

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

05/17/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	23.22	21.89	21.66	21.51	21.97	23.83	22.89	26.44	33.94	24.85	27.02	23.17	19.80	19.69	20.16	18.50	21.20	23.67	26.12	45.83	157.34	32.98	22.15	19.35
24138	-0.29	-0.13	-0.04	0.31	0.03	0.25	0.64	1.05	2.46	1.91	2.15	2.01	0.39	0.08	-0.25	0.01	1.26	2.08	2.04	3.46	10.89	2.28	1.57	1.32
	-27.12	-23.64	-22.29	-16.86	-21.48	-20.35	-14.28	-12.30	-3.59	0.00	0.00	-0.32	-15.39	-18.84	-22.85	-18.41	-7.92	-0.19	-1.56	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.22	21.90	21.66	21.51	21.97	23.82	22.89	26.43	33.84	24.78	26.93	23.10	19.79	19.69	20.17	18.50	21.16	23.59	26.05	45.73	157.12	32.92	22.12	19.33
24260	-0.29	-0.13	-0.04	0.30	0.03	0.24	0.63	1.04	2.37	1.84	2.06	1.94	0.38	0.07	-0.24	0.01	1.21	2.00	1.98	3.36	10.67	2.21	1.54	1.30
	-27.12	-23.64	-22.29	-16.86	-21.48	-20.35	-14.28	-12.30	-3.59	0.00	0.00	-0.32	-15.39	-18.84	-22.85	-18.41	-7.92	-0.19	-1.56	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.22	21.90	21.66	21.51	21.97	23.82	22.89	26.43	33.84	24.78	26.93	23.10	19.79	19.69	20.17	18.50	21.16	23.59	26.05	45.73	157.12	32.92	22.12	19.33
24261	-0.29	-0.13	-0.04	0.30	0.03	0.24	0.63	1.04	2.37	1.84	2.06	1.94	0.38	0.07	-0.24	0.01	1.21	2.00	1.98	3.36	10.67	2.21	1.54	1.30
	-27.12	-23.64	-22.29	-16.86	-21.48	-20.35	-14.28	-12.30	-3.59	0.00	0.00	-0.32	-15.39	-18.84	-22.85	-18.41	-7.92	-0.19	-1.56	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.15	27.88	27.27	25.55	27.29	28.78	26.20	29.09	33.51	23.50	25.50	21.86	23.43	24.39	26.11	23.13	22.38	22.55	25.55	44.35	153.57	32.23	21.51	18.81
24011	-0.15	-0.06	-0.02	0.15	0.02	0.13	0.37	0.62	1.13	0.56	0.64	0.63	0.13	0.03	-0.07	-0.01	0.44	0.92	1.08	1.98	7.12	1.52	0.93	0.78
	-33.91	-29.56	-27.88	-21.05	-26.82	-25.41	-17.85	-15.38	-4.49	0.00	0.00	-0.40	-19.28	-23.59	-28.61	-23.05	-9.92	-0.24	-1.96	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.15	27.90	27.29	25.59	27.33	28.82	26.28	29.22	33.69	23.57	25.61	21.95	23.46	24.42	26.13	23.14	22.48	22.71	25.74	44.63	154.66	32.46	21.65	18.93
23798	-0.17	-0.07	-0.02	0.17	0.02	0.15	0.43	0.73	1.30	0.63	0.74	0.71	0.15	0.03	-0.07	-0.01	0.53	1.07	1.27	2.27	8.21	1.76	1.07	0.90
	-33.93	-29.59	-27.90	-21.07	-26.85	-25.44	-17.87	-15.40	-4.50	0.00	0.00	-0.40	-19.29	-23.61	-28.64	-23.07	-9.92	-0.24	-1.96	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.15	27.88	27.27	25.55	27.29	28.78	26.20	29.09	33.51	23.50	25.50	21.86	23.43	24.39	26.11	23.13	22.38	22.55	25.55	44.35	153.57	32.23	21.51	18.81
24028	-0.15	-0.06	-0.02	0.15	0.02	0.13	0.37	0.62	1.13	0.56	0.64	0.63	0.13	0.03	-0.07	-0.01	0.44	0.92	1.08	1.98	7.12	1.52	0.93	0.78
	-33.91	-29.56	-27.88	-21.05	-26.82	-25.41	-17.85	-15.38	-4.49	0.00	0.00	-0.40	-19.28	-23.59	-28.61	-23.05	-9.92	-0.24	-1.96	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	28.90	26.81	26.27	24.91	26.38	27.93	25.58	28.58	33.40	23.56	25.50	21.89	22.73	23.54	25.06	22.31	21.91	22.32	25.21	44.05	152.99	32.15	21.51	18.87
23527	-0.20	-0.09	-0.03	0.24	0.02	0.16	0.39	0.65	1.18	0.62	0.64	0.66	0.14	0.03	-0.07	0.00	0.33	0.69	0.81	1.68	6.53	1.45	0.93	0.84
	-32.70	-28.52	-26.89	-20.32	-25.90	-24.54	-17.22	-14.83	-4.33	0.00	0.00	-0.39	-18.58	-22.73	-27.57	-22.21	-9.56	-0.23	-1.89	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.91	26.80	26.26	24.85	26.36	27.89	25.52	28.48	33.37	23.69	25.66	22.05	22.73	23.51	24.99	22.27	22.05	22.51	25.33	44.05	152.30	31.96	21.42	18.77
24190	-0.15	-0.07	-0.02	0.18	0.02	0.14	0.34	0.57	1.15	0.75	0.80	0.82	0.17	0.03	-0.10	0.00	0.48	0.88	0.93	1.69	5.85	1.26	0.84	0.74
	-32.68	-28.49	-26.87	-20.31	-25.89	-24.52	-17.20	-14.81	-4.33	0.00	0.00	-0.39	-18.55	-22.69	-27.53	-22.17	-9.54	-0.23	-1.89	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	-3.53	-1.59	-0.58	4.28	0.45	3.17	7.82	12.82	27.31	22.60	24.47	20.38	3.93	0.76	-2.38	0.09	11.73	20.88	21.98	41.43	143.35	30.16	20.22	17.74
355683	0.08	0.03	0.01	-0.06	-0.01	-0.06	-0.16	-0.27	-0.58	-0.34	-0.39	-0.46	-0.08	-0.02	0.06	0.00	-0.30	-0.51	-0.53	-0.94	-3.10	-0.54	-0.35	-0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	28.91	26.80	26.26	24.85	26.36	27.89	25.52	28.48	33.37	23.69	25.66	22.05	22.73	23.51	24.99	22.27	22.05	22.51	25.33	44.05	152.30	31.96	21.42	18.77
23571	-0.15	-0.07	-0.02	0.18	0.02	0.14	0.34	0.57	1.15	0.75	0.80	0.82	0.17	0.03	-0.10	0.00	0.48	0.88	0.93	1.69	5.85	1.26	0.84	0.74
	-32.68	-28.49	-26.87	-20.31	-25.89	-24.52	-17.20	-14.81	-4.33	0.00	0.00	-0.39	-18.55	-22.69	-27.53	-22.17	-9.54	-0.23	-1.89	0.00	0.00	0.00	0.00	0.00
ALBANY___2	28.91	26.80	26.26	24.85	26.36	27.89	25.52	28.48	33.37	23.69	25.66	22.05	22.73	23.51	24.99	22.27	22.05	22.51	25.33	44.05	152.30	31.96	21.42	18.77
23572	-0.15	-0.07	-0.02	0.18	0.02	0.14	0.34	0.57	1.15	0.75	0.80	0.82	0.17	0.03	-0.10	0.00	0.48	0.88	0.93	1.69	5.85	1.26	0.84	0.74
	-32.68	-28.49	-26.87	-20.31	-25.89	-24.52	-17.20	-14.81	-4.33	0.00	0.00	-0.39	-18.55	-22.69	-27.53	-22.17	-9.54	-0.23	-1.89	0.00	0.00	0.00	0.00	0.00
ALBANY___3	28.91	26.80	26.26	24.85	26.36	27.89	25.52	28.48	33.37	23.69	25.66	22.05	22.73	23.51	24.99	22.27	22.05	22.51	25.33	44.05	152.30	31.96	21.42	18.77
23573	-0.15	-0.07	-0.02	0.18	0.02	0.14	0.34	0.57	1.15	0.75	0.80	0.82	0.17	0.03	-0.10	0.00	0.48	0.88	0.93	1.69	5.85	1.26	0.84	0.74
	-32.68	-28.49	-26.87	-20.31	-25.89	-24.52	-17.20	-14.81	-4.33	0.00	0.00	-0.39	-18.55	-22.69	-27.53	-22.17	-9.54	-0.23	-1.89	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	28.91 -0.15 -32.68	26.80 -0.07 -28.49	26.26 -0.02 -26.87	24.85 0.18 -20.31	26.36 0.02 -25.89	27.89 0.14 -24.52	25.52 0.34 -17.20	28.48 0.57 -14.81	33.37 1.15 -4.33	23.69 0.75 0.00	25.66 0.80 0.00	22.05 0.82 -0.39	22.73 0.17 -18.55	23.51 0.03 -22.69	24.99 -0.10 -27.53	22.27 0.00 -22.17	22.05 0.48 -9.54	22.51 0.88 -0.23	25.33 0.93 -1.89	44.05 1.69 0.00	152.30 5.85 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.77 0.74 0.00
ALBANY___LFGE 323615	29.17 -0.17 -32.95	27.03 -0.08 -28.73	26.48 -0.03 -27.09	25.03 0.20 -20.48	26.58 0.02 -26.10	28.11 0.15 -24.73	25.71 0.38 -17.35	28.67 0.63 -14.94	33.54 1.28 -4.36	23.80 0.85 0.00	25.77 0.91 0.00	22.14 0.91 -0.39	22.91 0.18 -18.71	23.71 0.03 -22.89	25.22 -0.11 -27.77	22.46 0.00 -22.37	22.19 0.54 -9.62	22.61 0.98 -0.24	25.46 1.05 -1.90	44.27 1.90 0.00	153.02 6.57 0.00	32.12 1.41 0.00	21.51 0.94 0.00	18.85 0.82 0.00
ALCOA_PA_115KV_PL-6C 55860	-3.55 0.06 0.00	-1.60 0.02 0.00	-0.58 0.01 0.00	4.31 -0.04 0.00	0.45 0.00 0.00	3.19 -0.04 0.00	7.86 -0.12 0.00	12.88 -0.22 0.00	27.44 -0.44 0.00	22.77 -0.17 0.00	24.63 -0.23 0.00	20.45 -0.39 0.00	3.94 -0.07 0.00	0.77 -0.01 0.00	-1.98 0.06 -0.41	0.30 0.00 -0.21	11.73 -0.30 0.00	20.90 -0.50 0.00	22.02 -0.50 0.00	41.56 -0.81 0.00	143.86 -2.59 0.00	30.36 -0.35 0.00	20.33 -0.24 0.00	17.86 -0.17 0.00
ALCOA_RYNLDS___DRP 24188	-3.55 0.06 0.00	-1.60 0.02 0.00	-0.58 0.01 0.00	4.31 -0.04 0.00	0.45 0.00 0.00	3.19 -0.04 0.00	7.86 -0.12 0.00	12.88 -0.22 0.00	27.44 -0.44 0.00	22.77 -0.17 0.00	24.63 -0.23 0.00	20.45 -0.39 0.00	3.94 -0.07 0.00	0.77 -0.01 0.00	-1.98 0.06 -0.41	0.30 0.00 -0.21	11.73 -0.30 0.00	20.90 -0.50 0.00	22.02 -0.50 0.00	41.56 -0.81 0.00	143.86 -2.59 0.00	30.36 -0.35 0.00	20.33 -0.24 0.00	17.86 -0.17 0.00
ALCOA___DSASP 323711	-3.55 0.06 0.00	-1.60 0.02 0.00	-0.58 0.01 0.00	4.31 -0.04 0.00	0.45 0.00 0.00	3.19 -0.04 0.00	7.86 -0.12 0.00	12.88 -0.22 0.00	27.44 -0.45 0.00	22.77 -0.17 0.00	24.63 -0.24 0.00	20.45 -0.39 0.00	3.94 -0.07 0.00	0.77 -0.01 0.00	-1.98 0.06 -0.41	0.30 0.00 -0.21	11.73 -0.30 0.00	20.90 -0.50 0.00	22.02 -0.50 0.00	41.56 -0.81 0.00	143.86 -2.59 0.00	30.36 -0.35 0.00	20.34 -0.24 0.00	17.86 -0.17 0.00
ALLEGHENY___COGEN 23514	0.82 -0.14 -4.57	2.32 -0.05 -3.99	3.16 -0.01 -3.76	7.25 0.06 -2.84	4.09 0.01 -3.62	6.78 0.12 -3.43	10.70 0.32 -2.41	15.67 0.50 -2.07	29.54 1.04 -0.61	23.66 0.72 0.00	25.48 0.62 0.00	21.21 0.32 -0.05	6.61 -0.01 -2.60	3.97 0.00 -3.19	1.41 0.00 -3.85	3.20 0.01 -3.10	13.31 -0.05 -1.33	21.53 0.10 -0.03	23.02 0.25 -0.26	43.60 1.24 0.00	153.08 6.62 0.00	32.01 1.30 0.00	21.40 0.83 0.00	18.70 0.67 0.00
