00	45.12 2.27 0.00	30.20 1.48 0.00	37.07 1.96 0.00	33.43 1.72 0.00	22.68 1.55 2.92	21.40 1.44 1.33
HOLTSVILLE_IC_9 23698	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.80 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.70 -7.55	25.00 0.70 -12.88	21.46 1.22 -0.50	24.66 1.39 0.00	21.98 1.27 0.00	22.22 1.27 0.00	23.25 1.44 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.03 1.14 0.00	28.17 1.35 0.00	32.25 1.80 0.00	45.12 2.27 0.00	30.20 1.48 0.00	37.07 1.96 0.00	33.43 1.72 0.00	22.68 1.55 2.92	21.40 1.44 1.33
HOMER_HL_115KV_TB2 355744	-1.51 -0.32 -5.25	5.27 0.09 -2.98	2.85 -0.05 -3.96	1.71 -0.12 -4.36	0.53 -0.15 -4.24	7.19 0.14 -3.21	16.03 0.51 -1.49	14.54 0.46 -2.66	20.91 1.07 -0.10	24.64 1.37 0.00	22.02 1.30 0.00	22.25 1.30 0.00	23.18 1.36 0.00	23.22 1.32 0.00	23.75 1.33 0.00	23.21 1.32 0.00	28.36 1.54 0.00	31.76 1.32 0.00	44.36 1.51 0.00	29.71 0.98 0.00	36.33 1.22 0.00	32.77 1.05 0.00	24.70 0.65 0.00	21.78 0.49 0.00
HOWARD_WT_PWR 323690	-0.89 -0.24 -5.79	5.51 0.03 -3.29	3.30 -0.01 -4.37	2.27 -0.01 -4.81	1.11 -0.01 -4.68	7.42 0.04 -3.54	15.85 0.19 -1.64	14.53 0.22 -2.89	20.51 0.65 -0.11	24.23 0.96 0.00	21.62 0.91 0.00	21.82 0.87 0.00	22.70 0.89 0.00	22.87 0.98 0.00	23.39 0.97 0.00	22.95 1.06 0.00	28.29 1.48 0.00	31.71 1.27 0.00	44.53 1.68 0.00	29.95 1.23 0.00	36.46 1.35 0.00	32.81 1.09 0.00	24.63 0.58 0.00	21.54 0.26 0.00
HQ_GEN_CEDARS 23644	-14.71 0.91 9.19	2.35 -0.20 -0.35	-0.47 0.12 -0.47	-1.75 0.27 -0.51	-2.69 0.37 -0.51	3.72 -0.50 -0.38	3.82 -1.99 8.22	10.14 -1.59 -0.31	17.11 -2.65 -0.01	20.45 -2.81 0.00	18.01 -2.70 0.00	18.16 -2.79 0.00	19.22 -2.59 0.00	19.23 -2.67 0.00	19.27 -3.15 0.00	18.66 -3.23 0.01	15.44 -3.95 7.43	-31.25 -4.42 57.27	37.44 -5.41 0.00	25.06 -3.67 0.00	30.91 -4.20 0.00	28.80 -2.92 0.00	22.18 -1.87 0.00	19.41 -1.88 0.00
HQ_GEN_CEDARS_PROXY 323590	-14.71 0.91 9.19	2.35 -0.20 -0.35	-0.47 0.12 -0.47	-1.75 0.27 -0.51	-2.69 0.37 -0.51	3.71 -0.51 -0.38	3.80 -2.00 8.22	9.91 -1.91 -0.41	16.28 -3.48 -0.01	19.66 -3.97 -0.36	16.88 -3.84 0.00	17.05 -3.90 0.00	19.04 -2.77 0.00	19.23 -2.67 0.00	19.27 -3.15 0.00	18.66 -3.23 0.01	15.44 -3.95 7.43	-31.24 -4.42 57.27	37.44 -5.41 0.00	25.06 -3.67 0.00	30.91 -4.20 0.00	28.80 -2.92 0.00	22.18 -1.87 0.00	18.86 -1.88 0.54
HQ_GEN_IMPORT 323601	-6.44 0.00 0.00	2.20 0.00 0.00	-1.06 0.00 0.00	-2.53 0.00 0.00	-3.56 0.00 0.00	3.84 0.00 0.00	14.02 0.00 0.00	11.42 0.00 0.00	19.74 0.00 0.00	23.27 0.00 0.00	20.72 0.00 0.00	20.95 0.00 0.00	21.89 0.00 -0.08	21.90 0.00 0.00	22.42 0.00 0.00	21.90 0.00 0.00	26.82 0.00 0.00	30.45 0.00 0.00	42.85 0.00 0.00	28.73 0.00 0.00	35.11 0.00 0.00	31.72 0.00 0.00	24.05 0.00 0.00	21.29 0.00 0.00
HQ_GEN_WHEEL 23651	-6.44 0.00 0.00	2.20 0.00 0.00	-1.06 0.00 0.00	-2.53 0.00 0.00	-3.56 0.00 0.00	3.84 0.00 0.00	14.02 0.00 0.00	11.42 0.00 0.00	19.74 0.00 0.00	23.27 0.00 0.00	20.72 0.00 0.00	20.95 0.00 0.00	21.89 0.00 -0.08	21.90 0.00 0.00	22.42 0.00 0.00	21.90 0.00 0.00	26.82 0.00 0.00	30.45 0.00 0.00	42.85 0.00 0.00	28.73 0.00 0.00	35.11 0.00 0.00	31.72 0.00 0.00	24.05 0.00 0.00	21.29 0.00 0.00
HUDSON_AVE_GT_3 23810	19.98 -0.32 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.32	22.21 0.64 -7.55	24.88 0.59 -12.88	21.31 1.08 -0.50	24.54 1.27 0.00	21.91 1.19 0.00	22.19 1.24 0.00	23.14 1.32 0.00	23.20 1.30 0.00	23.78 1.35 -0.01	23.20 1.30 0.00	28.30 1.48 0.00	32.23 1.78 0.00	45.00 2.15 0.00	30.10 1.37 0.00	36.76 1.65 0.00	33.16 1.44 0.00	25.28 1.23 0.00	22.28 0.99 0.00
HUDSON_AVE_GT_4 23540	19.98 -0.32 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.32	22.21 0.64 -7.55	24.88 0.59 -12.88	21.31 1.08 -0.50	24.54 1.27 0.00	21.91 1.19 0.00	22.19 1.24 0.00	23.14 1.32 0.00	23.20 1.30 0.00	23.78 1.35 -0.01	23.20 1.30 0.00	28.30 1.48 0.00	32.23 1.78 0.00	45.00 2.15 0.00	30.10 1.37 0.00	36.76 1.65 0.00	33.16 1.44 0.00	25.28 1.23 0.00	22.28 0.99 0.00
HUDSON_AVE_GT_5 23657	19.98 -0.32 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.32	22.21 0.64 -7.55	24.88 0.59 -12.88	21.31 1.08 -0.50	24.54 1.27 0.00	21.91 1.19 0.00	22.19 1.24 0.00	23.14 1.32 0.00	23.20 1.30 0.00	23.78 1.35 -0.01	23.20 1.30 0.00	28.30 1.48 0.00	32.23 1.78 0.00	45.00 2.15 0.00	30.10 1.37 0.00	36.76 1.65 0.00	33.16 1.44 0.00	25.28 1.23 0.00	22.28 0.99 0.00

HUDSON_AVE_10 24168	20.00 -0.30 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.87 -0.15 -21.59	20.34 0.17 -16.32	22.19 0.62 -7.55	24.85 0.55 -12.88	21.27 1.03 -0.50	24.46 1.20 0.00	21.83 1.11 0.00	22.11 1.16 0.00	23.04 1.23 0.00	23.10 1.21 0.00	23.69 1.26 -0.01	23.10 1.21 0.00	28.18 1.36 0.00	32.09 1.64 0.00	44.84 1.98 0.00	30.00 1.27 0.00	36.63 1.52 0.00	33.06 1.34 0.00	25.23 1.18 0.00	22.22 0.94 0.00
HUDSON___115KV_TB 4 355613	26.42 -0.15 -33.02	20.98 0.06 -18.72	23.74 -0.03 -24.83	24.75 -0.08 -27.36	22.94 -0.11 -26.61	24.07 0.10 -20.13	23.76 0.43 -9.31	27.67 0.34 -15.92	20.83 0.47 -0.62	23.71 0.45 0.00	21.08 0.36 0.00	21.36 0.41 0.00	22.30 0.49 0.00	22.39 0.49 0.00	22.92 0.52 0.01	22.29 0.39 0.00	27.28 0.46 0.00	31.29 0.85 0.00	44.21 1.36 0.00	29.72 1.00 0.00	36.41 1.31 0.00	32.76 1.05 0.00	24.80 0.75 0.00	21.89 0.60 0.00
HUNTER MOUNT___DRP 323613	25.28 -0.17 -31.89	20.34 0.07 -18.08	22.89 -0.04 -23.99	23.81 -0.09 -26.43	22.02 -0.12 -25.71	23.40 0.11 -19.44	23.50 0.49 -8.99	27.17 0.39 -15.36	20.85 0.51 -0.60	23.73 0.46 0.00	21.07 0.35 0.00	21.35 0.39 0.00	22.32 0.51 0.00	22.39 0.50 0.00	22.95 0.54 0.01	22.30 0.40 0.00	27.31 0.50 0.00	31.37 0.92 0.00	44.38 1.53 0.00	29.87 1.15 0.00	36.61 1.51 0.00	32.95 1.23 0.00	24.91 0.87 0.00	21.98 0.69 0.00
HUNTINGTON_RES_REC 323705	20.01 -0.29 -26.75	17.44 0.08 -15.17	19.05 -0.03 -20.15	19.57 -0.09 -22.20	17.84 -0.19 -21.59	20.39 0.22 -16.33	22.20 0.63 -7.55	24.93 0.63 -12.88	21.36 1.12 -0.50	24.55 1.28 0.00	21.90 1.18 0.00	22.14 1.19 0.00	23.15 1.34 0.00	23.05 1.15 0.00	23.56 1.13 -0.01	22.97 1.08 0.00	28.09 1.27 0.00	32.15 1.71 0.00	44.96 2.10 0.00	30.10 1.37 0.00	36.90 1.79 0.00	33.27 1.55 0.00	22.56 1.43 2.92	21.26 1.30 1.33
HUNTLEY___63 23557	-2.24 -0.22 -4.42	4.74 0.04 -2.51	2.23 -0.05 -3.33	1.03 -0.11 -3.67	-0.12 -0.13 -3.57	6.61 0.07 -2.70	15.39 0.11 -1.25	13.63 0.02 -2.19	19.92 0.09 -0.08	23.51 0.25 0.00	20.97 0.25 0.00	21.19 0.24 0.00	22.18 0.37 0.00	22.29 0.39 0.00	22.81 0.40 0.00	22.43 0.53 0.00	27.48 0.67 0.00	30.82 0.37 0.00	43.06 0.21 0.00	28.88 0.15 0.00	35.12 0.02 0.00	31.94 0.22 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
HUNTLEY___64 23558	-2.24 -0.22 -4.42	4.74 0.04 -2.51	2.23 -0.05 -3.33	1.03 -0.11 -3.67	-0.12 -0.13 -3.57	6.61 0.07 -2.70	15.39 0.11 -1.25	13.63 0.02 -2.19	19.92 0.09 -0.08	23.51 0.25 0.00	20.97 0.25 0.00	21.19 0.24 0.00	22.18 0.37 0.00	22.29 0.39 0.00	22.81 0.40 0.00	22.43 0.53 0.00	27.48 0.67 0.00	30.82 0.37 0.00	43.06 0.21 0.00	28.88 0.15 0.00	35.12 0.02 0.00	31.94 0.22 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
HUNTLEY___65 23559	-2.24 -0.22 -4.42	4.74 0.04 -2.51	2.23 -0.05 -3.33	1.03 -0.11 -3.67	-0.12 -0.13 -3.57	6.61 0.07 -2.70	15.39 0.11 -1.25	13.63 0.02 -2.19	19.92 0.09 -0.08	23.51 0.25 0.00	20.97 0.25 0.00	21.19 0.24 0.00	22.18 0.37 0.00	22.29 0.39 0.00	22.81 0.40 0.00	22.43 0.53 0.00	27.48 0.67 0.00	30.82 0.37 0.00	43.06 0.21 0.00	28.88 0.15 0.00	35.12 0.02 0.00	31.94 0.22 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
HUNTLEY___66 23560	-2.24 -0.22 -4.42	4.74 0.04 -2.51	2.23 -0.05 -3.33	1.03 -0.11 -3.67	-0.12 -0.13 -3.57	6.61 0.07 -2.70	15.39 0.11 -1.25	13.63 0.02 -2.19	19.92 0.09 -0.08	23.51 0.25 0.00	20.97 0.25 0.00	21.19 0.24 0.00	22.18 0.37 0.00	22.29 0.39 0.00	22.81 0.40 0.00	22.43 0.53 0.00	27.48 0.67 0.00	30.82 0.37 0.00	43.06 0.21 0.00	28.88 0.15 0.00	35.12 0.02 0.00	31.94 0.22 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
HUNTLEY___67 23561	-2.11 -0.16 -4.50	4.77 0.03 -2.55	2.29 -0.04 -3.39	1.11 -0.09 -3.73	-0.03 -0.10 -3.63	6.62 0.04 -2.75	15.38 0.08 -1.28	13.72 0.03 -2.27	19.95 0.12 -0.09	23.57 0.30 0.00	21.05 0.33 0.00	21.25 0.30 0.00	22.21 0.40 0.00	22.32 0.42 0.00	22.84 0.42 0.00	22.45 0.55 0.00	27.50 0.68 0.00	30.83 0.38 0.00	43.09 0.24 0.00	28.89 0.16 0.00	35.17 0.06 0.00	31.98 0.26 0.00	24.10 0.06 0.00	21.25 -0.04 0.00
HUNTLEY___68 23562	-2.11 -0.16 -4.50	4.77 0.03 -2.55	2.29 -0.04 -3.39	1.11 -0.09 -3.73	-0.03 -0.10 -3.63	6.62 0.04 -2.75	15.38 0.08 -1.28	13.72 0.03 -2.27	19.95 0.12 -0.09	23.57 0.30 0.00	21.05 0.33 0.00	21.25 0.30 0.00	22.21 0.40 0.00	22.32 0.42 0.00	22.84 0.42 0.00	22.45 0.55 0.00	27.50 0.68 0.00	30.83 0.38 0.00	43.09 0.24 0.00	28.89 0.16 0.00	35.17 0.06 0.00	31.98 0.26 0.00	24.10 0.06 0.00	21.25 -0.04 0.00
HYLAND___LFGE 323620	-2.03 -0.40 -4.81	5.02 0.10 -2.73	2.50 -0.06 -3.62	1.32 -0.14 -3.99	0.13 -0.19 -3.88	6.95 0.17 -2.94	16.08 0.70 -1.36	14.08 0.28 -2.39	19.71 -0.12 -0.09	23.03 -0.23 0.00	20.53 -0.19 0.00	20.68 -0.27 0.00	21.54 -0.27 0.00	22.43 0.53 0.00	22.69 0.27 0.00	22.21 0.31 0.00	27.41 0.59 0.00	30.89 0.44 0.00	43.53 0.68 0.00	29.82 1.09 0.00	36.65 1.54 0.00	33.25 1.53 0.00	25.44 1.39 0.00	22.41 1.13 0.00
INDECK___CORINTH 23802	28.42 -0.44 -35.30	22.36 0.14 -20.02	25.43 -0.07 -26.56	26.56 -0.16 -29.26	24.65 -0.25 -28.46	25.63 0.26 -21.52	24.98 1.00 -9.95	29.29 0.81 -17.07	21.75 1.34 -0.66	24.96 1.69 0.00	22.16 1.44 0.00	22.38 1.43 0.00	23.26 1.45 0.00	23.37 1.47 0.00	24.03 1.63 0.02	23.59 1.69 0.00	28.91 2.10 0.00	33.00 2.56 0.00	46.72 3.87 0.00	31.19 2.46 0.00	38.13 3.03 0.00	34.31 2.60 0.00	25.95 1.91 0.00	22.89 1.60 0.00
INDECK___ILION 23567	-6.39 0.05 0.00	2.18 -0.02 0.00	-1.05 0.01 0.00	-2.51 0.02 0.00	-3.55 0.02 0.00	3.82 -0.02 0.00	13.98 -0.04 0.00	11.36 -0.06 0.00	19.61 -0.13 0.00	23.04 -0.22 0.00	20.55 -0.16 0.00	20.79 -0.16 0.00	21.63 -0.18 0.00	21.73 -0.17 0.00	22.27 -0.15 0.00	21.73 -0.17 0.00	26.66 -0.16 0.00	30.30 -0.14 0.00	42.79 -0.06 0.00	28.71 -0.03 0.00	35.06 -0.05 0.00	31.61 -0.11 0.00	23.93 -0.12 0.00	21.15 -0.14 0.00
INDECK___OLEAN 23982	-1.51 -0.33 -5.25	5.27 0.09 -2.98	2.85 -0.05 -3.96	1.71 -0.12 -4.36	0.53 -0.15 -4.24	7.19 0.14 -3.21	16.04 0.53 -1.49	14.54 0.47 -2.66	20.91 1.07 -0.10	24.64 1.37 0.00	22.01 1.30 0.00	22.25 1.30 0.00	23.18 1.36 0.00	23.21 1.32 0.00	23.75 1.33 0.00	23.21 1.31 0.00	28.36 1.54 0.00	31.75 1.31 0.00	44.37 1.52 0.00	29.71 0.98 0.00	36.33 1.22 0.00	32.76 1.05 0.00	24.68 0.63 0.00	21.77 0.49 0.00
INDECK___OSWEGO 23783	-4.49 0.08 -1.87	3.42 -0.04 -1.26	0.62 0.01 -1.67	-0.66 0.03 -1.84	-1.73 0.05 -1.79	5.15 -0.05 -1.35	14.17 -0.18 -0.33	12.34 -0.18 -1.10	19.44 -0.34 -0.04	22.84 -0.42 0.00	20.30 -0.42 0.00	20.53 -0.42 0.00	21.36 -0.45 0.00	21.46 -0.44 0.00	21.98 -0.44 0.00	21.49 -0.40 0.00	26.35 -0.47 0.00	29.86 -0.58 0.00	42.08 -0.77 0.00	28.24 -0.49 0.00	34.56 -0.58 -0.04	31.25 -0.50 -0.03	23.63 -0.41 0.00	20.97 -0.31 0.00

INDECK___YERKES 23781	-2.25 -0.23 -4.42	4.75 0.04 -2.51	2.22 -0.05 -3.33	1.02 -0.12 -3.67	-0.13 -0.14 -3.57	6.61 0.07 -2.70	15.41 0.13 -1.25	13.64 0.03 -2.19	19.94 0.12 -0.08	23.54 0.27 0.00	21.00 0.28 0.00	21.21 0.26 0.00	22.20 0.39 0.00	22.31 0.42 0.00	22.84 0.42 0.00	22.45 0.55 0.00	27.52 0.70 0.00	30.85 0.40 0.00	43.13 0.28 0.00	28.90 0.17 0.00	35.17 0.06 0.00	31.98 0.26 0.00	24.07 0.02 0.00	21.25 -0.04 0.00
INDIAN POINT_GT_1 24139	19.75 -0.28 -26.46	17.29 0.09 -15.00	18.84 -0.03 -19.94	19.35 -0.08 -21.96	17.67 -0.13 -21.37	20.16 0.16 -16.16	22.05 0.55 -7.47	24.67 0.50 -12.74	21.16 0.92 -0.50	24.36 1.09 0.00	21.75 1.03 0.00	22.04 1.09 0.00	22.95 1.14 0.00	23.02 1.13 0.00	23.59 1.17 -0.01	23.01 1.12 0.00	28.10 1.28 0.00	32.02 1.58 0.00	44.78 1.92 0.00	29.94 1.22 0.00	36.60 1.49 0.00	33.00 1.28 0.00	25.12 1.07 0.00	22.14 0.86 0.00
INDIAN POINT_GT_2 23659	19.75 -0.28 -26.46	17.29 0.09 -15.00	18.84 -0.03 -19.94	19.35 -0.08 -21.96	17.67 -0.13 -21.37	20.16 0.16 -16.16	22.05 0.55 -7.47	24.67 0.50 -12.74	21.16 0.92 -0.50	24.36 1.09 0.00	21.75 1.03 0.00	22.04 1.09 0.00	22.95 1.14 0.00	23.02 1.13 0.00	23.59 1.17 -0.01	23.01 1.12 0.00	28.10 1.28 0.00	32.02 1.58 0.00	44.78 1.92 0.00	29.94 1.22 0.00	36.60 1.49 0.00	33.00 1.28 0.00	25.12 1.07 0.00	22.14 0.86 0.00
INDIAN POINT_GT_3 24019	19.75 -0.28 -26.46	17.29 0.09 -15.00	18.84 -0.03 -19.94	19.35 -0.08 -21.96	17.67 -0.13 -21.37	20.16 0.16 -16.16	22.05 0.55 -7.47	24.67 0.50 -12.74	21.16 0.92 -0.50	24.36 1.09 0.00	21.75 1.03 0.00	22.04 1.09 0.00	22.95 1.14 0.00	23.02 1.13 0.00	23.59 1.17 -0.01	23.01 1.12 0.00	28.10 1.28 0.00	32.02 1.58 0.00	44.78 1.92 0.00	29.94 1.22 0.00	36.60 1.49 0.00	33.00 1.28 0.00	25.12 1.07 0.00	22.14 0.86 0.00
INDIAN POINT___2 23530	19.37 -0.28 -26.09	17.07 0.09 -14.79	18.56 -0.03 -19.65	19.04 -0.08 -21.65	17.37 -0.13 -21.06	19.92 0.15 -15.93	21.93 0.54 -7.36	24.47 0.50 -12.56	21.14 0.91 -0.49	24.34 1.08 0.00	21.74 1.02 0.00	22.02 1.07 0.00	22.95 1.13 0.00	23.02 1.12 0.00	23.58 1.15 -0.01	23.00 1.10 0.00	28.09 1.27 0.00	32.00 1.55 0.00	44.74 1.89 0.00	29.92 1.19 0.00	36.57 1.46 0.00	32.97 1.25 0.00	25.10 1.06 0.00	22.12 0.84 0.00
INDIAN POINT___3 23531	19.77 -0.27 -26.48	17.30 0.09 -15.02	18.85 -0.03 -19.95	19.36 -0.08 -21.98	17.68 -0.13 -21.38	20.16 0.15 -16.17	22.04 0.55 -7.47	24.67 0.50 -12.75	21.15 0.91 -0.50	24.34 1.07 0.00	21.74 1.02 0.00	22.02 1.07 0.00	22.94 1.13 0.00	23.01 1.12 0.00	23.58 1.15 -0.01	23.00 1.10 0.00	28.08 1.26 0.00	32.00 1.56 0.00	44.75 1.89 0.00	29.92 1.19 0.00	36.58 1.47 0.00	32.98 1.27 0.00	25.11 1.06 0.00	22.13 0.84 0.00
INGHAM_C_115KV_TB7 356103	-6.33 0.11 0.00	2.15 -0.05 0.00	-1.04 0.02 0.00	-2.49 0.04 0.00	-3.53 0.04 0.00	3.81 -0.03 0.00	13.95 -0.07 0.00	11.29 -0.12 0.00	19.47 -0.27 0.00	22.78 -0.48 0.00	20.37 -0.35 0.00	20.63 -0.32 0.00	21.44 -0.37 0.00	21.54 -0.36 0.00	22.13 -0.29 0.00	21.52 -0.37 0.00	26.44 -0.38 0.00	30.07 -0.37 0.00	42.61 -0.24 0.00	28.59 -0.14 0.00	34.91 -0.20 0.00	31.36 -0.36 0.00	23.72 -0.32 0.00	20.93 -0.35 0.00
IP CORINTH___1 23988	28.42 -0.44 -35.30	22.36 0.14 -20.02	25.43 -0.07 -26.56	26.56 -0.16 -29.26	24.65 -0.25 -28.46	25.63 0.26 -21.52	24.98 1.00 -9.95	29.29 0.80 -17.07	21.75 1.34 -0.66	24.96 1.69 0.00	22.16 1.44 0.00	22.38 1.43 0.00	23.26 1.45 0.00	23.37 1.47 0.00	24.03 1.63 0.02	23.59 1.69 0.00	28.91 2.10 0.00	33.00 2.56 0.00	46.72 3.87 0.00	31.19 2.46 0.00	38.13 3.03 0.00	34.31 2.60 0.00	25.95 1.90 0.00	22.89 1.60 0.00
IP___TICONDEROGA 23804	28.01 -0.81 -35.26	22.42 0.23 -19.99	25.35 -0.11 -26.52	26.41 -0.27 -29.22	24.41 -0.45 -28.42	25.83 0.49 -21.49	25.66 1.69 -9.94	29.74 1.28 -17.04	22.58 2.17 -0.66	26.38 3.11 0.00	23.40 2.69 0.00	23.51 2.56 0.00	24.26 2.45 0.00	24.38 2.49 0.00	25.29 2.89 0.02	24.97 3.07 0.00	30.61 3.79 0.00	34.81 4.37 0.00	49.96 7.11 0.00	32.75 4.01 0.00	40.03 4.92 0.00	36.08 4.36 0.00	27.31 3.26 0.00	24.12 2.84 0.00
ISLIP_RES_REC 323679	19.95 -0.36 -26.75	17.46 0.10 -15.17	19.04 -0.04 -20.15	19.54 -0.12 -22.20	17.80 -0.23 -21.59	20.44 0.26 -16.33	22.33 0.76 -7.55	25.04 0.74 -12.88	21.54 1.30 -0.50	24.76 1.50 0.00	22.08 1.36 0.00	22.30 1.35 0.00	23.34 1.53 0.00	23.17 1.27 0.00	23.70 1.28 -0.01	23.13 1.23 0.00	28.30 1.48 0.00	32.42 1.97 0.00	45.35 2.50 0.00	30.36 1.63 0.00	37.26 2.15 0.00	33.58 1.87 0.00	22.93 1.67 2.78	21.54 1.53 1.27
JAMAICA__27_KV_LOAD 355505	19.98 -0.32 -26.74	17.47 0.12 -15.16	19.04 -0.05 -20.14	19.55 -0.11 -22.19	17.84 -0.18 -21.59	20.37 0.21 -16.32	22.29 0.72 -7.55	24.91 0.61 -12.88	21.36 1.12 -0.50	24.54 1.27 0.00	21.85 1.14 0.00	22.14 1.19 0.00	23.03 1.22 0.00	23.10 1.20 0.00	23.69 1.26 -0.01	23.11 1.22 0.00	28.18 1.36 0.00	32.09 1.64 0.00	44.94 2.09 0.00	30.07 1.34 0.00	36.71 1.60 0.00	33.15 1.43 0.00	25.36 1.32 0.00	22.31 1.02 0.00
JANIS___SOLAR 323808	0.61 -0.28 -7.33	6.44 0.09 -4.16	4.42 -0.04 -5.53	3.46 -0.10 -6.09	2.22 -0.14 -5.92	8.50 0.18 -4.48	16.76 0.66 -2.08	15.82 0.51 -3.89	20.68 0.79 -0.15	24.06 0.79 0.00	21.31 0.59 0.00	21.51 0.56 0.00	22.39 0.58 0.00	22.52 0.63 0.00	23.10 0.68 0.00	22.62 0.72 0.00	27.95 1.13 0.00	31.89 1.45 0.00	45.35 2.50 0.00	30.58 1.86 0.00	37.42 2.30 -0.01	33.74 2.01 -0.01	25.32 1.28 0.00	22.24 0.96 0.00
JARVIS____ 23743	-6.41 0.04 0.00	2.19 -0.01 0.00	-1.06 0.00 0.00	-2.52 0.01 0.00	-3.55 0.02 0.00	3.82 -0.02 0.00	13.95 -0.07 0.00	11.36 -0.06 0.00	19.64 -0.10 0.00	23.15 -0.11 0.00	20.62 -0.10 0.00	20.85 -0.10 0.00	21.71 -0.11 0.00	21.79 -0.11 0.00	22.31 -0.11 0.00	21.80 -0.10 0.00	26.71 -0.11 0.00	30.32 -0.12 0.00	42.72 -0.13 0.00	28.64 -0.09 0.00	35.00 -0.10 0.00	31.62 -0.09 0.00	23.99 -0.06 0.00	21.22 -0.06 0.00
JENNISON___1 23625	2.55 -0.31 -9.29	7.56 0.10 -5.27	5.89 -0.05 -7.00	5.07 -0.11 -7.72	3.79 -0.15 -7.51	9.73 0.20 -5.68	17.41 0.75 -2.65	17.26 0.65 -5.18	21.07 1.13 -0.20	24.54 1.27 0.00	21.79 1.07 0.00	22.02 1.07 0.00	22.92 1.11 0.00	23.06 1.17 0.00	23.64 1.22 0.00	23.13 1.24 0.00	28.49 1.68 0.00	32.35 1.91 0.00	45.78 2.93 0.00	30.80 2.07 0.00	37.66 2.55 -0.01	33.94 2.22 0.00	25.53 1.48 0.00	22.38 1.10 0.00
JENNISON___2 23626	2.55 -0.31 -9.29	7.56 0.10 -5.27	5.89 -0.05 -7.00	5.07 -0.11 -7.72	3.79 -0.15 -7.51	9.73 0.20 -5.68	17.41 0.75 -2.65	17.26 0.65 -5.18	21.07 1.13 -0.20	24.54 1.27 0.00	21.79 1.07 0.00	22.02 1.07 0.00	22.92 1.11 0.00	23.06 1.17 0.00	23.64 1.22 0.00	23.13 1.24 0.00	28.49 1.68 0.00	32.35 1.91 0.00	45.78 2.93 0.00	30.80 2.07 0.00	37.66 2.55 -0.01	33.94 2.22 0.00	25.53 1.48 0.00	22.38 1.10 0.00