ALTAMONT_115KV_TB 2 55880	28.96 -0.13 -32.70	26.84 -0.06 -28.52	26.28 -0.02 -26.89	24.84 0.16 -20.33	26.38 0.02 -25.91	27.96 0.12 -24.60	26.04 0.37 -17.69	28.95 0.61 -15.24	33.56 1.22 -4.45	23.72 0.78 0.00	25.70 0.84 0.00	22.01 0.78 -0.40	23.24 0.15 -19.07	24.15 0.03 -23.34	25.78 -0.09 -28.31	22.89 0.00 -22.80	22.29 0.45 -9.81	22.41 0.78 -0.23	25.23 0.83 -1.89	43.89 1.52 0.00	151.60 5.15 0.00	31.82 1.11 0.00	21.33 0.75 0.00	18.69 0.66 0.00
ALTONA_WT_PWR 323606	-3.58 0.03 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.34 -0.01 0.00	0.45 0.00 0.00	3.24 0.01 0.00	8.00 0.02 0.00	13.03 -0.06 0.00	27.37 -0.52 0.00	22.42 -0.52 0.00	24.42 -0.45 0.00	20.18 -0.66 0.00	3.88 -0.13 0.00	0.76 -0.02 0.00	-8.39 0.15 6.10	-3.12 -0.02 3.20	11.42 -0.61 0.00	20.55 -0.84 0.00	21.95 -0.56 0.00	41.98 -0.38 0.00	146.98 0.54 0.00	30.73 0.02 0.00	20.53 -0.04 0.00	18.00 -0.03 0.00
AMERICAN_REF_FUEL 24010	0.90 0.12 -4.38	2.27 0.07 -3.82	3.05 0.04 -3.60	6.76 -0.31 -2.73	3.90 -0.03 -3.47	6.31 -0.21 -3.29	9.69 -0.60 -2.31	14.08 -1.00 -1.99	26.40 -2.08 -0.58	21.57 -1.38 0.00	23.43 -1.44 0.00	19.52 -1.37 -0.05	6.21 -0.30 -2.49	3.78 -0.06 -3.05	1.40 0.14 -3.69	3.08 0.02 -2.98	12.36 -0.95 -1.28	19.77 -1.66 -0.03	20.91 -1.86 -0.25	38.85 -3.51 0.00	135.39 -11.06 0.00	28.15 -2.56 0.00	18.91 -1.67 0.00	16.56 -1.48 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	1.27 0.04 -4.84	2.63 0.03 -4.22	3.41 0.02 -3.98	7.18 -0.17 -3.01	4.28 -0.01 -3.83	6.80 -0.07 -3.63	10.33 -0.20 -2.55	14.96 -0.33 -2.20	28.03 -0.51 -0.65	22.92 -0.03 -0.01	24.94 0.07 -0.01	20.77 -0.13 -0.07	6.70 -0.06 -2.75	4.14 -0.01 -3.37	1.64 0.00 -4.08	3.39 0.02 -3.28	13.21 -0.23 -1.42	21.10 -0.34 -0.04	22.37 -0.42 -0.28	41.66 -0.70 0.00	145.06 -1.39 0.00	30.12 -0.58 0.00	20.11 -0.47 0.00	17.58 -0.45 0.00
ARTHUR_KILL_GT_1 23520	23.20 -0.31 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.32 -16.86	21.97 0.03 -21.48	23.84 0.26 -20.35	22.92 0.66 -14.28	26.43 1.04 -12.30	33.74 2.27 -3.59	24.75 1.81 0.00	26.84 1.98 0.00	23.03 1.87 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.12 1.18 -7.92	23.53 1.94 -0.19	25.98 1.91 -1.56	45.58 3.22 0.00	156.09 9.63 0.00	32.70 2.00 0.00	22.07 1.49 0.00	19.29 1.26 0.00
ARTHUR_KILL_2 23512	23.21 -0.30 -27.12	21.89 -0.13 -23.64	21.66 -0.04 -22.29	21.51 0.31 -16.86	21.97 0.03 -21.48	23.83 0.25 -20.35	22.89 0.64 -14.28	26.39 1.00 -12.30	33.69 2.21 -3.59	24.70 1.76 0.00	26.78 1.92 0.00	22.98 1.83 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.09 1.15 -7.92	23.48 1.89 -0.19	25.93 1.85 -1.56	45.46 3.10 0.00	155.66 9.21 0.00	32.63 1.92 0.00	22.02 1.44 0.00	19.24 1.21 0.00
ARTHUR_KILL_3 23513	23.26 -0.25 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.46 0.25 -16.86	21.96 0.03 -21.48	23.78 0.20 -20.35	22.78 0.53 -14.28	26.25 0.86 -12.30	33.52 2.04 -3.59	24.47 1.53 0.00	26.63 1.76 0.00	22.85 1.69 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.01 1.07 -7.92	23.29 1.70 -0.19	25.74 1.67 -1.56	45.16 2.79 0.00	155.21 8.76 0.00	32.57 1.87 0.00	21.89 1.32 0.00	19.14 1.11 0.00
ARTHUR_KILL_COGEN 323718	23.20 -0.31 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.32 -16.86	21.97 0.03 -21.48	23.84 0.26 -20.35	22.92 0.66 -14.28	26.43 1.04 -12.30	33.74 2.27 -3.59	24.75 1.81 0.00	26.84 1.98 0.00	23.03 1.87 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.12 1.18 -7.92	23.53 1.94 -0.19	25.98 1.91 -1.56	45.58 3.22 0.00	156.09 9.63 0.00	32.70 2.00 0.00	22.07 1.49 0.00	19.29 1.26 0.00
ASHOKAN____ 23654	25.51 -0.18 -29.30	23.85 -0.08 -25.54	23.47 -0.03 -24.09	22.80 0.23 -18.21	23.69 0.02 -23.21	25.38 0.16 -21.99	23.81 0.41 -15.42	27.09 0.71 -13.28	33.44 1.68 -3.88	24.06 1.13 0.00	26.03 1.17 0.00	22.30 1.12 -0.35	20.83 0.19 -16.63	21.16 0.03 -20.34	22.13 -0.12 -24.68	19.99 0.02 -19.88	21.21 0.63 -8.55	22.82 1.21 -0.21	25.53 1.32 -1.69	45.12 2.75 0.00	155.35 8.90 0.00	32.73 2.03 0.00	21.89 1.31 0.00	19.13 1.10 0.00

ASTORIA_EAST_ENERGY_CC1 323581	23.25 -0.25 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.26 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.32 0.93 -12.30	33.64 2.16 -3.59	24.58 1.64 0.00	26.65 1.79 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.06 -18.84	20.19 -0.21 -22.85	18.50 0.01 -18.41	21.05 1.11 -7.92	23.38 1.79 -0.19	25.83 1.75 -1.56	45.31 2.94 0.00	155.72 9.27 0.00	32.66 1.96 0.00	21.98 1.41 0.00	19.24 1.21 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.25 -0.25 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.26 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.32 0.93 -12.30	33.64 2.16 -3.59	24.58 1.64 0.00	26.65 1.79 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.06 -18.84	20.19 -0.21 -22.85	18.50 0.01 -18.41	21.05 1.11 -7.92	23.38 1.79 -0.19	25.83 1.75 -1.56	45.31 2.94 0.00	155.72 9.27 0.00	32.66 1.96 0.00	21.98 1.41 0.00	19.24 1.21 0.00
ASTORIA_GT2_1 24094	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00
ASTORIA_GT2_2 24095	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00
ASTORIA_GT2_3 24096	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00
ASTORIA_GT2_4 24097	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00
ASTORIA_GT3_1 24098	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00

ASTORIA_GT_10 24110	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA_GT_11 24225	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA_GT_12 24226	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA_GT_13 24227	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA_GT_5 24106	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.82 0.23 -20.35	22.85 0.60 -14.28	26.35 0.96 -12.30	33.71 2.23 -3.59	24.64 1.70 0.00	26.71 1.85 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.44 1.85 -0.19	25.88 1.81 -1.56	45.41 3.04 0.00	156.10 9.65 0.00	32.73 2.03 0.00	22.03 1.45 0.00	19.28 1.25 0.00
ASTORIA_GT_7 24107	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.82 0.23 -20.35	22.85 0.60 -14.28	26.35 0.96 -12.30	33.71 2.23 -3.59	24.64 1.70 0.00	26.71 1.85 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.44 1.85 -0.19	25.88 1.81 -1.56	45.41 3.04 0.00	156.10 9.65 0.00	32.73 2.03 0.00	22.03 1.45 0.00	19.28 1.25 0.00
ASTORIA_GT_8 24108	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.82 0.23 -20.35	22.85 0.60 -14.28	26.35 0.96 -12.30	33.71 2.23 -3.59	24.64 1.70 0.00	26.71 1.85 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.44 1.85 -0.19	25.88 1.81 -1.56	45.41 3.04 0.00	156.10 9.65 0.00	32.73 2.03 0.00	22.03 1.45 0.00	19.28 1.25 0.00
ASTORIA___2 24149	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.60 1.66 0.00	26.67 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.39 1.81 -0.19	25.84 1.76 -1.56	45.32 2.96 0.00	155.82 9.37 0.00	32.68 1.97 0.00	21.99 1.42 0.00	19.25 1.22 0.00
ASTORIA___3 23516	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA___4 23517	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.65 2.17 -3.59	24.62 1.68 0.00	26.74 1.88 0.00	22.94 1.78 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	155.99 9.54 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
ASTORIA___5 23518	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
AST_ENERGY_2_CC3 323677	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.30 0.91 -12.30	33.58 2.10 -3.59	24.55 1.62 0.00	26.70 1.84 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.05 1.10 -7.92	23.38 1.79 -0.19	25.85 1.77 -1.56	45.32 2.95 0.00	155.67 9.22 0.00	32.66 1.96 0.00	21.96 1.39 0.00	19.20 1.17 0.00
AST_ENERGY_2_CC4 323678	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.30 0.91 -12.30	33.58 2.10 -3.59	24.55 1.62 0.00	26.70 1.84 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.05 1.10 -7.92	23.38 1.79 -0.19	25.85 1.77 -1.56	45.32 2.95 0.00	155.67 9.22 0.00	32.66 1.96 0.00	21.96 1.39 0.00	19.20 1.17 0.00
ATHENS_STG_1 23668	26.01 -0.14 -29.76	24.27 -0.07 -25.95	23.86 -0.02 -24.47	23.01 0.16 -18.50	24.05 0.02 -23.58	25.69 0.12 -22.34	23.97 0.33 -15.67	27.12 0.52 -13.50	32.97 1.14 -3.94	23.72 0.79 0.00	25.73 0.86 0.00	22.06 0.87 -0.35	21.09 0.17 -16.90	21.49 0.03 -20.67	22.53 -0.11 -25.08	20.29 0.00 -20.20	21.26 0.54 -8.69	22.53 0.92 -0.21	25.16 0.93 -1.72	44.00 1.63 0.00	151.76 5.31 0.00	31.82 1.12 0.00	21.36 0.78 0.00	18.72 0.69 0.00
ATHENS_STG_2 23670	26.01 -0.14 -29.76	24.27 -0.07 -25.95	23.86 -0.02 -24.47	23.01 0.16 -18.50	24.05 0.02 -23.58	25.69 0.12 -22.34	23.97 0.33 -15.67	27.12 0.52 -13.50	32.97 1.14 -3.94	23.72 0.79 0.00	25.73 0.86 0.00	22.06 0.87 -0.35	21.09 0.17 -16.90	21.49 0.03 -20.67	22.53 -0.11 -25.08	20.29 0.00 -20.20	21.26 0.54 -8.69	22.53 0.92 -0.21	25.16 0.93 -1.72	44.00 1.63 0.00	151.76 5.31 0.00	31.82 1.12 0.00	21.36 0.78 0.00	18.72 0.69 0.00

ATHENS_STG_3 23677	26.01 -0.14 -29.76	24.27 -0.07 -25.95	23.86 -0.02 -24.47	23.01 0.16 -18.50	24.05 0.02 -23.58	25.69 0.12 -22.34	23.97 0.33 -15.67	27.12 0.52 -13.50	32.97 1.14 -3.94	23.72 0.79 0.00	25.73 0.86 0.00	22.06 0.87 -0.35	21.09 0.17 -16.90	21.49 0.03 -20.67	22.53 -0.11 -25.08	20.29 0.00 -20.20	21.26 0.54 -8.69	22.53 0.92 -0.21	25.16 0.93 -1.72	44.00 1.63 0.00	151.76 5.31 0.00	31.82 1.12 0.00	21.36 0.78 0.00	18.72 0.69 0.00
AUBURN____LFGE 323710	0.34 -0.06 -4.00	1.86 -0.01 -3.49	2.70 0.00 -3.29	6.84 0.01 -2.49	3.63 0.00 -3.17	6.27 0.04 -3.01	10.26 0.17 -2.11	15.19 0.28 -1.82	28.88 0.46 -0.53	23.25 0.32 0.00	25.20 0.34 0.00	21.09 0.02 -0.05	6.33 0.00 -2.29	3.59 0.00 -2.81	0.92 -0.02 -3.38	2.80 -0.01 -2.72	13.35 0.15 -1.17	21.83 0.41 -0.03	23.00 0.27 -0.22	42.84 0.48 0.00	148.76 2.30 0.00	30.86 0.15 0.00	20.63 0.05 0.00	18.07 0.04 0.00
BABYLON_RES_REC 323704	24.59 -0.35 -28.55	26.03 -0.15 -27.81	27.22 -0.06 -27.86	21.59 0.38 -16.86	21.98 0.04 -21.49	25.02 0.27 -21.52	29.51 0.77 -20.76	26.61 1.22 -12.30	33.95 2.47 -3.59	24.89 1.95 0.00	27.03 2.17 0.00	23.07 1.91 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.08 1.32 -10.72	20.73 2.14 2.81	22.95 2.22 1.79	46.00 3.98 0.35	160.64 12.88 -1.31	33.75 2.45 -0.59	22.49 1.76 -0.15	19.55 1.52 0.00
BABYLON__69_KV_BK2 356345	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.98 0.04 -21.49	27.61 0.30 -24.08	43.87 0.85 -35.04	26.74 1.35 -12.30	34.24 2.76 -3.59	25.15 2.21 0.00	27.28 2.42 0.00	23.27 2.11 -0.32	19.83 0.42 -15.40	19.70 0.08 -18.84	20.15 -0.26 -22.85	36.90 0.00 -36.81	24.17 1.42 -10.72	21.33 2.38 2.45	23.62 2.49 1.38	47.92 4.51 -1.04	173.59 14.56 -12.58	35.44 2.83 -1.90	23.06 2.00 -0.49	19.77 1.74 0.00
BARON_WINDS____WT_PWR 323822	2.80 0.03 -6.38	3.97 0.02 -5.56	4.67 0.01 -5.24	8.21 -0.10 -3.97	5.50 -0.01 -5.05	7.97 -0.05 -4.79	11.17 -0.17 -3.36	15.72 -0.26 -2.89	28.32 -0.42 -0.85	22.69 -0.26 0.00	24.78 -0.09 0.00	20.77 -0.14 -0.08	7.57 -0.07 -3.63	5.21 -0.01 -4.44	2.97 0.02 -5.37	4.42 0.00 -4.33	13.72 -0.17 -1.86	21.15 -0.29 -0.05	22.59 -0.29 -0.36	42.05 -0.31 0.00	145.71 -0.74 0.00	30.21 -0.49 0.00	20.27 -0.31 0.00	17.84 -0.20 0.00
BARRETT_IC_1 23704	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_10 23701	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_11 23702	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_12 23703	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_2 23705	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_3 23706	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_4 23707	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_5 23708	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_6 23709	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_7 23710	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00

BARRETT_IC_8 23711	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT_IC_9 23700	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT___1 23545	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BARRETT___2 23546	24.62 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.84 0.26 -20.36	22.92 0.66 -14.28	26.40 1.01 -12.30	33.68 2.20 -3.59	24.79 1.85 0.00	26.98 2.12 0.00	23.15 1.99 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.85	20.18 -0.24 -22.86	36.91 0.00 -36.82	23.98 1.23 -10.72	-97.01 1.80 120.21	-108.42 1.79 132.73	8.30 3.19 37.25	11.64 9.87 144.68	32.75 2.05 0.00	22.12 1.55 0.00	19.40 1.36 0.00
BATAVIA___115KV_TB1 55881	0.69 0.02 -4.28	2.14 0.02 -3.73	2.95 0.02 -3.52	6.83 -0.18 -2.66	3.83 -0.02 -3.39	6.34 -0.10 -3.21	9.93 -0.30 -2.26	14.56 -0.47 -1.94	27.55 -0.91 -0.57	22.47 -0.46 0.00	24.30 -0.56 0.00	20.20 -0.69 -0.05	6.27 -0.18 -2.44	3.73 -0.03 -2.98	1.25 0.07 -3.61	3.01 0.02 -2.91	12.68 -0.61 -1.25	20.45 -0.97 -0.03	21.73 -1.03 -0.24	40.63 -1.73 0.00	141.79 -4.66 0.00	29.54 -1.17 0.00	19.77 -0.81 0.00	17.28 -0.75 0.00
BAYONEEC___CTG1 323682	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG10 323750	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG2 323683	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG3 323684	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG4 323685	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG5 323686	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG6 323687	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG7 323688	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG8 323689	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00
BAYONEEC___CTG9 323749	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.62 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.93 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.87 1.79 -1.56	45.36 2.99 0.00	155.84 9.39 0.00	32.69 1.98 0.00	21.98 1.40 0.00	19.20 1.17 0.00

BEACON___LESR 323632	28.85 -0.18 -32.64	26.76 -0.08 -28.46	26.22 -0.03 -26.84	24.85 0.21 -20.29	26.33 0.02 -25.86	27.87 0.15 -24.50	25.56 0.41 -17.18	28.54 0.65 -14.80	33.69 1.48 -4.32	23.85 0.91 0.00	25.83 0.97 0.00	22.20 0.98 -0.39	22.72 0.18 -18.53	23.49 0.03 -22.67	24.95 -0.11 -27.50	22.24 0.00 -22.15	22.18 0.62 -9.53	22.71 1.08 -0.23	25.54 1.14 -1.89	44.51 2.14 0.00	153.75 7.30 0.00	32.28 1.57 0.00	21.57 1.00 0.00	18.90 0.86 0.00
BEAVER RIVER___HYD 24048	-2.34 0.04 -1.22	-0.52 0.04 -1.07	0.43 0.01 -1.01	5.05 -0.06 -0.76	1.42 0.00 -0.97	4.12 -0.03 -0.92	8.58 -0.05 -0.64	13.48 -0.18 -0.57	27.71 -0.36 -0.18	23.01 0.07 0.00	24.81 -0.05 0.00	20.36 -0.49 -0.02	4.62 -0.17 -0.77	1.68 -0.03 -0.93	-0.86 0.12 -1.46	1.14 0.00 -1.05	11.84 -0.54 -0.36	20.63 -0.78 -0.01	22.10 -0.48 -0.07	42.17 -0.20 0.00	146.99 0.54 0.00	30.98 0.27 0.00	20.58 0.01 0.00	18.19 0.16 0.00
BEEBEE_GT_13 23619	-0.01 0.03 -3.57	1.52 0.02 -3.12	2.36 0.01 -2.94	6.44 -0.13 -2.22	3.27 -0.01 -2.83	5.85 -0.06 -2.68	9.68 -0.17 -1.88	14.43 -0.28 -1.62	27.84 -0.53 -0.47	22.66 -0.28 0.00	24.54 -0.33 0.00	20.47 -0.41 -0.04	5.94 -0.11 -2.04	3.25 -0.02 -2.49	0.61 0.04 -3.01	2.51 0.00 -2.42	12.75 -0.32 -1.04	20.87 -0.55 -0.03	22.13 -0.58 -0.20	41.28 -1.09 0.00	143.38 -3.07 0.00	29.86 -0.85 0.00	19.99 -0.58 0.00	17.47 -0.56 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.20 -0.30 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.32 -16.86	21.97 0.03 -21.48	23.84 0.25 -20.35	22.92 0.66 -14.28	26.47 1.08 -12.30	33.93 2.45 -3.59	24.87 1.93 0.00	27.00 2.14 0.00	23.16 2.00 -0.32	19.80 0.39 -15.39	19.69 0.07 -18.84	20.16 -0.25 -22.85	18.51 0.01 -18.41	21.20 1.25 -7.92	23.67 2.08 -0.19	26.13 2.06 -1.56	45.85 3.48 0.00	157.46 11.01 0.00	33.02 2.32 0.00	22.20 1.62 0.00	19.39 1.36 0.00
BETHLEHEM___GRP 23843	28.91 -0.15 -32.68	26.80 -0.07 -28.49	26.26 -0.02 -26.87	24.85 0.18 -20.31	26.36 0.02 -25.89	27.89 0.14 -24.52	25.52 0.34 -17.20	28.48 0.57 -14.81	33.37 1.15 -4.33	23.69 0.75 0.00	25.66 0.80 0.00	22.05 0.82 -0.39	22.73 0.17 -18.55	23.51 0.03 -22.69	24.99 -0.10 -27.53	22.27 0.00 -22.17	22.05 0.48 -9.54	22.51 0.88 -0.23	25.33 0.93 -1.89	44.05 1.69 0.00	152.30 5.85 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.77 0.74 0.00
BETHLEHEM___GS1 323560	28.91 -0.15 -32.68	26.80 -0.07 -28.49	26.26 -0.02 -26.87	24.85 0.18 -20.31	26.36 0.02 -25.89	27.89 0.14 -24.52	25.52 0.34 -17.20	28.48 0.57 -14.81	33.37 1.16 -4.33	23.69 0.75 0.00	25.67 0.80 0.00	22.05 0.82 -0.39	22.73 0.16 -18.55	23.51 0.03 -22.69	24.99 -0.10 -27.53	22.26 0.00 -22.17	22.05 0.49 -9.54	22.51 0.88 -0.23	25.33 0.94 -1.89	44.05 1.69 0.00	152.31 5.86 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.77 0.74 0.00
BETHLEHEM___GS2 323561	28.91 -0.15 -32.68	26.80 -0.07 -28.49	26.26 -0.02 -26.87	24.85 0.18 -20.31	26.36 0.02 -25.89	27.89 0.14 -24.52	25.52 0.34 -17.20	28.48 0.57 -14.81	33.37 1.16 -4.33	23.69 0.75 0.00	25.67 0.80 0.00	22.05 0.82 -0.39	22.73 0.16 -18.55	23.51 0.03 -22.69	24.99 -0.10 -27.53	22.26 0.00 -22.17	22.05 0.49 -9.54	22.51 0.88 -0.23	25.33 0.94 -1.89	44.05 1.69 0.00	152.31 5.86 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.77 0.74 0.00