JERICO_RISE_WT_PWR 323719	-15.14 0.91 9.62	2.34 -0.19 -0.33	-0.50 0.12 -0.44	-1.79 0.26 -0.49	-2.76 0.33 -0.47	3.72 -0.48 -0.36	3.63 -1.83 8.56	10.24 -1.47 -0.29	17.29 -2.46 -0.01	20.68 -2.59 0.00	18.27 -2.45 0.00	18.42 -2.54 0.00	19.55 -2.26 0.00	19.60 -2.30 0.00	19.74 -2.68 0.00	19.06 -2.83 0.01	16.29 -3.43 7.10	-28.07 -3.78 54.74	38.40 -4.46 0.00	25.64 -3.08 0.00	31.58 -3.53 0.00	29.33 -2.39 0.00	22.55 -1.49 0.00	19.69 -1.59 0.00
KATONAH__115KV_46KV_TB4 355592	20.33 -0.30 -27.08	17.65 0.10 -15.35	19.30 -0.04 -20.40	19.85 -0.09 -22.48	18.15 -0.14 -21.86	20.55 0.17 -16.53	22.31 0.64 -7.64	25.05 0.59 -13.04	21.31 1.07 -0.51	24.52 1.25 0.00	21.89 1.18 0.00	22.17 1.22 0.00	23.09 1.28 0.00	23.16 1.26 0.00	23.73 1.30 -0.01	23.16 1.26 0.00	28.29 1.47 0.00	32.26 1.81 0.00	45.12 2.27 0.00	30.17 1.44 0.00	36.88 1.77 0.00	33.24 1.52 0.00	25.28 1.23 0.00	22.28 1.00 0.00
KCE_NY_1 323755	28.42 -0.33 -35.19	22.26 0.11 -19.96	25.36 -0.05 -26.47	26.50 -0.13 -29.16	24.61 -0.20 -28.37	25.49 0.19 -21.45	24.72 0.78 -9.92	29.07 0.64 -17.01	21.46 1.06 -0.66	24.52 1.25 0.00	21.82 1.10 0.00	22.07 1.12 0.00	22.98 1.17 0.00	23.08 1.18 0.00	23.66 1.26 0.02	23.11 1.22 0.00	28.30 1.49 0.00	32.35 1.90 0.00	45.69 2.84 0.00	30.61 1.88 0.00	37.42 2.31 0.00	33.67 1.95 0.00	25.48 1.43 0.00	22.48 1.19 0.00
KCE_NY_6_ESR 323823	-1.96 -0.22 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.10 -0.12 -3.79	6.79 0.08 -2.87	15.57 0.22 -1.33	13.91 0.15 -2.34	20.19 0.36 -0.09	23.85 0.58 0.00	21.32 0.60 0.00	21.54 0.59 0.00	22.50 0.69 0.00	22.62 0.72 0.00	23.14 0.73 0.00	22.76 0.86 0.00	27.91 1.10 0.00	31.28 0.83 0.00	43.74 0.89 0.00	29.32 0.59 0.00	35.70 0.60 0.00	32.44 0.72 0.00	24.40 0.35 0.00	21.50 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	19.97 -0.33 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.69 -7.55	24.97 0.68 -12.88	21.42 1.18 -0.50	24.62 1.35 0.00	21.95 1.23 0.00	22.18 1.23 0.00	23.21 1.40 0.00	23.05 1.15 0.00	23.58 1.15 -0.01	23.00 1.10 0.00	28.13 1.31 0.00	32.20 1.76 0.00	45.04 2.19 0.00	30.15 1.43 0.00	37.01 1.90 0.00	33.37 1.65 0.00	22.56 1.51 3.00	21.33 1.41 1.37
KEDC_PORT_JEFF_GT3 24211	19.97 -0.33 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.69 -7.55	24.97 0.68 -12.88	21.42 1.18 -0.50	24.62 1.35 0.00	21.95 1.23 0.00	22.18 1.23 0.00	23.21 1.40 0.00	23.05 1.15 0.00	23.58 1.15 -0.01	23.00 1.10 0.00	28.13 1.31 0.00	32.20 1.76 0.00	45.04 2.19 0.00	30.15 1.43 0.00	37.01 1.90 0.00	33.37 1.65 0.00	22.56 1.51 3.00	21.33 1.41 1.37
KEDC_GLWD_GT4 24219	19.99 -0.31 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.87 -0.17 -21.59	20.37 0.19 -16.33	22.24 0.67 -7.55	24.93 0.63 -12.88	21.37 1.13 -0.50	24.59 1.32 0.00	21.98 1.26 0.00	22.25 1.30 0.00	23.24 1.42 -0.01	23.25 1.35 0.00	23.82 1.39 -0.01	23.23 1.33 0.00	28.34 1.52 0.00	32.12 1.67 0.00	44.87 2.02 0.00	30.02 1.30 0.00	36.92 1.82 0.00	33.34 1.62 0.00	31.22 1.38 -5.80	25.06 1.14 -2.64
KEDC_GLWD_GT5 24220	19.99 -0.31 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.87 -0.17 -21.59	20.37 0.19 -16.33	22.24 0.67 -7.55	24.93 0.63 -12.88	21.37 1.13 -0.50	24.59 1.32 0.00	21.98 1.26 0.00	22.25 1.30 0.00	23.24 1.42 -0.01	23.25 1.35 0.00	23.82 1.39 -0.01	23.23 1.33 0.00	28.34 1.52 0.00	32.12 1.67 0.00	44.87 2.02 0.00	30.02 1.30 0.00	36.92 1.82 0.00	33.34 1.62 0.00	31.22 1.38 -5.80	25.06 1.14 -2.64
KENSICO____ 23655	19.96 -0.29 -26.69	17.42 0.09 -15.13	19.01 -0.04 -20.10	19.53 -0.09 -22.15	17.84 -0.14 -21.54	20.30 0.17 -16.29	22.14 0.59 -7.53	24.81 0.54 -12.85	21.23 0.99 -0.50	24.43 1.16 0.00	21.81 1.10 0.00	22.09 1.14 0.00	23.02 1.21 0.00	23.09 1.19 0.00	23.66 1.23 -0.01	23.08 1.18 0.00	28.17 1.35 0.00	32.10 1.66 0.00	44.88 2.03 0.00	30.01 1.28 0.00	36.68 1.57 0.00	33.07 1.35 0.00	25.18 1.13 0.00	22.20 0.92 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.27 -0.31 -25.02	16.48 0.10 -14.19	17.75 -0.04 -18.85	18.14 -0.09 -20.77	16.50 -0.14 -20.20	19.30 0.18 -15.27	21.74 0.66 -7.06	23.98 0.68 -11.88	21.47 1.27 -0.46	24.71 1.44 0.00	22.04 1.33 0.00	22.30 1.36 0.00	23.18 1.36 0.00	23.17 1.27 0.00	23.75 1.32 0.00	23.25 1.36 0.00	28.48 1.66 0.00	32.53 2.08 0.00	45.63 2.78 0.00	30.55 1.82 0.00	37.30 2.19 0.00	33.66 1.94 0.00	25.52 1.48 0.00	22.49 1.21 0.00
KIAC_JFK_GT1 23816	20.02 -0.28 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.32	22.20 0.64 -7.55	24.85 0.55 -12.88	21.25 1.01 -0.50	24.42 1.15 0.00	21.74 1.02 0.00	22.03 1.08 0.00	22.92 1.10 0.00	22.98 1.08 0.00	23.57 1.14 -0.01	22.96 1.07 0.00	27.93 1.11 0.00	31.81 1.36 0.00	44.55 1.69 0.00	29.80 1.07 0.00	36.38 1.27 0.00	32.86 1.14 0.00	25.22 1.17 0.00	22.19 0.90 0.00
KIAC_JFK_GT2 23817	20.02 -0.28 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.32	22.20 0.64 -7.55	24.85 0.55 -12.88	21.25 1.01 -0.50	24.42 1.15 0.00	21.74 1.02 0.00	22.03 1.08 0.00	22.92 1.10 0.00	22.98 1.08 0.00	23.57 1.14 -0.01	22.96 1.07 0.00	27.93 1.11 0.00	31.81 1.36 0.00	44.55 1.69 0.00	29.80 1.07 0.00	36.38 1.27 0.00	32.86 1.14 0.00	25.22 1.17 0.00	22.19 0.90 0.00
KIAC_JFK____ 323774	20.02 -0.28 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.32	22.20 0.63 -7.55	24.85 0.55 -12.88	21.25 1.01 -0.50	24.42 1.15 0.00	21.74 1.02 0.00	22.03 1.08 0.00	22.92 1.10 0.00	22.98 1.08 0.00	23.57 1.14 -0.01	22.97 1.07 0.00	27.93 1.11 0.00	31.81 1.36 0.00	44.54 1.69 0.00	29.80 1.07 0.00	36.38 1.27 0.00	32.86 1.14 0.00	25.22 1.17 0.00	22.19 0.91 0.00
KINTIGH____ 23543	-2.69 -0.12 -3.87	4.40 0.01 -2.20	1.83 -0.03 -2.92	0.61 -0.07 -3.21	-0.52 -0.08 -3.12	6.22 0.01 -2.36	15.12 0.01 -1.09	13.27 -0.06 -1.91	19.71 -0.11 -0.07	23.26 -0.01 0.00	20.75 0.03 0.00	20.93 -0.02 0.00	21.86 0.05 0.00	21.95 0.06 0.00	22.46 0.04 0.00	22.03 0.13 0.00	26.97 0.15 0.00	30.32 -0.13 0.00	42.41 -0.44 0.00	28.43 -0.30 0.00	34.64 -0.46 0.00	31.48 -0.24 0.00	23.77 -0.28 0.00	21.00 -0.29 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-15.41 0.81 9.78	2.37 -0.16 -0.32	-0.52 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.29 -0.46	3.78 -0.41 -0.35	3.74 -1.59 8.70	10.43 -1.27 -0.28	17.60 -2.15 -0.01	21.02 -2.25 0.00	18.56 -2.15 0.00	18.69 -2.26 0.00	19.83 -1.98 0.00	19.89 -2.01 0.00	20.06 -2.36 0.00	19.35 -2.55 0.01	16.80 -3.05 6.97	-26.62 -3.29 53.78	39.18 -3.68 0.00	26.16 -2.57 0.00	32.21 -2.89 0.00	29.89 -1.83 0.00	22.95 -1.10 0.00	20.03 -1.26 0.00

LACHUTE____HYDRO 323717	28.01 -0.81 -35.26	22.42 0.23 -19.99	25.35 -0.11 -26.52	26.41 -0.27 -29.22	24.41 -0.45 -28.42	25.83 0.49 -21.49	25.66 1.69 -9.94	29.74 1.28 -17.04	22.58 2.17 -0.66	26.38 3.11 0.00	23.40 2.69 0.00	23.51 2.56 0.00	24.26 2.45 0.00	24.38 2.49 0.00	25.29 2.89 0.02	24.97 3.08 0.00	30.61 3.79 0.00	34.82 4.37 0.00	49.96 7.10 0.00	32.74 4.01 0.00	40.03 4.92 0.00	36.08 4.36 0.00	27.31 3.26 0.00	24.12 2.84 0.00
LAWRNCAV_115KV_TB1 80681	-13.53 0.88 7.96	2.41 -0.20 -0.41	-0.41 0.11 -0.54	-1.68 0.26 -0.60	-2.63 0.35 -0.59	3.81 -0.47 -0.44	4.94 -1.85 7.23	10.21 -1.57 -0.36	17.04 -2.72 -0.01	20.23 -3.04 0.00	17.72 -3.00 0.00	17.89 -3.06 0.00	19.17 -2.64 0.00	19.22 -2.68 0.00	19.18 -3.24 0.00	18.57 -3.31 0.01	14.41 -4.05 8.36	-38.55 -4.51 64.48	37.33 -5.52 0.00	25.02 -3.71 0.00	31.04 -4.07 0.00	29.05 -2.68 0.00	22.39 -1.66 0.00	19.57 -1.72 0.00
LEDERLE____ 23769	18.95 -0.30 -25.69	16.86 0.10 -14.57	18.26 -0.04 -19.36	18.70 -0.09 -21.33	17.04 -0.14 -20.74	19.70 0.16 -15.69	21.87 0.60 -7.25	24.32 0.53 -12.36	21.20 0.98 -0.48	24.43 1.17 0.00	21.82 1.10 0.00	22.12 1.17 0.00	23.04 1.22 0.00	23.11 1.21 0.00	23.69 1.26 -0.01	23.09 1.20 0.00	28.22 1.41 0.00	32.16 1.72 0.00	44.96 2.11 0.00	30.05 1.32 0.00	36.74 1.64 0.00	33.12 1.40 0.00	25.19 1.15 0.00	22.19 0.90 0.00
LIGHTHSE_115KV_TB6 355974	-5.16 0.07 -1.22	3.33 -0.04 -1.17	0.51 0.01 -1.56	-0.79 0.03 -1.72	-1.85 0.04 -1.67	5.08 -0.02 -1.27	13.79 -0.09 0.15	12.31 -0.14 -1.03	19.49 -0.29 -0.04	22.89 -0.38 0.00	20.30 -0.42 0.00	20.56 -0.39 0.00	21.47 -0.34 0.00	21.57 -0.33 0.00	22.07 -0.35 0.00	21.56 -0.34 0.00	27.09 -0.44 -0.71	35.36 -0.57 -5.49	42.26 -0.59 0.00	28.50 -0.23 0.00	35.06 -0.06 -0.02	31.86 0.12 -0.02	24.06 0.01 0.00	21.25 -0.03 0.00
LINDEN COGEN____ 23786	20.00 -0.29 -26.74	17.45 0.09 -15.16	19.05 -0.03 -20.14	19.58 -0.08 -22.19	17.89 -0.13 -21.59	20.32 0.15 -16.32	22.10 0.53 -7.55	24.77 0.48 -12.88	21.12 0.88 -0.50	24.31 1.04 0.00	21.71 0.99 0.00	22.02 1.07 0.00	22.94 1.13 0.00	23.01 1.11 -0.01	23.60 1.17 0.00	23.02 1.12 0.00	28.08 1.26 0.00	31.96 1.52 0.00	44.62 1.77 0.00	29.87 1.14 0.00	36.48 1.38 0.00	32.91 1.20 0.00	25.11 1.06 0.00	22.14 0.85 0.00
LINDHRST_69_KV_BK1 356055	19.96 -0.35 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.82 -0.21 -21.59	20.41 0.24 -16.33	22.33 0.76 -7.55	25.02 0.72 -12.88	21.50 1.26 -0.50	24.71 1.44 0.00	22.02 1.30 0.00	22.25 1.30 0.00	23.27 1.45 0.00	23.18 1.28 0.00	23.72 1.29 -0.01	23.14 1.24 0.00	28.25 1.44 0.00	32.33 1.88 0.00	45.21 2.35 0.00	30.26 1.53 0.00	37.14 2.03 0.00	33.51 1.79 0.00	26.40 1.61 -0.74	23.07 1.44 -0.34
LIPA_MISC_IPP 23656	20.00 -0.31 -26.75	17.43 0.07 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.82 -0.22 -21.59	20.42 0.24 -16.33	22.16 0.59 -7.55	24.87 0.57 -12.88	21.23 0.99 -0.50	24.37 1.10 0.00	21.72 1.00 0.00	21.95 1.00 0.00	23.01 1.20 0.00	22.79 0.90 0.00	23.31 0.88 -0.01	22.74 0.84 0.00	27.82 1.01 0.00	31.86 1.41 0.00	44.60 1.75 0.00	29.86 1.13 0.00	36.66 1.55 0.00	33.07 1.36 0.00	22.24 1.29 3.09	21.14 1.26 1.41
LISF____SOLAR 323691	19.99 -0.32 -26.75	17.43 0.07 -15.17	19.05 -0.04 -20.15	19.56 -0.10 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.18 0.60 -7.55	24.87 0.57 -12.88	21.22 0.98 -0.50	24.36 1.09 0.00	21.69 0.98 0.00	21.92 0.97 0.00	22.98 1.17 0.00	22.76 0.86 0.00	23.28 0.86 -0.01	22.72 0.82 0.00	27.80 0.98 0.00	31.85 1.40 0.00	44.61 1.76 0.00	29.88 1.15 0.00	36.68 1.57 0.00	33.09 1.37 0.00	22.28 1.29 3.06	21.16 1.26 1.39
LITTLE FALLS____HYD 24013	-6.33 0.11 0.00	2.15 -0.05 0.00	-1.04 0.02 0.00	-2.49 0.04 0.00	-3.53 0.04 0.00	3.81 -0.03 0.00	13.95 -0.07 0.00	11.29 -0.12 0.00	19.47 -0.27 0.00	22.78 -0.48 0.00	20.37 -0.35 0.00	20.63 -0.32 0.00	21.44 -0.37 0.00	21.54 -0.36 0.00	22.13 -0.29 0.00	21.52 -0.37 0.00	26.44 -0.38 0.00	30.07 -0.37 0.00	42.61 -0.24 0.00	28.59 -0.14 0.00	34.91 -0.20 0.00	31.36 -0.36 0.00	23.72 -0.32 0.00	20.93 -0.35 0.00
LITTLRIV_115KV_TB1 356100	-13.37 0.83 7.76	2.44 -0.18 -0.42	-0.40 0.10 -0.56	-1.68 0.24 -0.61	-2.65 0.32 -0.60	3.85 -0.44 -0.45	5.23 -1.73 7.06	10.30 -1.50 -0.37	17.16 -2.60 -0.01	20.37 -2.89 0.00	17.86 -2.86 0.00	18.01 -2.94 0.00	19.34 -2.48 0.00	19.40 -2.49 0.00	19.36 -3.06 0.00	18.76 -3.13 0.01	14.46 -3.84 8.51	-39.49 -4.27 65.66	37.70 -5.15 0.00	25.31 -3.42 0.00	31.42 -3.69 0.00	29.40 -2.32 0.00	22.63 -1.42 0.00	19.75 -1.54 0.00
LI_NEWBRDGE____DRP 323616	20.06 -0.25 -26.75	17.43 0.07 -15.17	19.06 -0.03 -20.15	19.59 -0.08 -22.20	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.13 0.56 -7.55	24.84 0.54 -12.88	21.20 0.96 -0.50	24.37 1.10 0.00	21.77 1.05 0.00	22.02 1.07 0.00	23.02 1.21 0.01	22.97 1.07 0.00	23.51 1.08 -0.01	22.92 1.02 0.00	27.97 1.16 0.00	31.95 1.50 0.00	44.63 1.78 0.00	29.86 1.13 0.00	36.59 1.48 0.00	33.00 1.28 0.00	20.23 1.25 5.07	20.05 1.07 2.31
LOCKPORT_115KV_TB60_63_64 80432	-2.34 -0.15 -4.26	4.63 0.02 -2.41	2.12 -0.03 -3.21	0.91 -0.09 -3.54	-0.23 -0.10 -3.44	6.47 0.03 -2.60	15.21 -0.02 -1.20	13.43 -0.10 -2.11	19.67 -0.15 -0.08	23.20 -0.07 0.00	20.74 0.02 0.00	20.94 -0.01 0.00	21.93 0.11 0.00	22.03 0.13 0.00	22.52 0.10 0.00	22.14 0.24 0.00	27.11 0.30 0.00	30.42 -0.03 0.00	42.53 -0.32 0.00	28.54 -0.18 0.00	34.73 -0.37 0.00	31.60 -0.12 0.00	23.82 -0.22 0.00	21.03 -0.26 0.00
LOCKPORT____CC1 323769	-2.31 -0.15 -4.28	4.65 0.02 -2.43	2.13 -0.03 -3.23	0.94 -0.09 -3.56	-0.21 -0.11 -3.46	6.48 0.02 -2.62	15.22 -0.01 -1.21	13.45 -0.08 -2.12	19.69 -0.13 -0.08	23.23 -0.04 0.00	20.76 0.04 0.00	20.96 0.01 0.00	21.94 0.13 0.00	22.03 0.13 0.00	22.53 0.11 0.00	22.14 0.24 0.00	27.12 0.30 0.00	30.42 -0.03 0.00	42.53 -0.33 0.00	28.52 -0.21 0.00	34.72 -0.38 0.00	31.59 -0.12 0.00	23.80 -0.24 0.00	21.02 -0.26 0.00
LOCKPORT____CC2 323770	-2.31 -0.15 -4.28	4.65 0.02 -2.43	2.13 -0.03 -3.23	0.94 -0.09 -3.56	-0.21 -0.11 -3.46	6.48 0.02 -2.62	15.22 -0.01 -1.21	13.45 -0.08 -2.12	19.69 -0.13 -0.08	23.23 -0.04 0.00	20.76 0.04 0.00	20.96 0.01 0.00	21.94 0.13 0.00	22.03 0.13 0.00	22.53 0.11 0.00	22.14 0.24 0.00	27.12 0.30 0.00	30.42 -0.03 0.00	42.53 -0.33 0.00	28.52 -0.21 0.00	34.72 -0.38 0.00	31.59 -0.12 0.00	23.80 -0.24 0.00	21.02 -0.26 0.00
LOCKPORT____CC3 323771	-2.31 -0.15 -4.28	4.65 0.02 -2.43	2.13 -0.03 -3.23	0.94 -0.09 -3.56	-0.21 -0.11 -3.46	6.48 0.02 -2.62	15.22 -0.01 -1.21	13.45 -0.08 -2.12	19.69 -0.13 -0.08	23.23 -0.04 0.00	20.76 0.04 0.00	20.96 0.01 0.00	21.94 0.13 0.00	22.03 0.13 0.00	22.53 0.11 0.00	22.14 0.24 0.00	27.12 0.30 0.00	30.42 -0.03 0.00	42.53 -0.33 0.00	28.52 -0.21 0.00	34.72 -0.38 0.00	31.59 -0.12 0.00	23.80 -0.24 0.00	21.02 -0.26 0.00

LONG_LAKE_PHOENIX 24014	-4.38 0.03 -2.03	3.47 -0.02 -1.30	0.66 0.00 -1.72	-0.63 0.01 -1.89	-1.70 0.02 -1.85	5.22 -0.02 -1.40	14.38 -0.07 -0.43	12.46 -0.09 -1.13	19.63 -0.15 -0.04	23.09 -0.17 0.00	20.53 -0.19 0.00	20.75 -0.20 0.00	21.58 -0.23 0.00	21.69 -0.21 0.00	22.23 -0.19 0.00	21.70 -0.19 0.00	26.59 -0.22 0.00	30.15 -0.30 0.00	42.46 -0.39 0.00	28.50 -0.23 0.00	34.83 -0.30 -0.03	31.47 -0.27 -0.03	23.80 -0.25 0.00	21.12 -0.17 0.00
LOVETT___3 23632	19.10 -0.27 -25.81	16.92 0.09 -14.64	18.35 -0.03 -19.45	18.81 -0.08 -21.42	17.15 -0.13 -20.84	19.75 0.15 -15.76	21.84 0.53 -7.29	24.32 0.49 -12.42	21.10 0.88 -0.48	24.32 1.05 0.00	21.71 1.00 0.00	22.01 1.06 0.00	22.93 1.12 0.00	23.00 1.10 0.00	23.56 1.14 -0.01	22.98 1.08 0.00	28.07 1.25 0.00	31.98 1.54 0.00	44.71 1.86 0.00	29.90 1.16 0.00	36.54 1.44 0.00	32.95 1.23 0.00	25.08 1.03 0.00	22.10 0.81 0.00
LOVETT___4 23642	19.10 -0.27 -25.81	16.92 0.09 -14.64	18.35 -0.03 -19.45	18.81 -0.08 -21.42	17.15 -0.13 -20.84	19.75 0.15 -15.76	21.84 0.53 -7.29	24.32 0.49 -12.42	21.10 0.88 -0.48	24.32 1.05 0.00	21.71 1.00 0.00	22.01 1.06 0.00	22.93 1.12 0.00	23.00 1.10 0.00	23.56 1.14 -0.01	22.98 1.08 0.00	28.07 1.25 0.00	31.98 1.54 0.00	44.71 1.86 0.00	29.90 1.16 0.00	36.54 1.44 0.00	32.95 1.23 0.00	25.08 1.03 0.00	22.10 0.81 0.00
LOVETT___5 23593	19.10 -0.27 -25.81	16.92 0.09 -14.64	18.35 -0.03 -19.45	18.81 -0.08 -21.42	17.15 -0.13 -20.84	19.75 0.15 -15.76	21.84 0.53 -7.29	24.32 0.49 -12.42	21.10 0.88 -0.48	24.32 1.05 0.00	21.71 1.00 0.00	22.01 1.06 0.00	22.93 1.12 0.00	23.00 1.10 0.00	23.56 1.14 -0.01	22.98 1.08 0.00	28.07 1.25 0.00	31.98 1.54 0.00	44.71 1.86 0.00	29.90 1.16 0.00	36.54 1.44 0.00	32.95 1.23 0.00	25.08 1.03 0.00	22.10 0.81 0.00
LOWER_RAQUET___HYD 24057	-13.15 0.86 7.58	2.43 -0.20 -0.43	-0.38 0.11 -0.57	-1.65 0.26 -0.62	-2.61 0.34 -0.61	3.83 -0.48 -0.46	5.29 -1.82 6.91	10.23 -1.57 -0.38	17.02 -2.74 -0.01	20.15 -3.12 0.00	17.62 -3.10 0.00	17.80 -3.15 0.00	19.16 -2.65 0.00	19.21 -2.68 0.00	19.14 -3.27 0.00	18.55 -3.34 0.01	14.08 -4.08 8.66	-40.87 -4.54 66.77	37.29 -5.57 0.00	25.02 -3.71 0.00	31.08 -4.03 0.00	29.12 -2.60 0.00	22.45 -1.59 0.00	19.62 -1.66 0.00
LOWER___HUDSON 24059	27.90 -0.18 -34.53	21.84 0.07 -19.58	24.85 -0.04 -25.95	25.97 -0.09 -28.59	24.12 -0.14 -27.82	24.98 0.11 -21.03	24.23 0.48 -9.73	28.48 0.40 -16.66	20.99 0.60 -0.65	23.95 0.68 0.00	21.32 0.60 0.00	21.61 0.66 0.00	22.53 0.72 0.00	22.63 0.73 0.00	23.18 0.78 0.02	22.50 0.60 0.00	27.46 0.64 0.00	31.47 1.03 0.00	44.35 1.50 0.00	29.73 1.01 0.00	36.40 1.29 0.00	32.77 1.06 0.00	24.86 0.81 0.00	21.98 0.70 0.00
LOWVILLE_115KV_TB2 356335	-7.36 0.22 1.14	2.76 -0.08 -0.65	-0.17 0.02 -0.86	-1.52 0.06 -0.95	-2.54 0.10 -0.93	4.46 -0.08 -0.70	12.17 -0.21 1.63	11.68 -0.31 -0.57	19.19 -0.57 -0.02	22.49 -0.77 0.00	19.91 -0.81 0.00	20.22 -0.73 0.00	21.28 -0.54 0.00	21.37 -0.53 0.00	21.75 -0.67 0.00	21.26 -0.64 0.00	27.97 -0.76 -1.90	44.29 -0.85 -14.69	42.25 -0.60 0.00	28.61 -0.12 0.00	35.38 0.27 -0.01	32.25 0.52 -0.01	24.42 0.38 0.00	21.45 0.16 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	28.42 -0.33 -35.19	22.26 0.11 -19.96	25.36 -0.05 -26.47	26.50 -0.13 -29.16	24.61 -0.20 -28.37	25.49 0.20 -21.45	24.72 0.77 -9.92	29.07 0.64 -17.01	21.44 1.04 -0.66	24.51 1.24 0.00	21.80 1.08 0.00	22.07 1.12 0.00	22.97 1.16 0.00	23.07 1.17 0.00	23.66 1.26 0.02	23.11 1.21 0.00	28.28 1.46 0.00	32.33 1.89 0.00	45.63 2.78 0.00	30.56 1.83 0.00	37.36 2.25 0.00	33.63 1.91 0.00	25.46 1.41 0.00	22.47 1.19 0.00
LUTHERNY_35_KV_BK2 355980	28.42 -0.33 -35.19	22.26 0.11 -19.96	25.36 -0.05 -26.47	26.50 -0.13 -29.16	24.61 -0.20 -28.37	25.49 0.19 -21.45	24.72 0.78 -9.92	29.07 0.64 -17.01	21.46 1.06 -0.66	24.52 1.25 0.00	21.82 1.10 0.00	22.07 1.12 0.00	22.98 1.17 0.00	23.08 1.18 0.00	23.67 1.27 0.02	23.11 1.22 0.00	28.31 1.49 0.00	32.35 1.90 0.00	45.69 2.84 0.00	30.61 1.88 0.00	37.42 2.31 0.00	33.67 1.95 0.00	25.48 1.43 0.00	22.48 1.19 0.00
LWR___OSWEGATCHIE_HYD 23850	-10.52 0.55 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.18 -0.27 -0.61	8.47 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.70 0.00	20.19 -1.71 0.00	20.32 -2.10 0.00	19.79 -2.11 -0.01	28.92 -2.57 -4.68	49.06 -2.87 -21.48	39.54 -3.31 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
LYONS_FALL_HYD 23570	-6.74 0.10 0.39	2.76 -0.04 -0.61	-0.25 0.01 -0.81	-1.62 0.03 -0.89	-2.66 0.04 -0.87	4.47 -0.03 -0.65	13.03 -0.04 0.95	11.81 -0.14 -0.53	19.50 -0.26 -0.02	22.89 -0.37 0.00	20.31 -0.40 0.00	20.62 -0.33 0.00	21.59 -0.22 0.00	21.69 -0.21 0.00	22.13 -0.29 0.00	21.63 -0.26 0.00	27.77 -0.27 -1.22	39.55 -0.29 -9.40	42.87 0.01 0.00	28.94 0.21 0.00	35.63 0.52 0.00	32.34 0.62 0.00	24.47 0.42 0.00	21.52 0.23 0.00
MADISON___COUNTY_LFGE 323628	-5.23 -0.12 -1.33	3.20 0.03 -0.97	0.20 -0.02 -1.29	-1.16 -0.04 -1.42	-2.25 -0.06 -1.38	4.95 0.06 -1.04	14.49 0.31 -0.16	12.44 0.18 -0.85	20.07 0.30 -0.03	23.59 0.33 0.00	21.01 0.29 0.00	21.28 0.33 0.00	22.16 0.35 0.00	22.29 0.39 0.00	22.83 0.41 0.00	22.33 0.43 0.00	27.44 0.62 0.00	31.45 0.71 -0.29	44.04 1.18 0.00	29.63 0.90 0.00	36.27 1.16 0.00	32.73 1.01 0.00	24.67 0.62 0.00	21.74 0.46 0.00
MALONE___115KV_TB1 356076	-14.69 0.85 9.10	2.38 -0.17 -0.36	-0.48 0.11 -0.48	-1.77 0.24 -0.53	-2.74 0.31 -0.51	3.79 -0.44 -0.38	4.19 -1.69 8.15	10.36 -1.37 -0.31	17.42 -2.33 -0.01	20.80 -2.46 0.00	18.32 -2.40 0.00	18.48 -2.47 0.00	19.69 -2.12 0.00	19.73 -2.17 0.00	19.83 -2.59 0.00	19.16 -2.73 0.01	16.03 -3.30 7.49	-30.95 -3.63 57.76	38.60 -4.25 0.00	25.82 -2.91 0.00	31.85 -3.26 0.00	29.65 -2.08 0.00	22.78 -1.26 0.00	19.87 -1.41 0.00
MAPLEWOD_115KV_TB3 80458	27.80 -0.18 -34.43	21.79 0.07 -19.52	24.77 -0.04 -25.87	25.88 -0.09 -28.50	24.04 -0.13 -27.73	24.91 0.11 -20.97	24.20 0.48 -9.70	28.42 0.39 -16.61	21.00 0.61 -0.65	23.95 0.68 0.00	21.31 0.60 0.00	21.61 0.66 0.00	22.54 0.73 0.00	22.64 0.75 0.00	23.19 0.79 0.02	22.53 0.64 0.00	27.52 0.71 0.00	31.59 1.14 0.00	44.48 1.63 0.00	29.84 1.11 0.00	36.49 1.39 0.00	32.85 1.13 0.00	24.88 0.83 0.00	21.99 0.70 0.00
MAPLE_RIDGE_WT_1 323574	-17.89 0.51 11.96	2.06 -0.13 0.00	-0.99 0.08 0.00	-2.36 0.18 0.00	-3.31 0.25 0.00	3.52 -0.32 0.00	2.70 -1.10 10.23	10.55 -0.87 0.00	18.39 -1.35 0.00	21.91 -1.36 0.00	19.49 -1.23 0.00	19.77 -1.18 0.00	20.73 -1.08 0.00	20.80 -1.10 0.00	21.16 -1.26 0.00	20.60 -1.29 0.00	24.11 -1.58 1.12	20.02 -1.76 8.66	40.70 -2.15 0.00	27.25 -1.47 0.00	33.39 -1.72 0.00	30.49 -1.22 0.00	23.25 -0.80 0.00	20.46 -0.83 0.00

MAPLE_RIDGE_WT_2 323611	-17.89 0.51 11.96	2.06 -0.13 0.00	-0.99 0.08 0.00	-2.36 0.18 0.00	-3.31 0.25 0.00	3.52 -0.32 0.00	2.70 -1.10 10.23	10.55 -0.87 0.00	18.39 -1.35 0.00	21.91 -1.36 0.00	19.49 -1.23 0.00	19.77 -1.18 0.00	20.73 -1.08 0.00	20.80 -1.10 0.00	21.16 -1.26 0.00	20.60 -1.29 0.00	24.11 -1.58 1.12	20.02 -1.76 8.66	40.70 -2.15 0.00	27.25 -1.47 0.00	33.39 -1.72 0.00	30.49 -1.22 0.00	23.25 -0.80 0.00	20.46 -0.83 0.00
MARBLE_RIVER_WT_PWR 323696	-15.40 0.88 9.84	2.34 -0.18 -0.32	-0.52 0.11 -0.43	-1.81 0.25 -0.47	-2.78 0.32 -0.46	3.73 -0.46 -0.35	3.52 -1.76 8.74	10.29 -1.41 -0.28	17.40 -2.35 -0.01	20.79 -2.48 0.00	18.38 -2.34 0.00	18.52 -2.43 0.00	19.64 -2.17 0.00	19.69 -2.21 0.00	19.85 -2.57 0.00	19.16 -2.73 0.01	16.59 -3.30 6.93	-26.63 -3.63 53.44	38.61 -4.24 0.00	25.77 -2.96 0.00	31.73 -3.37 0.00	29.46 -2.26 0.00	22.64 -1.40 0.00	19.77 -1.51 0.00
MARSHVLE_115KV_TB1 80742	35.17 -0.46 -42.06	26.21 0.16 -23.85	30.54 -0.07 -31.68	32.20 -0.17 -34.90	30.15 -0.24 -33.94	29.80 0.29 -25.67	26.98 1.09 -11.87	32.75 0.91 -20.43	22.07 1.53 -0.80	25.11 1.84 0.00	22.23 1.51 0.00	22.44 1.50 0.00	23.41 1.60 0.00	23.48 1.58 0.00	23.94 1.53 0.01	23.46 1.56 0.00	28.77 1.95 0.00	32.80 2.35 0.00	46.09 3.24 0.00	30.99 2.26 0.00	37.84 2.73 0.00	34.36 2.65 0.00	25.98 1.94 0.00	22.96 1.67 0.00
MARSH_HILL_WT_PWR 323713	-0.95 -0.22 -5.72	5.46 0.03 -3.24	3.24 -0.01 -4.31	2.21 -0.01 -4.75	1.05 -0.01 -4.62	7.37 0.04 -3.49	15.81 0.16 -1.62	14.48 0.21 -2.85	20.48 0.62 -0.11	24.19 0.92 0.00	21.60 0.88 0.00	21.79 0.84 0.00	22.67 0.85 0.00	22.84 0.94 0.00	23.36 0.94 0.00	22.92 1.03 0.00	28.26 1.44 0.00	31.66 1.21 0.00	44.45 1.59 0.00	29.90 1.17 0.00	36.39 1.28 0.00	32.76 1.04 0.00	24.59 0.55 0.00	21.50 0.22 0.00
MCINTYRE_115KV_TB2 80467	-13.67 0.83 8.07	2.43 -0.17 -0.40	-0.42 0.10 -0.54	-1.71 0.23 -0.59	-2.67 0.32 -0.58	3.83 -0.44 -0.44	4.97 -1.74 7.31	10.29 -1.49 -0.36	17.21 -2.54 -0.01	20.51 -2.76 0.00	18.02 -2.69 0.00	18.16 -2.79 0.00	19.45 -2.36 0.00	19.49 -2.41 0.00	19.49 -2.93 0.00	18.89 -3.00 0.01	14.84 -3.69 8.28	-37.54 -4.11 63.88	37.93 -4.93 0.00	25.47 -3.26 0.00	31.57 -3.54 0.00	29.49 -2.23 0.00	22.67 -1.38 0.00	19.77 -1.51 0.00
MECO____69_KV_BK1 80468	32.87 -0.65 -39.96	25.07 0.22 -22.66	28.92 -0.10 -30.08	30.37 -0.24 -33.15	28.34 -0.34 -32.24	28.62 0.40 -24.38	26.85 1.55 -11.28	31.89 1.09 -19.39	22.25 1.76 -0.76	25.17 1.90 0.00	22.23 1.52 0.00	22.43 1.49 0.00	23.43 1.61 0.00	23.48 1.58 0.00	23.98 1.57 0.01	23.53 1.63 0.00	28.97 2.15 0.00	33.27 2.82 0.00	47.10 4.25 0.00	31.78 3.06 0.00	38.87 3.76 0.00	35.13 3.42 0.00	26.46 2.42 0.00	23.32 2.04 0.00
MENANDS__115KV_TB5 355628	27.75 -0.08 -34.26	21.66 0.03 -19.43	24.67 -0.02 -25.75	25.78 -0.05 -28.37	23.96 -0.08 -27.60	24.75 0.04 -20.87	23.92 0.25 -9.65	28.15 0.21 -16.53	20.67 0.28 -0.64	23.58 0.31 0.00	21.00 0.29 0.00	21.31 0.36 0.00	22.24 0.42 0.00	22.34 0.44 0.00	22.87 0.47 0.02	22.17 0.28 0.00	27.04 0.22 0.00	31.03 0.58 0.00	43.65 0.79 0.00	29.27 0.54 0.00	35.82 0.72 0.00	32.24 0.52 0.00	24.45 0.41 0.00	21.64 0.35 0.00
MG INDUSTRY___DRP 24185	26.89 -0.11 -33.44	21.20 0.05 -18.96	24.08 -0.02 -25.17	25.13 -0.06 -27.73	23.32 -0.09 -26.96	24.31 0.07 -20.39	23.78 0.33 -9.43	27.80 0.25 -16.13	20.73 0.36 -0.63	23.63 0.36 0.00	21.05 0.33 0.00	21.31 0.36 0.00	22.22 0.41 0.00	22.30 0.40 0.00	22.83 0.42 0.01	22.23 0.34 0.00	27.20 0.38 0.00	31.01 0.57 0.00	43.71 0.86 0.00	29.33 0.60 0.00	35.86 0.75 0.00	32.32 0.61 0.00	24.50 0.46 0.00	21.69 0.40 0.00
MID____OSWEGATCHIE_HYD 23849	-10.52 0.55 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.18 -0.27 -0.61	8.47 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.70 0.00	20.19 -1.71 0.00	20.32 -2.10 0.00	19.79 -2.11 -0.01	28.92 -2.57 -4.68	49.06 -2.87 -21.48	39.54 -3.31 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
MID____RAQUETTE_HYD 23851	-13.15 0.86 7.58	2.43 -0.20 -0.43	-0.38 0.11 -0.57	-1.65 0.25 -0.62	-2.60 0.35 -0.61	3.84 -0.47 -0.46	5.30 -1.81 6.91	10.23 -1.57 -0.38	17.02 -2.74 -0.01	20.15 -3.12 0.00	17.62 -3.10 0.00	17.80 -3.15 0.00	19.16 -2.65 0.00	19.21 -2.68 0.00	19.14 -3.27 0.00	18.55 -3.34 0.01	14.08 -4.08 8.66	-40.87 -4.54 66.77	37.29 -5.57 0.00	25.02 -3.71 0.00	31.08 -4.03 0.00	29.13 -2.60 0.00	22.45 -1.59 0.00	19.62 -1.66 0.00
MILLIKEN___1 23584	-1.07 -0.18 -5.55	5.40 0.06 -3.15	3.09 -0.03 -4.18	2.01 -0.07 -4.61	0.82 -0.10 -4.48	7.35 0.12 -3.39	16.02 0.43 -1.57	14.51 0.30 -2.79	20.36 0.51 -0.11	23.82 0.55 0.00	21.17 0.45 0.00	21.38 0.43 0.00	22.23 0.41 0.00	22.35 0.46 0.00	22.92 0.50 0.00	22.43 0.54 0.00	27.61 0.79 0.00	31.35 0.91 0.00	44.36 1.50 0.00	29.76 1.03 0.00	36.39 1.28 -0.01	32.85 1.12 -0.01	24.73 0.68 0.00	21.81 0.52 0.00
MILLIKEN___2 23585	-1.07 -0.18 -5.55	5.40 0.06 -3.15	3.09 -0.03 -4.18	2.01 -0.07 -4.61	0.82 -0.10 -4.48	7.35 0.12 -3.39	16.02 0.43 -1.57	14.51 0.30 -2.79	20.36 0.51 -0.11	23.82 0.55 0.00	21.17 0.45 0.00	21.38 0.43 0.00	22.23 0.41 0.00	22.35 0.46 0.00	22.92 0.50 0.00	22.43 0.54 0.00	27.61 0.79 0.00	31.35 0.91 0.00	44.36 1.50 0.00	29.76 1.03 0.00	36.39 1.28 -0.01	32.85 1.12 -0.01	24.73 0.68 0.00	21.81 0.52 0.00
MILLIKEN___DIESEL 23629	-1.07 -0.18 -5.55	5.40 0.06 -3.15	3.09 -0.03 -4.18	2.01 -0.07 -4.61	0.82 -0.10 -4.48	7.35 0.12 -3.39	16.02 0.43 -1.57	14.51 0.30 -2.79	20.36 0.51 -0.11	23.82 0.55 0.00	21.17 0.45 0.00	21.38 0.43 0.00	22.23 0.41 0.00	22.35 0.46 0.00	22.92 0.50 0.00	22.43 0.54 0.00	27.61 0.79 0.00	31.35 0.91 0.00	44.36 1.50 0.00	29.76 1.03 0.00	36.39 1.28 -0.01	32.85 1.12 -0.01	24.73 0.68 0.00	21.81 0.52 0.00
MILLSEAT___LFGE 323607	-2.40 -0.21 -4.25	4.64 0.04 -2.41	2.10 -0.04 -3.21	0.89 -0.10 -3.53	-0.26 -0.13 -3.44	6.50 0.06 -2.60	15.36 0.13 -1.20	13.56 0.03 -2.10	19.89 0.07 -0.08	23.42 0.15 0.00	20.91 0.20 0.00	21.14 0.19 0.00	22.14 0.33 0.00	22.24 0.34 0.00	22.75 0.33 0.00	22.36 0.47 0.00	27.42 0.60 0.00	30.81 0.36 0.00	43.21 0.35 0.00	29.05 0.32 0.00	35.39 0.28 0.00	32.16 0.44 0.00	24.16 0.12 0.00	21.31 0.02 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.86 -0.28 -26.59	17.36 0.09 -15.07	18.93 -0.03 -20.03	19.45 -0.08 -22.07	17.77 -0.13 -21.46	20.23 0.16 -16.23	22.09 0.57 -7.50	24.74 0.52 -12.80	21.19 0.95 -0.50	24.38 1.12 0.00	21.77 1.05 0.00	22.06 1.11 0.00	22.97 1.16 0.00	23.04 1.15 0.00	23.62 1.19 -0.01	23.03 1.14 0.00	28.12 1.30 0.00	32.05 1.60 0.00	44.82 1.96 0.00	29.97 1.24 0.00	36.63 1.52 0.00	33.03 1.31 0.00	25.14 1.10 0.00	22.17 0.88 0.00

MILLWOOD_13_KV_LOAD 356217	19.85 -0.30 -26.59	17.36 0.09 -15.07	18.93 -0.04 -20.03	19.44 -0.09 -22.07	17.76 -0.14 -21.46	20.24 0.16 -16.23	22.13 0.60 -7.50	24.77 0.55 -12.80	21.24 1.00 -0.50	24.44 1.17 0.00	21.82 1.11 0.00	22.11 1.16 0.00	23.04 1.22 0.00	23.10 1.20 0.00	23.68 1.24 -0.01	23.10 1.20 0.00	28.20 1.38 0.00	32.14 1.69 0.00	44.95 2.09 0.00	30.06 1.33 0.00	36.74 1.63 0.00	33.12 1.40 0.00	25.20 1.16 0.00	22.22 0.93 0.00
MODEL_CITY_ENERGY 24167	-2.21 -0.09 -4.32	4.65 0.00 -2.45	2.17 -0.02 -3.26	0.99 -0.07 -3.59	-0.15 -0.08 -3.49	6.48 0.00 -2.64	15.09 -0.15 -1.22	13.33 -0.22 -2.14	19.45 -0.38 -0.08	22.92 -0.35 0.00	20.51 -0.21 0.00	20.70 -0.25 0.00	21.68 -0.14 0.00	21.77 -0.13 0.00	22.26 -0.16 0.00	21.87 -0.03 0.00	26.78 -0.04 0.00	30.03 -0.42 0.00	41.96 -0.89 0.00	28.14 -0.59 0.00	34.25 -0.85 0.00	31.18 -0.53 0.00	23.50 -0.54 0.00	20.78 -0.51 0.00
MODERN_LFGE_ 323580	-2.21 -0.09 -4.32	4.65 0.00 -2.45	2.17 -0.02 -3.26	0.99 -0.07 -3.59	-0.15 -0.08 -3.49	6.48 0.00 -2.64	15.09 -0.15 -1.22	13.33 -0.22 -2.14	19.45 -0.38 -0.08	22.92 -0.35 0.00	20.51 -0.21 0.00	20.70 -0.25 0.00	21.68 -0.14 0.00	21.77 -0.13 0.00	22.26 -0.16 0.00	21.87 -0.03 0.00	26.78 -0.04 0.00	30.03 -0.42 0.00	41.96 -0.89 0.00	28.14 -0.59 0.00	34.25 -0.85 0.00	31.18 -0.53 0.00	23.50 -0.54 0.00	20.78 -0.51 0.00
MOHAWK_PAPER___DRP 24187	27.80 -0.18 -34.43	21.79 0.07 -19.52	24.77 -0.04 -25.87	25.88 -0.09 -28.50	24.04 -0.13 -27.73	24.91 0.11 -20.97	24.20 0.48 -9.70	28.42 0.39 -16.61	21.00 0.61 -0.65	23.95 0.68 0.00	21.31 0.60 0.00	21.61 0.66 0.00	22.54 0.73 0.00	22.64 0.75 0.00	23.19 0.79 0.02	22.53 0.64 0.00	27.52 0.71 0.00	31.59 1.14 0.00	44.48 1.63 0.00	29.84 1.11 0.00	36.49 1.39 0.00	32.85 1.13 0.00	24.88 0.83 0.00	21.99 0.70 0.00
MOHICAN__35_KV_115KV_LD 80490	28.33 -0.46 -35.23	22.32 0.14 -19.98	25.37 -0.07 -26.50	26.50 -0.17 -29.20	24.57 -0.27 -28.40	25.59 0.27 -21.48	24.99 1.03 -9.93	29.27 0.82 -17.03	21.75 1.35 -0.66	25.00 1.73 0.00	22.19 1.48 0.00	22.42 1.47 0.00	23.29 1.48 0.00	23.39 1.49 0.00	24.07 1.67 0.02	23.61 1.72 0.00	28.93 2.11 0.00	33.04 2.59 0.00	46.83 3.98 0.00	31.23 2.50 0.00	38.19 3.09 0.00	34.38 2.66 0.00	26.01 1.97 0.00	22.94 1.65 0.00
MONGAUP___HYD 23641	17.61 -0.31 -24.37	16.10 0.09 -13.82	17.26 -0.04 -18.36	17.60 -0.09 -20.22	15.97 -0.14 -19.67	18.89 0.17 -14.88	21.50 0.60 -6.88	23.63 0.49 -11.71	21.03 0.84 -0.46	24.15 0.89 0.00	21.48 0.76 0.00	21.71 0.76 0.00	22.59 0.77 0.00	22.64 0.74 0.00	23.20 0.77 -0.01	22.66 0.77 0.00	27.78 0.96 0.00	31.77 1.32 0.00	44.73 1.88 0.00	30.01 1.28 0.00	36.75 1.65 0.00	33.19 1.47 0.00	25.18 1.14 0.00	22.18 0.89 0.00
MONTAUK___DIESEL 23721	19.76 -0.55 -26.75	17.51 0.15 -15.17	19.01 -0.08 -20.15	19.47 -0.20 -22.20	17.67 -0.36 -21.59	20.58 0.40 -16.33	22.73 1.16 -7.55	25.36 1.06 -12.88	22.10 1.85 -0.50	25.35 2.08 0.00	22.56 1.84 0.00	22.83 1.88 0.00	23.93 2.12 0.00	23.64 1.74 0.00	24.19 1.76 -0.01	23.62 1.73 0.00	28.97 2.15 0.00	33.22 2.77 0.00	46.56 3.71 0.00	31.17 2.44 0.00	38.16 3.06 0.00	34.37 2.66 0.00	23.19 2.23 3.08	21.96 2.08 1.40
MOONROAD_115KV_HARTFLD_TB1-2 355988	-1.68 -0.20 -4.95	5.05 0.04 -2.81	2.65 -0.03 -3.74	1.54 -0.04 -4.11	0.39 -0.05 -4.00	6.93 0.06 -3.03	15.63 0.19 -1.42	14.22 0.30 -2.51	20.78 0.95 -0.10	24.91 1.64 0.00	22.39 1.67 0.00	22.67 1.72 0.00	23.57 1.75 0.00	23.70 1.80 0.00	24.28 1.86 0.00	23.84 1.94 0.00	29.21 2.39 0.00	32.71 2.27 0.00	45.76 2.91 0.00	30.66 1.93 0.00	37.31 2.21 0.00	33.74 2.02 0.00	25.32 1.28 0.00	22.23 0.94 0.00
MORTIMER_115KV_TB3 55949	-3.13 -0.13 -3.44	4.17 0.03 -1.95	1.51 -0.03 -2.60	0.26 -0.07 -2.86	-0.86 -0.08 -2.78	5.98 0.04 -2.10	15.14 0.15 -0.97	13.21 0.09 -1.70	19.92 0.11 -0.07	23.49 0.23 0.00	20.96 0.24 0.00	21.16 0.21 0.00	22.08 0.26 0.00	22.19 0.29 0.00	22.72 0.30 0.00	22.30 0.40 0.00	27.34 0.53 0.00	30.87 0.43 0.00	43.29 0.43 0.00	29.06 0.33 0.00	35.42 0.31 0.00	32.11 0.39 0.00	24.22 0.17 0.00	21.37 0.09 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.50 1.23 0.00	21.87 1.16 0.00	22.16 1.21 0.00	23.10 1.29 0.00	23.16 1.27 0.00	23.74 1.32 -0.01	23.16 1.26 0.00	28.27 1.45 0.00	32.18 1.73 0.00	44.95 2.09 0.00	30.07 1.34 0.00	36.73 1.63 0.00	33.13 1.42 0.00	25.25 1.20 0.00	22.26 0.97 0.00
MUNSVILLE_WIND_PWR 323609	1.50 -0.38 -8.32	7.03 0.12 -4.72	5.15 -0.05 -6.27	4.25 -0.12 -6.91	2.98 -0.17 -6.72	9.15 0.23 -5.08	17.31 0.92 -2.36	16.72 0.76 -4.54	21.19 1.27 -0.18	24.69 1.43 0.00	21.93 1.21 0.00	22.17 1.22 0.00	23.13 1.31 0.00	23.29 1.39 0.00	23.88 1.46 0.00	23.37 1.47 0.00	28.87 2.05 0.00	32.90 2.45 0.00	46.74 3.89 0.00	31.54 2.81 0.00	38.57 3.46 -0.01	34.71 2.98 -0.01	25.96 1.92 0.00	22.69 1.40 0.00
N SALMON___HYD 24042	-14.69 0.85 9.10	2.38 -0.18 -0.36	-0.48 0.11 -0.48	-1.77 0.24 -0.53	-2.74 0.31 -0.51	3.78 -0.45 -0.38	4.17 -1.70 8.15	10.36 -1.37 -0.31	17.42 -2.33 -0.01	20.80 -2.46 0.00	18.32 -2.40 0.00	18.48 -2.47 0.00	19.69 -2.12 0.00	19.72 -2.17 0.00	19.83 -2.59 0.00	19.16 -2.73 0.01	16.03 -3.30 7.49	-30.94 -3.63 57.76	38.60 -4.25 0.00	25.82 -2.91 0.00	31.85 -3.26 0.00	29.65 -2.08 0.00	22.79 -1.26 0.00	19.87 -1.41 0.00
N.AKRON__115KV_KNAPP 355671	-2.40 -0.20 -4.25	4.64 0.03 -2.41	2.10 -0.04 -3.20	0.89 -0.10 -3.53	-0.26 -0.12 -3.43	6.50 0.06 -2.59	15.35 0.12 -1.20	13.54 0.02 -2.10	19.90 0.07 -0.08	23.44 0.17 0.00	20.93 0.22 0.00	21.17 0.22 0.00	22.17 0.36 0.00	22.28 0.38 0.00	22.78 0.36 0.00	22.38 0.48 0.00	27.43 0.61 0.00	30.81 0.37 0.00	43.17 0.32 0.00	29.03 0.30 0.00	35.34 0.23 0.00	32.12 0.41 0.00	24.16 0.12 0.00	21.30 0.02 0.00
N.BELMOR_69_KV_BK1 55787	20.00 -0.30 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.86 -0.17 -21.59	20.37 0.20 -16.33	22.23 0.66 -7.55	24.93 0.63 -12.88	21.31 1.07 -0.50	24.50 1.23 0.00	21.84 1.12 0.00	22.11 1.16 0.00	23.15 1.33 -0.01	23.10 1.20 0.00	23.65 1.22 -0.01	23.10 1.20 0.00	28.20 1.38 0.00	32.21 1.76 0.00	45.01 2.16 0.00	30.12 1.39 0.00	36.92 1.81 0.00	33.31 1.59 0.00	34.65 1.45 -9.16	26.68 1.23 -4.17
N.E._GEN_SANDY PD 24062	24.16 -0.15 -30.75	19.70 0.06 -17.44	21.98 -0.03 -23.07	22.80 -0.07 -25.41	21.04 -0.12 -24.72	27.98 0.10 -24.04	23.10 0.43 -8.64	26.58 0.38 -14.78	20.93 0.61 -0.58	27.04 0.66 -3.11	20.84 0.63 0.51	21.67 0.68 -0.04	22.76 0.73 -0.21	22.89 0.74 -0.25	23.11 0.77 0.08	22.48 0.58 0.00	28.65 0.56 -1.28	31.43 0.98 0.00	44.19 1.33 0.00	29.58 0.85 0.00	36.22 1.12 0.00	32.60 0.88 0.00	24.77 0.72 0.00	21.91 0.63 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.03 -0.28 -25.76	16.89 0.09 -14.61	18.31 -0.03 -19.41	18.76 -0.09 -21.38	17.10 -0.13 -20.80	19.72 0.15 -15.73	21.85 0.55 -7.27	24.31 0.50 -12.40	21.13 0.91 -0.48	24.35 1.08 0.00	21.74 1.02 0.00	22.04 1.09 0.00	22.96 1.15 0.00	23.04 1.14 0.00	23.61 1.18 -0.01	23.02 1.12 0.00	28.12 1.30 0.00	32.05 1.60 0.00	44.80 1.94 0.00	29.95 1.22 0.00	36.61 1.50 0.00	33.01 1.29 0.00	25.11 1.07 0.00	22.12 0.84 0.00
N. QUEENS_27_KV_LOAD 356247	19.98 -0.32 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.33	22.15 0.59 -7.55	24.87 0.58 -12.88	21.31 1.08 -0.50	24.48 1.21 0.00	21.85 1.13 0.00	22.14 1.19 0.00	23.08 1.27 0.00	23.15 1.25 0.00	23.71 1.28 -0.01	23.13 1.23 0.00	28.20 1.39 0.00	32.08 1.63 0.00	44.76 1.90 0.00	29.97 1.25 0.00	36.62 1.52 0.00	33.07 1.36 0.00	25.23 1.18 0.00	22.23 0.95 0.00
N. TROY___115KV_TB1 355778	27.90 -0.18 -34.53	21.84 0.07 -19.58	24.85 -0.04 -25.95	25.97 -0.09 -28.59	24.12 -0.13 -27.82	24.98 0.11 -21.03	24.23 0.48 -9.73	28.48 0.40 -16.66	20.99 0.60 -0.65	23.95 0.68 0.00	21.32 0.60 0.00	21.61 0.66 0.00	22.53 0.72 0.00	22.63 0.73 0.00	23.18 0.78 0.02	22.50 0.61 0.00	27.46 0.64 0.00	31.47 1.02 0.00	44.35 1.50 0.00	29.74 1.01 0.00	36.40 1.29 0.00	32.77 1.06 0.00	24.86 0.81 0.00	21.98 0.70 0.00
NARROWS_GT1_1 24228	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_2 24229	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_3 24230	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_4 24231	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_5 24232	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_6 24233	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_7 24234	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT1_8 24235	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_1 24236	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_2 24237	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_3 24238	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_4 24239	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00

NARROWS_GT2_5 24240	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_6 24241	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_7 24242	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NARROWS_GT2_8 24243	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.28 -0.17 -31.89	20.34 0.07 -18.08	22.89 -0.04 -23.99	23.81 -0.09 -26.43	22.02 -0.12 -25.71	23.40 0.11 -19.44	23.50 0.49 -8.99	27.17 0.39 -15.36	20.85 0.51 -0.60	23.73 0.46 0.00	21.07 0.35 0.00	21.35 0.39 0.00	22.32 0.51 0.00	22.39 0.50 0.00	22.95 0.54 0.01	22.30 0.40 0.00	27.31 0.50 0.00	31.37 0.92 0.00	44.38 1.53 0.00	29.87 1.15 0.00	36.61 1.51 0.00	32.95 1.23 0.00	24.91 0.87 0.00	21.98 0.69 0.00
NCHELSEA_115KV_TR2 355582	19.93 -0.32 -26.69	17.43 0.10 -15.13	19.00 -0.04 -20.10	19.52 -0.10 -22.15	17.83 -0.16 -21.55	20.32 0.19 -16.29	22.23 0.68 -7.53	24.87 0.61 -12.84	21.33 1.10 -0.50	24.53 1.27 0.00	21.90 1.18 0.00	22.17 1.23 0.00	23.09 1.28 0.00	23.16 1.27 0.00	23.74 1.32 -0.01	23.19 1.29 0.00	28.37 1.55 0.00	32.36 1.92 0.00	45.34 2.49 0.00	30.32 1.59 0.00	37.04 1.93 0.00	33.37 1.66 0.00	25.36 1.32 0.00	22.35 1.06 0.00
NEG CAPITAL___MECHNVIL 23645	28.22 -0.32 -34.99	22.14 0.11 -19.84	25.20 -0.05 -26.31	26.33 -0.13 -28.99	24.44 -0.19 -28.20	25.35 0.19 -21.32	24.63 0.75 -9.86	28.95 0.63 -16.90	21.41 1.01 -0.66	24.46 1.19 0.00	21.78 1.06 0.00	22.04 1.09 0.00	22.96 1.14 0.00	23.07 1.17 0.00	23.64 1.24 0.02	23.08 1.19 0.00	28.25 1.43 0.00	32.33 1.89 0.00	45.60 2.75 0.00	30.55 1.82 0.00	37.35 2.24 0.00	33.60 1.89 0.00	25.44 1.39 0.00	22.45 1.17 0.00
NEG CENTRAL_HIGH_ACRES 23767	-3.10 -0.01 -3.35	4.08 -0.01 -1.90	1.46 0.00 -2.53	0.24 -0.01 -2.78	-0.87 -0.01 -2.71	5.86 -0.03 -2.05	14.91 -0.06 -0.95	13.01 -0.07 -1.66	19.65 -0.15 -0.06	23.16 -0.11 0.00	20.65 -0.07 0.00	20.85 -0.10 0.00	21.76 -0.05 0.00	21.92 0.02 0.00	22.42 0.00 0.00	22.02 0.12 0.00	26.99 0.17 0.00	30.50 0.06 0.00	42.50 -0.35 0.00	28.66 -0.07 0.00	34.95 -0.16 0.00	31.63 -0.09 0.00	23.82 -0.23 0.00	21.03 -0.26 0.00
NEG CENTRAL___DRP 24199	-2.91 -0.12 -3.65	4.30 0.03 -2.07	1.67 -0.02 -2.75	0.45 -0.04 -3.03	-0.67 -0.06 -2.95	6.16 0.08 -2.23	15.31 0.26 -1.03	13.41 0.18 -1.81	20.15 0.33 -0.07	23.66 0.39 0.00	21.06 0.34 0.00	21.27 0.32 0.00	22.13 0.32 0.00	22.25 0.35 0.00	22.81 0.39 0.00	22.35 0.46 0.00	27.50 0.68 0.00	31.11 0.66 0.00	43.81 0.96 0.00	29.40 0.67 0.00	35.89 0.77 -0.01	32.42 0.69 -0.01	24.44 0.39 0.00	21.55 0.26 0.00
NEG CENTRAL___INDECK 23768	-1.96 -0.34 -4.81	5.01 0.08 -2.73	2.52 -0.05 -3.63	1.35 -0.12 -4.00	0.17 -0.15 -3.89	6.92 0.14 -2.94	15.92 0.54 -1.36	14.08 0.27 -2.39	20.02 0.19 -0.09	23.53 0.26 0.00	20.98 0.27 0.00	21.16 0.21 0.00	22.06 0.25 0.00	22.52 0.63 0.00	22.75 0.33 0.00	22.25 0.35 0.00	27.39 0.57 0.00	30.87 0.42 0.00	43.44 0.59 0.00	29.49 0.76 0.00	36.07 0.97 0.00	32.68 0.97 0.00	25.03 0.98 0.00	22.08 0.80 0.00
NEG CENTRAL___SENECA 23627	-2.56 -0.16 -4.04	4.53 0.04 -2.29	1.96 -0.02 -3.05	0.76 -0.06 -3.36	-0.38 -0.08 -3.27	6.42 0.11 -2.47	15.49 0.33 -1.14	13.66 0.24 -2.01	20.28 0.45 -0.08	23.82 0.55 0.00	21.21 0.50 0.00	21.42 0.47 0.00	22.28 0.47 0.00	22.41 0.51 0.00	22.97 0.55 0.00	22.54 0.64 0.00	27.75 0.93 0.00	31.31 0.87 0.00	44.07 1.22 0.00	29.63 0.90 0.00	36.12 1.01 0.00	32.62 0.90 0.00	24.59 0.55 0.00	21.63 0.34 0.00
NEG CENTRAL___STATE_STREET 24147	-2.98 -0.11 -3.57	4.26 0.04 -2.02	1.61 -0.02 -2.69	0.38 -0.05 -2.96	-0.75 -0.07 -2.88	6.12 0.09 -2.18	15.36 0.33 -1.01	13.46 0.26 -1.78	20.25 0.44 -0.07	23.77 0.50 0.00	21.14 0.43 0.00	21.36 0.41 0.00	22.21 0.40 0.00	22.34 0.44 0.00	22.89 0.47 0.00	22.42 0.52 0.00	27.56 0.74 0.00	31.36 0.91 0.00	44.30 1.45 0.00	29.56 0.83 0.00	36.17 1.05 -0.01	32.70 0.97 -0.01	24.59 0.55 0.00	21.72 0.43 0.00
NEG MILLWOOD___DRP 24198	20.23 -0.33 -26.99	17.60 0.10 -15.30	19.23 -0.04 -20.33	19.77 -0.10 -22.40	18.07 -0.16 -21.79	20.51 0.19 -16.48	22.34 0.70 -7.62	25.05 0.63 -13.00	21.39 1.15 -0.51	24.60 1.33 0.00	21.96 1.24 0.00	22.23 1.28 0.00	23.15 1.33 0.00	23.22 1.32 0.00	23.80 1.37 -0.01	23.23 1.34 0.00	28.41 1.59 0.00	32.41 1.96 0.00	45.39 2.54 0.00	30.35 1.62 0.00	37.09 1.98 0.00	33.42 1.70 0.00	25.40 1.35 0.00	22.37 1.09 0.00
NEG NORTH_FLCN_SEA 23793	-15.45 0.80 9.81	2.37 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.82 0.29 -0.46	3.79 -0.41 -0.35	3.73 -1.58 8.72	10.44 -1.26 -0.28	17.63 -2.12 -0.01	21.09 -2.18 0.00	18.63 -2.09 0.00	18.76 -2.19 0.00	19.88 -1.93 0.00	19.95 -1.94 0.00	20.14 -2.28 0.00	19.41 -2.48 0.01	16.88 -2.98 6.95	-26.40 -3.24 53.60	39.20 -3.65 0.00	26.14 -2.59 0.00	32.20 -2.91 0.00	29.87 -1.85 0.00	22.94 -1.10 0.00	20.04 -1.24 0.00
NEG NORTH_KES_CHATEGAY 23792	-15.16 0.90 9.62	2.34 -0.18 -0.33	-0.51 0.11 -0.44	-1.79 0.25 -0.49	-2.75 0.33 -0.47	3.74 -0.46 -0.36	3.67 -1.79 8.57	10.27 -1.44 -0.29	17.33 -2.42 -0.01	20.72 -2.55 0.00	18.30 -2.41 0.00	18.44 -2.51 0.00	19.57 -2.24 0.00	19.64 -2.26 0.00	19.80 -2.62 0.00	19.11 -2.78 0.01	16.37 -3.35 7.10	-27.97 -3.69 54.72	38.52 -4.33 0.00	25.73 -3.00 0.00	31.69 -3.41 0.00	29.43 -2.29 0.00	22.63 -1.42 0.00	19.75 -1.54 0.00