BETHLEHEM___GS3 323562	28.91 -0.15 -32.68	26.80 -0.07 -28.49	26.26 -0.02 -26.87	24.85 0.18 -20.31	26.36 0.02 -25.89	27.89 0.14 -24.52	25.52 0.34 -17.20	28.48 0.57 -14.81	33.37 1.16 -4.33	23.69 0.75 0.00	25.67 0.80 0.00	22.05 0.82 -0.39	22.73 0.16 -18.55	23.51 0.03 -22.69	24.99 -0.10 -27.53	22.26 0.00 -22.17	22.05 0.49 -9.54	22.51 0.88 -0.23	25.33 0.94 -1.89	44.05 1.69 0.00	152.31 5.86 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.77 0.74 0.00
BETHLEHEM___STEEL 23779	1.11 0.03 -4.69	2.49 0.02 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.28 -2.47	14.76 -0.46 -2.13	27.72 -0.79 -0.63	22.59 -0.35 -0.01	24.54 -0.33 -0.01	20.47 -0.43 -0.06	6.55 -0.13 -2.67	4.02 -0.02 -3.26	1.55 0.04 -3.95	3.28 0.01 -3.18	13.01 -0.39 -1.37	20.72 -0.72 -0.04	21.95 -0.84 -0.27	40.80 -1.57 0.00	141.90 -4.55 0.00	29.50 -1.21 0.00	19.79 -0.78 0.00	17.32 -0.71 0.00
BETHLHEM_115KV_TB1 79974	28.81 -0.14 -32.55	26.70 -0.06 -28.38	26.16 -0.02 -26.77	24.75 0.16 -20.24	26.26 0.02 -25.79	27.79 0.12 -24.43	25.41 0.31 -17.12	28.35 0.51 -14.75	33.25 1.06 -4.31	23.64 0.70 0.00	25.61 0.75 0.00	21.97 0.75 -0.39	22.62 0.15 -18.46	23.39 0.03 -22.58	24.87 -0.09 -27.39	22.16 0.00 -22.07	21.97 0.45 -9.49	22.43 0.80 -0.23	25.24 0.85 -1.88	43.92 1.55 0.00	151.69 5.24 0.00	31.83 1.13 0.00	21.34 0.76 0.00	18.70 0.67 0.00
BETHPAGE_CC_5 323564	24.60 -0.34 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.85 0.27 -20.36	22.99 0.73 -14.28	26.55 1.15 -12.30	33.88 2.40 -3.59	24.87 1.93 0.00	27.02 2.16 0.00	23.10 1.94 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.04 1.28 -10.72	19.17 2.04 4.27	21.18 2.08 3.41	44.71 3.73 1.38	152.92 11.83 5.36	33.05 2.35 0.00	22.29 1.71 0.00	19.50 1.47 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	1.16 0.01 -4.76	2.55 0.02 -4.15	3.34 0.01 -3.91	7.17 -0.13 -2.96	4.21 -0.01 -3.77	6.74 -0.07 -3.57	10.26 -0.22 -2.51	14.89 -0.36 -2.16	27.97 -0.56 -0.64	22.78 -0.17 -0.01	24.74 -0.13 -0.01	20.65 -0.26 -0.07	6.62 -0.10 -2.71	4.08 -0.02 -3.31	1.59 0.02 -4.01	3.33 0.01 -3.23	13.12 -0.30 -1.39	20.88 -0.55 -0.04	22.11 -0.68 -0.28	41.11 -1.25 0.00	143.07 -3.38 0.00	29.73 -0.97 0.00	19.95 -0.62 0.00	17.45 -0.58 0.00
BINGHAMTON___COGEN 23790	5.10 -0.05 -8.75	6.00 -0.02 -7.63	6.61 0.00 -7.20	9.82 0.03 -5.44	7.40 0.00 -6.94	9.84 0.04 -6.57	12.68 0.09 -4.61	17.23 0.17 -3.97	29.51 0.46 -1.16	23.22 0.28 0.00	25.25 0.39 0.00	21.26 0.32 -0.10	9.04 0.04 -4.98	6.88 0.01 -6.09	4.91 -0.04 -7.38	6.04 0.00 -5.94	14.77 0.19 -2.56	21.74 0.29 -0.06	23.29 0.29 -0.49	43.04 0.68 0.00	148.81 2.36 0.00	30.98 0.28 0.00	20.75 0.17 0.00	18.24 0.20 0.00
BIXINCNT_115KV_LOAD 355685	1.33 -0.02 -4.96	2.70 0.00 -4.32	3.50 0.01 -4.08	7.37 -0.06 -3.08	4.38 0.00 -3.93	6.95 0.00 -3.72	10.53 -0.06 -2.61	15.27 -0.08 -2.25	28.74 0.18 -0.67	23.40 0.45 -0.01	25.43 0.56 -0.01	21.23 0.32 -0.07	6.83 -0.01 -2.82	4.23 0.00 -3.45	1.71 -0.03 -4.18	3.46 0.01 -3.37	13.43 -0.05 -1.45	21.33 -0.11 -0.04	22.61 -0.19 -0.29	42.14 -0.23 0.00	146.48 0.03 0.00	30.45 -0.25 0.00	20.46 -0.11 0.00	17.89 -0.15 0.00
BLACK RIVER___HYD 24047	-1.91 0.03 -1.67	-0.13 0.03 -1.45	0.80 0.01 -1.37	5.34 -0.05 -1.04	1.78 0.00 -1.32	4.46 -0.02 -1.25	8.84 -0.02 -0.88	13.69 -0.17 -0.77	27.68 -0.45 -0.23	23.02 0.09 0.00	24.79 -0.08 0.00	20.31 -0.55 -0.02	4.83 -0.18 -1.00	1.96 -0.03 -1.21	-0.61 0.13 -1.70	1.38 0.00 -1.29	11.92 -0.59 -0.49	20.57 -0.84 -0.01	22.11 -0.50 -0.10	42.26 -0.11 0.00	147.90 1.45 0.00	31.16 0.46 0.00	20.67 0.09 0.00	18.25 0.22 0.00

BLACKRVR_115KV_TB2 79977	-1.91 0.03 -1.67	-0.13 0.03 -1.45	0.80 0.01 -1.37	5.33 -0.05 -1.04	1.78 0.00 -1.32	4.46 -0.02 -1.25	8.84 -0.02 -0.88	13.69 -0.17 -0.77	27.67 -0.45 -0.23	23.02 0.09 0.00	24.78 -0.08 0.00	20.31 -0.55 -0.02	4.83 -0.18 -1.00	1.96 -0.03 -1.21	-0.61 0.13 -1.70	1.38 0.00 -1.29	11.92 -0.60 -0.49	20.56 -0.84 -0.01	22.12 -0.49 -0.10	42.26 -0.11 0.00	147.93 1.48 0.00	31.16 0.46 0.00	20.67 0.09 0.00	18.25 0.22 0.00
BLISS_WT_PWR 323608	1.34 -0.01 -4.96	2.71 0.00 -4.32	3.50 0.01 -4.08	7.36 -0.07 -3.08	4.38 0.00 -3.93	6.95 0.00 -3.72	10.54 -0.05 -2.61	15.27 -0.07 -2.25	28.72 0.16 -0.67	23.41 0.46 -0.01	25.45 0.58 -0.01	21.23 0.33 -0.07	6.83 0.00 -2.82	4.23 0.00 -3.45	1.71 -0.03 -4.18	3.47 0.01 -3.37	13.41 -0.06 -1.45	21.36 -0.08 -0.04	22.63 -0.17 -0.29	42.18 -0.18 0.00	146.57 0.11 0.00	30.47 -0.23 0.00	20.48 -0.10 0.00	17.89 -0.15 0.00
BLUE_CIRC_CHEM_DRP 24182	28.36 -0.15 -32.12	26.32 -0.07 -28.01	25.80 -0.02 -26.41	24.50 0.18 -19.97	25.92 0.02 -25.45	27.47 0.13 -24.11	25.21 0.34 -16.90	28.19 0.54 -14.55	33.22 1.08 -4.25	23.64 0.70 0.00	25.60 0.74 0.00	21.96 0.74 -0.38	22.39 0.15 -18.22	23.10 0.03 -22.29	24.52 -0.08 -27.04	21.88 0.00 -21.78	21.83 0.43 -9.37	22.43 0.81 -0.23	25.26 0.89 -1.86	44.02 1.66 0.00	152.27 5.82 0.00	31.94 1.24 0.00	21.41 0.84 0.00	18.77 0.74 0.00
BOC_GAS_DRP 24189	28.82 -0.13 -32.55	26.71 -0.06 -28.38	26.16 -0.02 -26.77	24.74 0.15 -20.24	26.26 0.02 -25.79	27.78 0.11 -24.43	25.38 0.28 -17.12	28.31 0.47 -14.75	33.17 0.97 -4.31	23.58 0.64 0.00	25.56 0.70 0.00	21.93 0.71 -0.39	22.62 0.14 -18.46	23.39 0.03 -22.58	24.87 -0.08 -27.39	22.16 0.00 -22.07	21.95 0.43 -9.49	22.38 0.76 -0.23	25.18 0.79 -1.88	43.79 1.42 0.00	151.22 4.77 0.00	31.72 1.01 0.00	21.27 0.70 0.00	18.65 0.61 0.00
BOONVILLE_115KV_TB1 79983	-2.54 -0.02 -1.09	-0.67 0.00 -0.95	0.31 0.00 -0.90	5.05 0.02 -0.68	1.33 0.01 -0.87	4.08 0.03 -0.82	8.64 0.09 -0.58	13.70 0.10 -0.50	28.37 0.33 -0.15	23.32 0.38 0.00	25.21 0.35 0.00	20.93 0.08 -0.01	4.64 -0.03 -0.65	1.57 0.00 -0.79	-1.33 0.02 -1.08	0.92 0.00 -0.83	12.25 -0.09 -0.32	21.34 -0.06 -0.01	22.71 0.13 -0.06	43.07 0.71 0.00	149.25 2.80 0.00	31.37 0.67 0.00	20.91 0.33 0.00	18.38 0.34 0.00
BORALEX_4TH_BRANCH 23824	28.90 -0.20 -32.70	26.81 -0.09 -28.52	26.27 -0.03 -26.89	24.91 0.24 -20.32	26.38 0.02 -25.90	27.93 0.16 -24.54	25.58 0.39 -17.22	28.58 0.65 -14.83	33.40 1.18 -4.33	23.56 0.62 0.00	25.50 0.64 0.00	21.89 0.66 -0.39	22.73 0.14 -18.58	23.54 0.03 -22.73	25.06 -0.07 -27.57	22.31 0.00 -22.21	21.91 0.33 -9.56	22.32 0.69 -0.23	25.21 0.81 -1.89	44.05 1.68 0.00	152.99 6.53 0.00	32.15 1.45 0.00	21.51 0.93 0.00	18.87 0.84 0.00
BOWLINE___1 23526	22.58 -0.24 -26.43	21.31 -0.11 -23.04	21.10 -0.04 -21.73	21.04 0.26 -16.43	21.42 0.03 -20.94	23.27 0.21 -19.84	22.43 0.54 -13.91	25.96 0.88 -11.99	33.36 1.97 -3.50	24.42 1.48 0.00	26.52 1.66 0.00	22.73 1.59 -0.31	19.33 0.31 -15.01	19.20 0.06 -18.36	19.63 -0.20 -22.27	18.03 0.00 -17.94	20.76 1.02 -7.72	23.26 1.68 -0.19	25.71 1.67 -1.53	45.23 2.86 0.00	155.56 9.11 0.00	32.55 1.85 0.00	21.85 1.27 0.00	19.10 1.07 0.00
BOWLINE___2 23595	22.58 -0.24 -26.43	21.32 -0.11 -23.05	21.11 -0.04 -21.73	21.04 0.26 -16.43	21.42 0.03 -20.94	23.27 0.21 -19.84	22.43 0.54 -13.92	25.96 0.88 -11.99	33.36 1.97 -3.50	24.42 1.48 0.00	26.52 1.66 0.00	22.73 1.59 -0.31	19.33 0.31 -15.01	19.20 0.06 -18.36	19.64 -0.20 -22.27	18.04 0.00 -17.94	20.76 1.02 -7.72	23.26 1.68 -0.19	25.71 1.67 -1.53	45.23 2.86 0.00	155.56 9.11 0.00	32.56 1.85 0.00	21.85 1.27 0.00	19.10 1.07 0.00
BRADY___115KV_TB2 356060	-3.57 0.04 0.00	-1.61 0.01 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.21 -0.03 0.00	7.90 -0.07 0.00	12.95 -0.14 0.00	27.55 -0.34 0.00	22.91 -0.03 0.00	24.76 -0.11 0.00	20.48 -0.36 0.00	3.95 -0.06 0.00	0.77 -0.01 0.00	-1.74 0.06 -0.64	0.42 0.00 -0.34	11.71 -0.32 0.00	20.88 -0.51 0.00	22.02 -0.49 0.00	41.69 -0.67 0.00	144.51 -1.94 0.00	30.58 -0.12 0.00	20.46 -0.11 0.00	17.98 -0.06 0.00
BRANSCOMB___SOLAR 323811	29.91 -0.16 -33.68	27.68 -0.07 -29.37	27.07 -0.02 -27.68	25.38 0.17 -20.86	27.05 0.02 -26.58	28.55 0.14 -25.18	26.02 0.36 -17.68	28.92 0.60 -15.23	33.47 1.13 -4.45	23.57 0.63 0.00	25.54 0.68 0.00	21.91 0.67 -0.40	23.30 0.14 -19.14	24.23 0.03 -23.42	25.90 -0.08 -28.41	22.98 0.00 -22.89	22.31 0.44 -9.85	22.50 0.86 -0.24	25.47 1.02 -1.95	44.31 1.95 0.00	153.46 7.01 0.00	32.19 1.49 0.00	21.51 0.94 0.00	18.83 0.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.57 -0.37 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	27.64 0.29 -24.13	44.09 0.80 -35.32	26.68 1.28 -12.30	34.11 2.63 -3.59	25.07 2.13 0.00	27.19 2.33 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.16 -0.25 -22.85	36.90 0.00 -36.81	24.12 1.37 -10.72	23.87 2.28 -0.19	26.45 2.37 -1.57	48.51 4.27 -1.88	176.03 13.62 -15.97	35.25 2.62 -1.93	22.95 1.88 -0.49	19.69 1.66 0.00