NEG NORTH___ALICE_FALLS 23915	-15.41 0.81 9.78	2.37 -0.16 -0.32	-0.52 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.29 -0.46	3.78 -0.41 -0.35	3.74 -1.59 8.70	10.43 -1.27 -0.28	17.60 -2.15 -0.01	21.02 -2.25 0.00	18.56 -2.15 0.00	18.69 -2.26 0.00	19.83 -1.98 0.00	19.89 -2.01 0.00	20.06 -2.36 0.00	19.35 -2.55 0.01	16.80 -3.05 6.97	-26.62 -3.29 53.78	39.18 -3.68 0.00	26.16 -2.57 0.00	32.21 -2.89 0.00	29.89 -1.83 0.00	22.95 -1.10 0.00	20.03 -1.26 0.00
NEG NORTH___LWR_SARANAC 23913	-15.41 0.81 9.78	2.37 -0.16 -0.32	-0.52 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.29 -0.46	3.78 -0.41 -0.35	3.74 -1.59 8.70	10.43 -1.27 -0.28	17.60 -2.15 -0.01	21.02 -2.25 0.00	18.56 -2.15 0.00	18.69 -2.26 0.00	19.83 -1.98 0.00	19.89 -2.01 0.00	20.06 -2.36 0.00	19.35 -2.55 0.01	16.80 -3.05 6.97	-26.62 -3.29 53.78	39.18 -3.68 0.00	26.16 -2.57 0.00	32.21 -2.89 0.00	29.89 -1.83 0.00	22.95 -1.10 0.00	20.03 -1.26 0.00
NEG NORTH___PLATTSBURG 23628	-15.41 0.81 9.78	2.37 -0.16 -0.32	-0.52 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.28 -0.46	3.77 -0.43 -0.35	3.73 -1.60 8.70	10.42 -1.28 -0.28	17.60 -2.15 -0.01	21.02 -2.25 0.00	18.56 -2.15 0.00	18.69 -2.26 0.00	19.83 -1.98 0.00	19.89 -2.01 0.00	20.06 -2.36 0.00	19.35 -2.54 0.01	16.80 -3.05 6.97	-26.62 -3.28 53.78	39.18 -3.68 0.00	26.16 -2.57 0.00	32.22 -2.89 0.00	29.88 -1.84 0.00	22.95 -1.09 0.00	20.03 -1.26 0.00
NEG WEST_LEA_LOCKPORT 23791	-2.31 -0.15 -4.28	4.65 0.02 -2.43	2.13 -0.03 -3.23	0.94 -0.09 -3.56	-0.20 -0.10 -3.46	6.49 0.03 -2.62	15.22 -0.02 -1.21	13.45 -0.09 -2.12	19.69 -0.13 -0.08	23.23 -0.04 0.00	20.76 0.04 0.00	20.96 0.01 0.00	21.94 0.12 0.00	22.03 0.13 0.00	22.53 0.11 0.00	22.14 0.24 0.00	27.12 0.30 0.00	30.42 -0.03 0.00	42.51 -0.34 0.00	28.53 -0.20 0.00	34.72 -0.38 0.00	31.59 -0.12 0.00	23.82 -0.22 0.00	21.03 -0.26 0.00
NEG WEST___LANCASTR 23811	-1.68 -0.19 -4.96	5.06 0.05 -2.81	2.64 -0.04 -3.74	1.49 -0.09 -4.12	0.33 -0.11 -4.00	6.97 0.10 -3.03	15.63 0.21 -1.41	14.06 0.17 -2.48	20.28 0.44 -0.10	23.88 0.62 0.00	21.32 0.60 0.00	21.55 0.60 0.00	22.49 0.67 0.00	22.58 0.68 0.00	23.11 0.70 0.00	22.69 0.80 0.00	27.83 1.01 0.00	31.15 0.71 0.00	43.58 0.72 0.00	29.22 0.49 0.00	35.63 0.52 0.00	32.32 0.60 0.00	24.35 0.30 0.00	21.45 0.16 0.00
NEG_PENN_ALLEGHNY 23528	2.20 -0.16 -8.80	7.24 0.05 -4.99	5.55 -0.02 -6.63	4.72 -0.06 -7.31	3.48 -0.07 -7.11	9.34 0.12 -5.38	16.84 0.33 -2.49	16.08 0.27 -4.39	20.46 0.55 -0.17	23.94 0.67 0.00	21.32 0.61 0.00	21.54 0.59 0.00	22.37 0.56 0.00	22.50 0.60 0.00	23.05 0.64 0.00	22.57 0.68 0.00	27.74 0.92 0.00	31.23 0.78 0.00	43.97 1.12 0.00	29.50 0.77 0.00	36.05 0.94 -0.01	32.53 0.80 -0.01	24.54 0.50 0.00	21.65 0.36 0.00
NEG___GEN_MONROE 24207	-3.22 -0.22 -3.44	4.21 0.06 -1.95	1.49 -0.04 -2.60	0.22 -0.11 -2.86	-0.93 -0.15 -2.78	6.04 0.10 -2.10	15.35 0.36 -0.97	13.33 0.21 -1.70	20.06 0.25 -0.07	23.63 0.36 0.00	21.06 0.35 0.00	21.21 0.26 0.00	22.12 0.30 0.00	22.23 0.33 0.00	22.77 0.35 0.00	22.35 0.45 0.00	27.42 0.61 0.00	30.97 0.53 0.00	43.50 0.64 0.00	29.25 0.52 0.00	35.66 0.56 0.00	32.32 0.60 0.00	24.39 0.35 0.00	21.49 0.20 0.00
NEPA___ENERGY 23901	-1.65 -0.21 -5.00	5.10 0.06 -2.84	2.67 -0.04 -3.77	1.52 -0.10 -4.15	0.37 -0.11 -4.04	7.08 0.18 -3.06	15.83 0.37 -1.44	14.29 0.34 -2.53	20.67 0.83 -0.10	24.48 1.21 0.00	21.89 1.17 0.00	21.53 0.58 0.00	22.29 0.48 0.00	22.40 0.51 0.00	22.94 0.52 0.00	22.46 0.56 0.00	27.56 0.74 0.00	30.75 0.31 0.00	43.06 0.20 0.00	28.85 0.12 0.00	35.29 0.18 0.00	31.91 0.19 0.00	24.04 0.00 0.00	21.19 -0.10 0.00
NEVERSINK___HYD 23608	17.22 -0.20 -23.86	15.78 0.06 -13.53	16.89 -0.02 -17.97	17.22 -0.05 -19.80	15.62 -0.08 -19.26	18.52 0.12 -14.57	21.23 0.46 -6.74	23.81 0.74 -11.65	21.48 1.29 -0.45	24.89 1.63 0.00	22.35 1.63 0.00	22.66 1.71 0.00	23.45 1.64 0.00	23.12 1.22 0.00	23.68 1.26 0.00	23.20 1.31 0.00	28.43 1.61 0.00	32.81 2.36 0.00	46.32 3.47 0.00	30.64 1.91 0.00	37.61 2.50 0.00	33.68 1.96 0.00	25.74 1.69 0.00	22.51 1.23 0.00
NEWKRMKL_115KV_TB1 55635	27.80 -0.05 -34.29	21.67 0.03 -19.44	24.70 -0.01 -25.78	25.83 -0.04 -28.40	24.01 -0.05 -27.63	24.76 0.03 -20.89	23.87 0.18 -9.66	28.12 0.15 -16.54	20.59 0.21 -0.64	23.49 0.22 0.00	20.93 0.21 0.00	21.22 0.27 0.00	22.13 0.32 0.00	22.23 0.33 0.00	22.76 0.36 0.02	22.12 0.23 0.00	27.01 0.19 0.00	30.93 0.48 0.00	43.51 0.66 0.00	29.17 0.44 0.00	35.68 0.57 0.00	32.11 0.39 0.00	24.35 0.30 0.00	21.53 0.24 0.00
NEWTON___FALLS_HYD 23847	-10.52 0.55 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.18 -0.27 -0.61	8.47 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.70 0.00	20.19 -1.71 0.00	20.32 -2.10 0.00	19.79 -2.11 -0.01	28.92 -2.57 -4.68	49.06 -2.87 -21.48	39.54 -3.31 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
NGRID_A1_DSASP 323792	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.15 -0.08 -3.50	6.47 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.25 0.00	26.49 -0.33 0.00	29.69 -0.76 0.00	41.44 -1.41 0.00	27.79 -0.95 0.00	33.81 -1.29 0.00	30.82 -0.90 0.00	23.26 -0.79 0.00	20.58 -0.71 0.00
NGRID_A2_DSASP 323793	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.15 -0.08 -3.50	6.47 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.25 0.00	26.49 -0.33 0.00	29.69 -0.76 0.00	41.44 -1.41 0.00	27.79 -0.95 0.00	33.81 -1.29 0.00	30.82 -0.90 0.00	23.26 -0.79 0.00	20.58 -0.71 0.00
NGRID_A4_DSASP 323807	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.14 -0.08 -3.50	6.48 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.24 0.00	26.48 -0.33 0.00	29.69 -0.76 0.00	41.43 -1.42 0.00	27.79 -0.94 0.00	33.81 -1.30 0.00	30.82 -0.90 0.00	23.28 -0.77 0.00	20.58 -0.71 0.00
NIAGARA_115E_LBMP 323715	-2.15 -0.06 -4.35	4.66 -0.01 -2.47	2.20 -0.02 -3.28	1.03 -0.06 -3.62	-0.11 -0.06 -3.52	6.48 -0.02 -2.66	15.03 -0.22 -1.23	13.28 -0.29 -2.15	19.32 -0.50 -0.08	22.77 -0.49 0.00	20.38 -0.33 0.00	20.56 -0.39 0.00	21.54 -0.27 0.00	21.63 -0.27 0.00	22.11 -0.31 0.00	21.73 -0.17 0.00	26.60 -0.22 0.00	29.82 -0.63 0.00	41.65 -1.20 0.00	27.93 -0.80 0.00	34.00 -1.11 0.00	30.95 -0.76 0.00	23.35 -0.70 0.00	20.65 -0.64 0.00

NIAGARA_115W_LBMP 323714	-2.22 -0.10 -4.32	4.64 0.00 -2.45	2.16 -0.03 -3.26	0.98 -0.07 -3.59	-0.15 -0.08 -3.49	6.46 -0.02 -2.64	15.02 -0.22 -1.22	13.26 -0.29 -2.13	19.34 -0.48 -0.08	22.80 -0.46 0.00	20.27 -0.45 0.00	20.45 -0.50 0.00	21.41 -0.40 0.00	21.50 -0.40 0.00	21.98 -0.44 0.00	21.58 -0.31 0.00	26.41 -0.41 0.00	29.60 -0.85 0.00	41.32 -1.53 0.00	27.70 -1.03 0.00	33.72 -1.39 0.00	30.73 -0.99 0.00	23.19 -0.86 0.00	20.53 -0.76 0.00
NIAGARA_230_LBMP 323716	-2.29 -0.11 -4.26	4.62 0.00 -2.42	2.12 -0.03 -3.21	0.93 -0.07 -3.54	-0.20 -0.08 -3.44	6.43 -0.01 -2.60	15.12 -0.10 -1.20	13.35 -0.17 -2.10	19.51 -0.31 -0.08	23.02 -0.24 0.00	20.54 -0.18 0.00	20.71 -0.24 0.00	21.67 -0.14 0.00	21.75 -0.14 0.00	22.24 -0.18 0.00	21.83 -0.06 0.00	26.72 -0.09 0.00	29.97 -0.48 0.00	41.87 -0.98 0.00	28.06 -0.67 0.00	34.18 -0.92 0.00	31.14 -0.57 0.00	23.49 -0.55 0.00	20.77 -0.51 0.00
NIAGARA__115KV_198_GIBSON 55903	-2.22 -0.10 -4.32	4.64 0.00 -2.45	2.17 -0.03 -3.26	0.98 -0.07 -3.59	-0.15 -0.07 -3.49	6.47 -0.01 -2.64	15.02 -0.22 -1.22	13.26 -0.30 -2.13	19.34 -0.48 -0.08	22.80 -0.47 0.00	20.27 -0.45 0.00	20.45 -0.50 0.00	21.41 -0.40 0.00	21.50 -0.40 0.00	21.97 -0.45 0.00	21.59 -0.31 0.00	26.41 -0.41 0.00	29.60 -0.85 0.00	41.30 -1.55 0.00	27.71 -1.02 0.00	33.71 -1.40 0.00	30.73 -0.99 0.00	23.21 -0.84 0.00	20.53 -0.76 0.00
NIAGARA____ 23760	-2.17 -0.07 -4.34	4.66 0.00 -2.46	2.19 -0.02 -3.27	1.01 -0.06 -3.61	-0.13 -0.07 -3.51	6.47 -0.02 -2.65	15.06 -0.19 -1.22	13.31 -0.24 -2.13	19.44 -0.39 -0.08	22.91 -0.35 0.00	20.44 -0.28 0.00	20.62 -0.33 0.00	21.58 -0.24 0.00	21.66 -0.23 0.00	22.15 -0.27 0.00	21.75 -0.15 0.00	26.62 -0.20 0.00	29.85 -0.59 0.00	41.70 -1.16 0.00	27.94 -0.79 0.00	34.03 -1.08 0.00	30.99 -0.72 0.00	23.38 -0.66 0.00	20.68 -0.61 0.00
NINE_MILE_1 23575	-4.53 0.12 -1.79	3.17 -0.05 -1.02	0.31 0.02 -1.35	-1.00 0.05 -1.49	-2.05 0.07 -1.45	4.86 -0.08 -1.09	14.25 -0.28 -0.51	12.04 -0.26 -0.88	19.30 -0.47 -0.03	22.70 -0.57 0.00	20.19 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.60 0.00	21.31 -0.59 0.00	21.83 -0.59 0.00	21.34 -0.56 0.00	26.15 -0.67 0.00	29.66 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.08	23.40 -0.65 0.00	20.78 -0.50 0.00
NINE_MILE_2 23744	-4.53 0.12 -1.79	3.16 -0.05 -1.01	0.30 0.02 -1.35	-1.00 0.05 -1.49	-2.05 0.07 -1.44	4.86 -0.07 -1.09	14.24 -0.28 -0.50	12.04 -0.26 -0.88	19.31 -0.47 -0.03	22.70 -0.57 0.00	20.20 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.60 0.00	21.31 -0.59 0.00	21.83 -0.59 0.00	21.34 -0.56 0.00	26.15 -0.67 0.00	29.66 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.92 0.08	30.82 -0.82 0.08	23.40 -0.65 0.00	20.78 -0.50 0.00
NM_CAPITAL____DRP 24208	27.68 -0.06 -34.18	21.61 0.03 -19.38	24.61 -0.02 -25.68	25.72 -0.05 -28.30	23.90 -0.07 -27.53	24.69 0.03 -20.81	23.86 0.22 -9.63	28.09 0.18 -16.48	20.62 0.24 -0.64	23.53 0.26 0.00	20.96 0.24 0.00	21.26 0.31 0.00	22.19 0.37 0.00	22.28 0.39 0.00	22.81 0.41 0.02	22.13 0.23 0.00	26.99 0.17 0.00	30.95 0.50 0.00	43.55 0.70 0.00	29.20 0.47 0.00	35.74 0.63 0.00	32.16 0.44 0.00	24.39 0.34 0.00	21.58 0.30 0.00
NM_CENTRAL____DRP 24181	-4.14 -0.02 -2.32	3.63 0.00 -1.43	0.84 0.00 -1.91	-0.44 -0.01 -2.10	-1.53 0.00 -2.04	5.39 0.01 -1.54	14.58 0.02 -0.54	12.66 -0.01 -1.25	19.80 0.01 -0.05	23.31 0.04 0.00	20.75 0.03 0.00	20.99 0.04 0.00	21.83 0.02 0.00	21.95 0.06 0.00	22.50 0.08 0.00	21.94 0.04 0.00	26.86 0.04 0.00	30.43 -0.02 0.00	42.84 -0.01 0.00	28.72 -0.01 0.00	35.07 -0.05 -0.01	31.70 -0.03 -0.01	23.97 -0.08 0.00	21.25 -0.04 0.00
NM_FRONTIER____DRP 24179	-2.22 -0.10 -4.32	4.64 0.00 -2.45	2.17 -0.03 -3.26	0.98 -0.07 -3.59	-0.15 -0.07 -3.49	6.47 -0.01 -2.64	15.02 -0.22 -1.22	13.26 -0.30 -2.13	19.34 -0.48 -0.08	22.80 -0.47 0.00	20.27 -0.45 0.00	20.45 -0.50 0.00	21.41 -0.40 0.00	21.50 -0.40 0.00	21.97 -0.45 0.00	21.59 -0.31 0.00	26.41 -0.41 0.00	29.60 -0.85 0.00	41.30 -1.55 0.00	27.71 -1.02 0.00	33.71 -1.40 0.00	30.73 -0.99 0.00	23.21 -0.84 0.00	20.53 -0.76 0.00
NM_ST_REGIS____HYD 24053	-13.47 0.86 7.89	2.42 -0.19 -0.41	-0.40 0.11 -0.55	-1.68 0.25 -0.61	-2.64 0.34 -0.59	3.83 -0.46 -0.45	5.08 -1.77 7.17	10.27 -1.51 -0.37	17.13 -2.62 -0.01	20.33 -2.94 0.00	17.81 -2.91 0.00	17.97 -2.98 0.00	19.31 -2.50 0.00	19.37 -2.53 0.00	19.33 -3.09 0.00	18.72 -3.17 0.01	14.53 -3.87 8.42	-38.77 -4.29 64.92	37.64 -5.21 0.00	25.24 -3.49 0.00	31.30 -3.81 0.00	29.29 -2.44 0.00	22.56 -1.48 0.00	19.70 -1.59 0.00
NORTHPORT____1 23551	20.02 -0.29 -26.75	17.44 0.08 -15.17	19.05 -0.03 -20.15	19.57 -0.09 -22.20	17.85 -0.19 -21.59	20.38 0.21 -16.33	22.19 0.62 -7.55	24.90 0.61 -12.88	21.31 1.07 -0.50	24.49 1.23 0.00	21.86 1.14 0.00	22.10 1.15 0.00	23.11 1.30 0.00	23.00 1.10 0.00	23.51 1.08 -0.01	22.90 1.00 0.00	27.95 1.14 0.00	31.97 1.53 0.00	44.69 1.83 0.00	29.90 1.17 0.00	36.68 1.57 0.00	33.08 1.37 0.00	21.90 1.33 3.48	20.93 1.23 1.58
NORTHPORT____2 23552	20.03 -0.28 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.57 -0.09 -22.20	17.85 -0.18 -21.59	20.38 0.21 -16.33	22.19 0.62 -7.55	24.90 0.60 -12.88	21.31 1.07 -0.50	24.50 1.24 0.00	21.87 1.16 0.00	22.12 1.17 0.00	23.13 1.32 0.00	23.02 1.13 0.00	23.50 1.07 -0.01	22.85 0.95 0.00	27.87 1.06 0.00	31.88 1.43 0.00	44.53 1.68 0.00	29.81 1.08 0.00	36.57 1.47 0.00	32.98 1.27 0.00	21.86 1.30 3.48	20.93 1.23 1.58
NORTHPORT____3 23553	20.05 -0.25 -26.75	17.43 0.07 -15.17	19.06 -0.03 -20.15	19.59 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.12 0.55 -7.55	24.84 0.54 -12.88	21.21 0.97 -0.50	24.39 1.12 0.00	21.77 1.05 0.00	22.02 1.07 0.00	23.02 1.21 0.00	22.95 1.05 0.00	23.46 1.03 -0.01	22.84 0.95 0.00	27.88 1.06 0.00	31.87 1.43 0.00	44.53 1.68 0.00	29.81 1.08 0.00	36.54 1.43 0.00	32.94 1.22 0.00	21.70 1.21 3.56	20.77 1.10 1.62
NORTHPORT____4 23650	20.05 -0.25 -26.75	17.43 0.07 -15.17	19.06 -0.03 -20.15	19.59 -0.08 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.12 0.55 -7.55	24.84 0.54 -12.88	21.21 0.97 -0.50	24.39 1.12 0.00	21.77 1.05 0.00	22.02 1.07 0.00	23.02 1.21 0.00	22.95 1.05 0.00	23.46 1.03 -0.01	22.84 0.95 0.00	27.88 1.06 0.00	31.87 1.43 0.00	44.53 1.68 0.00	29.81 1.08 0.00	36.54 1.43 0.00	32.94 1.22 0.00	21.70 1.21 3.56	20.77 1.10 1.62
NORTHPORT____IC 23718	20.02 -0.29 -26.75	17.44 0.08 -15.17	19.05 -0.03 -20.15	19.57 -0.09 -22.20	17.85 -0.19 -21.59	20.38 0.21 -16.33	22.19 0.62 -7.55	24.90 0.61 -12.88	21.31 1.07 -0.50	24.49 1.23 0.00	21.86 1.14 0.00	22.10 1.15 0.00	23.11 1.30 0.00	23.00 1.10 0.00	23.51 1.08 -0.01	22.90 1.00 0.00	27.95 1.14 0.00	31.97 1.53 0.00	44.69 1.83 0.00	29.90 1.17 0.00	36.68 1.57 0.00	33.08 1.37 0.00	21.90 1.33 3.48	20.93 1.23 1.58

NORTH____COUNTRY_ESR 323785	-15.14 0.91 9.62	2.34 -0.19 -0.33	-0.50 0.12 -0.44	-1.79 0.26 -0.49	-2.76 0.33 -0.47	3.72 -0.48 -0.36	3.63 -1.83 8.56	10.24 -1.47 -0.29	17.29 -2.46 -0.01	20.68 -2.59 0.00	18.27 -2.45 0.00	18.42 -2.54 0.00	19.55 -2.26 0.00	19.60 -2.30 0.00	19.74 -2.68 0.00	19.06 -2.83 0.01	16.29 -3.43 7.10	-28.07 -3.78 54.74	38.40 -4.46 0.00	25.64 -3.08 0.00	31.58 -3.53 0.00	29.33 -2.39 0.00	22.55 -1.49 0.00	19.69 -1.59 0.00
NPX_GEN_1385_PROXY 323591	20.03 -0.28 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.57 -0.09 -22.20	17.85 -0.18 -21.59	20.38 0.21 -16.33	22.19 0.62 -7.55	24.99 0.63 -12.95	21.35 1.11 -0.50	24.91 1.28 -0.36	21.92 1.20 0.00	22.16 1.22 0.00	23.17 1.36 0.00	23.06 1.17 0.00	23.54 1.12 -0.01	22.89 0.99 0.00	27.92 1.11 0.00	31.94 1.49 0.00	44.62 1.77 0.00	29.87 1.14 0.00	36.64 1.54 0.00	33.04 1.33 0.00	21.91 1.35 3.48	20.43 1.27 2.13
NPX_GEN_CSC 323557	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.07 0.50 -7.55	24.86 0.49 -12.95	21.09 0.85 -0.50	24.56 0.93 -0.36	21.56 0.84 0.00	21.79 0.84 0.00	22.90 1.10 0.00	22.63 0.73 0.00	23.15 0.72 -0.01	22.58 0.69 0.00	27.64 0.82 0.00	31.67 1.22 0.00	44.35 1.50 0.00	29.69 0.97 0.00	36.45 1.35 0.00	32.88 1.16 0.00	22.08 1.13 3.09	20.49 1.16 1.95
NSINS_S_GLNS_FALLS 23858	28.35 -0.46 -35.26	22.33 0.15 -19.99	25.39 -0.07 -26.52	26.52 -0.17 -29.22	24.60 -0.27 -28.42	25.61 0.28 -21.49	25.02 1.05 -9.94	29.30 0.84 -17.04	21.79 1.39 -0.66	25.03 1.76 0.00	22.22 1.50 0.00	22.44 1.49 0.00	23.32 1.50 0.00	23.43 1.53 0.00	24.10 1.70 0.02	23.65 1.75 0.00	28.98 2.16 0.00	33.10 2.65 0.00	46.88 4.03 0.00	31.28 2.55 0.00	38.25 3.14 0.00	34.43 2.71 0.00	26.04 1.99 0.00	22.96 1.68 0.00
NUCOR_STEEL____DRP 24197	-3.11 -0.10 -3.43	4.18 0.04 -1.94	1.50 -0.02 -2.58	0.26 -0.05 -2.84	-0.86 -0.07 -2.77	6.02 0.08 -2.09	15.30 0.31 -0.97	13.29 0.17 -1.71	20.08 0.28 -0.07	23.57 0.30 0.00	20.97 0.25 0.00	21.19 0.23 0.00	22.03 0.21 0.00	22.15 0.26 0.00	22.70 0.29 0.00	22.22 0.32 0.00	27.30 0.49 0.00	31.10 0.66 0.00	43.95 1.10 0.00	29.30 0.57 0.00	35.88 0.76 -0.01	32.44 0.71 -0.01	24.39 0.34 0.00	21.56 0.27 0.00
NUMBER_THREE_WT_PWR 323818	-7.42 0.24 1.22	2.76 -0.09 -0.66	-0.17 0.02 -0.87	-1.51 0.07 -0.96	-2.52 0.11 -0.93	4.45 -0.09 -0.70	12.07 -0.25 1.70	11.65 -0.34 -0.58	19.15 -0.61 -0.02	22.45 -0.82 0.00	19.86 -0.86 0.00	20.18 -0.77 0.00	21.24 -0.57 0.00	21.34 -0.56 0.00	21.71 -0.71 0.00	21.21 -0.68 0.00	27.99 -0.80 -1.98	44.76 -0.92 -15.24	42.16 -0.69 0.00	28.55 -0.18 0.00	35.32 0.21 -0.01	32.20 0.48 -0.01	24.40 0.35 0.00	21.42 0.13 0.00
NYISO_LBMP_REFERENCE 24008	-6.44 0.00 0.00	2.20 0.00 0.00	-1.06 0.00 0.00	-2.53 0.00 0.00	-3.56 0.00 0.00	3.84 0.00 0.00	14.02 0.00 0.00	11.42 0.00 0.00	19.74 0.00 0.00	23.27 0.00 0.00	20.72 0.00 0.00	20.95 0.00 0.00	21.82 0.00 0.00	21.90 0.00 0.00	22.42 0.00 0.00	21.90 0.00 0.00	26.82 0.00 0.00	30.45 0.00 0.00	42.85 0.00 0.00	28.73 0.00 0.00	35.11 0.00 0.00	31.72 0.00 0.00	24.05 0.00 0.00	21.29 0.00 0.00
NYPA_BRENTWD____GT 24164	19.96 -0.35 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.55 -0.12 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.33 0.76 -7.55	25.02 0.73 -12.88	21.52 1.28 -0.50	24.73 1.46 0.00	22.06 1.34 0.00	22.29 1.35 0.00	23.32 1.51 0.00	23.20 1.30 0.00	23.72 1.29 -0.01	23.12 1.23 0.00	28.25 1.43 0.00	32.32 1.87 0.00	45.08 2.23 0.00	30.16 1.44 0.00	37.12 2.01 0.00	33.49 1.77 0.00	23.05 1.60 2.61	21.56 1.46 1.19
NYPA_GOWANUS____GT5 24156	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NYPA_GOWANUS____GT6 24157	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.54 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.36 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.34 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.37 1.32 0.00	22.34 1.05 0.00
NYPA_HARLEM_RVR_GT1 24160	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.33	22.14 0.57 -7.54	24.85 0.56 -12.88	21.27 1.03 -0.50	24.42 1.15 0.00	21.80 1.08 0.00	22.10 1.15 0.00	23.03 1.22 0.00	23.09 1.19 0.00	23.65 1.23 0.00	23.07 1.18 0.01	28.13 1.32 0.01	32.01 1.57 0.00	44.65 1.80 0.00	29.92 1.19 0.00	36.54 1.43 0.00	33.01 1.29 0.00	25.19 1.15 0.00	22.20 0.91 0.00
NYPA_HARLEM_RVR_GT2 24161	19.99 -0.31 -26.74	17.47 0.12 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.33	22.14 0.57 -7.54	24.85 0.56 -12.88	21.27 1.03 -0.50	24.42 1.15 0.00	21.80 1.08 0.00	22.10 1.15 0.00	23.03 1.22 0.00	23.09 1.19 0.00	23.65 1.23 0.00	23.07 1.18 0.01	28.13 1.32 0.01	32.01 1.57 0.00	44.65 1.80 0.00	29.92 1.19 0.00	36.54 1.43 0.00	33.01 1.29 0.00	25.19 1.15 0.00	22.20 0.91 0.00
NYPA_KENT____GT 24152	19.97 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.23 0.66 -7.55	24.90 0.60 -12.88	21.34 1.10 -0.50	24.54 1.27 0.00	21.92 1.20 0.00	22.22 1.27 0.00	23.16 1.34 0.00	23.22 1.32 0.00	23.80 1.37 -0.01	23.22 1.33 0.00	28.32 1.51 0.00	32.23 1.79 0.00	44.97 2.12 0.00	30.12 1.39 0.00	36.75 1.65 0.00	33.18 1.46 0.00	25.33 1.28 0.00	22.30 1.01 0.00
NYPA_POUCH1____GT 24155	19.98 -0.32 -26.74	17.46 0.11 -15.16	19.04 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.85 0.55 -12.88	21.21 0.97 -0.50	24.40 1.13 0.00	21.78 1.06 0.00	22.08 1.13 0.00	23.04 1.22 0.00	23.09 1.19 0.00	23.67 1.25 -0.01	23.10 1.20 0.00	28.14 1.32 0.00	31.07 1.50 0.87	44.44 1.82 0.23	30.06 1.33 0.00	36.58 1.48 0.00	33.04 1.32 0.00	25.39 1.34 0.00	22.37 1.08 0.00
NYPA_VERNON____GT2 24162	19.98 -0.32 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.21 0.64 -7.55	24.89 0.59 -12.88	21.33 1.09 -0.50	24.53 1.27 0.00	21.91 1.19 0.00	22.20 1.25 0.00	23.14 1.33 0.00	23.21 1.31 0.00	23.78 1.35 -0.01	23.21 1.31 0.00	28.30 1.49 0.00	32.21 1.77 0.00	44.95 2.10 0.00	30.09 1.36 0.00	36.72 1.61 0.00	33.14 1.42 0.00	25.29 1.24 0.00	22.27 0.99 0.00