BRISTLHL_115KV_TB1 79998	-1.00 0.09 -2.53	0.63 0.04 -2.20	1.51 0.02 -2.08	5.79 -0.13 -1.57	2.45 -0.01 -2.00	5.05 -0.08 -1.89	9.11 -0.20 -1.33	13.91 -0.33 -1.15	27.60 -0.63 -0.34	22.43 -0.51 0.00	24.31 -0.55 0.00	20.34 -0.52 -0.03	5.34 -0.11 -1.44	2.52 -0.02 -1.76	-0.24 0.06 -2.13	1.81 0.00 -1.72	12.43 -0.33 -0.74	20.90 -0.51 -0.02	22.19 -0.47 -0.15	41.56 -0.81 0.00	143.85 -2.60 0.00	30.08 -0.62 0.00	20.12 -0.45 0.00	17.62 -0.41 0.00
BROOKHAVEN___DRP 24191	24.56 -0.38 -28.55	26.03 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	42.12 0.30 -38.59	124.83 0.85 -116.00	26.74 1.34 -12.30	34.12 2.64 -3.60	25.03 2.09 0.00	27.13 2.27 0.00	23.13 1.97 -0.32	19.80 0.39 -15.40	19.70 0.07 -18.84	20.18 -0.24 -22.85	36.90 0.00 -36.81	24.10 1.35 -10.72	23.87 2.28 -0.19	26.50 2.42 -1.57	55.80 4.34 -9.10	237.80 14.15 -77.19	42.68 2.64 -9.33	24.88 1.91 -2.39	19.72 1.68 -0.01
BROOKLYN_NAVY_YARD 23515	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.32 0.93 -12.30	33.61 2.13 -3.59	24.57 1.63 0.00	26.70 1.83 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.21 -22.85	18.50 0.00 -18.41	21.05 1.10 -7.92	23.39 1.80 -0.19	25.85 1.77 -1.56	45.31 2.95 0.00	155.75 9.30 0.00	32.67 1.96 0.00	21.96 1.38 0.00	19.19 1.16 0.00
BROOKLYN___ARMY_DRP 323595	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.40 1.01 -12.30	33.78 2.30 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.05 1.89 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.13 1.18 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.60 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.31 1.27 0.00

BROOKVLE_69_KV_TB1 55790	24.62 -0.32 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.56 0.35 -16.86	21.98 0.04 -21.49	23.85 0.26 -20.36	22.95 0.69 -14.28	26.50 1.11 -12.30	33.82 2.34 -3.59	24.85 1.91 0.00	27.04 2.18 0.00	23.14 1.98 -0.32	19.81 0.40 -15.40	19.70 0.07 -18.84	20.17 -0.25 -22.85	36.91 0.01 -36.81	24.03 1.27 -10.72	18.16 2.01 5.24	20.03 2.03 4.50	44.27 3.59 1.68	151.29 11.37 6.53	33.08 2.37 0.00	22.24 1.66 0.00	19.45 1.42 0.00
BROOME_2_LFGE 323671	5.10 -0.05 -8.75	6.00 -0.02 -7.63	6.61 0.00 -7.20	9.82 0.03 -5.44	7.40 0.00 -6.94	9.84 0.04 -6.57	12.68 0.09 -4.61	17.23 0.16 -3.97	29.50 0.45 -1.16	23.22 0.28 0.00	25.25 0.39 0.00	21.26 0.32 -0.10	9.03 0.04 -4.98	6.88 0.01 -6.09	4.91 -0.04 -7.38	6.04 0.00 -5.94	14.77 0.19 -2.56	21.74 0.29 -0.06	23.29 0.28 -0.49	43.04 0.67 0.00	148.80 2.35 0.00	30.99 0.28 0.00	20.75 0.17 0.00	18.24 0.20 0.00
BROOME__LFGE 323600	5.10 -0.05 -8.75	6.00 -0.02 -7.63	6.61 0.00 -7.20	9.82 0.03 -5.44	7.40 0.00 -6.94	9.84 0.04 -6.57	12.68 0.09 -4.61	17.23 0.16 -3.97	29.50 0.45 -1.16	23.22 0.28 0.00	25.25 0.39 0.00	21.26 0.32 -0.10	9.03 0.04 -4.98	6.88 0.01 -6.09	4.91 -0.04 -7.38	6.04 0.00 -5.94	14.77 0.19 -2.56	21.74 0.29 -0.06	23.29 0.28 -0.49	43.04 0.67 0.00	148.80 2.35 0.00	30.99 0.28 0.00	20.75 0.17 0.00	18.24 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	-2.67 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.36 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 -0.01	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.62 -0.25	20.45 -0.95 -0.01	21.79 -0.78 -0.05	41.44 -0.93 0.00	144.32 -2.13 0.00	30.55 -0.15 0.00	20.36 -0.22 0.00	17.99 -0.05 0.00
BROWNSV1_27_KV_LOAD 356125	23.21 -0.30 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.31 -16.86	21.97 0.04 -21.48	23.83 0.25 -20.35	22.90 0.65 -14.28	26.45 1.06 -12.30	33.91 2.43 -3.59	24.82 1.89 0.00	26.99 2.13 0.00	23.15 1.99 -0.32	19.80 0.39 -15.39	19.69 0.07 -18.84	20.17 -0.24 -22.85	18.50 0.01 -18.41	21.18 1.24 -7.92	23.65 2.06 -0.19	26.12 2.04 -1.56	45.84 3.48 0.00	157.54 11.09 0.00	33.03 2.32 0.00	22.18 1.61 0.00	19.38 1.35 0.00
BURROWS__LYONSDAL 23803	-2.49 0.00 -1.12	-0.63 0.01 -0.97	0.34 0.00 -0.92	5.04 0.00 -0.70	1.35 0.00 -0.89	4.08 0.01 -0.84	8.61 0.05 -0.59	13.63 0.02 -0.52	28.19 0.14 -0.16	23.22 0.29 0.00	25.10 0.24 0.00	20.78 -0.07 -0.01	4.62 -0.07 -0.67	1.59 -0.01 -0.82	-1.23 0.05 -1.16	0.96 0.00 -0.87	12.14 -0.21 -0.33	21.15 -0.25 -0.01	22.55 -0.02 -0.06	42.86 0.50 0.00	148.70 2.25 0.00	31.26 0.56 0.00	20.82 0.24 0.00	18.32 0.29 0.00
CAITHNESS_CC_1 323624	24.57 -0.37 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	42.01 0.29 -38.49	124.29 0.83 -115.49	26.70 1.30 -12.30	34.10 2.61 -3.60	24.98 2.04 0.00	27.08 2.22 0.00	23.09 1.93 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.36 -10.72	23.79 2.20 -0.19	26.41 2.33 -1.57	55.58 4.16 -9.05	236.86 13.61 -76.81	42.52 2.53 -9.28	24.79 1.84 -2.38	19.66 1.61 -0.01
CALPINE BETH_PAGE_GT4 24209	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.85 0.26 -20.36	22.98 0.72 -14.28	26.52 1.13 -12.30	33.82 2.34 -3.59	24.83 1.89 0.00	26.99 2.13 0.00	23.08 1.92 -0.32	19.80 0.39 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	23.97 1.22 -10.72	17.55 1.96 5.80	19.39 2.00 5.12	44.10 3.59 1.85	150.58 11.33 7.20	32.97 2.26 0.00	22.26 1.69 0.00	19.48 1.45 0.00
CALPINE_BETH_PAGE_GT_4 323586	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.85 0.26 -20.36	22.98 0.72 -14.28	26.52 1.13 -12.30	33.84 2.37 -3.59	24.83 1.89 0.00	26.99 2.12 0.00	23.08 1.92 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.00 1.24 -10.72	17.55 1.96 5.80	19.39 2.00 5.12	44.10 3.59 1.85	150.63 11.39 7.20	32.96 2.26 0.00	22.26 1.69 0.00	19.48 1.45 0.00
CALPINE_BP_GT1 23823	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.85 0.26 -20.36	22.98 0.72 -14.28	26.52 1.13 -12.30	33.84 2.37 -3.59	24.83 1.89 0.00	26.99 2.12 0.00	23.08 1.92 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.00 1.24 -10.72	17.55 1.96 5.80	19.39 2.00 5.12	44.10 3.59 1.85	150.63 11.39 7.20	32.96 2.26 0.00	22.26 1.69 0.00	19.48 1.45 0.00
CALSPAN__DRP 24200	1.11 0.03 -4.69	2.49 0.02 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.28 -2.47	14.76 -0.46 -2.13	27.72 -0.79 -0.63	22.59 -0.35 -0.01	24.54 -0.33 -0.01	20.47 -0.43 -0.06	6.55 -0.13 -2.67	4.02 -0.02 -3.26	1.55 0.04 -3.95	3.28 0.01 -3.18	13.01 -0.39 -1.37	20.72 -0.72 -0.04	21.95 -0.84 -0.27	40.80 -1.57 0.00	141.90 -4.55 0.00	29.50 -1.21 0.00	19.79 -0.78 0.00	17.32 -0.71 0.00
CALVERTON__SOLAR 323806	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.17 0.31 -38.63	125.08 0.89 -116.22	26.80 1.40 -12.30	34.28 2.79 -3.60	25.09 2.15 0.00	27.20 2.33 0.00	23.18 2.02 -0.32	19.82 0.40 -15.40	19.69 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.96 2.37 -0.19	26.61 2.53 -1.57	56.00 4.52 -9.12	238.82 15.00 -77.36	42.82 2.77 -9.35	24.96 1.99 -2.39	19.77 1.73 -0.01
CANDIGU_WT_PWR 323617	2.80 0.03 -6.38	3.97 0.02 -5.56	4.67 0.01 -5.24	8.21 -0.10 -3.97	5.50 -0.01 -5.05	7.97 -0.05 -4.79	11.17 -0.17 -3.36	15.72 -0.26 -2.89	28.32 -0.42 -0.85	22.69 -0.26 0.00	24.78 -0.09 0.00	20.77 -0.14 -0.08	7.57 -0.07 -3.63	5.21 -0.01 -4.44	2.97 0.02 -5.37	4.42 0.00 -4.33	13.72 -0.17 -1.86	21.15 -0.29 -0.05	22.59 -0.29 -0.36	42.05 -0.31 0.00	145.71 -0.74 0.00	30.21 -0.49 0.00	20.27 -0.31 0.00	17.84 -0.20 0.00
CARR STREET_E_SYR 24060	-0.61 0.04 -2.96	0.98 0.02 -2.58	1.86 0.01 -2.43	6.11 -0.08 -1.84	2.79 -0.01 -2.34	5.41 -0.04 -2.22	9.44 -0.09 -1.56	14.29 -0.14 -1.35	28.03 -0.25 -0.39	22.73 -0.20 0.00	24.65 -0.21 0.00	20.65 -0.22 -0.04	5.64 -0.06 -1.68	2.83 -0.01 -2.06	0.08 0.03 -2.49	2.10 0.00 -2.01	12.73 -0.16 -0.86	21.15 -0.26 -0.02	22.38 -0.29 -0.16	41.89 -0.48 0.00	144.91 -1.54 0.00	30.29 -0.41 0.00	20.28 -0.30 0.00	17.76 -0.28 0.00
CARTHAGE__PAPER 23857	-2.09 0.02 -1.50	-0.28 0.03 -1.31	0.65 0.01 -1.23	5.25 -0.03 -0.93	1.64 0.00 -1.19	4.34 -0.01 -1.13	8.77 0.00 -0.79	13.65 -0.13 -0.69	27.79 -0.31 -0.21	23.08 0.14 0.00	24.85 -0.02 0.00	20.35 -0.50 -0.02	4.75 -0.17 -0.91	1.86 -0.03 -1.11	-0.71 0.12 -1.61	1.29 0.00 -1.20	11.90 -0.57 -0.44	20.60 -0.80 -0.01	22.15 -0.44 -0.09	42.37 0.00 0.00	147.96 1.50 0.00	31.20 0.49 0.00	20.71 0.13 0.00	18.29 0.25 0.00

CASSADAGA_WT_PWR 323784	1.27 0.02 -4.87	2.65 0.02 -4.24	3.43 0.01 -4.00	7.23 -0.14 -3.03	4.31 0.00 -3.85	6.85 -0.03 -3.65	10.42 -0.12 -2.56	15.11 -0.19 -2.21	28.45 -0.09 -0.65	23.27 0.32 -0.01	25.34 0.47 -0.01	21.11 0.20 -0.07	6.78 -0.01 -2.77	4.17 0.01 -3.39	1.63 -0.03 -4.10	3.41 0.02 -3.30	13.38 -0.07 -1.42	21.37 -0.07 -0.04	22.66 -0.14 -0.28	42.27 -0.09 0.00	146.96 0.51 0.00	30.55 -0.15 0.00	20.39 -0.19 0.00	17.83 -0.20 0.00
CE_DUNWOOD___DRP 24194	23.21 -0.25 -27.07	21.87 -0.11 -23.60	21.63 -0.04 -22.26	21.44 0.27 -16.83	21.93 0.03 -21.45	23.76 0.21 -20.32	22.78 0.55 -14.25	26.27 0.90 -12.28	33.50 2.03 -3.59	24.48 1.54 0.00	26.60 1.73 0.00	22.80 1.64 -0.32	19.71 0.32 -15.37	19.65 0.06 -18.81	20.17 -0.20 -22.81	18.47 0.01 -18.37	20.97 1.04 -7.91	23.32 1.73 -0.19	25.80 1.72 -1.56	45.31 2.94 0.00	155.79 9.34 0.00	32.63 1.93 0.00	21.91 1.34 0.00	19.17 1.13 0.00
CE_MILLWOOD___DRP 24193	23.14 -0.24 -26.99	21.80 -0.11 -23.53	21.57 -0.04 -22.19	21.39 0.26 -16.78	21.86 0.03 -21.38	23.69 0.21 -20.26	22.73 0.54 -14.21	26.22 0.89 -12.24	33.44 1.98 -3.57	24.44 1.50 0.00	26.55 1.68 0.00	22.75 1.60 -0.32	19.65 0.32 -15.32	19.59 0.06 -18.75	20.10 -0.20 -22.74	18.41 0.01 -18.32	20.92 1.02 -7.88	23.28 1.69 -0.19	25.75 1.68 -1.56	45.25 2.89 0.00	155.57 9.12 0.00	32.59 1.88 0.00	21.88 1.30 0.00	19.14 1.11 0.00
CE_NYC2_DRP 24202	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.68 2.20 -3.59	24.64 1.70 0.00	26.77 1.91 0.00	22.97 1.81 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.46 1.87 -0.19	25.92 1.84 -1.56	45.47 3.11 0.00	156.13 9.68 0.00	32.74 2.04 0.00	22.01 1.43 0.00	19.24 1.21 0.00
CE_NYC_DRP 24195	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.65 2.17 -3.59	24.62 1.68 0.00	26.77 1.90 0.00	22.96 1.80 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.13 -7.92	23.45 1.86 -0.19	25.91 1.83 -1.56	45.44 3.07 0.00	156.07 9.62 0.00	32.73 2.02 0.00	21.99 1.42 0.00	19.23 1.20 0.00
CHAFFEE___LFGE 323603	1.24 0.02 -4.83	2.61 0.02 -4.21	3.39 0.01 -3.97	7.20 -0.14 -3.00	4.26 -0.01 -3.82	6.78 -0.08 -3.62	10.28 -0.24 -2.54	14.89 -0.39 -2.19	27.89 -0.65 -0.65	22.72 -0.22 -0.01	24.68 -0.19 -0.01	20.59 -0.31 -0.07	6.65 -0.10 -2.75	4.12 -0.02 -3.36	1.66 0.03 -4.07	3.38 0.02 -3.27	13.08 -0.36 -1.41	20.83 -0.61 -0.04	22.05 -0.74 -0.28	41.03 -1.34 0.00	142.65 -3.80 0.00	29.66 -1.04 0.00	19.90 -0.67 0.00	17.41 -0.62 0.00
CHATEAUG_35_KV_LOAD 355732	-3.56 0.05 0.00	-1.60 0.03 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.96 -0.02 0.00	12.98 -0.12 0.00	27.31 -0.58 0.00	22.38 -0.56 0.00	24.37 -0.49 0.00	20.12 -0.72 0.00	3.88 -0.14 0.00	0.76 -0.02 0.00	-8.81 0.15 6.53	-3.35 -0.02 3.42	11.40 -0.63 0.00	20.51 -0.88 0.00	21.88 -0.64 0.00	41.82 -0.54 0.00	146.22 -0.23 0.00	30.63 -0.08 0.00	20.48 -0.09 0.00	17.95 -0.08 0.00
CHATEAUG_WT_PWR 323614	-3.56 0.04 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.23 0.00 0.00	7.96 -0.01 0.00	12.98 -0.11 0.00	27.30 -0.59 0.00	22.34 -0.60 0.00	24.35 -0.52 0.00	20.11 -0.73 0.00	3.88 -0.14 0.00	0.76 -0.03 0.00	-8.37 0.15 6.09	-3.12 -0.02 3.19	11.40 -0.63 0.00	20.49 -0.90 0.00	21.87 -0.65 0.00	41.82 -0.54 0.00	146.34 -0.11 0.00	30.63 -0.08 0.00	20.47 -0.10 0.00	17.95 -0.08 0.00
CHAT_HIGH_FALL_HYD 323578	-3.56 0.04 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.96 -0.02 0.00	12.98 -0.12 0.00	27.32 -0.57 0.00	22.38 -0.56 0.00	24.37 -0.49 0.00	20.12 -0.72 0.00	3.88 -0.14 0.00	0.76 -0.02 0.00	-8.81 0.15 6.53	-3.35 -0.02 3.42	11.41 -0.62 0.00	20.51 -0.88 0.00	21.88 -0.64 0.00	41.82 -0.54 0.00	146.24 -0.21 0.00	30.63 -0.08 0.00	20.48 -0.09 0.00	17.95 -0.08 0.00
CHAUTAUQUA___LFGE 323629	1.19 0.02 -4.78	2.57 0.02 -4.17	3.36 0.01 -3.93	7.17 -0.15 -2.97	4.23 -0.01 -3.79	6.75 -0.07 -3.59	10.29 -0.21 -2.52	14.91 -0.35 -2.17	27.98 -0.56 -0.64	22.83 -0.11 -0.01	24.82 -0.05 -0.01	20.68 -0.22 -0.07	6.65 -0.08 -2.72	4.10 -0.01 -3.33	1.60 0.01 -4.03	3.35 0.02 -3.24	13.14 -0.29 -1.40	20.98 -0.46 -0.04	22.22 -0.58 -0.28	41.37 -1.00 0.00	143.92 -2.53 0.00	29.93 -0.78 0.00	20.02 -0.56 0.00	17.51 -0.52 0.00
CHERRYST_13_KV_LD 356241	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.29 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.85 0.60 -14.28	26.37 0.98 -12.30	33.75 2.27 -3.59	24.70 1.77 0.00	26.87 2.00 0.00	23.04 1.88 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.12 1.17 -7.92	23.52 1.93 -0.19	25.98 1.91 -1.56	45.57 3.20 0.00	156.46 10.01 0.00	32.81 2.11 0.00	22.04 1.47 0.00	19.27 1.24 0.00
CHESTROR_138KV_BK263 355645	21.37 -0.22 -25.20	20.25 -0.10 -21.97	20.10 -0.03 -20.72	20.25 0.24 -15.67	20.44 0.02 -19.96	22.33 0.19 -18.91	21.74 0.49 -13.27	25.33 0.81 -11.43	33.01 1.78 -3.34	24.26 1.32 0.00	26.33 1.47 0.00	22.53 1.39 -0.30	18.60 0.27 -14.31	18.34 0.05 -17.50	18.62 -0.17 -21.23	17.20 0.01 -17.10	20.28 0.89 -7.36	23.08 1.51 -0.18	25.48 1.52 -1.45	44.99 2.63 0.00	154.82 8.37 0.00	32.38 1.67 0.00	21.73 1.15 0.00	19.01 0.98 0.00
CH_MIDHUDSON___DRP 24192	23.57 -0.23 -27.42	22.18 -0.10 -23.90	21.92 -0.04 -22.54	21.64 0.25 -17.04	22.20 0.03 -21.72	24.01 0.20 -20.58	22.94 0.53 -14.43	26.39 0.86 -12.43	33.41 1.89 -3.63	24.33 1.39 0.00	26.41 1.54 0.00	22.64 1.48 -0.32	19.87 0.29 -15.57	19.88 0.06 -19.04	20.48 -0.18 -23.10	18.70 0.01 -18.61	20.97 0.93 -8.01	23.19 1.60 -0.20	25.71 1.62 -1.58	45.17 2.80 0.00	155.52 9.07 0.00	32.55 1.85 0.00	21.86 1.28 0.00	19.13 1.09 0.00
CH_MISC_IPPS 23765	23.13 -0.26 -27.00	21.80 -0.12 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.97 -12.24	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.96 1.05 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.19 0.00	156.77 10.32 0.00	32.80 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
CH_RES_BVR_FALLS 23983	-3.49 0.11 0.00	-1.57 0.05 0.00	-0.57 0.02 0.00	4.24 -0.11 0.00	0.44 -0.01 0.00	3.13 -0.10 0.00	7.75 -0.23 0.00	12.71 -0.38 0.00	27.05 -0.84 0.00	22.47 -0.47 0.00	24.40 -0.46 0.00	20.32 -0.52 0.00	3.90 -0.12 0.00	0.76 -0.02 0.00	-2.36 0.08 0.00	0.08 0.00 0.00	11.68 -0.35 0.00	20.83 -0.57 0.00	22.01 -0.50 0.00	41.60 -0.77 0.00	144.11 -2.34 0.00	30.23 -0.48 0.00	20.20 -0.38 0.00	17.78 -0.25 0.00

CH_RES_NIAGARA 23895	0.91 0.15 -4.36	2.27 0.09 -3.80	3.02 0.04 -3.58	6.75 -0.31 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.02 -1.05 -1.98	26.30 -2.17 -0.58	21.51 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.48 -0.05	6.19 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.06 0.02 -2.95	12.37 -0.93 -1.27	19.74 -1.69 -0.03	20.83 -1.93 -0.25	38.75 -3.62 0.00	134.71 -11.74 0.00	28.00 -2.70 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
CH_RES_SYRACUSE 23985	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 0.00 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.03 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.06 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.78 -0.67 0.00	30.49 -0.22 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
CLINTON_WT_PWR 323605	-3.56 0.04 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.23 0.00 0.00	7.96 -0.01 0.00	12.98 -0.11 0.00	27.30 -0.59 0.00	22.34 -0.60 0.00	24.35 -0.52 0.00	20.11 -0.73 0.00	3.88 -0.14 0.00	0.76 -0.03 0.00	-8.37 0.15 6.09	-3.12 -0.02 3.19	11.40 -0.63 0.00	20.49 -0.90 0.00	21.87 -0.65 0.00	41.82 -0.54 0.00	146.34 -0.11 0.00	30.63 -0.08 0.00	20.47 -0.10 0.00	17.95 -0.08 0.00
CLINTON___LFGE 323618	-3.60 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.05 0.07 0.00	13.13 0.03 0.00	27.59 -0.30 0.00	22.59 -0.35 0.00	24.59 -0.27 0.00	20.32 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.51 0.13 6.20	-3.18 -0.02 3.25	11.49 -0.54 0.00	20.66 -0.74 0.00	22.10 -0.41 0.00	42.32 -0.04 0.00	148.09 1.64 0.00	31.00 0.29 0.00	20.69 0.12 0.00	18.13 0.10 0.00
COBBLENY_34_KV_TB1 80064	1.24 0.02 -4.83	2.61 0.02 -4.21	3.39 0.01 -3.97	7.20 -0.14 -3.00	4.26 -0.01 -3.82	6.78 -0.07 -3.62	10.28 -0.24 -2.54	14.90 -0.39 -2.19	27.91 -0.63 -0.65	22.72 -0.22 -0.01	24.68 -0.18 -0.01	20.60 -0.31 -0.07	6.65 -0.11 -2.75	4.12 -0.02 -3.36	1.66 0.03 -4.07	3.37 0.01 -3.27	13.11 -0.33 -1.41	20.83 -0.61 -0.04	22.07 -0.72 -0.28	41.02 -1.35 0.00	142.77 -3.68 0.00	29.67 -1.04 0.00	19.91 -0.67 0.00	17.41 -0.62 0.00
COFFEEN_115KV_TB3 355620	-1.90 0.01 -1.70	-0.11 0.03 -1.48	0.82 0.01 -1.40	5.38 -0.03 -1.06	1.80 0.00 -1.35	4.51 0.00 -1.27	8.91 0.04 -0.89	13.78 -0.09 -0.78	27.79 -0.33 -0.24	23.14 0.20 0.00	24.89 0.03 0.00	20.36 -0.50 -0.02	4.86 -0.17 -1.02	1.98 -0.03 -1.24	-0.60 0.12 -1.72	1.39 0.00 -1.30	11.94 -0.59 -0.50	20.58 -0.83 -0.01	22.16 -0.45 -0.10	42.44 0.07 0.00	148.83 2.38 0.00	31.39 0.68 0.00	20.81 0.24 0.00	18.36 0.32 0.00