NYPY_VERNON____GT3 24163	19.98	17.47	19.04	19.56	17.87	20.35	22.21	24.89	21.33	24.53	21.91	22.20	23.14	23.21	23.78	23.21	28.30	32.21	44.95	30.09	36.72	33.14	25.29	22.27
	-0.32	0.11	-0.04	-0.10	-0.15	0.18	0.64	0.59	1.09	1.27	1.19	1.25	1.33	1.31	1.35	1.31	1.49	1.77	2.10	1.36	1.61	1.42	1.24	0.99
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____ASTORIA_CC1 323568	19.99	17.47	19.05	19.57	17.88	20.34	22.18	24.86	21.29	24.48	21.86	22.15	23.09	23.15	23.73	23.15	28.24	32.14	44.87	30.03	36.65	33.08	25.23	22.23
	-0.31	0.11	-0.04	-0.09	-0.15	0.17	0.61	0.57	1.05	1.21	1.14	1.21	1.28	1.25	1.30	1.26	1.43	1.69	2.01	1.30	1.54	1.36	1.18	0.94
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____ASTORIA_CC2 323569	19.99	17.47	19.05	19.57	17.88	20.34	22.18	24.86	21.29	24.48	21.86	22.15	23.09	23.15	23.73	23.15	28.24	32.14	44.87	30.03	36.65	33.08	25.23	22.23
	-0.31	0.11	-0.04	-0.09	-0.15	0.17	0.61	0.57	1.05	1.21	1.14	1.21	1.28	1.25	1.30	1.26	1.43	1.69	2.01	1.30	1.54	1.36	1.18	0.94
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____HOLTSVILL 23794	19.99	17.44	19.05	19.56	17.82	20.41	22.23	24.94	21.36	24.54	21.88	22.11	23.13	22.97	23.49	22.90	27.99	32.03	44.80	29.99	36.81	33.20	22.32	21.18
	-0.31	0.08	-0.04	-0.10	-0.21	0.24	0.66	0.64	1.12	1.27	1.16	1.16	1.32	1.07	1.06	1.01	1.17	1.58	1.94	1.26	1.70	1.48	1.40	1.32
	-26.75	-15.17	-20.15	-22.20	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	3.12	1.42	
NYPY____HELLGATE_GT1 24158	19.99	17.47	19.05	19.57	17.88	20.33	22.14	24.85	21.27	24.42	21.80	22.10	23.03	23.09	23.65	23.07	28.12	32.00	44.69	29.94	36.57	33.03	25.19	22.20
	-0.31	0.12	-0.04	-0.09	-0.14	0.16	0.57	0.56	1.03	1.15	1.08	1.15	1.22	1.19	1.23	1.18	1.31	1.55	1.84	1.21	1.47	1.32	1.15	0.91
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPY____HELLGATE_GT2 24159	19.99	17.47	19.05	19.57	17.88	20.33	22.14	24.85	21.27	24.42	21.80	22.10	23.03	23.09	23.65	23.07	28.12	32.00	44.69	29.94	36.57	33.03	25.19	22.20
	-0.31	0.12	-0.04	-0.09	-0.14	0.16	0.57	0.56	1.03	1.15	1.08	1.15	1.22	1.19	1.23	1.18	1.31	1.55	1.84	1.21	1.47	1.32	1.15	0.91
	-26.74	-15.16	-20.14	-22.19	-21.59	-16.33	-7.55	-12.88	-0.50	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	-2.34	4.63	2.12	0.91	-0.23	6.47	15.22	13.43	19.67	23.20	20.74	20.94	21.93	22.03	22.52	22.13	27.12	30.42	42.53	28.54	34.74	31.60	23.80	21.03
	-0.15	0.02	-0.03	-0.09	-0.11	0.03	-0.01	-0.09	-0.15	-0.07	0.02	-0.01	0.12	0.13	0.10	0.24	0.30	-0.03	-0.32	-0.19	-0.37	-0.12	-0.24	-0.26
	-4.26	-2.41	-3.21	-3.54	-3.44	-2.60	-1.20	-2.11	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAK ORCHARD____HYD 24046	-3.13	4.17	1.51	0.26	-0.86	5.98	15.15	13.21	19.92	23.49	20.96	21.16	22.08	22.19	22.72	22.30	27.35	30.88	43.30	29.06	35.42	32.11	24.21	21.37
	-0.14	0.03	-0.03	-0.07	-0.08	0.03	0.15	0.09	0.11	0.23	0.24	0.21	0.27	0.29	0.30	0.40	0.53	0.43	0.45	0.33	0.31	0.39	0.16	0.08
	-3.44	-1.95	-2.60	-2.86	-2.78	-2.10	-0.97	-1.70	-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
OAKDALE__35_KV_LOAD 356122	2.16	7.19	5.50	4.66	3.42	9.28	16.76	16.01	20.37	23.83	21.22	21.43	22.26	22.38	22.93	22.44	27.58	31.04	43.68	29.31	35.82	32.34	24.42	21.54
	-0.13	0.04	-0.02	-0.05	-0.06	0.10	0.27	0.22	0.45	0.56	0.50	0.48	0.45	0.48	0.51	0.54	0.76	0.59	0.83	0.58	0.71	0.62	0.37	0.25
	-8.73	-4.95	-6.58	-7.25	-7.05	-5.33	-2.47	-4.37	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.01	-0.01	0.00	0.00
OCC_CHEM____DRP 24175	-2.22	4.65	2.17	0.99	-0.14	6.48	15.05	13.29	19.39	22.86	20.33	20.50	21.47	21.55	22.04	21.65	26.48	29.69	41.43	27.79	33.81	30.82	23.28	20.58
	-0.11	0.00	-0.03	-0.08	-0.08	-0.01	-0.19	-0.27	-0.44	-0.41	-0.39	-0.45	-0.34	-0.34	-0.38	-0.24	-0.33	-0.76	-1.42	-0.94	-1.30	-0.90	-0.77	-0.71
	-4.33	-2.46	-3.26	-3.60	-3.50	-2.64	-1.22	-2.14	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	-2.28	4.63	2.13	0.94	-0.19	6.45	15.16	13.46	19.58	23.47	20.61	20.78	21.72	21.80	22.30	21.88	26.79	30.04	41.99	28.13	34.28	31.22	23.55	20.27
	-0.10	0.01	-0.03	-0.07	-0.07	0.00	-0.07	-0.13	-0.24	-0.16	-0.11	-0.17	-0.09	-0.09	-0.12	-0.01	-0.03	-0.41	-0.87	-0.60	-0.82	-0.50	-0.49	-0.47
	-4.27	-2.42	-3.22	-3.55	-3.45	-2.61	-1.21	-2.17	-0.08	-0.36	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.54
OLIN_CORP_DRP 24177	-2.13	4.68	2.22	1.05	-0.09	6.51	15.06	13.32	19.36	22.82	20.42	20.61	21.58	21.67	22.15	21.77	26.65	29.88	41.72	27.99	34.07	31.02	23.41	20.69
	-0.07	0.00	-0.02	-0.06	-0.07	-0.01	-0.20	-0.27	-0.46	-0.44	-0.30	-0.35	-0.23	-0.23	-0.27	-0.13	-0.17	-0.57	-1.13	-0.74	-1.04	-0.70	-0.63	-0.60
	-4.38	-2.48	-3.30	-3.64	-3.54	-2.68	-1.24	-2.17	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	-2.22	4.65	2.17	0.99	-0.15	6.47	15.05	13.29	19.39	22.86	20.33	20.50	21.47	21.55	22.04	21.65	26.49	29.69	41.44	27.79	33.81	30.82	23.26	20.58
	-0.11	0.00	-0.03	-0.08	-0.08	-0.01	-0.19	-0.27	-0.44	-0.41	-0.39	-0.45	-0.34	-0.34	-0.38	-0.25	-0.33	-0.76	-1.41	-0.95	-1.29	-0.90	-0.79	-0.71
	-4.33	-2.46	-3.26	-3.60	-3.50	-2.64	-1.22	-2.14	-0.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	-6.42	2.74	-0.31	-1.70	-2.75	4.45	13.49	11.87	19.66	23.10	20.53	20.81	21.75	21.85	22.33	21.82	27.62	36.87	43.17	29.09	35.73	32.36	24.48	21.55
	0.03	-0.02	0.00	0.01	0.01	-0.01	0.05	-0.05	-0.10	-0.16	-0.19	-0.14	-0.07	-0.04	-0.10	-0.08	-0.03	-0.01	0.31	0.36	0.62	0.64	0.43	0.26
	0.01	-0.56	-0.75	-0.82	-0.80	-0.61	0.58	-0.49	-0.02	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.83	-6.44	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	-5.23	3.20	0.20	-1.16	-2.25	4.95	14.49	12.44	20.07	23.59	21.01	21.28	22.16	22.29	22.83	22.33	27.44	31.45	44.04	29.63	36.27	32.73	24.67	21.74
	-0.12	0.03	-0.02	-0.04	-0.06	0.06	0.31	0.18	0.30	0.33	0.29	0.33	0.35	0.39	0.41	0.43	0.62	0.71	1.18	0.90	1.16	1.01	0.62	0.46
	-1.33	-0.97	-1.29	-1.42	-1.38	-1.04	-0.16	-0.85	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.29	0.00	0.00	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	-3.58 -0.05 -2.92	3.96 0.01 -1.75	1.26 -0.01 -2.33	0.02 -0.02 -2.57	-1.09 -0.02 -2.50	5.76 0.03 -1.89	14.84 0.10 -0.72	13.01 0.06 -1.54	19.91 0.11 -0.06	23.41 0.14 0.00	20.84 0.12 0.00	21.07 0.12 0.00	21.92 0.11 0.00	22.04 0.14 0.00	22.59 0.17 0.00	22.06 0.16 0.00	27.04 0.22 0.00	30.64 0.19 0.00	43.18 0.33 0.00	28.96 0.23 0.00	35.37 0.25 -0.01	31.95 0.22 -0.01	24.14 0.10 0.00	21.38 0.10 0.00
ONONDAGA___COGEN 23986	-3.78 -0.04 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.09 -0.66	12.88 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.13 0.00	22.04 0.14 0.00	27.03 0.22 0.00	30.65 0.21 0.00	43.22 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
ONTARIO___LFGE 23819	-2.57 -0.17 -4.04	4.53 0.04 -2.29	1.96 -0.02 -3.05	0.76 -0.06 -3.36	-0.38 -0.08 -3.27	6.42 0.11 -2.47	15.50 0.34 -1.14	13.67 0.24 -2.01	20.28 0.45 -0.08	23.82 0.56 0.00	21.21 0.50 0.00	21.42 0.47 0.00	22.29 0.47 0.00	22.41 0.51 0.00	22.97 0.55 0.00	22.54 0.64 0.00	27.75 0.93 0.00	31.32 0.87 0.00	44.07 1.22 0.00	29.63 0.90 0.00	36.13 1.02 0.00	32.63 0.90 0.00	24.58 0.54 0.00	21.63 0.34 0.00
ORANGEVILLE_WT_PWR 323706	-1.43 -0.16 -5.16	5.15 0.02 -2.93	2.81 -0.02 -3.89	1.70 -0.05 -4.29	0.55 -0.06 -4.17	6.99 0.00 -3.15	15.50 0.02 -1.46	14.04 0.05 -2.57	20.12 0.28 -0.10	23.81 0.54 0.00	21.27 0.55 0.00	21.47 0.52 0.00	22.38 0.57 0.00	22.52 0.63 0.00	23.05 0.63 0.00	22.64 0.75 0.00	27.81 1.00 0.00	31.14 0.69 0.00	43.58 0.73 0.00	29.25 0.52 0.00	35.64 0.53 0.00	32.29 0.57 0.00	24.29 0.24 0.00	21.37 0.08 0.00
ORANGEVILLE___ESR 323794	-1.43 -0.16 -5.16	5.15 0.02 -2.93	2.81 -0.02 -3.89	1.70 -0.05 -4.29	0.55 -0.06 -4.17	6.99 0.00 -3.15	15.50 0.02 -1.46	14.04 0.05 -2.57	20.12 0.28 -0.10	23.81 0.54 0.00	21.27 0.55 0.00	21.47 0.52 0.00	22.38 0.57 0.00	22.52 0.63 0.00	23.05 0.63 0.00	22.64 0.75 0.00	27.81 1.00 0.00	31.14 0.69 0.00	43.58 0.73 0.00	29.25 0.52 0.00	35.64 0.53 0.00	32.29 0.57 0.00	24.29 0.24 0.00	21.37 0.08 0.00
OSWEGATCHIE___HYD 24044	-10.52 0.54 4.62	2.62 -0.14 -0.56	-0.24 0.07 -0.75	-1.54 0.16 -0.83	-2.53 0.23 -0.80	4.17 -0.28 -0.61	8.46 -1.03 4.53	10.95 -0.97 -0.50	18.03 -1.73 -0.02	21.22 -2.05 0.00	18.65 -2.07 0.00	18.88 -2.07 0.00	20.11 -1.71 0.00	20.19 -1.71 0.00	20.33 -2.10 0.00	19.79 -2.11 -0.01	28.93 -2.56 -4.68	49.06 -2.86 -21.48	39.54 -3.32 0.00	26.69 -2.04 0.00	33.12 -1.99 -0.01	30.65 -1.07 0.00	23.41 -0.63 0.00	20.50 -0.79 0.00
OSWEGO___5 23606	-4.31 0.07 -2.05	3.33 -0.03 -1.16	0.50 0.01 -1.54	-0.80 0.03 -1.70	-1.86 0.04 -1.66	5.05 -0.05 -1.25	14.42 -0.18 -0.58	12.26 -0.17 -1.01	19.47 -0.31 -0.04	22.89 -0.38 0.00	20.37 -0.35 0.00	20.58 -0.37 0.00	21.41 -0.41 0.00	21.51 -0.39 0.00	22.03 -0.39 0.00	21.53 -0.36 0.00	26.39 -0.42 0.00	29.92 -0.52 0.00	42.13 -0.72 0.00	28.25 -0.48 0.00	34.56 -0.60 -0.06	31.24 -0.54 -0.06	23.61 -0.44 0.00	20.94 -0.34 0.00
OSWEGO___6 23613	-4.31 0.07 -2.05	3.33 -0.03 -1.16	0.50 0.01 -1.54	-0.80 0.03 -1.70	-1.86 0.04 -1.66	5.05 -0.05 -1.25	14.42 -0.18 -0.58	12.26 -0.17 -1.01	19.47 -0.31 -0.04	22.89 -0.38 0.00	20.37 -0.35 0.00	20.58 -0.37 0.00	21.41 -0.41 0.00	21.51 -0.39 0.00	22.03 -0.39 0.00	21.53 -0.36 0.00	26.39 -0.42 0.00	29.92 -0.52 0.00	42.13 -0.72 0.00	28.25 -0.48 0.00	34.56 -0.60 -0.06	31.24 -0.54 -0.06	23.61 -0.44 0.00	20.94 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	-2.24 -0.22 -4.42	4.74 0.04 -2.51	2.23 -0.05 -3.33	1.03 -0.11 -3.67	-0.12 -0.13 -3.57	6.61 0.07 -2.70	15.39 0.11 -1.25	13.63 0.02 -2.19	19.92 0.09 -0.08	23.51 0.25 0.00	20.97 0.25 0.00	21.19 0.24 0.00	22.18 0.37 0.00	22.29 0.39 0.00	22.81 0.40 0.00	22.43 0.53 0.00	27.48 0.67 0.00	30.82 0.37 0.00	43.06 0.21 0.00	28.88 0.15 0.00	35.12 0.02 0.00	31.94 0.22 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
OXBOW____ 24026	-2.25 -0.19 -4.38	4.70 0.03 -2.48	2.20 -0.04 -3.30	1.00 -0.10 -3.63	-0.15 -0.12 -3.54	6.55 0.04 -2.67	15.26 0.00 -1.24	13.49 -0.09 -2.17	19.71 -0.11 -0.08	23.25 -0.02 0.00	20.71 -0.01 0.00	20.91 -0.04 0.00	21.90 0.08 0.00	22.00 0.10 0.00	22.51 0.09 0.00	22.11 0.22 0.00	27.08 0.27 0.00	30.37 -0.08 0.00	42.43 -0.43 0.00	28.43 -0.30 0.00	34.60 -0.50 0.00	31.50 -0.22 0.00	23.73 -0.31 0.00	20.97 -0.31 0.00
OXY_CHEM_DSASP 323612	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.14 -0.08 -3.50	6.48 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.24 0.00	26.48 -0.33 0.00	29.69 -0.76 0.00	41.43 -1.42 0.00	27.79 -0.94 0.00	33.81 -1.30 0.00	30.82 -0.90 0.00	23.28 -0.77 0.00	20.58 -0.71 0.00
OZONE_PARK_ESR 323760	19.93 -0.37 -26.74	17.48 0.12 -15.16	19.04 -0.05 -20.14	19.55 -0.11 -22.19	17.85 -0.17 -21.59	20.37 0.20 -16.32	22.31 0.74 -7.55	24.97 0.67 -12.88	21.46 1.22 -0.50	24.71 1.44 0.00	22.06 1.34 0.00	22.35 1.40 0.00	23.29 1.48 0.00	23.36 1.46 0.00	23.95 1.52 -0.01	23.36 1.47 0.00	28.51 1.70 0.00	32.47 2.02 0.00	45.35 2.50 0.00	30.34 1.61 0.00	37.05 1.94 0.00	33.43 1.71 0.00	25.47 1.42 0.00	22.44 1.15 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.14 -0.08 -3.50	6.48 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.24 0.00	26.48 -0.33 0.00	29.69 -0.76 0.00	41.43 -1.42 0.00	27.79 -0.94 0.00	33.81 -1.30 0.00	30.82 -0.90 0.00	23.28 -0.77 0.00	20.58 -0.71 0.00
PACKARD__115KV_DUPONT_184 80571	-2.22 -0.11 -4.33	4.65 0.00 -2.46	2.17 -0.03 -3.26	0.99 -0.08 -3.60	-0.14 -0.08 -3.50	6.48 -0.01 -2.64	15.05 -0.19 -1.22	13.29 -0.27 -2.14	19.39 -0.44 -0.08	22.86 -0.41 0.00	20.33 -0.39 0.00	20.50 -0.45 0.00	21.47 -0.34 0.00	21.55 -0.34 0.00	22.04 -0.38 0.00	21.65 -0.24 0.00	26.48 -0.33 0.00	29.69 -0.76 0.00	41.43 -1.42 0.00	27.79 -0.94 0.00	33.81 -1.30 0.00	30.82 -0.90 0.00	23.28 -0.77 0.00	20.58 -0.71 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.99 -0.31 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.15 -21.59	20.34 0.18 -16.33	22.17 0.60 -7.55	24.85 0.55 -12.88	21.24 1.00 -0.50	24.40 1.13 0.00	21.79 1.07 0.00	22.08 1.13 0.00	22.99 1.19 0.00	23.05 1.16 0.00	23.62 1.19 -0.01	23.04 1.15 0.00	28.11 1.29 0.00	32.00 1.56 0.00	44.78 1.93 0.00	29.98 1.25 0.00	36.63 1.52 0.00	33.07 1.35 0.00	25.20 1.15 0.00	22.20 0.91 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.97 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.55 -0.11 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.18 0.61 -7.55	24.85 0.55 -12.88	21.20 0.96 -0.50	24.34 1.07 0.00	21.74 1.02 0.00	22.03 1.08 0.00	22.94 1.13 0.00	23.00 1.11 0.00	23.57 1.14 -0.01	23.00 1.10 0.00	28.06 1.24 0.00	31.94 1.50 0.00	44.69 1.84 0.00	29.91 1.18 0.00	36.53 1.43 0.00	32.99 1.27 0.00	25.14 1.09 0.00	22.15 0.86 0.00
PATROON__115KV_TB1 80586	27.89 -0.07 -34.40	21.74 0.03 -19.51	24.78 -0.02 -25.86	25.91 -0.05 -28.49	24.09 -0.07 -27.71	24.84 0.04 -20.96	23.95 0.23 -9.69	28.21 0.20 -16.60	20.66 0.28 -0.65	23.56 0.30 0.00	21.00 0.29 0.00	21.30 0.35 0.00	22.21 0.40 0.00	22.31 0.41 0.00	22.84 0.44 0.02	22.21 0.31 0.00	27.11 0.30 0.00	31.05 0.60 0.00	43.68 0.83 0.00	29.28 0.55 0.00	35.81 0.71 0.00	32.24 0.52 0.00	24.43 0.39 0.00	21.61 0.32 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	-1.86 -0.22 -4.80	4.97 0.06 -2.72	2.52 -0.04 -3.62	1.35 -0.10 -3.99	0.19 -0.13 -3.88	6.87 0.09 -2.93	15.62 0.23 -1.36	13.99 0.18 -2.39	20.28 0.45 -0.09	23.92 0.65 0.00	21.37 0.66 0.00	21.60 0.65 0.00	22.56 0.75 0.00	22.67 0.77 0.00	23.21 0.79 0.00	22.81 0.92 0.00	27.97 1.16 0.00	31.34 0.89 0.00	43.83 0.98 0.00	29.38 0.65 0.00	35.80 0.69 0.00	32.48 0.76 0.00	24.46 0.41 0.00	21.54 0.25 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.23 -0.33 -26.99	17.60 0.10 -15.30	19.23 -0.04 -20.33	19.77 -0.10 -22.40	18.07 -0.16 -21.79	20.51 0.19 -16.48	22.34 0.70 -7.62	25.05 0.63 -13.00	21.39 1.15 -0.51	24.60 1.33 0.00	21.96 1.24 0.00	22.23 1.28 0.00	23.15 1.33 0.00	23.22 1.32 0.00	23.80 1.37 -0.01	23.23 1.34 0.00	28.41 1.59 0.00	32.41 1.96 0.00	45.39 2.54 0.00	30.35 1.62 0.00	37.09 1.98 0.00	33.42 1.70 0.00	25.40 1.35 0.00	22.37 1.09 0.00
PEEKSKILL____ 23653	19.75 -0.28 -26.46	17.29 0.09 -15.00	18.84 -0.03 -19.94	19.35 -0.08 -21.96	17.67 -0.13 -21.37	20.15 0.16 -16.16	22.04 0.55 -7.47	24.67 0.50 -12.74	21.16 0.93 -0.50	24.36 1.09 0.00	21.74 1.03 0.00	22.04 1.09 0.00	22.95 1.14 0.00	23.02 1.12 0.00	23.59 1.17 -0.01	23.01 1.11 0.00	28.10 1.28 0.00	32.02 1.58 0.00	44.78 1.92 0.00	29.95 1.22 0.00	36.60 1.49 0.00	33.00 1.28 0.00	25.12 1.08 0.00	22.15 0.86 0.00
PGE MADISON__WINDPWR 24146	1.50 -0.38 -8.32	7.03 0.12 -4.72	5.15 -0.05 -6.27	4.25 -0.12 -6.91	2.98 -0.17 -6.72	9.15 0.23 -5.08	17.31 0.92 -2.36	16.72 0.76 -4.54	21.19 1.27 -0.18	24.69 1.43 0.00	21.93 1.21 0.00	22.17 1.22 0.00	23.13 1.31 0.00	23.29 1.39 0.00	23.88 1.46 0.00	23.37 1.47 0.00	28.87 2.05 0.00	32.90 2.45 0.00	46.74 3.89 0.00	31.54 2.81 0.00	38.57 3.46 -0.01	34.71 2.98 -0.01	25.96 1.92 0.00	22.69 1.40 0.00
PIERCEFIELD__HYD 23852	-13.15 0.86 7.58	2.43 -0.20 -0.43	-0.38 0.11 -0.57	-1.65 0.25 -0.62	-2.60 0.35 -0.61	3.84 -0.47 -0.46	5.30 -1.81 6.91	10.23 -1.57 -0.38	17.02 -2.74 -0.01	20.15 -3.12 0.00	17.62 -3.10 0.00	17.80 -3.15 0.00	19.16 -2.65 0.00	19.21 -2.68 0.00	19.14 -3.27 0.00	18.55 -3.34 0.01	14.08 -4.08 8.66	-40.87 -4.54 66.77	37.29 -5.57 0.00	25.02 -3.71 0.00	31.08 -4.03 0.00	29.13 -2.60 0.00	22.45 -1.59 0.00	19.62 -1.66 0.00
PINELAWN_CC_1 323563	20.00 -0.31 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.57 -0.10 -22.20	17.84 -0.19 -21.59	20.39 0.22 -16.33	22.25 0.68 -7.55	24.96 0.67 -12.88	21.40 1.16 -0.50	24.59 1.33 0.00	21.82 1.10 0.00	22.01 1.06 0.00	22.99 1.18 0.00	22.87 0.98 0.00	23.41 0.98 -0.01	22.85 0.95 0.00	27.79 0.98 0.00	31.80 1.36 0.00	44.62 1.77 0.00	29.88 1.15 0.00	36.65 1.54 0.00	33.06 1.34 0.00	25.37 1.32 0.00	22.61 1.32 0.00
PJM_GEN_HTP_PROXY 323702	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.34 0.17 -16.32	22.19 0.61 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.50 1.23 0.00	21.88 1.16 0.00	22.14 1.20 0.00	23.17 1.28 -0.08	23.15 1.26 0.00	23.73 1.30 -0.01	23.14 1.25 0.00	28.23 1.42 0.00	32.16 1.72 0.00	44.90 2.05 0.00	30.04 1.31 0.00	36.69 1.58 0.00	33.08 1.37 0.00	25.23 1.18 0.00	22.24 0.95 0.00
PJM_GEN_KEystone 24065	9.90 -0.21 -16.55	11.64 0.06 -9.38	11.37 -0.03 -12.47	11.13 -0.07 -13.74	9.70 -0.10 -13.36	14.07 0.12 -10.10	19.04 0.34 -4.67	19.73 0.30 -8.01	20.67 0.62 -0.31	24.05 0.78 0.00	21.46 0.74 0.00	21.69 0.74 0.00	22.64 0.75 -0.08	22.65 0.75 0.00	23.19 0.77 0.00	22.67 0.77 0.00	27.73 0.92 0.00	31.31 0.86 0.00	43.78 0.93 0.00	29.30 0.57 0.00	35.84 0.73 0.00	32.36 0.64 0.00	24.52 0.47 0.00	21.61 0.32 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.06 -0.24 -26.75	17.43 0.07 -15.17	19.06 -0.03 -20.15	19.59 -0.08 -22.20	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.12 0.55 -7.55	24.83 0.53 -12.88	21.18 0.94 -0.50	24.36 1.09 0.00	21.75 1.03 0.00	22.01 1.06 0.00	23.08 1.19 -0.07	22.95 1.05 0.00	23.49 1.06 -0.01	22.90 1.00 0.00	27.95 1.14 0.00	31.92 1.48 0.00	44.58 1.74 0.00	29.85 1.11 0.00	36.57 1.46 0.00	32.97 1.26 0.00	20.20 1.23 5.07	20.03 1.05 2.31
PJM_GEN_VFT_PROXY 323633	20.00 -0.29 -26.74	17.45 0.09 -15.16	19.05 -0.03 -20.14	19.58 -0.08 -22.19	17.89 -0.13 -21.59	20.32 0.15 -16.32	22.10 0.53 -7.55	24.77 0.48 -12.88	21.12 0.88 -0.50	24.31 1.04 0.00	21.71 0.99 0.00	22.02 1.07 0.00	23.02 1.13 -0.08	23.01 1.11 0.00	23.60 1.17 -0.01	23.02 1.12 0.00	28.08 1.26 0.00	31.96 1.52 0.00	44.62 1.77 0.00	29.87 1.14 0.00	36.48 1.38 0.00	32.91 1.20 0.00	25.11 1.06 0.00	22.14 0.85 0.00
PLATSBRG_115KV_PMLD1 355749	-15.44 0.81 9.81	2.37 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.81 0.29 -0.46	3.78 -0.41 -0.35	3.71 -1.59 8.72	10.43 -1.27 -0.28	17.62 -2.13 -0.01	21.06 -2.20 0.00	18.61 -2.11 0.00	18.74 -2.21 0.00	19.86 -1.95 0.00	19.93 -1.97 0.00	20.12 -2.30 0.00	19.39 -2.50 0.01	16.86 -3.01 6.95	-26.43 -3.27 53.60	39.16 -3.69 0.00	26.11 -2.62 0.00	32.16 -2.94 0.00	29.83 -1.88 0.00	22.92 -1.13 0.00	20.02 -1.26 0.00
PLEASANTVLY__LBMP 24000	21.32 -0.24 -28.00	18.15 0.08 -15.87	20.00 -0.03 -21.09	20.63 -0.07 -23.24	18.92 -0.12 -22.60	21.08 0.15 -17.09	22.44 0.51 -7.90	25.38 0.47 -13.49	21.11 0.84 -0.53	24.23 0.96 0.00	21.64 0.92 0.00	21.91 0.96 0.00	22.82 1.00 0.00	22.88 0.98 0.00	23.44 1.01 -0.01	22.86 0.97 0.00	27.92 1.11 0.00	31.84 1.39 0.00	44.61 1.76 0.00	29.84 1.11 0.00	36.47 1.36 0.00	32.88 1.16 0.00	25.02 0.97 0.00	22.08 0.80 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.20 -0.29 -26.92	17.55 0.09 -15.26	19.19 -0.04 -20.28	19.73 -0.09 -22.35	18.03 -0.14 -21.74	20.45 0.17 -16.44	22.22 0.60 -7.60	24.93 0.54 -12.97	21.24 0.99 -0.50	24.43 1.17 0.00	21.81 1.10 0.00	22.10 1.15 0.00	23.02 1.20 0.00	23.08 1.18 0.00	23.64 1.21 -0.01	23.07 1.18 0.00	28.18 1.36 0.00	32.12 1.67 0.00	44.93 2.07 0.00	30.04 1.32 0.00	36.72 1.61 0.00	33.10 1.39 0.00	25.20 1.15 0.00	22.22 0.93 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.20 -0.29 -26.92	17.55 0.09 -15.26	19.19 -0.04 -20.28	19.73 -0.09 -22.35	18.03 -0.14 -21.74	20.45 0.17 -16.44	22.22 0.60 -7.60	24.93 0.54 -12.97	21.24 0.99 -0.50	24.43 1.17 0.00	21.81 1.10 0.00	22.10 1.15 0.00	23.02 1.20 0.00	23.08 1.18 0.00	23.64 1.21 -0.01	23.07 1.18 0.00	28.18 1.36 0.00	32.12 1.67 0.00	44.93 2.07 0.00	30.04 1.32 0.00	36.72 1.61 0.00	33.10 1.39 0.00	25.20 1.15 0.00	22.22 0.93 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.59 -0.28 -27.31	17.77 0.09 -15.49	19.47 -0.04 -20.57	20.04 -0.09 -22.66	18.34 -0.14 -22.04	20.69 0.18 -16.67	22.36 0.63 -7.71	25.13 0.56 -13.15	21.26 1.01 -0.51	24.40 1.13 0.00	21.79 1.07 0.00	22.04 1.09 0.00	22.94 1.12 0.00	23.00 1.11 0.00	23.57 1.15 0.00	23.03 1.13 0.00	28.18 1.36 0.00	32.15 1.71 0.00	45.12 2.27 0.00	30.18 1.45 0.00	36.87 1.76 0.00	33.22 1.50 0.00	25.24 1.20 0.00	22.26 0.98 0.00
POLETTI____ 23519	20.00 -0.30 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.14 -21.59	20.33 0.16 -16.32	22.15 0.58 -7.55	24.83 0.53 -12.88	21.23 0.98 -0.50	24.43 1.16 0.00	21.81 1.10 0.00	22.10 1.15 0.00	23.06 1.25 0.00	23.12 1.22 0.00	23.70 1.27 -0.01	23.12 1.23 0.00	28.20 1.38 0.00	32.10 1.66 0.00	44.82 1.96 0.00	29.97 1.25 0.00	36.61 1.51 0.00	33.02 1.31 0.00	25.18 1.13 0.00	22.20 0.91 0.00
PORT_JEFF_3 23555	19.98 -0.33 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.82 -0.22 -21.59	20.42 0.25 -16.33	22.26 0.69 -7.55	24.96 0.67 -12.88	21.41 1.17 -0.50	24.60 1.33 0.00	21.93 1.21 0.00	22.16 1.21 0.00	23.19 1.38 0.00	23.03 1.13 0.00	23.55 1.12 -0.01	22.97 1.07 0.00	28.08 1.27 0.00	32.14 1.70 0.00	44.96 2.11 0.00	30.10 1.37 0.00	36.94 1.84 0.00	33.31 1.60 0.00	22.43 1.48 3.09	21.25 1.38 1.41
PORT_JEFF_4 23616	19.98 -0.33 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.82 -0.22 -21.59	20.42 0.25 -16.33	22.26 0.69 -7.55	24.96 0.67 -12.88	21.41 1.17 -0.50	24.60 1.33 0.00	21.93 1.21 0.00	22.16 1.21 0.00	23.19 1.38 0.00	23.03 1.13 0.00	23.55 1.12 -0.01	22.97 1.07 0.00	28.08 1.27 0.00	32.14 1.70 0.00	44.96 2.11 0.00	30.10 1.37 0.00	36.94 1.84 0.00	33.31 1.60 0.00	22.43 1.48 3.09	21.25 1.38 1.41
PORT_JEFF_IC 23713	19.97 -0.33 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.27 0.69 -7.55	24.97 0.68 -12.88	21.42 1.18 -0.50	24.62 1.35 0.00	21.95 1.23 0.00	22.18 1.23 0.00	23.21 1.40 0.00	23.05 1.15 0.00	23.58 1.15 -0.01	23.00 1.10 0.00	28.13 1.31 0.00	32.20 1.76 0.00	45.04 2.19 0.00	30.15 1.43 0.00	37.01 1.90 0.00	33.37 1.65 0.00	22.56 1.51 3.00	21.33 1.41 1.37
PPL PILGRIM_ST_GT1 24216	19.96 -0.35 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.55 -0.12 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.33 0.76 -7.55	25.02 0.73 -12.88	21.52 1.28 -0.50	24.73 1.46 0.00	22.06 1.34 0.00	22.29 1.35 0.00	23.32 1.51 0.00	23.20 1.30 0.00	23.72 1.29 -0.01	23.12 1.23 0.00	28.25 1.43 0.00	32.32 1.87 0.00	45.08 2.23 0.00	30.16 1.44 0.00	37.12 2.01 0.00	33.49 1.77 0.00	23.05 1.60 2.61	21.56 1.46 1.19
PPL PILGRIM_ST_GT2 24217	19.96 -0.35 -26.75	17.46 0.10 -15.17	19.05 -0.04 -20.15	19.55 -0.12 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.33 0.76 -7.55	25.02 0.73 -12.88	21.52 1.28 -0.50	24.73 1.46 0.00	22.06 1.34 0.00	22.29 1.35 0.00	23.32 1.51 0.00	23.20 1.30 0.00	23.72 1.29 -0.01	23.12 1.23 0.00	28.25 1.43 0.00	32.32 1.87 0.00	45.08 2.23 0.00	30.16 1.44 0.00	37.12 2.01 0.00	33.49 1.77 0.00	23.05 1.60 2.61	21.56 1.46 1.19
PPL_SHRM_GT3 24213	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.09 0.51 -7.55	24.80 0.50 -12.88	21.10 0.86 -0.50	24.20 0.93 0.00	21.55 0.84 0.00	21.79 0.84 0.00	22.90 1.09 0.00	22.63 0.73 0.00	23.11 0.69 -0.01	22.56 0.67 0.00	27.64 0.82 0.00	31.66 1.21 0.00	44.35 1.50 0.00	29.70 0.98 0.00	36.46 1.36 0.00	32.88 1.17 0.00	22.13 1.13 3.05	21.06 1.16 1.39
PPL_SHRM_GT4 24214	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.09 0.51 -7.55	24.80 0.50 -12.88	21.10 0.86 -0.50	24.20 0.93 0.00	21.55 0.84 0.00	21.79 0.84 0.00	22.90 1.09 0.00	22.63 0.73 0.00	23.11 0.69 -0.01	22.56 0.67 0.00	27.64 0.82 0.00	31.66 1.21 0.00	44.35 1.50 0.00	29.70 0.98 0.00	36.46 1.36 0.00	32.88 1.17 0.00	22.13 1.13 3.05	21.06 1.16 1.39
PROJECT____ORANGE 1 24174	-4.10 -0.02 -2.36	3.65 0.00 -1.45	0.87 0.00 -1.93	-0.42 -0.01 -2.13	-1.50 -0.01 -2.07	5.42 0.01 -1.56	14.60 0.03 -0.55	12.69 0.00 -1.27	19.81 0.02 -0.05	23.33 0.06 0.00	20.77 0.05 0.00	21.00 0.05 0.00	21.85 0.04 0.00	21.97 0.07 0.00	22.51 0.09 0.00	21.96 0.06 0.00	26.88 0.06 0.00	30.45 0.01 0.00	42.88 0.03 0.00	28.75 0.02 0.00	35.10 -0.02 -0.01	31.72 0.00 -0.01	23.99 -0.06 0.00	21.27 -0.02 0.00
PROJECT____ORANGE 2 24166	-4.10 -0.02 -2.36	3.65 0.00 -1.45	0.87 0.00 -1.93	-0.42 -0.01 -2.13	-1.50 -0.01 -2.07	5.42 0.01 -1.56	14.60 0.03 -0.55	12.69 0.00 -1.27	19.81 0.02 -0.05	23.33 0.06 0.00	20.77 0.05 0.00	21.00 0.05 0.00	21.85 0.04 0.00	21.97 0.07 0.00	22.51 0.09 0.00	21.96 0.06 0.00	26.88 0.06 0.00	30.45 0.01 0.00	42.88 0.03 0.00	28.75 0.02 0.00	35.10 -0.02 -0.01	31.72 0.00 -0.01	23.99 -0.06 0.00	21.27 -0.02 0.00
PUCKETT____SOLAR 323809	2.30 -0.22 -8.96	7.35 0.07 -5.08	5.66 -0.04 -6.75	4.83 -0.08 -7.44	3.57 -0.11 -7.24	9.47 0.16 -5.47	17.06 0.50 -2.54	16.47 0.41 -4.64	20.62 0.70 -0.18	24.03 0.77 0.00	21.36 0.64 0.00	21.57 0.62 0.00	22.41 0.60 0.00	22.55 0.65 0.00	23.12 0.70 0.00	22.63 0.73 0.00	27.87 1.05 0.00	31.54 1.09 0.00	44.57 1.72 0.00	29.97 1.24 0.00	36.65 1.54 -0.01	33.07 1.35 -0.01	24.91 0.87 0.00	21.92 0.63 0.00
PYRITES____HYD 24023	-13.45 0.81 7.82	2.44 -0.17 -0.42	-0.41 0.10 -0.56	-1.70 0.23 -0.61	-2.66 0.31 -0.60	3.86 -0.43 -0.45	5.23 -1.68 7.11	10.32 -1.47 -0.37	17.22 -2.54 -0.01	20.46 -2.81 0.00	17.95 -2.77 0.00	18.10 -2.85 0.00	19.42 -2.39 0.00	19.48 -2.42 0.00	19.45 -2.97 0.00	18.85 -3.04 0.01	14.60 -3.75 8.47	-39.05 -4.16 65.34	37.86 -4.99 0.00	25.43 -3.30 0.00	31.57 -3.54 0.00	29.52 -2.20 0.00	22.70 -1.34 0.00	19.82 -1.47 0.00
QUAKERRD_115KV_BK1 80622	-3.08 0.04 -3.32	4.05 -0.03 -1.88	1.45 0.00 -2.50	0.23 0.01 -2.76	-0.86 0.02 -2.68	5.81 -0.06 -2.03	14.76 -0.20 -0.94	12.87 -0.19 -1.64	19.45 -0.36 -0.06	22.91 -0.35 0.00	20.42 -0.30 0.00	20.62 -0.33 0.00	21.52 -0.29 0.00	21.67 -0.23 0.00	22.16 -0.25 0.00	21.74 -0.16 0.00	26.66 -0.16 0.00	30.13 -0.32 0.00	42.28 -0.57 0.00	28.30 -0.43 0.00	34.49 -0.62 0.00	31.25 -0.47 0.00	23.58 -0.47 0.00	20.83 -0.45 0.00