COLDSPRG_115KV_BK1 355956	1.32 -0.07 -5.01	2.72 -0.03 -4.37	3.53 0.00 -4.12	7.45 -0.01 -3.12	4.43 0.01 -3.97	7.04 0.05 -3.76	10.70 0.09 -2.64	15.55 0.19 -2.28	29.36 0.80 -0.67	23.91 0.97 -0.01	26.00 1.13 -0.01	21.73 0.82 -0.07	6.96 0.09 -2.85	4.29 0.02 -3.49	1.69 -0.10 -4.22	3.50 0.02 -3.40	13.74 0.25 -1.47	21.84 0.41 -0.05	23.14 0.33 -0.29	43.18 0.81 0.00	150.05 3.60 0.00	31.17 0.46 0.00	20.89 0.32 0.00	18.26 0.23 0.00
COLONIE_LFGE___ 323577	29.43 -0.16 -33.19	27.26 -0.07 -28.95	26.68 -0.02 -27.30	25.16 0.18 -20.63	26.76 0.02 -26.28	28.27 0.14 -24.90	25.80 0.35 -17.48	28.73 0.58 -15.05	33.40 1.12 -4.40	23.60 0.66 0.00	25.56 0.70 0.00	21.96 0.72 -0.39	23.02 0.15 -18.86	23.89 0.03 -23.07	25.47 -0.08 -27.99	22.64 0.00 -22.55	22.16 0.43 -9.70	22.44 0.80 -0.24	25.32 0.88 -1.92	44.02 1.65 0.00	152.43 5.98 0.00	31.99 1.29 0.00	21.42 0.84 0.00	18.77 0.74 0.00
COOPERNY_115KV_TB1 80082	14.54 -0.14 -18.29	14.26 -0.06 -15.94	14.43 -0.02 -15.04	15.86 0.15 -11.37	14.96 0.02 -14.49	17.08 0.12 -13.73	17.93 0.32 -9.63	21.91 0.52 -8.30	31.47 1.16 -2.42	23.80 0.86 0.00	25.81 0.95 0.00	21.95 0.89 -0.22	14.57 0.17 -10.38	13.52 0.03 -12.70	12.86 -0.11 -15.41	12.50 0.00 -12.41	17.94 0.57 -5.34	22.49 0.96 -0.13	24.54 0.97 -1.05	44.08 1.71 0.00	152.00 5.55 0.00	31.78 1.08 0.00	21.31 0.74 0.00	18.67 0.63 0.00
COPENHAGEN_WT_PWR 323753	-1.80 0.06 -1.75	-0.04 0.05 -1.53	0.87 0.02 -1.44	5.36 -0.08 -1.09	1.84 0.00 -1.39	4.50 -0.05 -1.31	8.82 -0.08 -0.92	13.61 -0.29 -0.80	27.48 -0.66 -0.24	22.87 -0.07 0.00	24.64 -0.22 0.00	20.21 -0.65 -0.02	4.86 -0.20 -1.04	2.01 -0.04 -1.27	-0.55 0.14 -1.75	1.42 0.00 -1.33	11.91 -0.63 -0.51	20.50 -0.90 -0.01	22.02 -0.59 -0.10	42.01 -0.35 0.00	146.99 0.54 0.00	30.93 0.23 0.00	20.50 -0.07 0.00	18.14 0.10 0.00
CORNELL_____ 23752	2.63 -0.07 -6.31	3.85 -0.03 -5.50	4.59 -0.01 -5.19	8.32 0.05 -3.92	5.46 0.01 -5.00	8.03 0.07 -4.74	11.48 0.18 -3.32	16.27 0.31 -2.86	29.45 0.72 -0.84	23.47 0.53 0.00	25.39 0.53 0.00	21.25 0.34 -0.07	7.64 0.04 -3.59	5.18 0.01 -4.40	2.86 -0.03 -5.32	4.38 0.00 -4.28	14.00 0.13 -1.84	21.76 0.32 -0.05	23.26 0.39 -0.35	43.40 1.04 0.00	150.23 3.79 0.00	31.39 0.69 0.00	20.98 0.40 0.00	18.38 0.35 0.00
CORONA_AV_69_KV_TB1 355595	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.86 0.27 -20.36	22.96 0.71 -14.28	26.50 1.11 -12.30	33.86 2.38 -3.59	24.88 1.94 0.00	27.07 2.21 0.00	23.17 2.01 -0.32	19.82 0.40 -15.40	19.70 0.07 -18.84	20.16 -0.25 -22.85	36.91 0.01 -36.81	24.03 1.28 -10.72	24.72 2.04 -1.29	27.64 2.06 -3.06	46.51 3.73 -0.41	159.74 11.68 -1.61	33.10 2.40 0.00	22.28 1.70 0.00	19.50 1.47 0.00
CORTLAND_115KV_TB3 80093	1.58 -0.05 -5.24	2.93 -0.02 -4.57	3.72 0.00 -4.31	7.63 0.03 -3.26	4.61 0.00 -4.15	7.20 0.04 -3.93	10.85 0.11 -2.76	15.66 0.19 -2.38	29.05 0.47 -0.69	23.26 0.32 0.00	25.20 0.34 0.00	21.12 0.22 -0.06	7.01 0.02 -2.98	4.43 0.01 -3.64	1.96 -0.02 -4.42	3.65 0.00 -3.55	13.65 0.09 -1.53	21.61 0.18 -0.04	23.03 0.23 -0.29	43.02 0.65 0.00	148.83 2.38 0.00	31.08 0.38 0.00	20.79 0.21 0.00	18.23 0.19 0.00
COXSACKIE___GT 23611	26.99 -0.27 -30.86	25.17 -0.11 -26.91	24.75 -0.04 -25.38	23.85 0.31 -19.19	24.93 0.03 -24.45	26.62 0.23 -23.16	24.83 0.61 -16.24	28.08 1.00 -13.99	33.85 1.88 -4.09	24.05 1.11 0.00	25.89 1.03 0.00	22.14 0.94 -0.36	21.70 0.17 -17.51	22.24 0.03 -21.43	23.45 -0.10 -25.99	21.03 0.00 -20.93	21.60 0.56 -9.01	22.81 1.20 -0.22	25.78 1.49 -1.78	45.61 3.25 0.00	157.99 11.54 0.00	33.31 2.61 0.00	22.22 1.64 0.00	19.43 1.40 0.00
CPV_VALLEY___CC1 323721	21.61 -0.22 -25.43	20.46 -0.10 -22.18	20.29 -0.04 -20.91	20.40 0.24 -15.81	20.63 0.03 -20.15	22.51 0.19 -19.09	21.86 0.50 -13.39	25.44 0.82 -11.54	33.07 1.81 -3.37	24.28 1.35 0.00	26.37 1.51 0.00	22.58 1.44 -0.30	18.74 0.28 -14.44	18.50 0.05 -17.67	18.81 -0.18 -21.43	17.36 0.00 -17.26	20.37 0.92 -7.43	23.11 1.53 -0.18	25.52 1.54 -1.47	44.97 2.61 0.00	154.63 8.18 0.00	32.29 1.58 0.00	21.67 1.10 0.00	18.96 0.92 0.00

CPV_VALLEY___CC2 323722	21.61 -0.22 -25.43	20.46 -0.10 -22.18	20.29 -0.04 -20.91	20.40 0.24 -15.81	20.63 0.03 -20.15	22.51 0.19 -19.09	21.86 0.50 -13.39	25.44 0.82 -11.54	33.07 1.81 -3.37	24.28 1.35 0.00	26.37 1.51 0.00	22.58 1.44 -0.30	18.74 0.28 -14.44	18.50 0.05 -17.67	18.81 -0.18 -21.43	17.36 0.00 -17.26	20.37 0.92 -7.43	23.11 1.53 -0.18	25.52 1.54 -1.47	44.97 2.61 0.00	154.63 8.18 0.00	32.29 1.58 0.00	21.67 1.10 0.00	18.96 0.92 0.00
CRESCENT___HYD 24018	29.43 -0.16 -33.19	27.26 -0.07 -28.95	26.68 -0.02 -27.30	25.16 0.18 -20.63	26.76 0.02 -26.28	28.27 0.14 -24.90	25.80 0.35 -17.48	28.73 0.58 -15.05	33.40 1.12 -4.40	23.60 0.66 0.00	25.56 0.70 0.00	21.96 0.72 -0.39	23.02 0.15 -18.86	23.89 0.03 -23.07	25.47 -0.08 -27.99	22.64 0.00 -22.55	22.16 0.43 -9.70	22.44 0.80 -0.24	25.32 0.88 -1.92	44.02 1.65 0.00	152.43 5.98 0.00	31.99 1.29 0.00	21.42 0.84 0.00	18.77 0.74 0.00
CRICKET___VALLEY_CC1 323756	24.55 -0.19 -28.35	23.01 -0.08 -24.72	22.69 -0.03 -23.31	22.17 0.20 -17.62	22.93 0.02 -22.46	24.67 0.16 -21.28	23.34 0.44 -14.92	26.67 0.72 -12.86	33.17 1.53 -3.75	23.99 1.05 0.00	26.03 1.17 0.00	22.36 1.18 -0.34	20.35 0.24 -16.09	20.52 0.05 -19.69	21.30 -0.15 -23.89	19.33 0.00 -19.24	21.06 0.76 -8.28	22.88 1.29 -0.20	25.44 1.29 -1.64	44.56 2.19 0.00	153.55 7.10 0.00	32.14 1.43 0.00	21.61 1.03 0.00	18.95 0.92 0.00
CRICKET___VALLEY_CC2 323757	24.55 -0.19 -28.35	23.01 -0.08 -24.72	22.69 -0.03 -23.31	22.17 0.20 -17.62	22.93 0.02 -22.46	24.67 0.16 -21.28	23.34 0.44 -14.92	26.67 0.72 -12.86	33.17 1.53 -3.75	23.99 1.05 0.00	26.03 1.17 0.00	22.36 1.18 -0.34	20.35 0.24 -16.09	20.52 0.05 -19.69	21.30 -0.15 -23.89	19.33 0.00 -19.24	21.06 0.76 -8.28	22.88 1.29 -0.20	25.44 1.29 -1.64	44.56 2.19 0.00	153.55 7.10 0.00	32.14 1.43 0.00	21.61 1.03 0.00	18.95 0.92 0.00
CRICKET___VALLEY_CC3 323758	24.55 -0.19 -28.35	23.01 -0.08 -24.72	22.69 -0.03 -23.31	22.17 0.20 -17.62	22.93 0.02 -22.46	24.67 0.16 -21.28	23.34 0.44 -14.92	26.67 0.72 -12.86	33.17 1.53 -3.75	23.99 1.05 0.00	26.03 1.17 0.00	22.36 1.18 -0.34	20.35 0.24 -16.09	20.52 0.05 -19.69	21.30 -0.15 -23.89	19.33 0.00 -19.24	21.06 0.76 -8.28	22.88 1.29 -0.20	25.44 1.29 -1.64	44.56 2.19 0.00	153.55 7.10 0.00	32.14 1.43 0.00	21.61 1.03 0.00	18.95 0.92 0.00
CRUCIBLE_METL_DRP 24180	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 -0.01 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.02 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.05 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.80 -0.65 0.00	30.48 -0.23 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
DAHOWA___HYDRO 323763	30.00 -0.16 -33.76	27.75 -0.07 -29.44	27.15 -0.02 -27.76	25.45 0.17 -20.93	27.14 0.02 -26.67	28.64 0.14 -25.27	26.09 0.37 -17.75	29.00 0.62 -15.29	33.52 1.17 -4.46	23.56 0.62 0.00	25.53 0.67 0.00	21.90 0.66 -0.40	23.35 0.14 -19.20	24.29 0.02 -23.49	25.98 -0.07 -28.49	23.03 -0.01 -22.95	22.34 0.44 -9.87	22.52 0.88 -0.24	25.50 1.04 -1.95	44.36 1.99 0.00	153.68 7.23 0.00	32.23 1.53 0.00	21.53 0.95 0.00	18.84 0.81 0.00
DANC___LFGE 323619	-1.49 0.07 -2.05	0.21 0.05 -1.78	1.11 0.02 -1.68	5.52 -0.10 -1.27	2.07 -0.01 -1.62	4.71 -0.06 -1.54	8.93 -0.12 -1.08	13.74 -0.29 -0.94	27.51 -0.66 -0.28	22.69 -0.25 0.00	24.49 -0.37 0.00	20.25 -0.61 -0.03	5.04 -0.17 -1.19	2.20 -0.03 -1.45	-0.41 0.11 -1.91	1.57 0.00 -1.49	12.10 -0.53 -0.60	20.63 -0.78 -0.01	22.04 -0.59 -0.12	41.76 -0.61 0.00	145.59 -0.86 0.00	30.58 -0.12 0.00	20.36 -0.22 0.00	17.93 -0.10 0.00
DANSKAMMER___1 23586	23.13 -0.26 -27.00	21.80 -0.12 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.97 -12.24	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.96 1.05 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.19 0.00	156.77 10.32 0.00	32.80 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
DANSKAMMER___2 23589	23.13 -0.26 -27.00	21.80 -0.12 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.97 -12.24	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.96 1.05 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.19 0.00	156.77 10.32 0.00	32.80 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