QUEENSBRY_115KV_TB8 356137	28.36 -0.48 -35.28	22.35 0.15 -20.01	25.41 -0.07 -26.54	26.53 -0.18 -29.24	24.61 -0.27 -28.45	25.64 0.29 -21.51	25.06 1.09 -9.95	29.35 0.87 -17.06	21.86 1.46 -0.66	25.15 1.88 0.00	22.32 1.60 0.00	22.54 1.59 0.00	23.40 1.59 0.00	23.51 1.62 0.00	24.21 1.81 0.02	23.78 1.88 0.00	29.14 2.32 0.00	33.26 2.81 0.00	47.17 4.32 0.00	31.42 2.69 0.00	38.41 3.30 0.00	34.57 2.85 0.00	26.14 2.09 0.00	23.05 1.77 0.00
RAMAPO___LBMP 323565	18.97 -0.26 -25.67	16.84 0.08 -14.56	18.25 -0.03 -19.34	18.69 -0.08 -21.31	17.04 -0.12 -20.73	19.66 0.14 -15.67	21.78 0.51 -7.25	24.24 0.47 -12.35	21.07 0.85 -0.48	24.28 1.01 0.00	21.67 0.96 0.00	21.98 1.03 0.00	22.89 1.08 0.00	22.96 1.06 0.00	23.53 1.10 -0.01	22.94 1.04 0.00	28.02 1.20 0.00	31.93 1.48 0.00	44.63 1.78 0.00	29.85 1.12 0.00	36.49 1.39 0.00	32.90 1.18 0.00	25.04 0.99 0.00	22.06 0.78 0.00
RANKINE____ 23646	-1.96 -0.21 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.11 -0.12 -3.79	6.78 0.08 -2.87	15.55 0.20 -1.33	13.90 0.14 -2.34	20.18 0.35 -0.09	23.83 0.56 0.00	21.30 0.58 0.00	21.52 0.57 0.00	22.48 0.67 0.00	22.60 0.71 0.00	23.13 0.71 0.00	22.75 0.85 0.00	27.89 1.07 0.00	31.26 0.81 0.00	43.70 0.85 0.00	29.30 0.57 0.00	35.67 0.57 0.00	32.40 0.69 0.00	24.40 0.35 0.00	21.49 0.20 0.00
RAVENSWOOD_GT2_1 24244	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.72 0.00	44.93 2.08 0.00	30.05 1.33 0.00	36.71 1.60 0.00	33.11 1.39 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD_GT2_2 24245	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.72 0.00	44.93 2.08 0.00	30.05 1.33 0.00	36.71 1.60 0.00	33.11 1.39 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD_GT2_3 24246	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 0.00	24.50 1.23 0.00	21.88 1.16 0.00	22.16 1.21 0.00	23.11 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.18 1.74 0.00	44.95 2.09 0.00	30.07 1.34 0.00	36.72 1.62 0.00	33.12 1.40 0.00	25.25 1.21 0.00	22.26 0.97 0.00
RAVENSWOOD_GT2_4 24247	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.50 1.23 0.00	21.88 1.16 0.00	22.16 1.21 0.00	23.11 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.18 1.74 0.00	44.95 2.09 0.00	30.07 1.34 0.00	36.72 1.62 0.00	33.12 1.40 0.00	25.25 1.21 0.00	22.26 0.97 0.00
RAVENSWOOD_GT3_1 24248	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.																				

RAVENSWOOD_GT_5 24254	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.16 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.73 0.00	44.93 2.08 0.00	30.06 1.33 0.00	36.72 1.62 0.00	33.11 1.40 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD_GT_6 24253	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.16 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.73 0.00	44.93 2.08 0.00	30.06 1.33 0.00	36.72 1.62 0.00	33.11 1.40 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD_GT_7 24255	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.16 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.73 0.00	44.93 2.08 0.00	30.06 1.33 0.00	36.72 1.62 0.00	33.11 1.40 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.48 1.22 0.00	21.86 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.72 0.00	44.92 2.07 0.00	30.05 1.32 0.00	36.71 1.60 0.00	33.11 1.39 0.00	25.24 1.19 0.00	22.24 0.96 0.00
RAVENSWOOD_GT_9 24257	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.48 1.22 0.00	21.86 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.73 1.30 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.16 1.72 0.00	44.93 2.08 0.00	30.05 1.33 0.00	36.70 1.60 0.00	33.11 1.39 0.00	25.24 1.19 0.00	22.25 0.96 0.00
RAVENSWOOD___1 23533	19.99 -0.31 -26.74	17.46 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.30 1.06 -0.50	24.49 1.23 0.00	21.88 1.16 0.00	22.17 1.22 0.00	23.10 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.17 1.72 0.00	44.91 2.06 0.00	30.05 1.32 0.00	36.69 1.58 0.00	33.10 1.38 0.00	25.24 1.20 0.00	22.24 0.95 0.00
RAVENSWOOD___2 23534	19.99 -0.31 -26.74	17.46 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.30 1.06 -0.50	24.49 1.23 0.00	21.88 1.16 0.00	22.17 1.22 0.00	23.10 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.17 1.72 0.00	44.91 2.06 0.00	30.05 1.32 0.00	36.69 1.58 0.00	33.10 1.38 0.00	25.24 1.20 0.00	22.24 0.95 0.00
RAVENSWOOD___3 23535	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.18 0.61 -7.55	24.86 0.56 -12.88	21.28 1.04 -0.50	24.49 1.22 0.00	21.87 1.15 0.00	22.15 1.20 0.00	23.09 1.28 0.00	23.15 1.26 0.00	23.74 1.31 -0.01	23.15 1.26 0.00	28.25 1.43 0.00	32.17 1.72 0.00	44.93 2.08 0.00	30.06 1.33 0.00	36.71 1.60 0.00	33.11 1.40 0.00	25.25 1.20 0.00	22.25 0.96 0.00
RAVENSWOOD___4 23820	19.99 -0.31 -26.74	17.46 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.30 1.06 -0.50	24.49 1.23 0.00	21.88 1.16 0.00	22.17 1.22 0.00	23.10 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.17 1.72 0.00	44.91 2.06 0.00	30.05 1.32 0.00	36.69 1.58 0.00	33.10 1.38 0.00	25.24 1.20 0.00	22.24 0.95 0.00
RCPL_TRUST___DRP 24196	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.32	22.20 0.63 -7.55	24.88 0.58 -12.88	21.31 1.07 -0.50	24.53 1.26 0.00	21.90 1.19 0.00	22.17 1.23 0.00	23.12 1.30 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.20 1.76 0.00	44.95 2.09 0.00	30.06 1.33 0.00	36.72 1.61 0.00	33.11 1.39 0.00	25.24 1.20 0.00	22.25 0.96 0.00
RED___ROCHESTER 323720	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.43 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.59 0.77 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.40 0.35 0.00	21.53 0.24 0.00
REGAN___SOLAR 323812	32.86 -0.65 -39.96	25.07 0.22 -22.66	28.92 -0.10 -30.08	30.37 -0.24 -33.15	28.34 -0.34 -32.24	28.62 0.40 -24.38	26.84 1.55 -11.28	31.91 1.10 -19.39	22.25 1.76 -0.76	25.17 1.90 0.00	22.23 1.52 0.00	22.43 1.49 0.00	23.43 1.61 0.00	23.48 1.58 0.00	23.98 1.57 0.01	23.53 1.63 0.00	28.97 2.15 0.00	33.27 2.82 0.00	47.10 4.25 0.00	31.78 3.05 0.00	38.87 3.77 0.00	35.13 3.42 0.00	26.46 2.42 0.00	23.32 2.04 0.00
RENSSELAER___COGEN 23796	27.57 -0.03 -34.05	21.52 0.02 -19.30	24.52 -0.01 -25.59	25.63 -0.03 -28.19	23.81 -0.04 -27.41	24.60 0.02 -20.74	23.76 0.15 -9.59	27.97 0.13 -16.42	20.53 0.15 -0.64	23.42 0.15 0.00	20.86 0.14 0.00	21.15 0.20 0.00	22.06 0.25 0.00	22.15 0.26 0.00	22.67 0.27 0.02	22.03 0.13 0.00	26.89 0.07 0.00	30.79 0.35 0.00	43.33 0.48 0.00	29.06 0.33 0.00	35.55 0.45 0.00	32.01 0.29 0.00	24.28 0.24 0.00	21.48 0.19 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.96 -0.86 -35.26	22.44 0.25 -19.99	25.34 -0.12 -26.52	26.40 -0.29 -29.22	24.39 -0.47 -28.42	25.86 0.52 -21.49	25.76 1.80 -9.94	29.83 1.37 -17.04	22.74 2.34 -0.66	26.57 3.31 0.00	23.57 2.86 0.00	23.68 2.73 0.00	24.45 2.63 0.00	24.57 2.67 0.00	25.47 3.07 0.02	25.16 3.27 0.00	30.86 4.04 0.00	35.10 4.66 0.00	50.37 7.51 0.00	33.00 4.28 0.00	40.33 5.23 0.00	36.33 4.62 0.00	27.48 3.44 0.00	24.27 2.98 0.00
REVERE_CPPR_DRP 24186	-5.69 -0.13 -0.88	3.07 0.04 -0.84	0.03 -0.02 -1.12	-1.35 -0.05 -1.23	-2.44 -0.07 -1.20	4.83 0.07 -0.91	14.30 0.37 0.10	12.36 0.20 -0.73	20.11 0.34 -0.03	23.62 0.36 0.00	21.02 0.31 0.00	21.33 0.38 0.00	22.21 0.40 0.00	22.33 0.43 0.00	22.86 0.44 0.00	22.37 0.48 0.00	28.05 0.73 -0.50	35.20 0.87 -3.88	44.37 1.52 0.00	29.89 1.17 0.00	36.62 1.52 0.00	33.06 1.33 0.00	24.89 0.85 0.00	21.90 0.61 0.00

REYNOLDS_115KV_TB3 80639	27.57 -0.08 -34.09	21.57 0.04 -19.33	24.52 -0.02 -25.61	25.62 -0.06 -28.21	23.80 -0.09 -27.45	24.64 0.05 -20.75	23.89 0.27 -9.60	28.08 0.23 -16.43	20.68 0.29 -0.64	23.59 0.33 0.00	21.01 0.30 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.47 0.00	22.88 0.48 0.02	22.16 0.26 0.00	27.00 0.18 0.00	31.01 0.56 0.00	43.62 0.77 0.00	29.27 0.53 0.00	35.83 0.73 0.00	32.25 0.53 0.00	24.46 0.42 0.00	21.66 0.37 0.00
RIVERBAY____ 323610	19.97 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.55 -0.11 -22.19	17.87 -0.15 -21.59	20.35 0.18 -16.33	22.18 0.61 -7.55	24.85 0.55 -12.88	21.20 0.96 -0.50	24.34 1.07 0.00	21.74 1.02 0.00	22.03 1.08 0.00	22.94 1.13 0.00	23.00 1.11 0.00	23.57 1.14 -0.01	23.00 1.10 0.00	28.06 1.24 0.00	31.94 1.50 0.00	44.69 1.84 0.00	29.91 1.18 0.00	36.53 1.43 0.00	32.99 1.27 0.00	25.14 1.09 0.00	22.15 0.86 0.00
RIVERSDE_115KV_TB3 55908	27.68 -0.06 -34.18	21.61 0.03 -19.38	24.61 -0.02 -25.68	25.72 -0.05 -28.30	23.90 -0.07 -27.53	24.69 0.03 -20.81	23.86 0.22 -9.63	28.09 0.18 -16.48	20.62 0.24 -0.64	23.53 0.26 0.00	20.96 0.24 0.00	21.26 0.31 0.00	22.19 0.37 0.00	22.28 0.39 0.00	22.81 0.41 0.02	22.13 0.23 0.00	26.99 0.17 0.00	30.95 0.50 0.00	43.55 0.70 0.00	29.20 0.47 0.00	35.74 0.63 0.00	32.16 0.44 0.00	24.39 0.34 0.00	21.58 0.30 0.00
ROARING____BROOK_WT_PWR 323790	-17.89 0.51 11.96	2.06 -0.13 0.00	-0.99 0.08 0.00	-2.36 0.18 0.00	-3.31 0.25 0.00	3.52 -0.32 0.00	2.70 -1.10 10.23	10.55 -0.87 0.00	18.39 -1.35 0.00	21.91 -1.36 0.00	19.49 -1.23 0.00	19.77 -1.18 0.00	20.73 -1.08 0.00	20.80 -1.10 0.00	21.16 -1.26 0.00	20.60 -1.29 0.00	24.11 -1.58 1.12	20.02 -1.76 8.66	40.70 -2.15 0.00	27.25 -1.47 0.00	33.39 -1.72 0.00	30.49 -1.22 0.00	23.25 -0.80 0.00	20.46 -0.83 0.00
ROCHESRG_115KV_T4 355643	-3.15 -0.11 -3.41	4.14 0.02 -1.93	1.48 -0.02 -2.57	0.24 -0.06 -2.83	-0.88 -0.07 -2.75	5.95 0.02 -2.08	15.07 0.09 -0.96	13.13 0.03 -1.69	19.83 0.03 -0.06	23.38 0.12 0.00	20.86 0.14 0.00	21.06 0.11 0.00	21.97 0.16 0.00	22.08 0.18 0.00	22.61 0.19 0.00	22.18 0.28 0.00	27.19 0.37 0.00	30.69 0.24 0.00	43.03 0.18 0.00	28.88 0.15 0.00	35.20 0.10 0.00	31.91 0.20 0.00	24.08 0.03 0.00	21.26 -0.02 0.00
ROCHESTER_9_IC 23652	-3.16 -0.14 -3.43	4.17 0.03 -1.95	1.49 -0.03 -2.58	0.24 -0.07 -2.85	-0.88 -0.08 -2.77	5.98 0.04 -2.10	15.16 0.16 -0.97	13.21 0.10 -1.69	19.95 0.14 -0.07	23.53 0.26 0.00	20.98 0.27 0.00	21.20 0.24 0.00	22.11 0.30 0.00	22.22 0.32 0.00	22.77 0.35 0.00	22.34 0.44 0.00	27.39 0.58 0.00	30.93 0.49 0.00	43.37 0.52 0.00	29.12 0.39 0.00	35.48 0.37 0.00	32.16 0.44 0.00	24.26 0.21 0.00	21.40 0.11 0.00
ROCKVIEW_13_KV_LD 356306	20.00 -0.31 -26.74	17.45 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.20 0.63 -7.55	24.88 0.59 -12.88	21.31 1.07 -0.50	24.53 1.26 0.00	21.90 1.19 0.00	22.19 1.24 0.00	23.12 1.31 0.00	23.18 1.28 0.00	23.76 1.33 -0.01	23.18 1.28 0.00	28.31 1.49 0.00	32.25 1.80 0.00	45.05 2.20 0.00	30.13 1.40 0.00	36.82 1.71 0.00	33.19 1.48 0.00	25.27 1.23 0.00	22.28 1.00 0.00
ROME____115KV_TB2 80656	-5.69 -0.13 -0.88	3.07 0.04 -0.84	0.03 -0.02 -1.12	-1.35 -0.05 -1.23	-2.44 -0.07 -1.20	4.83 0.07 -0.91	14.30 0.37 0.10	12.36 0.20 -0.73	20.11 0.34 -0.03	23.62 0.36 0.00	21.02 0.31 0.00	21.33 0.38 0.00	22.21 0.40 0.00	22.33 0.43 0.00	22.86 0.44 0.00	22.37 0.48 0.00	28.05 0.73 -0.50	35.20 0.87 -3.88	44.37 1.52 0.00	29.89 1.17 0.00	36.62 1.52 0.00	33.06 1.33 0.00	24.89 0.85 0.00	21.90 0.61 0.00
ROSETON____1 23587	19.78 -0.25 -26.46	17.28 0.08 -15.00	18.84 -0.03 -19.93	19.35 -0.07 -21.96	17.68 -0.12 -21.36	20.14 0.15 -16.15	22.01 0.52 -7.47	24.63 0.47 -12.74	21.09 0.85 -0.50	24.26 0.99 0.00	21.66 0.94 0.00	21.93 0.98 0.00	22.84 1.03 0.00	22.91 1.01 0.00	23.47 1.04 -0.01	22.90 1.00 0.00	27.97 1.15 0.00	31.88 1.43 0.00	44.65 1.80 0.00	29.87 1.14 0.00	36.50 1.40 0.00	32.90 1.19 0.00	25.04 0.99 0.00	22.09 0.80 0.00
ROSETON____2 23588	19.78 -0.25 -26.46	17.28 0.08 -15.00	18.84 -0.03 -19.93	19.35 -0.07 -21.96	17.68 -0.12 -21.36	20.14 0.15 -16.15	22.01 0.52 -7.47	24.63 0.47 -12.74	21.09 0.85 -0.50	24.26 0.99 0.00	21.66 0.94 0.00	21.93 0.98 0.00	22.84 1.03 0.00	22.91 1.01 0.00	23.47 1.04 -0.01	22.90 1.00 0.00	27.97 1.15 0.00	31.88 1.43 0.00	44.65 1.80 0.00	29.87 1.14 0.00	36.50 1.40 0.00	32.90 1.19 0.00	25.04 0.99 0.00	22.09 0.80 0.00
ROTTSDAM_115KV_TB3 80664	29.05 -0.20 -35.70	22.51 0.07 -20.24	25.77 -0.03 -26.87	26.99 -0.08 -29.60	25.11 -0.11 -28.79	25.74 0.13 -21.77	24.57 0.48 -10.07	29.08 0.39 -17.27	21.07 0.66 -0.67	24.03 0.76 0.00	21.40 0.69 0.00	21.65 0.69 0.00	22.53 0.72 0.00	22.61 0.71 0.00	23.15 0.75 0.02	22.63 0.73 0.00	27.70 0.88 0.00	31.57 1.12 0.00	44.44 1.59 0.00	29.77 1.04 0.00	36.40 1.29 0.00	32.81 1.09 0.00	24.87 0.83 0.00	21.98 0.70 0.00
RUSSELL____1 23602	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00
RUSSELL____2 23532	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00
RUSSELL____3 23549	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00
RUSSELL____4 23556	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00

RUSSELL___STATION 23914	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00
S SALMON___HYD 24043	-5.16 0.07 -1.22	3.33 -0.04 -1.17	0.51 0.01 -1.56	-0.79 0.03 -1.72	-1.85 0.04 -1.67	5.08 -0.03 -1.27	13.79 -0.09 0.15	12.31 -0.14 -1.03	19.49 -0.29 -0.04	22.88 -0.38 0.00	20.30 -0.42 0.00	20.56 -0.39 0.00	21.47 -0.34 0.00	21.57 -0.33 0.00	22.07 -0.35 0.00	21.56 -0.34 0.00	27.09 -0.44 -0.71	35.36 -0.57 -5.49	42.26 -0.59 0.00	28.49 -0.24 0.00	35.06 -0.06 -0.02	31.86 0.12 -0.02	24.06 0.01 0.00	21.25 -0.03 0.00
S.PERRY___115KV_TB1 80734	-1.96 -0.34 -4.81	5.01 0.08 -2.73	2.52 -0.05 -3.63	1.35 -0.11 -4.00	0.17 -0.15 -3.89	6.92 0.14 -2.94	15.91 0.53 -1.36	14.08 0.27 -2.39	20.02 0.19 -0.09	23.53 0.26 0.00	20.98 0.27 0.00	21.16 0.21 0.00	22.06 0.24 0.00	22.53 0.63 0.00	22.75 0.33 0.00	22.24 0.35 0.00	27.39 0.57 0.00	30.87 0.43 0.00	43.42 0.57 0.00	29.49 0.76 0.00	36.07 0.97 0.00	32.68 0.97 0.00	25.04 0.99 0.00	22.09 0.80 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	-2.12 -0.18 -4.49	4.77 0.03 -2.55	2.29 -0.04 -3.39	1.10 -0.09 -3.73	-0.04 -0.11 -3.63	6.63 0.04 -2.74	15.43 0.13 -1.28	13.76 0.08 -2.26	20.02 0.19 -0.09	23.64 0.37 0.00	21.12 0.40 0.00	21.32 0.37 0.00	22.28 0.47 0.00	22.40 0.51 0.00	22.92 0.50 0.00	22.53 0.63 0.00	27.61 0.79 0.00	30.95 0.50 0.00	43.26 0.41 0.00	29.00 0.27 0.00	35.31 0.20 0.00	32.11 0.39 0.00	24.19 0.14 0.00	21.33 0.04 0.00
SAWYER___23_KV_LOAD 55526	-2.12 -0.18 -4.49	4.77 0.03 -2.55	2.29 -0.04 -3.39	1.10 -0.09 -3.73	-0.04 -0.11 -3.63	6.63 0.04 -2.74	15.43 0.13 -1.28	13.76 0.08 -2.26	20.02 0.19 -0.09	23.64 0.37 0.00	21.12 0.40 0.00	21.32 0.37 0.00	22.28 0.47 0.00	22.40 0.51 0.00	22.92 0.50 0.00	22.53 0.63 0.00	27.61 0.79 0.00	30.95 0.50 0.00	43.26 0.41 0.00	29.00 0.27 0.00	35.31 0.20 0.00	32.11 0.39 0.00	24.19 0.14 0.00	21.33 0.04 0.00
SELKIRK___I 23801	26.88 -0.11 -33.44	21.20 0.05 -18.96	24.08 -0.02 -25.17	25.13 -0.06 -27.73	23.32 -0.09 -26.96	24.31 0.07 -20.39	23.78 0.33 -9.43	27.80 0.25 -16.13	20.73 0.36 -0.63	23.62 0.36 0.00	21.05 0.33 0.00	21.31 0.36 0.00	22.22 0.40 0.00	22.30 0.40 0.00	22.83 0.42 0.01	22.23 0.34 0.00	27.20 0.38 0.00	31.02 0.57 0.00	43.71 0.86 0.00	29.33 0.60 0.00	35.86 0.75 0.00	32.32 0.61 0.00	24.51 0.46 0.00	21.69 0.40 0.00
SELKIRK___II 23799	27.39 -0.08 -33.91	21.45 0.03 -19.23	24.43 -0.02 -25.51	25.53 -0.04 -28.11	23.72 -0.06 -27.33	24.56 0.04 -20.67	23.80 0.22 -9.56	27.96 0.18 -16.36	20.65 0.27 -0.64	23.55 0.28 0.00	20.99 0.27 0.00	21.25 0.30 0.00	22.15 0.34 0.00	22.23 0.33 0.00	22.75 0.35 0.01	22.16 0.26 0.00	27.09 0.27 0.00	30.91 0.46 0.00	43.51 0.65 0.00	29.17 0.44 0.00	35.67 0.57 0.00	32.15 0.43 0.00	24.39 0.35 0.00	21.57 0.29 0.00
SENECA OSWGO___HYD 24041	-4.38 0.03 -2.03	3.47 -0.02 -1.30	0.66 0.00 -1.72	-0.63 0.01 -1.89	-1.70 0.02 -1.85	5.22 -0.02 -1.40	14.38 -0.07 -0.43	12.46 -0.09 -1.13	19.63 -0.15 -0.04	23.09 -0.18 0.00	20.53 -0.19 0.00	20.75 -0.20 0.00	21.58 -0.23 0.00	21.69 -0.21 0.00	22.23 -0.19 0.00	21.70 -0.19 0.00	26.59 -0.22 0.00	30.14 -0.30 0.00	42.46 -0.39 0.00	28.49 -0.24 0.00	34.83 -0.31 -0.03	31.47 -0.27 -0.03	23.80 -0.24 0.00	21.12 -0.17 0.00
SENECA___115KV_TB3 355854	-1.97 -0.22 -4.69	4.91 0.05 -2.66	2.43 -0.04 -3.54	1.26 -0.11 -3.90	0.10 -0.13 -3.79	6.79 0.08 -2.87	15.57 0.22 -1.33	13.92 0.16 -2.34	20.22 0.39 -0.09	23.88 0.62 0.00	21.35 0.63 0.00	21.57 0.62 0.00	22.53 0.72 0.00	22.65 0.76 0.00	23.19 0.77 0.00	22.80 0.90 0.00	27.96 1.15 0.00	31.33 0.88 0.00	43.79 0.94 0.00	29.36 0.63 0.00	35.75 0.65 0.00	32.48 0.76 0.00	24.45 0.40 0.00	21.53 0.24 0.00
SENECA___ENERGY 23797	-2.91 -0.08 -3.61	4.27 0.02 -2.05	1.65 -0.01 -2.72	0.44 -0.03 -3.00	-0.68 -0.04 -2.92	6.11 0.06 -2.21	15.22 0.17 -1.02	13.33 0.12 -1.80	20.02 0.21 -0.07	23.51 0.24 0.00	20.93 0.22 0.00	21.13 0.18 0.00	22.00 0.19 0.00	22.11 0.21 0.00	22.67 0.25 0.00	22.22 0.33 0.00	27.34 0.52 0.00	30.95 0.50 0.00	43.58 0.73 0.00	29.22 0.49 0.00	35.68 0.56 -0.01	32.23 0.50 -0.01	24.29 0.24 0.00	21.43 0.14 0.00
SHOEMAKER___GT 23640	17.69 -0.23 -24.37	16.08 0.07 -13.82	17.27 -0.03 -18.36	17.62 -0.07 -20.22	16.00 -0.11 -19.67	18.86 0.14 -14.88	21.38 0.48 -6.88	23.58 0.45 -11.71	20.99 0.80 -0.46	24.18 0.91 0.00	21.56 0.84 0.00	21.82 0.87 0.00	22.72 0.91 0.00	22.80 0.90 0.00	23.37 0.94 -0.01	22.81 0.91 0.00	27.89 1.07 0.00	31.80 1.35 0.00	44.60 1.75 0.00	29.86 1.13 0.00	36.51 1.41 0.00	32.93 1.21 0.00	25.01 0.97 0.00	22.06 0.77 0.00
SHOEMAKR_138KV_BK 111 55601	17.53 -0.23 -24.21	15.99 0.07 -13.72	17.15 -0.03 -18.24	17.49 -0.07 -20.09	15.87 -0.11 -19.54	18.75 0.13 -14.78	21.32 0.47 -6.83	23.49 0.44 -11.63	20.97 0.78 -0.45	24.16 0.89 0.00	21.55 0.83 0.00	21.82 0.87 0.00	22.72 0.91 0.00	22.79 0.90 0.00	23.36 0.94 -0.01	22.80 0.90 0.00	27.88 1.06 0.00	31.78 1.33 0.00	44.55 1.70 0.00	29.82 1.09 0.00	36.46 1.35 0.00	32.88 1.16 0.00	24.98 0.93 0.00	22.03 0.74 0.00
SHOREHAM_IC_1 23715	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.09 0.51 -7.55	24.80 0.50 -12.88	21.10 0.86 -0.50	24.20 0.93 0.00	21.55 0.84 0.00	21.79 0.84 0.00	22.90 1.09 0.00	22.63 0.73 0.00	23.11 0.69 -0.01	22.56 0.67 0.00	27.64 0.82 0.00	31.66 1.21 0.00	44.35 1.50 0.00	29.70 0.98 0.00	36.46 1.36 0.00	32.88 1.17 0.00	22.13 1.13 3.05	21.06 1.16 1.39
SHOREHAM_IC_2 23716	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.09 0.51 -7.55	24.80 0.50 -12.88	21.10 0.86 -0.50	24.20 0.93 0.00	21.55 0.84 0.00	21.79 0.84 0.00	22.90 1.09 0.00	22.63 0.73 0.00	23.11 0.69 -0.01	22.56 0.67 0.00	27.64 0.82 0.00	31.66 1.21 0.00	44.35 1.50 0.00	29.70 0.98 0.00	36.46 1.36 0.00	32.88 1.17 0.00	22.13 1.13 3.05	21.06 1.16 1.39
SISSONVILLE___ 23735	-13.15 0.86 7.58	2.43 -0.20 -0.43	-0.38 0.11 -0.57	-1.65 0.25 -0.62	-2.60 0.35 -0.61	3.84 -0.47 -0.46	5.30 -1.81 6.91	10.23 -1.57 -0.38	17.02 -2.74 -0.01	20.15 -3.12 0.00	17.62 -3.10 0.00	17.80 -3.15 0.00	19.16 -2.65 0.00	19.21 -2.68 0.00	19.14 -3.27 0.00	18.55 -3.34 0.01	14.08 -4.08 8.66	-40.87 -4.54 66.77	37.29 -5.57 0.00	25.02 -3.71 0.00	31.08 -4.03 0.00	29.13 -2.60 0.00	22.45 -1.59 0.00	19.62 -1.66 0.00

SITHE_IND_GS1 24169	-4.52 0.11 -1.81	3.18 -0.05 -1.02	0.32 0.02 -1.36	-0.99 0.04 -1.50	-2.04 0.07 -1.46	4.88 -0.07 -1.10	14.26 -0.27 -0.51	12.06 -0.25 -0.89	19.32 -0.45 -0.04	22.72 -0.55 0.00	20.20 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.61 0.00	21.31 -0.59 0.00	21.82 -0.59 0.00	21.34 -0.56 0.00	26.14 -0.68 0.00	29.65 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.07	23.40 -0.65 0.00	20.80 -0.49 0.00
SITHE_IND_GS2 24170	-4.52 0.11 -1.81	3.18 -0.05 -1.02	0.32 0.02 -1.36	-0.99 0.04 -1.50	-2.04 0.07 -1.46	4.88 -0.07 -1.10	14.26 -0.27 -0.51	12.06 -0.25 -0.89	19.32 -0.45 -0.04	22.72 -0.55 0.00	20.20 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.61 0.00	21.31 -0.59 0.00	21.82 -0.59 0.00	21.34 -0.56 0.00	26.14 -0.68 0.00	29.65 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.07	23.40 -0.65 0.00	20.80 -0.49 0.00
SITHE_IND_GS3 24171	-4.52 0.11 -1.81	3.18 -0.05 -1.02	0.32 0.02 -1.36	-0.99 0.04 -1.50	-2.04 0.07 -1.46	4.88 -0.07 -1.10	14.26 -0.27 -0.51	12.06 -0.25 -0.89	19.32 -0.45 -0.04	22.72 -0.55 0.00	20.20 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.61 0.00	21.31 -0.59 0.00	21.82 -0.59 0.00	21.34 -0.56 0.00	26.14 -0.68 0.00	29.65 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.07	23.40 -0.65 0.00	20.80 -0.49 0.00
SITHE_IND_GS4 24172	-4.52 0.11 -1.81	3.18 -0.05 -1.02	0.32 0.02 -1.36	-0.99 0.04 -1.50	-2.04 0.07 -1.46	4.88 -0.07 -1.10	14.26 -0.27 -0.51	12.06 -0.25 -0.89	19.32 -0.45 -0.04	22.72 -0.55 0.00	20.20 -0.52 0.00	20.40 -0.55 0.00	21.21 -0.61 0.00	21.31 -0.59 0.00	21.82 -0.59 0.00	21.34 -0.56 0.00	26.14 -0.68 0.00	29.65 -0.79 0.00	41.74 -1.11 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.07	23.40 -0.65 0.00	20.80 -0.49 0.00
SITHE___BATAVIA 24024	-3.31 -0.31 -3.44	4.24 0.09 -1.95	1.48 -0.05 -2.60	0.18 -0.14 -2.86	-0.97 -0.19 -2.78	6.10 0.15 -2.10	15.59 0.59 -0.97	13.54 0.42 -1.70	20.41 0.60 -0.07	24.01 0.75 0.00	21.40 0.68 0.00	21.56 0.61 0.00	22.52 0.71 0.00	22.64 0.75 0.00	23.22 0.80 0.00	22.82 0.92 0.00	28.03 1.21 0.00	31.74 1.30 0.00	44.55 1.70 0.00	30.00 1.27 0.00	36.63 1.53 0.00	33.19 1.47 0.00	24.97 0.92 0.00	21.99 0.71 0.00
SITHE___INDEPEND 23800	-4.52 0.11 -1.81	3.18 -0.05 -1.02	0.32 0.02 -1.36	-0.99 0.05 -1.50	-2.04 0.07 -1.46	4.87 -0.07 -1.10	14.26 -0.27 -0.51	12.06 -0.25 -0.89	19.32 -0.45 -0.04	22.72 -0.55 0.00	20.20 -0.52 0.00	20.41 -0.54 0.00	21.21 -0.61 0.00	21.31 -0.59 0.00	21.82 -0.59 0.00	21.33 -0.56 0.00	26.14 -0.68 0.00	29.65 -0.79 0.00	41.74 -1.12 0.00	27.99 -0.74 0.00	34.10 -0.93 0.08	30.82 -0.82 0.07	23.40 -0.64 0.00	20.80 -0.49 0.00
SITHE___MASSENA 23902	-14.96 0.90 9.42	2.34 -0.20 -0.34	-0.49 0.11 -0.45	-1.77 0.26 -0.50	-2.72 0.36 -0.49	3.71 -0.50 -0.37	3.64 -1.98 8.40	10.14 -1.58 -0.30	17.13 -2.62 -0.01	20.49 -2.77 0.00	18.06 -2.66 0.00	18.20 -2.75 0.00	19.28 -2.53 0.00	19.30 -2.60 0.00	19.35 -3.07 0.00	18.73 -3.16 0.01	15.71 -3.86 7.25	-29.77 -4.31 55.91	37.58 -5.27 0.00	25.15 -3.58 0.00	31.00 -4.11 0.00	28.85 -2.87 0.00	22.21 -1.83 0.00	19.44 -1.85 0.00
SITHE___OGDNSBRG 24021	-13.89 0.84 8.29	2.42 -0.17 -0.40	-0.43 0.10 -0.52	-1.72 0.24 -0.58	-2.68 0.32 -0.56	3.82 -0.45 -0.42	4.76 -1.77 7.49	10.28 -1.49 -0.35	17.21 -2.55 -0.01	20.52 -2.75 0.00	18.03 -2.69 0.00	18.18 -2.77 0.00	19.43 -2.38 0.00	19.47 -2.43 0.00	19.48 -2.94 0.00	18.87 -3.02 0.01	14.99 -3.71 8.11	-36.24 -4.14 62.55	37.89 -4.97 0.00	25.44 -3.29 0.00	31.51 -3.60 0.00	29.41 -2.31 0.00	22.61 -1.44 0.00	19.74 -1.55 0.00
SITHE___STERLING 23777	-5.23 -0.12 -1.33	3.20 0.03 -0.97	0.20 -0.02 -1.29	-1.16 -0.04 -1.42	-2.25 -0.06 -1.38	4.95 0.06 -1.04	14.49 0.31 -0.16	12.45 0.18 -0.85	20.07 0.30 -0.03	23.59 0.33 0.00	21.01 0.29 0.00	21.28 0.33 0.00	22.16 0.35 0.00	22.29 0.39 0.00	22.83 0.41 0.00	22.33 0.43 0.00	27.44 0.62 0.00	31.45 0.71 -0.29	44.04 1.19 0.00	29.64 0.90 0.00	36.27 1.16 0.00	32.73 1.01 0.00	24.67 0.62 0.00	21.74 0.46 0.00
SLEIGHT__34_KV_TB1 80719	-3.21 -0.16 -3.39	4.17 0.05 -1.92	1.47 -0.02 -2.55	0.21 -0.07 -2.81	-0.91 -0.09 -2.74	6.01 0.10 -2.07	15.37 0.39 -0.96	13.37 0.27 -1.68	20.28 0.47 -0.06	23.83 0.56 0.00	21.22 0.50 0.00	21.45 0.50 0.00	22.34 0.53 0.00	22.48 0.59 0.00	23.03 0.62 0.00	22.58 0.69 0.00	27.74 0.93 0.00	31.53 1.09 0.00	44.71 1.86 0.00	29.73 1.00 0.00	36.27 1.15 -0.01	32.77 1.04 -0.01	24.63 0.58 0.00	21.73 0.44 0.00
SOUTH CAIRO___GT 23612	25.21 -0.23 -31.89	20.37 0.09 -18.08	22.89 -0.05 -23.99	23.79 -0.11 -26.43	21.98 -0.16 -25.71	23.44 0.15 -19.44	23.66 0.65 -8.99	27.29 0.52 -15.36	21.02 0.68 -0.60	23.90 0.63 0.00	21.20 0.48 0.00	21.47 0.52 0.00	22.44 0.63 0.00	22.53 0.63 0.00	23.08 0.67 0.01	22.44 0.54 0.00	27.52 0.71 0.00	31.65 1.20 0.00	44.87 2.01 0.00	30.24 1.51 0.00	37.10 2.00 0.00	33.38 1.67 0.00	25.22 1.17 0.00	22.22 0.93 0.00
SOUTH HAMPTN___IC 23720	19.88 -0.43 -26.75	17.47 0.11 -15.17	19.03 -0.05 -20.15	19.51 -0.15 -22.20	17.73 -0.30 -21.59	20.50 0.33 -16.33	22.43 0.86 -7.55	25.11 0.81 -12.88	21.65 1.41 -0.50	24.85 1.58 0.00	22.13 1.42 0.00	22.36 1.41 0.00	23.45 1.64 0.00	23.19 1.30 0.00	23.73 1.31 -0.01	23.17 1.28 0.00	28.39 1.57 0.00	32.54 2.09 0.00	45.56 2.71 0.00	30.51 1.78 0.00	37.44 2.33 0.00	33.73 2.02 0.00	22.71 1.74 3.08	21.54 1.65 1.40
SOUTHDOW_115KV_TB1 355954	-1.72 -0.34 -5.06	5.15 0.09 -2.87	2.70 -0.05 -3.81	1.55 -0.11 -4.20	0.37 -0.15 -4.09	7.10 0.16 -3.09	16.04 0.58 -1.45	14.54 0.57 -2.56	21.18 1.34 -0.10	25.23 1.96 0.00	22.62 1.91 0.00	22.88 1.93 0.00	23.79 1.98 0.00	23.92 2.03 0.00	24.52 2.10 0.00	24.05 2.15 0.00	29.46 2.64 0.00	32.98 2.54 0.00	46.11 3.26 0.00	30.88 2.15 0.00	37.61 2.51 0.00	33.99 2.28 0.00	25.51 1.46 0.00	22.39 1.11 0.00
SOUTHOLD_69_KV_BK 2 55809	19.79 -0.52 -26.75	17.50 0.14 -15.17	19.02 -0.07 -20.15	19.48 -0.19 -22.20	17.68 -0.35 -21.59	20.56 0.38 -16.33	22.66 1.08 -7.55	25.31 1.01 -12.88	22.00 1.76 -0.50	25.25 1.99 0.00	22.48 1.76 0.00	22.72 1.78 0.00	23.82 2.01 0.00	23.55 1.65 0.00	24.10 1.67 -0.01	23.53 1.64 0.00	28.86 2.04 0.00	33.08 2.64 0.00	46.37 3.52 0.00	31.03 2.30 0.00	38.04 2.94 0.00	34.27 2.55 0.00	23.10 2.14 3.08	21.88 1.99 1.40
SOUTHOLD___IC 23719	19.80 -0.51 -26.75	17.50 0.14 -15.17	19.02 -0.07 -20.15	19.48 -0.19 -22.20	17.68 -0.35 -21.59	20.56 0.38 -16.33	22.65 1.08 -7.55	25.31 1.01 -12.88	22.00 1.76 -0.50	25.25 1.99 0.00	22.48 1.76 0.00	22.73 1.78 0.00	23.82 2.01 0.00	23.55 1.65 0.00	24.10 1.67 -0.01	23.53 1.64 0.00	28.86 2.04 0.00	33.08 2.64 0.00	46.37 3.52 0.00	31.04 2.31 0.00	38.04 2.94 0.00	34.26 2.54 0.00	23.10 2.13 3.08	21.86 1.98 1.40

SPIERFLS_115KV_TB 1 80737	28.42 -0.44 -35.30	22.36 0.14 -20.02	25.43 -0.07 -26.56	26.56 -0.16 -29.26	24.65 -0.25 -28.46	25.63 0.26 -21.52	24.98 1.00 -9.95	29.29 0.80 -17.07	21.75 1.34 -0.66	24.96 1.69 0.00	22.16 1.44 0.00	22.38 1.43 0.00	23.26 1.45 0.00	23.37 1.47 0.00	24.03 1.63 0.02	23.59 1.69 0.00	28.91 2.10 0.00	33.00 2.56 0.00	46.72 3.87 0.00	31.19 2.46 0.00	38.13 3.03 0.00	34.31 2.60 0.00	25.95 1.90 0.00	22.89 1.60 0.00
ST LAWRENCE____ 23600	-15.28 0.96 9.80	2.30 -0.21 -0.32	-0.51 0.13 -0.43	-1.77 0.29 -0.48	-2.71 0.39 -0.46	3.65 -0.54 -0.35	3.23 -2.08 8.71	10.03 -1.67 -0.28	16.96 -2.80 -0.01	20.32 -2.95 0.00	17.92 -2.80 0.00	18.06 -2.90 0.00	19.15 -2.67 0.00	19.17 -2.72 0.00	19.28 -3.14 0.00	18.66 -3.23 0.01	15.92 -3.94 6.96	-27.63 -4.41 53.66	37.44 -5.42 0.00	25.03 -3.70 0.00	30.81 -4.30 0.00	28.64 -3.08 0.00	22.06 -1.99 0.00	19.29 -1.99 0.00
STATE_CA_115KV_115_LB 55624	27.91 -0.08 -34.43	21.75 0.03 -19.52	24.80 -0.02 -25.88	25.93 -0.05 -28.51	24.11 -0.07 -27.74	24.86 0.04 -20.97	23.96 0.24 -9.70	28.22 0.20 -16.61	20.66 0.28 -0.65	23.57 0.30 0.00	21.00 0.29 0.00	21.30 0.35 0.00	22.22 0.40 0.00	22.31 0.41 0.00	22.84 0.44 0.02	22.21 0.31 0.00	27.11 0.30 0.00	31.05 0.61 0.00	43.68 0.83 0.00	29.28 0.55 0.00	35.82 0.71 0.00	32.24 0.52 0.00	24.43 0.39 0.00	21.61 0.32 0.00
STATE_ST_34_KV_LOAD 55959	-2.98 -0.11 -3.57	4.26 0.04 -2.02	1.61 -0.02 -2.69	0.38 -0.05 -2.96	-0.75 -0.07 -2.88	6.12 0.09 -2.18	15.36 0.33 -1.01	13.46 0.26 -1.78	20.25 0.44 -0.07	23.77 0.50 0.00	21.14 0.43 0.00	21.36 0.41 0.00	22.21 0.40 0.00	22.34 0.44 0.00	22.89 0.47 0.00	22.42 0.52 0.00	27.56 0.74 0.00	31.36 0.91 0.00	44.30 1.45 0.00	29.56 0.83 0.00	36.17 1.05 -0.01	32.70 0.97 -0.01	24.59 0.55 0.00	21.72 0.43 0.00
STATION 5_MISC_HYD 23604	-3.16 -0.14 -3.43	4.17 0.03 -1.95	1.49 -0.03 -2.58	0.24 -0.07 -2.85	-0.88 -0.09 -2.77	5.98 0.04 -2.10	15.16 0.17 -0.97	13.21 0.10 -1.69	19.95 0.14 -0.07	23.53 0.26 0.00	20.99 0.27 0.00	21.19 0.24 0.00	22.11 0.30 0.00	22.22 0.32 0.00	22.77 0.35 0.00	22.33 0.44 0.00	27.40 0.58 0.00	30.93 0.48 0.00	43.38 0.53 0.00	29.11 0.38 0.00	35.48 0.37 0.00	32.16 0.44 0.00	24.24 0.20 0.00	21.40 0.11 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	-3.15 -0.13 -3.43	4.17 0.03 -1.95	1.50 -0.02 -2.59	0.26 -0.06 -2.85	-0.87 -0.07 -2.77	6.00 0.06 -2.10	15.21 0.22 -0.97	13.27 0.15 -1.70	20.06 0.26 -0.07	23.64 0.37 0.00	21.07 0.35 0.00	21.26 0.31 0.00	22.17 0.36 0.00	22.29 0.39 0.00	22.85 0.43 0.00	22.43 0.53 0.00	27.55 0.73 0.00	31.15 0.71 0.00	43.76 0.91 0.00	29.37 0.64 0.00	35.79 0.68 0.00	32.36 0.64 0.00	24.39 0.34 0.00	21.50 0.21 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	-3.14 -0.10 -3.40	4.14 0.01 -1.93	1.48 -0.02 -2.56	0.24 -0.05 -2.82	-0.88 -0.06 -2.75	5.94 0.02 -2.08	15.06 0.08 -0.96	13.13 0.04 -1.68	19.85 0.04 -0.06	23.40 0.13 0.00	20.88 0.16 0.00	21.08 0.13 0.00	22.00 0.19 0.00	22.12 0.22 0.00	22.66 0.23 0.00	22.23 0.33 0.00	27.27 0.45 0.00	30.80 0.36 0.00	43.15 0.30 0.00	28.98 0.25 0.00	35.30 0.20 0.00	31.98 0.26 0.00	24.11 0.07 0.00	21.28 -0.01 0.00
STA_56____34_KV_BUS2 355983	-3.14 -0.10 -3.40	4.14 0.01 -1.93	1.48 -0.02 -2.56	0.24 -0.05 -2.82	-0.88 -0.06 -2.75	5.94 0.02 -2.08	15.06 0.08 -0.96	13.13 0.04 -1.68	19.85 0.04 -0.06	23.40 0.13 0.00	20.88 0.16 0.00	21.08 0.13 0.00	22.00 0.19 0.00	22.12 0.22 0.00	22.66 0.23 0.00	22.23 0.33 0.00	27.27 0.45 0.00	30.80 0.36 0.00	43.15 0.30 0.00	28.98 0.25 0.00	35.30 0.20 0.00	31.98 0.26 0.00	24.11 0.07 0.00	21.28 -0.01 0.00
STA_67____115KV_BK2 355882	-3.15 -0.13 -3.42	4.16 0.02 -1.94	1.49 -0.03 -2.58	0.25 -0.07 -2.84	-0.87 -0.08 -2.76	5.97 0.03 -2.09	15.12 0.14 -0.97	13.19 0.07 -1.69	19.90 0.10 -0.07	23.47 0.20 0.00	20.94 0.22 0.00	21.14 0.19 0.00	22.06 0.25 0.00	22.17 0.27 0.00	22.70 0.28 0.00	22.28 0.38 0.00	27.32 0.50 0.00	30.84 0.40 0.00	43.24 0.39 0.00	29.03 0.30 0.00	35.38 0.27 0.00	32.07 0.35 0.00	24.19 0.14 0.00	21.35 0.06 0.00
STA_7____115KV_9TRANS 80674	-3.18 -0.17 -3.43	4.18 0.04 -1.95	1.49 -0.03 -2.58	0.23 -0.08 -2.85	-0.89 -0.10 -2.77	6.00 0.06 -2.10	15.22 0.23 -0.97	13.27 0.16 -1.69	20.05 0.25 -0.07	23.66 0.39 0.00	21.11 0.39 0.00	21.32 0.37 0.00	22.25 0.44 0.00	22.36 0.46 0.00	22.90 0.48 0.00	22.48 0.59 0.00	27.58 0.76 0.00	31.15 0.70 0.00	43.69 0.84 0.00	29.33 0.60 0.00	35.74 0.63 0.00	32.39 0.67 0.00	24.41 0.37 0.00	21.53 0.25 0.00
STA_82____115KV_TB1 80780	-3.13 -0.13 -3.44	4.17 0.02 -1.95	1.51 -0.03 -2.59	0.26 -0.07 -2.86	-0.86 -0.08 -2.78	5.98 0.04 -2.10	15.14 0.14 -0.97	13.20 0.08 -1.70	19.91 0.10 -0.07	23.49 0.22 0.00	20.95 0.23 0.00	21.15 0.20 0.00	22.07 0.26 0.00	22.17 0.28 0.00	22.72 0.30 0.00	22.29 0.39 0.00	27.34 0.52 0.00	30.86 0.42 0.00	43.27 0.42 0.00	29.05 0.32 0.00	35.41 0.31 0.00	32.09 0.37 0.00	24.21 0.16 0.00	21.37 0.08 0.00
STEEL____WIND 323596	-1.96 -0.22 -4.69	4.90 0.05 -2.66	2.44 -0.04 -3.54	1.26 -0.10 -3.90	0.10 -0.12 -3.79	6.79 0.08 -2.87	15.57 0.22 -1.33	13.91 0.15 -2.34	20.19 0.36 -0.09	23.85 0.58 0.00	21.32 0.60 0.00	21.54 0.59 0.00	22.50 0.69 0.00	22.62 0.72 0.00	23.14 0.73 0.00	22.76 0.86 0.00	27.91 1.10 0.00	31.28 0.83 0.00	43.74 0.89 0.00	29.32 0.59 0.00	35.70 0.60 0.00	32.44 0.72 0.00	24.40 0.35 0.00	21.50 0.21 0.00
STEPHTWN_115KV_BK_2 55603	27.50 -0.10 -34.05	21.54 0.04 -19.30	24.51 -0.02 -25.59	25.61 -0.05 -28.19	23.78 -0.07 -27.41	24.62 0.04 -20.74	23.92 0.31 -9.59	28.14 0.31 -16.42	20.75 0.37 -0.64	23.67 0.40 0.00	21.03 0.32 0.00	21.36 0.41 0.00	22.25 0.44 0.00	22.34 0.44 0.00	22.83 0.44 0.02	22.29 0.39 0.00	27.22 0.40 0.00	31.17 0.73 0.00	43.91 1.06 0.00	29.44 0.72 0.00	36.06 0.95 0.00	32.41 0.69 0.00	24.48 0.43 0.00	21.64 0.35 0.00
STEBEN_REC_LFGE 323667	-0.69 -0.28 -6.02	5.66 0.04 -3.42	3.46 -0.02 -4.54	2.44 -0.03 -5.00	1.26 -0.04 -4.87	7.59 0.07 -3.68	16.03 0.30 -1.71	14.73 0.31 -3.01	20.64 0.78 -0.12	24.34 1.08 0.00	21.72 1.00 0.00	21.92 0.97 0.00	22.81 1.00 0.00	22.97 1.07 0.00	23.49 1.08 0.00	23.05 1.15 0.00	28.38 1.57 0.00	31.88 1.44 0.00	44.79 1.94 0.00	30.14 1.41 0.00	36.69 1.58 0.00	33.01 1.29 0.00	24.79 0.75 0.00	21.69 0.41 0.00
STONY____BROOK 24151	19.97 -0.34 -26.75	17.45 0.09 -15.17	19.05 -0.04 -20.15	19.55 -0.11 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.28 0.71 -7.55	25.00 0.70 -12.88	21.47 1.23 -0.50	24.67 1.41 0.00	22.00 1.28 0.00	22.23 1.28 0.00	23.26 1.45 0.00	23.10 1.21 0.00	23.64 1.21 -0.01	23.06 1.16 0.00	28.21 1.39 0.00	32.30 1.85 0.00	45.18 2.33 0.00	30.25 1.52 0.00	37.12 2.01 0.00	33.47 1.75 0.00	22.64 1.58 2.98	21.38 1.45 1.36

STURGEON_POOL_HYD 23609	20.43 -0.30 -27.17	17.69 0.10 -15.40	19.37 -0.03 -20.46	19.93 -0.07 -22.54	18.24 -0.12 -21.92	20.61 0.19 -16.58	22.27 0.58 -7.66	24.99 0.55 -13.03	21.32 1.07 -0.51	24.53 1.26 0.00	21.93 1.21 0.00	22.19 1.24 0.00	23.06 1.25 0.00	23.12 1.22 0.00	23.69 1.27 0.00	23.20 1.30 0.00	28.36 1.55 0.00	32.27 1.83 0.00	45.11 2.26 0.00	30.14 1.41 0.00	36.80 1.69 0.00	33.17 1.46 0.00	25.23 1.19 0.00	22.24 0.95 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.21 -0.25 -24.91	16.40 0.08 -14.12	17.67 -0.03 -18.76	18.06 -0.08 -20.67	16.42 -0.12 -20.11	19.19 0.15 -15.20	21.56 0.51 -7.03	23.85 0.45 -11.98	21.02 0.82 -0.47	24.22 0.95 0.00	21.61 0.89 0.00	21.90 0.95 0.00	22.81 1.00 0.00	22.88 0.98 0.00	23.45 1.02 -0.01	22.88 0.98 0.00	27.96 1.14 0.00	31.87 1.42 0.00	44.61 1.76 0.00	29.83 1.10 0.00	36.46 1.36 0.00	32.87 1.16 0.00	24.99 0.95 0.00	22.04 0.75 0.00
SWANROAD_115KV_TB1 355699	-2.18 -0.07 -4.33	4.65 0.00 -2.46	2.19 -0.02 -3.27	1.01 -0.06 -3.60	-0.13 -0.07 -3.50	6.48 -0.01 -2.65	15.05 -0.19 -1.22	13.30 -0.26 -2.14	19.37 -0.45 -0.08	22.84 -0.43 0.00	20.43 -0.28 0.00	20.62 -0.33 0.00	21.60 -0.21 0.00	21.69 -0.21 0.00	22.18 -0.24 0.00	21.79 -0.10 0.00	26.67 -0.14 0.00	29.91 -0.53 0.00	41.78 -1.07 0.00	28.03 -0.70 0.00	34.11 -0.99 0.00	31.06 -0.66 0.00	23.44 -0.61 0.00	20.71 -0.57 0.00
SYNERGY___BIOGAS 323694	-3.31 -0.31 -3.44	4.24 0.09 -1.95	1.48 -0.05 -2.60	0.18 -0.14 -2.86	-0.97 -0.19 -2.78	6.10 0.15 -2.10	15.59 0.59 -0.97	13.54 0.42 -1.70	20.41 0.60 -0.07	24.01 0.75 0.00	21.40 0.68 0.00	21.56 0.61 0.00	22.52 0.71 0.00	22.64 0.75 0.00	23.22 0.80 0.00	22.82 0.92 0.00	28.03 1.21 0.00	31.74 1.30 0.00	44.55 1.70 0.00	30.00 1.27 0.00	36.63 1.53 0.00	33.19 1.47 0.00	24.97 0.92 0.00	21.99 0.71 0.00
SYRACUSE___ENERGY_ST1 323597	-3.78 -0.04 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.09 -0.66	12.88 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.13 0.00	22.04 0.14 0.00	27.03 0.22 0.00	30.65 0.21 0.00	43.22 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
SYRACUSE___ENERGY_ST2 323598	-3.78 -0.04 -2.71	3.84 0.01 -1.63	1.10 -0.01 -2.17	-0.15 -0.02 -2.39	-1.26 -0.02 -2.32	5.63 0.03 -1.76	14.78 0.09 -0.66	12.88 0.04 -1.43	19.87 0.07 -0.06	23.35 0.08 0.00	20.79 0.07 0.00	21.04 0.09 0.00	21.89 0.08 0.00	22.00 0.10 0.00	22.55 0.13 0.00	22.04 0.14 0.00	27.03 0.22 0.00	30.65 0.21 0.00	43.22 0.36 0.00	28.95 0.21 0.00	35.35 0.23 -0.02	31.93 0.20 -0.01	24.12 0.08 0.00	21.37 0.08 0.00
SYRACUSE___POWER 24017	-3.66 -0.04 -2.82	3.91 0.01 -1.70	1.19 -0.01 -2.26	-0.05 -0.02 -2.49	-1.16 -0.02 -2.42	5.70 0.03 -1.83	14.80 0.08 -0.70	12.95 0.04 -1.49	19.89 0.09 -0.06	23.39 0.12 0.00	20.82 0.10 0.00	21.05 0.10 0.00	21.90 0.09 0.00	22.02 0.12 0.00	22.57 0.15 0.00	22.04 0.14 0.00	27.01 0.19 0.00	30.60 0.15 0.00	43.11 0.26 0.00	28.91 0.18 0.00	35.31 0.19 -0.01	31.90 0.18 -0.01	24.11 0.07 0.00	21.36 0.08 0.00
TALLMAN__138KV_BK151 55660	18.89 -0.28 -25.61	16.80 0.09 -14.52	18.20 -0.03 -19.29	18.64 -0.08 -21.26	16.98 -0.13 -20.68	19.63 0.15 -15.64	21.79 0.54 -7.23	24.23 0.49 -12.32	21.11 0.89 -0.48	24.34 1.07 0.00	21.73 1.01 0.00	22.04 1.09 0.00	22.95 1.14 0.00	23.02 1.13 0.00	23.59 1.16 -0.01	23.00 1.11 0.00	28.10 1.28 0.00	32.03 1.58 0.00	44.76 1.91 0.00	29.92 1.19 0.00	36.57 1.47 0.00	32.98 1.26 0.00	25.10 1.05 0.00	22.10 0.82 0.00
TEALLAVE_115KV_TB7 355573	-4.14 -0.02 -2.32	3.63 0.00 -1.43	0.84 0.00 -1.91	-0.44 -0.01 -2.10	-1.53 0.00 -2.04	5.39 0.01 -1.54	14.58 0.02 -0.54	12.66 -0.01 -1.25	19.80 0.01 -0.05	23.31 0.04 0.00	20.75 0.03 0.00	20.99 0.04 0.00	21.83 0.02 0.00	21.95 0.06 0.00	22.50 0.08 0.00	21.94 0.04 0.00	26.86 0.04 0.00	30.43 -0.02 0.00	42.84 -0.01 0.00	28.72 -0.01 0.00	35.07 -0.05 -0.01	31.70 -0.03 -0.01	23.97 -0.08 0.00	21.25 -0.04 0.00
TELGRAPH_34_KV_EAST 80808	-2.46 -0.18 -4.17	4.59 0.03 -2.36	2.05 -0.04 -3.14	0.83 -0.10 -3.46	-0.31 -0.12 -3.37	6.44 0.05 -2.55	15.29 0.09 -1.18	13.48 0.00 -2.06	19.84 0.02 -0.08	23.38 0.11 0.00	20.89 0.18 0.00	21.11 0.15 0.00	22.10 0.28 0.00	22.20 0.30 0.00	22.70 0.28 0.00	22.31 0.42 0.00	27.34 0.52 0.00	30.71 0.27 0.00	42.99 0.14 0.00	28.88 0.14 0.00	35.15 0.04 0.00	31.95 0.24 0.00	24.06 0.01 0.00	21.22 -0.06 0.00
TEMPLE___115KV_TB 2 55572	-4.10 -0.02 -2.36	3.65 0.00 -1.45	0.87 0.00 -1.93	-0.42 -0.01 -2.13	-1.50 -0.01 -2.07	5.42 0.01 -1.56	14.60 0.03 -0.55	12.69 0.00 -1.27	19.81 0.02 -0.05	23.33 0.06 0.00	20.77 0.05 0.00	21.00 0.05 0.00	21.85 0.04 0.00	21.97 0.07 0.00	22.51 0.09 0.00	21.96 0.06 0.00	26.88 0.06 0.00	30.45 0.01 0.00	42.88 0.03 0.00	28.75 0.02 0.00	35.10 -0.02 -0.01	31.72 0.00 -0.01	23.99 -0.06 0.00	21.27 -0.02 0.00
TIANA____69_KV_BK 1 55817	19.90 -0.40 -26.75	17.46 0.10 -15.17	19.04 -0.05 -20.15	19.53 -0.14 -22.20	17.75 -0.28 -21.59	20.48 0.31 -16.33	22.36 0.79 -7.55	25.04 0.74 -12.88	21.52 1.28 -0.50	24.71 1.44 0.00	22.01 1.29 0.00	22.24 1.29 0.00	23.33 1.52 0.00	23.08 1.18 0.00	23.61 1.18 -0.01	23.04 1.15 0.00	28.23 1.41 0.00	32.35 1.90 0.00	45.30 2.45 0.00	30.34 1.60 0.00	37.23 2.12 0.00	33.56 1.84 0.00	22.59 1.62 3.08	21.44 1.56 1.40
TILDEN___115KV_TB1 80814	-3.66 -0.04 -2.82	3.91 0.01 -1.70	1.19 -0.01 -2.26	-0.05 -0.02 -2.49	-1.16 -0.02 -2.42	5.70 0.03 -1.83	14.80 0.08 -0.70	12.95 0.04 -1.49	19.89 0.09 -0.06	23.39 0.12 0.00	20.82 0.10 0.00	21.05 0.10 0.00	21.90 0.09 0.00	22.02 0.12 0.00	22.57 0.15 0.00	22.04 0.14 0.00	27.01 0.19 0.00	30.60 0.15 0.00	43.11 0.26 0.00	28.91 0.18 0.00	35.31 0.19 -0.01	31.90 0.18 -0.01	24.11 0.07 0.00	21.36 0.08 0.00
TRIGEN___CC 323695	20.03 -0.28 -26.75	17.44 0.08 -15.17	19.06 -0.03 -20.15	19.58 -0.09 -22.20	17.87 -0.16 -21.59	20.36 0.19 -16.33	22.19 0.61 -7.55	24.89 0.59 -12.88	21.28 1.04 -0.50	24.48 1.21 0.00	21.87 1.15 0.00	22.13 1.18 0.00	23.13 1.31 -0.01	23.10 1.20 -0.01	23.65 1.22 -0.01	23.05 1.16 0.00	28.14 1.32 0.00	32.13 1.68 0.00	44.88 2.03 0.00	30.02 1.29 0.00	36.77 1.66 0.00	33.17 1.45 0.00	38.82 1.34 -13.44	28.53 1.13 -6.12
TRINITY__115KV__ 4 BK 55933	27.64 -0.04 -34.13	21.57 0.03 -19.35	24.58 -0.01 -25.65	25.69 -0.04 -28.26	23.87 -0.05 -27.49	24.66 0.03 -20.79	23.81 0.17 -9.61	28.03 0.15 -16.46	20.57 0.19 -0.64	23.47 0.20 0.00	20.91 0.19 0.00	21.20 0.25 0.00	22.12 0.30 0.00	22.21 0.31 0.00	22.74 0.34 0.02	22.07 0.18 0.00	26.93 0.11 0.00	30.86 0.42 0.00	43.43 0.57 0.00	29.12 0.39 0.00	35.62 0.52 0.00	32.07 0.36 0.00	24.33 0.28 0.00	21.52 0.23 0.00

UNION___PROCESSING_DRP 323587	-3.13 -0.13 -3.44	4.17 0.03 -1.95	1.51 -0.03 -2.60	0.26 -0.07 -2.86	-0.86 -0.08 -2.78	5.98 0.04 -2.10	15.14 0.15 -0.97	13.21 0.09 -1.70	19.92 0.11 -0.07	23.49 0.23 0.00	20.96 0.24 0.00	21.16 0.21 0.00	22.08 0.26 0.00	22.19 0.29 0.00	22.72 0.30 0.00	22.30 0.40 0.00	27.34 0.53 0.00	30.87 0.43 0.00	43.29 0.43 0.00	29.06 0.33 0.00	35.42 0.31 0.00	32.11 0.39 0.00	24.22 0.17 0.00	21.37 0.09 0.00
UPPER HUDSON___HYD 24058	28.42 -0.44 -35.30	22.36 0.14 -20.02	25.43 -0.07 -26.56	26.56 -0.16 -29.26	24.65 -0.25 -28.46	25.63 0.26 -21.52	24.98 1.00 -9.95	29.29 0.81 -17.07	21.75 1.34 -0.66	24.96 1.69 0.00	22.16 1.44 0.00	22.38 1.43 0.00	23.26 1.45 0.00	23.37 1.47 0.00	24.03 1.63 0.02	23.59 1.69 0.00	28.91 2.10 0.00	33.00 2.56 0.00	46.72 3.87 0.00	31.19 2.46 0.00	38.13 3.03 0.00	34.31 2.60 0.00	25.95 1.91 0.00	22.89 1.60 0.00
UPPER RAQUET___HYD 24056	-13.15 0.86 7.58	2.43 -0.20 -0.43	-0.38 0.11 -0.57	-1.65 0.26 -0.62	-2.61 0.34 -0.61	3.83 -0.48 -0.46	5.29 -1.82 6.91	10.23 -1.57 -0.38	17.02 -2.74 -0.01	20.15 -3.12 0.00	17.62 -3.10 0.00	17.80 -3.15 0.00	19.16 -2.65 0.00	19.21 -2.68 0.00	19.14 -3.27 0.00	18.55 -3.34 0.01	14.08 -4.08 8.66	-40.87 -4.54 66.77	37.29 -5.57 0.00	25.02 -3.71 0.00	31.08 -4.03 0.00	29.12 -2.60 0.00	22.45 -1.59 0.00	19.62 -1.66 0.00
VALLEY44_115KV_TB2 355964	-1.53 -0.30 -5.21	5.24 0.08 -2.96	2.82 -0.05 -3.93	1.67 -0.12 -4.33	0.50 -0.15 -4.21	7.15 0.13 -3.18	15.96 0.46 -1.48	14.49 0.42 -2.65	20.81 0.97 -0.10	24.50 1.23 0.00	21.88 1.17 0.00	22.11 1.16 0.00	23.02 1.21 0.00	23.08 1.18 0.00	23.61 1.19 0.00	23.08 1.19 0.00	28.21 1.40 0.00	31.59 1.14 0.00	44.12 1.27 0.00	29.56 0.82 0.00	36.13 1.02 0.00	32.60 0.88 0.00	24.58 0.53 0.00	21.68 0.39 0.00
VALLEY___115KV_TB 1-4 80826	-6.37 0.08 0.00	2.17 -0.03 0.00	-1.05 0.01 0.00	-2.51 0.03 0.00	-3.55 0.02 0.00	3.83 -0.02 0.00	14.02 0.00 0.00	11.36 -0.06 0.00	19.61 -0.13 0.00	23.05 -0.22 0.00	20.58 -0.14 0.00	20.83 -0.12 0.00	21.67 -0.15 0.00	21.77 -0.12 0.00	22.33 -0.09 0.00	21.77 -0.13 0.00	26.71 -0.11 0.00	30.34 -0.10 0.00	42.86 0.01 0.00	28.72 -0.02 0.00	35.03 -0.08 0.00	31.53 -0.19 0.00	23.88 -0.16 0.00	21.12 -0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	4.61 -0.18 -11.23	8.62 0.06 -6.37	7.37 -0.03 -8.46	6.72 -0.07 -9.32	5.41 -0.09 -9.07	10.82 0.12 -6.86	17.62 0.41 -3.18	17.56 0.38 -5.76	20.65 0.69 -0.22	24.08 0.81 0.00	21.45 0.73 0.00	21.68 0.73 0.00	22.56 0.74 0.00	22.65 0.75 0.00	23.19 0.77 0.00	22.67 0.78 0.00	27.80 0.98 0.00	31.46 1.02 0.00	44.24 1.39 0.00	29.66 0.93 0.00	36.23 1.12 0.00	32.72 1.00 0.00	24.78 0.73 0.00	21.87 0.58 0.00
VISCHER___FERRY HYD 24020	27.90 -0.18 -34.53	21.84 0.07 -19.58	24.85 -0.04 -25.95	25.97 -0.09 -28.59	24.12 -0.14 -27.82	24.98 0.11 -21.03	24.23 0.48 -9.73	28.48 0.40 -16.66	20.99 0.60 -0.65	23.95 0.68 0.00	21.32 0.60 0.00	21.61 0.66 0.00	22.53 0.72 0.00	22.63 0.73 0.00	23.18 0.78 0.02	22.50 0.60 0.00	27.46 0.64 0.00	31.47 1.03 0.00	44.35 1.50 0.00	29.73 1.01 0.00	36.40 1.29 0.00	32.77 1.06 0.00	24.86 0.81 0.00	21.98 0.70 0.00
V_A_10_SYNC_DSASP 323832	-2.69 -0.12 -3.87	4.40 0.01 -2.20	1.83 -0.03 -2.92	0.61 -0.07 -3.21	-0.52 -0.08 -3.12	6.22 0.01 -2.36	15.12 0.01 -1.09	13.27 -0.06 -1.91	19.71 -0.11 -0.07	23.26 -0.01 0.00	20.75 0.03 0.00	20.93 -0.02 0.00	21.86 0.05 0.00	21.95 0.06 0.00	22.46 0.04 0.00	22.03 0.13 0.00	26.97 0.15 0.00	30.32 -0.13 0.00	42.41 -0.44 0.00	28.43 -0.30 0.00	34.64 -0.46 0.00	31.48 -0.24 0.00	23.77 -0.28 0.00	21.00 -0.29 0.00
V_CMM_10_SYNC_DSASP 323787	-15.30 0.93 9.80	2.31 -0.21 -0.32	-0.51 0.12 -0.43	-1.78 0.27 -0.48	-2.73 0.37 -0.46	3.67 -0.52 -0.35	3.29 -2.02 8.71	10.07 -1.62 -0.28	17.04 -2.71 -0.01	20.42 -2.85 0.00	18.01 -2.71 0.00	18.15 -2.80 0.00	19.25 -2.57 0.00	19.27 -2.63 0.00	19.38 -3.04 0.00	18.76 -3.14 0.01	16.04 -3.82 6.96	-27.49 -4.28 53.66	37.62 -5.23 0.00	25.15 -3.57 0.00	30.96 -4.15 0.00	28.77 -2.95 0.00	22.15 -1.89 0.00	19.38 -1.91 0.00
V_CMP_10_SYNC_DSASP 323788	-15.44 0.81 9.81	2.36 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.82 0.28 -0.46	3.77 -0.43 -0.35	3.70 -1.60 8.72	10.42 -1.28 -0.28	17.62 -2.13 -0.01	21.06 -2.20 0.00	18.61 -2.11 0.00	18.74 -2.21 0.00	19.86 -1.95 0.00	19.93 -1.97 0.00	20.12 -2.30 0.00	19.39 -2.50 0.01	16.86 -3.01 6.95	-26.42 -3.27 53.60	39.16 -3.69 0.00	26.11 -2.62 0.00	32.17 -2.94 0.00	29.83 -1.89 0.00	22.92 -1.13 0.00	20.02 -1.26 0.00
V_E_10_SYNC_DSASP 323830	1.50 -0.38 -8.32	7.03 0.12 -4.72	5.15 -0.05 -6.27	4.25 -0.12 -6.91	2.98 -0.17 -6.72	9.15 0.23 -5.08	17.31 0.92 -2.36	16.72 0.76 -4.54	21.19 1.27 -0.18	24.69 1.43 0.00	21.93 1.21 0.00	22.17 1.22 0.00	23.13 1.31 0.00	23.29 1.39 0.00	23.88 1.46 0.00	23.37 1.47 0.00	28.87 2.05 0.00	32.90 2.45 0.00	46.74 3.89 0.00	31.54 2.81 0.00	38.57 3.46 -0.01	34.71 2.98 -0.01	25.96 1.92 0.00	22.69 1.40 0.00
V_F_30_NSYNC___DSASP 323816	28.42 -0.33 -35.19	22.26 0.11 -19.96	25.36 -0.05 -26.47	26.50 -0.13 -29.16	24.61 -0.20 -28.37	25.49 0.20 -21.45	24.72 0.77 -9.92	29.07 0.64 -17.01	21.44 1.04 -0.66	24.51 1.24 0.00	21.80 1.08 0.00	22.07 1.12 0.00	22.97 1.16 0.00	23.07 1.17 0.00	23.66 1.26 0.02	23.11 1.21 0.00	28.28 1.46 0.00	32.33 1.89 0.00	45.63 2.78 0.00	30.56 1.83 0.00	37.36 2.25 0.00	33.63 1.91 0.00	25.46 1.41 0.00	22.47 1.19 0.00
V_F_30_SYNC_DSASP 323786	27.89 -0.07 -34.40	21.74 0.03 -19.51	24.78 -0.02 -25.86	25.91 -0.05 -28.49	24.09 -0.07 -27.71	24.84 0.04 -20.96	23.95 0.23 -9.69	28.21 0.20 -16.60	20.66 0.28 -0.65	23.56 0.30 0.00	21.00 0.29 0.00	21.30 0.35 0.00	22.21 0.40 0.00	22.31 0.41 0.00	22.84 0.44 0.02	22.21 0.31 0.00	27.11 0.30 0.00	31.05 0.60 0.00	43.68 0.83 0.00	29.28 0.55 0.00	35.81 0.71 0.00	32.24 0.52 0.00	24.43 0.39 0.00	21.61 0.32 0.00
V_XM_10_SYNC_DSASP 323789	-15.44 0.81 9.81	2.36 -0.16 -0.32	-0.53 0.10 -0.43	-1.83 0.23 -0.48	-2.82 0.28 -0.46	3.77 -0.43 -0.35	3.70 -1.60 8.72	10.42 -1.28 -0.28	17.62 -2.13 -0.01	21.06 -2.20 0.00	18.61 -2.11 0.00	18.74 -2.21 0.00	19.86 -1.95 0.00	19.93 -1.97 0.00	20.12 -2.30 0.00	19.39 -2.50 0.01	16.86 -3.01 6.95	-26.42 -3.27 53.60	39.16 -3.69 0.00	26.11 -2.62 0.00	32.17 -2.94 0.00	29.83 -1.89 0.00	22.92 -1.13 0.00	20.02 -1.26 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.03 -0.30 -25.77	16.90 0.09 -14.61	18.32 -0.04 -19.41	18.76 -0.09 -21.39	17.10 -0.14 -20.80	19.74 0.16 -15.73	21.88 0.59 -7.27	24.35 0.53 -12.40	21.19 0.97 -0.48	24.42 1.15 0.00	21.80 1.08 0.00	22.10 1.15 0.00	23.03 1.21 0.00	23.10 1.20 0.00	23.67 1.25 -0.01	23.09 1.19 0.00	28.21 1.39 0.00	32.14 1.70 0.00	44.93 2.08 0.00	30.04 1.31 0.00	36.72 1.62 0.00	33.10 1.39 0.00	25.18 1.13 0.00	22.18 0.89 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.99 -0.31 -26.74	17.46 0.10 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.32	22.20 0.63 -7.55	24.88 0.58 -12.88	21.31 1.07 -0.50	24.53 1.27 0.00	21.91 1.19 0.00	22.18 1.23 0.00	23.12 1.31 0.00	23.19 1.29 0.00	23.77 1.34 -0.01	23.17 1.28 0.00	28.28 1.46 0.00	32.20 1.76 0.00	44.96 2.11 0.00	30.08 1.35 0.00	36.73 1.63 0.00	33.13 1.41 0.00	25.25 1.21 0.00	22.26 0.98 0.00
W50THST__13_KV_LOAD 356117	19.96 -0.34 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.86 -0.16 -21.59	20.36 0.19 -16.32	22.27 0.70 -7.55	24.93 0.64 -12.88	21.42 1.18 -0.50	24.67 1.40 0.00	22.03 1.31 0.00	22.31 1.36 0.00	23.25 1.44 0.00	23.32 1.42 0.00	23.91 1.48 -0.01	23.32 1.42 0.00	28.46 1.64 0.00	32.40 1.95 0.00	45.21 2.36 0.00	30.23 1.50 0.00	36.90 1.80 0.00	33.27 1.55 0.00	25.35 1.30 0.00	22.34 1.06 0.00
WADING RIVER_IC_1 23522	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.07 0.50 -7.55	24.78 0.48 -12.88	21.08 0.84 -0.50	24.18 0.91 0.00	21.55 0.83 0.00	21.78 0.83 0.00	22.90 1.09 0.00	22.61 0.71 0.00	23.13 0.70 -0.01	22.57 0.67 0.00	27.63 0.81 0.00	31.65 1.21 0.00	44.33 1.48 0.00	29.69 0.96 0.00	36.44 1.33 0.00	32.86 1.14 0.00	22.07 1.12 3.09	21.03 1.15 1.41
WADING RIVER_IC_2 23547	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.07 0.50 -7.55	24.78 0.48 -12.88	21.08 0.84 -0.50	24.18 0.91 0.00	21.55 0.83 0.00	21.78 0.83 0.00	22.90 1.09 0.00	22.61 0.71 0.00	23.13 0.70 -0.01	22.57 0.67 0.00	27.63 0.81 0.00	31.65 1.21 0.00	44.33 1.48 0.00	29.69 0.96 0.00	36.44 1.33 0.00	32.86 1.14 0.00	22.07 1.12 3.09	21.03 1.15 1.41
WADING RIVER_IC_3 23601	20.01 -0.30 -26.75	17.42 0.06 -15.17	19.06 -0.03 -20.15	19.57 -0.10 -22.20	17.81 -0.23 -21.59	20.42 0.25 -16.33	22.07 0.50 -7.55	24.78 0.48 -12.88	21.08 0.84 -0.50	24.18 0.91 0.00	21.55 0.83 0.00	21.78 0.83 0.00	22.90 1.09 0.00	22.61 0.71 0.00	23.13 0.70 -0.01	22.57 0.67 0.00	27.63 0.81 0.00	31.65 1.21 0.00	44.33 1.48 0.00	29.69 0.96 0.00	36.44 1.33 0.00	32.86 1.14 0.00	22.07 1.12 3.09	21.03 1.15 1.41
WALDENNY_12_KV_BK2 80841	-2.01 -0.22 -4.65	4.89 0.05 -2.64	2.40 -0.04 -3.51	1.22 -0.11 -3.87	0.07 -0.13 -3.76	6.77 0.08 -2.84	15.55 0.21 -1.32	13.87 0.14 -2.32	20.17 0.34 -0.09	23.83 0.56 0.00	21.31 0.59 0.00	21.53 0.58 0.00	22.52 0.70 0.00	22.63 0.73 0.00	23.17 0.75 0.00	22.79 0.89 0.00	27.94 1.13 0.00	31.30 0.85 0.00	43.75 0.90 0.00	29.33 0.60 0.00	35.70 0.59 0.00	32.42 0.70 0.00	24.41 0.37 0.00	21.50 0.21 0.00
WALDEN__HYDRO 24148	19.10 -0.30 -25.84	16.95 0.10 -14.65	18.37 -0.04 -19.47	18.82 -0.09 -21.45	17.15 -0.14 -20.86	19.80 0.17 -15.78	21.94 0.62 -7.30	24.40 0.55 -12.43	21.19 0.97 -0.48	24.37 1.10 0.00	21.74 1.03 0.00	22.02 1.07 0.00	22.93 1.11 0.00	22.99 1.10 0.00	23.57 1.14 -0.01	23.01 1.11 0.00	28.14 1.32 0.00	32.10 1.65 0.00	45.02 2.17 0.00	30.19 1.46 0.00	36.96 1.85 0.00	33.32 1.60 0.00	25.30 1.26 0.00	22.27 0.99 0.00
WARRENSBURG____ 23737	28.42 -0.44 -35.30	22.36 0.14 -20.02	25.43 -0.07 -26.56	26.56 -0.16 -29.26	24.65 -0.25 -28.46	25.63 0.26 -21.52	24.98 1.00 -9.95	29.29 0.81 -17.07	21.75 1.34 -0.66	24.96 1.69 0.00	22.16 1.44 0.00	22.38 1.43 0.00	23.26 1.45 0.00	23.37 1.47 0.00	24.03 1.63 0.02	23.59 1.69 0.00	28.91 2.10 0.00	33.00 2.56 0.00	46.72 3.87 0.00	31.19 2.46 0.00	38.13 3.03 0.00	34.31 2.60 0.00	25.95 1.91 0.00	22.89 1.60 0.00
WATERSIDE____6 8 9 23538	19.99 -0.31 -26.74	17.46 0.11 -15.16	19.05 -0.04 -20.14	19.57 -0.09 -22.19	17.88 -0.15 -21.59	20.34 0.17 -16.33	22.19 0.62 -7.55	24.87 0.57 -12.88	21.29 1.05 -0.50	24.49 1.23 0.00	21.88 1.16 0.00	22.17 1.22 0.00	23.10 1.29 0.00	23.17 1.27 0.00	23.75 1.32 -0.01	23.17 1.27 0.00	28.27 1.45 0.00	32.17 1.72 0.00	44.91 2.06 0.00	30.05 1.32 0.00	36.68 1.58 0.00	33.10 1.39 0.00	25.24 1.19 0.00	22.24 0.95 0.00
WATKINRD_115KV_LN8_ILLION 55919	-6.39 0.05 0.00	2.18 -0.02 0.00	-1.05 0.01 0.00	-2.51 0.02 0.00	-3.55 0.02 0.00	3.82 -0.02 0.00	13.98 -0.04 0.00	11.36 -0.06 0.00	19.61 -0.13 0.00	23.04 -0.22 0.00	20.55 -0.16 0.00	20.79 -0.16 0.00	21.63 -0.18 0.00	21.73 -0.17 0.00	22.27 -0.15 0.00	21.73 -0.17 0.00	26.66 -0.16 0.00	30.30 -0.14 0.00	42.79 -0.06 0.00	28.71 -0.03 0.00	35.06 -0.05 0.00	31.61 -0.11 0.00	23.93 -0.12 0.00	21.15 -0.14 0.00
WATSON____69_KV_BK 1 55734	19.91 -0.39 -26.75	17.47 0.11 -15.17	19.04 -0.05 -20.15	19.53 -0.13 -22.20	17.79 -0.24 -21.59	20.44 0.27 -16.33	22.41 0.84 -7.55	25.09 0.79 -12.88	21.63 1.39 -0.50	24.86 1.59 0.00	22.16 1.44 0.00	22.39 1.44 0.00	23.41 1.60 0.00	23.29 1.39 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.42 1.60 0.00	32.54 2.09 0.00	45.48 2.62 0.00	30.45 1.72 0.00	37.40 2.30 0.00	33.74 2.02 0.00	23.71 1.78 2.11	21.93 1.60 0.96
WDELAWARE__HYD 323627	17.39 -0.13 -23.96	15.82 0.03 -13.59	16.98 -0.01 -18.05	17.33 -0.02 -19.88	15.73 -0.04 -19.34	18.55 0.08 -14.63	21.13 0.34 -6.77	23.81 0.73 -11.65	21.48 1.29 -0.45	24.87 1.60 0.00	22.31 1.60 0.00	22.62 1.67 0.00	23.41 1.60 0.00	23.13 1.23 0.00	23.69 1.27 0.00	23.21 1.31 0.00	28.44 1.62 0.00	32.78 2.34 0.00	46.24 3.39 0.00	30.63 1.90 0.00	37.58 2.47 0.00	33.68 1.96 0.00	25.71 1.67 0.00	22.51 1.23 0.00
WEST BABYLON__IC 23714	19.94 -0.36 -26.75	17.46 0.10 -15.17	19.04 -0.04 -20.15	19.55 -0.12 -22.20	17.81 -0.22 -21.59	20.42 0.25 -16.33	22.37 0.80 -7.55	25.05 0.75 -12.88	21.55 1.31 -0.50	24.77 1.50 0.00	22.05 1.34 0.00	22.29 1.34 0.00	23.30 1.49 0.00	23.19 1.29 0.00	23.73 1.30 -0.01	23.15 1.25 0.00	28.27 1.46 0.00	32.35 1.91 0.00	45.25 2.40 0.00	30.31 1.58 0.00	37.20 2.10 0.00	33.56 1.85 0.00	25.70 1.66 0.00	22.80 1.51 0.00
WEST CANADA__HYD 24049	-6.41 0.04 0.00	2.19 -0.01 0.00	-1.06 0.00 0.00	-2.52 0.01 0.00	-3.55 0.02 0.00	3.82 -0.02 0.00	13.95 -0.07 0.00	11.36 -0.06 0.00	19.64 -0.10 0.00	23.15 -0.11 0.00	20.62 -0.10 0.00	20.85 -0.10 0.00	21.71 -0.11 0.00	21.79 -0.11 0.00	22.31 -0.11 0.00	21.80 -0.10 0.00	26.71 -0.11 0.00	30.32 -0.12 0.00	42.72 -0.13 0.00	28.64 -0.09 0.00	35.00 -0.10 0.00	31.62 -0.09 0.00	23.99 -0.06 0.00	21.22 -0.06 0.00
WESTERN_NY_WIND 24143	-2.43 -0.24 -4.25	4.65 0.05 -2.41	2.10 -0.04 -3.20	0.88 -0.11 -3.53	-0.27 -0.14 -3.43	6.52 0.08 -2.59	15.43 0.21 -1.20	13.62 0.10 -2.10	20.00 0.18 -0.08	23.53 0.26 0.00	20.99 0.27 0.00	21.24 0.29 0.00	22.24 0.42 0.00	22.34 0.45 0.00	22.86 0.44 0.00	22.47 0.57 0.00	27.56 0.74 0.00	31.00 0.55 0.00	43.54 0.68 0.00	29.30 0.57 0.00	35.72 0.61 0.00	32.44 0.72 0.00	24.35 0.30 0.00	21.46 0.17 0.00

WESTOVER___LESR 323668	2.16 -0.15 -8.75	7.21 0.05 -4.96	5.51 -0.02 -6.60	4.68 -0.06 -7.27	3.43 -0.07 -7.07	9.32 0.13 -5.35	16.82 0.32 -2.48	16.05 0.26 -4.37	20.44 0.53 -0.17	23.92 0.65 0.00	21.29 0.58 0.00	21.50 0.55 0.00	22.31 0.50 0.00	22.44 0.55 0.00	22.99 0.57 0.00	22.50 0.61 0.00	27.67 0.86 0.00	31.12 0.68 0.00	43.81 0.96 0.00	29.40 0.67 0.00	35.94 0.83 -0.01	32.45 0.72 -0.01	24.48 0.44 0.00	21.59 0.31 0.00
WETHRSFD_WT_PWR 323626	-1.39 -0.16 -5.21	5.17 0.02 -2.95	2.84 -0.02 -3.92	1.74 -0.05 -4.32	0.59 -0.06 -4.20	7.02 0.00 -3.18	15.52 0.02 -1.47	14.06 0.05 -2.59	20.13 0.29 -0.10	23.82 0.55 0.00	21.27 0.56 0.00	21.48 0.53 0.00	22.39 0.58 0.00	22.53 0.64 0.00	23.06 0.64 0.00	22.65 0.75 0.00	27.83 1.01 0.00	31.15 0.70 0.00	43.62 0.76 0.00	29.27 0.54 0.00	35.66 0.56 0.00	32.31 0.59 0.00	24.30 0.25 0.00	21.38 0.09 0.00
WHAVSTOR_138KV_BK127 55557	19.09 -0.27 -25.80	16.91 0.09 -14.63	18.34 -0.03 -19.44	18.80 -0.08 -21.41	17.14 -0.13 -20.83	19.74 0.15 -15.75	21.84 0.53 -7.28	24.32 0.48 -12.42	21.10 0.88 -0.48	24.32 1.05 0.00	21.71 0.99 0.00	22.01 1.06 0.00	22.92 1.11 0.00	22.99 1.10 0.00	23.56 1.14 -0.01	22.98 1.08 0.00	28.06 1.24 0.00	31.98 1.54 0.00	44.71 1.86 0.00	29.89 1.16 0.00	36.54 1.43 0.00	32.94 1.23 0.00	25.07 1.03 0.00	22.09 0.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.09 -0.27 -25.80	16.91 0.09 -14.63	18.34 -0.03 -19.44	18.80 -0.08 -21.41	17.14 -0.13 -20.83	19.74 0.15 -15.75	21.84 0.53 -7.28	24.32 0.48 -12.42	21.10 0.88 -0.48	24.32 1.05 0.00	21.71 0.99 0.00	22.01 1.06 0.00	22.92 1.11 0.00	22.99 1.10 0.00	23.56 1.14 -0.01	22.98 1.08 0.00	28.06 1.24 0.00	31.98 1.54 0.00	44.71 1.86 0.00	29.89 1.16 0.00	36.54 1.43 0.00	32.94 1.23 0.00	25.07 1.03 0.00	22.09 0.80 0.00
WHITEHAL_115KV_TB1 80871	28.17 -0.65 -35.26	22.37 0.18 -19.99	25.37 -0.09 -26.52	26.47 -0.21 -29.22	24.50 -0.36 -28.42	25.73 0.40 -21.49	25.29 1.33 -9.94	29.45 0.99 -17.04	22.05 1.64 -0.66	25.75 2.49 0.00	22.85 2.13 0.00	22.95 1.99 0.00	23.69 1.88 0.00	23.80 1.90 0.00	24.67 2.27 0.02	24.39 2.49 0.00	29.85 3.03 0.00	33.90 3.45 0.00	48.64 5.79 0.00	31.94 3.21 0.00	39.07 3.96 0.00	35.27 3.55 0.00	26.76 2.71 0.00	23.66 2.37 0.00
WHITEPLN_13_KV_LOAD 356215	19.90 -0.34 -26.69	17.44 0.11 -15.13	19.00 -0.04 -20.10	19.51 -0.11 -22.15	17.81 -0.17 -21.54	20.33 0.20 -16.29	22.26 0.71 -7.53	24.88 0.61 -12.85	21.35 1.11 -0.50	24.58 1.31 0.00	21.95 1.23 0.00	22.23 1.28 0.00	23.17 1.36 0.00	23.23 1.34 0.00	23.81 1.38 -0.01	23.22 1.33 0.00	28.37 1.55 0.00	32.32 1.88 0.00	45.17 2.32 0.00	30.19 1.47 0.00	36.90 1.79 0.00	33.27 1.55 0.00	25.32 1.27 0.00	22.32 1.03 0.00
WM_FLOYD_69_KV_BK2 356380	19.97 -0.33 -26.75	17.44 0.08 -15.17	19.05 -0.04 -20.15	19.56 -0.11 -22.20	17.80 -0.23 -21.59	20.43 0.26 -16.33	22.21 0.64 -7.55	24.90 0.60 -12.88	21.28 1.04 -0.50	24.41 1.14 0.00	21.74 1.02 0.00	21.98 1.03 0.00	23.02 1.22 0.00	22.81 0.92 0.00	23.34 0.91 -0.01	22.77 0.88 0.00	27.87 1.06 0.00	31.93 1.48 0.00	44.73 1.88 0.00	29.96 1.23 0.00	36.78 1.67 0.00	33.18 1.47 0.00	22.38 1.36 3.03	21.22 1.32 1.38
WOODARD__115KV_TB2 355635	-4.09 0.00 -2.35	3.63 -0.01 -1.44	0.86 0.00 -1.92	-0.42 0.00 -2.11	-1.50 0.00 -2.05	5.40 0.00 -1.56	14.55 -0.02 -0.55	12.64 -0.04 -1.26	19.74 -0.05 -0.05	23.24 -0.02 0.00	20.69 -0.02 0.00	20.93 -0.02 0.00	21.77 -0.04 0.00	21.89 -0.01 0.00	22.43 0.01 0.00	21.87 -0.02 0.00	26.77 -0.04 0.00	30.34 -0.10 0.00	42.73 -0.12 0.00	28.65 -0.08 0.00	34.99 -0.12 -0.01	31.62 -0.11 -0.01	23.91 -0.13 0.00	21.19 -0.09 0.00
YORK___WARBASSE 23770	19.96 -0.33 -26.74	17.47 0.11 -15.16	19.04 -0.04 -20.14	19.56 -0.10 -22.19	17.87 -0.16 -21.59	20.35 0.18 -16.33	22.24 0.67 -7.55	24.91 0.62 -12.88	21.35 1.11 -0.50	24.55 1.28 0.00	21.92 1.21 0.00	22.22 1.27 0.00	23.17 1.35 0.00	23.23 1.33 0.00	23.82 1.39 -0.01	23.24 1.34 0.00	28.35 1.53 0.00	32.25 1.80 0.00	44.98 2.13 0.00	30.16 1.43 0.00	36.79 1.69 0.00	33.22 1.50 0.00	25.36 1.32 0.00	22.34 1.05 0.00