DANSKAMMER___3 23590	23.13 -0.26 -27.00	21.80 -0.12 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.97 -12.24	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.96 1.05 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.19 0.00	156.77 10.32 0.00	32.80 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
DANSKAMMER___4 23591	23.13 -0.26 -27.00	21.80 -0.12 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.97 -12.24	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.96 1.05 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.19 0.00	156.77 10.32 0.00	32.80 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
DANSKAMMER___DIESEL 23592	23.13 -0.26 -27.00	21.80 -0.11 -23.54	21.57 -0.04 -22.20	21.41 0.28 -16.78	21.87 0.03 -21.39	23.72 0.22 -20.26	22.78 0.59 -14.21	26.30 0.96 -12.24	33.58 2.11 -3.58	24.51 1.57 0.00	26.60 1.73 0.00	22.79 1.63 -0.32	19.66 0.32 -15.33	19.60 0.06 -18.75	20.11 -0.20 -22.75	18.42 0.01 -18.32	20.95 1.04 -7.88	23.37 1.78 -0.19	25.89 1.82 -1.56	45.55 3.18 0.00	156.76 10.31 0.00	32.79 2.09 0.00	22.00 1.43 0.00	19.24 1.21 0.00
DARBY___SOLAR 323810	29.92 -0.16 -33.68	27.69 -0.07 -29.37	27.08 -0.02 -27.69	25.38 0.17 -20.86	27.06 0.02 -26.58	28.55 0.14 -25.19	26.02 0.36 -17.68	28.93 0.60 -15.23	33.48 1.14 -4.45	23.60 0.66 0.00	25.57 0.71 0.00	21.94 0.70 -0.40	23.31 0.15 -19.15	24.24 0.03 -23.43	25.90 -0.08 -28.42	22.98 0.00 -22.89	22.33 0.45 -9.85	22.54 0.90 -0.24	25.49 1.03 -1.95	44.31 1.95 0.00	153.43 6.98 0.00	32.18 1.47 0.00	21.51 0.93 0.00	18.82 0.79 0.00
DASHVILLE___HYD 23610	23.29 -0.23 -27.13	21.93 -0.11 -23.65	21.68 -0.04 -22.30	21.47 0.26 -16.86	21.97 0.03 -21.49	23.79 0.20 -20.36	22.78 0.52 -14.28	26.27 0.88 -12.30	33.55 2.07 -3.59	24.52 1.57 0.00	26.64 1.78 0.00	22.86 1.70 -0.32	19.74 0.33 -15.40	19.69 0.06 -18.84	20.21 -0.21 -22.85	18.51 0.02 -18.41	21.02 1.07 -7.92	23.35 1.76 -0.19	25.82 1.74 -1.57	45.37 3.01 0.00	155.69 9.24 0.00	32.59 1.88 0.00	21.89 1.31 0.00	19.14 1.11 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	24.45 -0.49 -28.55	25.99 -0.20 -27.81	27.20 -0.07 -27.86	21.74 0.53 -16.86	21.99 0.05 -21.49	42.31 0.39 -38.69	125.64 1.10 -116.56	27.17 1.77 -12.30	34.88 3.39 -3.60	25.61 2.67 0.00	27.76 2.89 0.00	23.61 2.46 -0.32	19.89 0.48 -15.40	19.71 0.09 -18.84	20.12 -0.30 -22.85	36.89 -0.01 -36.81	24.46 1.71 -10.72	24.59 3.01 -0.19	27.27 3.19 -1.57	57.15 5.64 -9.15	243.14 19.06 -77.63	43.55 3.46 -9.38	25.40 2.43 -2.40	20.16 2.12 -0.01
DELAWARE___LFGE 323621	7.07 -0.12 -10.79	7.74 -0.05 -9.41	8.27 -0.02 -8.88	11.18 0.12 -6.71	9.02 0.02 -8.55	11.44 0.10 -8.11	13.93 0.27 -5.69	18.43 0.44 -4.90	30.31 1.00 -1.43	23.69 0.75 0.00	25.68 0.82 0.00	21.68 0.72 -0.13	10.28 0.13 -6.14	8.31 0.02 -7.51	6.58 -0.08 -9.10	7.42 0.00 -7.33	15.60 0.42 -3.15	22.20 0.73 -0.08	23.91 0.78 -0.62	43.83 1.46 0.00	151.37 4.92 0.00	31.66 0.95 0.00	21.22 0.64 0.00	18.59 0.55 0.00
DERFIELD_115KV_TB7 355931	-3.61 0.00 0.00	-1.62 0.00 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.46 0.00 0.00	3.23 0.00 0.00	7.99 0.02 0.00	13.12 0.03 0.00	27.92 0.03 0.00	22.93 -0.01 0.00	24.85 -0.01 0.00	20.84 0.00 0.00	4.01 0.00 0.00	0.78 0.00 0.00	-2.44 0.00 0.00	0.09 0.00 0.00	12.03 0.00 0.00	21.42 0.02 0.00	22.56 0.04 0.00	42.45 0.09 0.00	146.77 0.32 0.00	30.77 0.06 0.00	20.61 0.04 0.00	18.07 0.04 0.00
DOGLEVILLE___HYD 23807	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.37 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.07 0.00	13.20 0.11 0.00	27.95 0.06 0.00	22.57 -0.37 0.00	24.43 -0.43 0.00	20.61 -0.23 0.00	3.98 -0.03 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.88 -0.15 0.00	21.23 -0.16 0.00	22.46 -0.05 0.00	42.78 0.42 0.00	147.92 1.47 0.00	31.16 0.46 0.00	20.80 0.22 0.00	18.21 0.18 0.00
DUNKIRK___115KV_TB_200 55889	1.18 0.02 -4.77	2.56 0.02 -4.16	3.35 0.01 -3.92	7.16 -0.15 -2.97	4.22 -0.01 -3.78	6.74 -0.07 -3.58	10.26 -0.22 -2.51	14.89 -0.37 -2.17	27.94 -0.59 -0.64	22.79 -0.16 -0.01	24.76 -0.11 -0.01	20.65 -0.26 -0.07	6.63 -0.09 -2.71	4.09 -0.02 -3.32	1.60 0.02 -4.02	3.34 0.01 -3.24	13.13 -0.29 -1.40	20.92 -0.52 -0.04	22.18 -0.62 -0.28	41.23 -1.14 0.00	143.61 -2.84 0.00	29.84 -0.87 0.00	19.98 -0.60 0.00	17.47 -0.56 0.00
DUNKIRK___1 23563	1.18 0.02 -4.77	2.56 0.02 -4.16	3.35 0.01 -3.92	7.16 -0.15 -2.97	4.22 -0.01 -3.78	6.74 -0.07 -3.58	10.26 -0.22 -2.51	14.89 -0.37 -2.17	27.94 -0.59 -0.64	22.79 -0.16 -0.01	24.76 -0.11 -0.01	20.65 -0.26 -0.07	6.63 -0.09 -2.71	4.09 -0.02 -3.32	1.60 0.02 -4.02	3.34 0.01 -3.24	13.13 -0.29 -1.40	20.92 -0.52 -0.04	22.18 -0.62 -0.28	41.23 -1.14 0.00	143.61 -2.84 0.00	29.84 -0.87 0.00	19.98 -0.60 0.00	17.47 -0.56 0.00
DUNKIRK___2 23564	1.18 0.02 -4.77	2.56 0.02 -4.16	3.35 0.01 -3.92	7.16 -0.15 -2.97	4.22 -0.01 -3.78	6.74 -0.07 -3.58	10.26 -0.22 -2.51	14.89 -0.37 -2.17	27.94 -0.59 -0.64	22.79 -0.16 -0.01	24.76 -0.11 -0.01	20.65 -0.26 -0.07	6.63 -0.09 -2.71	4.09 -0.02 -3.32	1.60 0.02 -4.02	3.34 0.01 -3.24	13.13 -0.29 -1.40	20.92 -0.52 -0.04	22.18 -0.62 -0.28	41.23 -1.14 0.00	143.61 -2.84 0.00	29.84 -0.87 0.00	19.98 -0.60 0.00	17.47 -0.56 0.00
DUNKIRK___3 23565	1.13 0.02 -4.72	2.51 0.02 -4.11	3.31 0.01 -3.88	7.13 -0.15 -2.93	4.18 -0.01 -3.74	6.70 -0.07 -3.54	10.23 -0.23 -2.48	14.86 -0.37 -2.14	27.93 -0.60 -0.63	22.77 -0.18 -0.01	24.74 -0.14 -0.01	20.63 -0.28 -0.07	6.60 -0.10 -2.69	4.05 -0.02 -3.28	1.56 0.02 -3.97	3.30 0.01 -3.20	13.11 -0.30 -1.38	20.89 -0.55 -0.04	22.14 -0.65 -0.28	41.17 -1.20 0.00	143.30 -3.15 0.00	29.77 -0.93 0.00	19.95 -0.62 0.00	17.45 -0.58 0.00
DUNKIRK___4 23566	1.13 0.02 -4.72	2.51 0.02 -4.11	3.31 0.01 -3.88	7.13 -0.15 -2.93	4.18 -0.01 -3.74	6.70 -0.07 -3.54	10.23 -0.23 -2.48	14.86 -0.37 -2.14	27.93 -0.60 -0.63	22.77 -0.18 -0.01	24.74 -0.14 -0.01	20.63 -0.28 -0.07	6.60 -0.10 -2.69	4.05 -0.02 -3.28	1.56 0.02 -3.97	3.30 0.01 -3.20	13.11 -0.30 -1.38	20.89 -0.55 -0.04	22.14 -0.65 -0.28	41.17 -1.20 0.00	143.30 -3.15 0.00	29.77 -0.93 0.00	19.95 -0.62 0.00	17.45 -0.58 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.25 -0.25 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.31 0.92 -12.30	33.55 2.08 -3.59	24.52 1.58 0.00	26.64 1.78 0.00	22.84 1.68 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.01 1.06 -7.92	23.36 1.77 -0.19	25.84 1.76 -1.56	45.36 3.00 0.00	155.95 9.50 0.00	32.67 1.97 0.00	21.95 1.38 0.00	19.20 1.17 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.48 -0.24 -26.33	21.23 -0.11 -22.95	21.02 -0.04 -21.65	20.98 0.26 -16.37	21.34 0.03 -20.86	23.20 0.21 -19.76	22.39 0.55 -13.86	25.93 0.90 -11.94	33.36 1.98 -3.49	24.42 1.48 0.00	26.51 1.65 0.00	22.70 1.55 -0.31	19.27 0.30 -14.95	19.13 0.06 -18.29	19.55 -0.19 -22.18	17.97 0.01 -17.87	20.71 0.99 -7.69	23.26 1.67 -0.19	25.73 1.70 -1.52	45.33 2.97 0.00	155.93 9.48 0.00	32.61 1.91 0.00	21.88 1.30 0.00	19.13 1.10 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.58 -14.28	26.33 0.94 -12.30	33.64 2.16 -3.59	24.59 1.66 0.00	26.69 1.83 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.04 1.10 -7.92	23.39 1.81 -0.19	25.86 1.78 -1.56	45.40 3.03 0.00	155.99 9.54 0.00	32.71 2.01 0.00	21.98 1.41 0.00	19.23 1.20 0.00
E179THST_13_KV_LOAD 356214	23.23 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.86 0.61 -14.28	26.39 1.00 -12.30	33.76 2.28 -3.59	24.69 1.76 0.00	26.80 1.94 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.49 1.90 -0.19	25.96 1.88 -1.56	45.58 3.22 0.00	156.68 10.23 0.00	32.84 2.14 0.00	22.07 1.50 0.00	19.30 1.27 0.00
EAST HAMPTON___GT 23717	24.40 -0.54 -28.55	25.96 -0.23 -27.81	27.19 -0.08 -27.86	21.79 0.58 -16.86	22.00 0.06 -21.49	42.35 0.43 -38.69	125.76 1.21 -116.57	27.34 1.94 -12.30	35.26 3.78 -3.60	25.85 2.91 0.00	28.00 3.14 0.00	23.80 2.64 -0.32	19.94 0.52 -15.40	19.72 0.10 -18.84	20.10 -0.32 -22.85	36.88 -0.02 -36.81	24.67 1.91 -10.72	24.88 3.29 -0.19	27.56 3.49 -1.57	57.62 6.10 -9.15	245.11 21.02 -77.63	43.86 3.78 -9.38	25.61 2.63 -2.40	20.33 2.29 -0.01
EAST RIVER___6 23660	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.65 2.17 -3.59	24.60 1.66 0.00	26.75 1.89 0.00	22.96 1.80 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.09 1.15 -7.92	23.47 1.88 -0.19	25.93 1.85 -1.56	45.43 3.06 0.00	156.16 9.71 0.00	32.70 1.99 0.00	21.96 1.39 0.00	19.20 1.17 0.00

EAST RIVER___7 23524	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.65 2.17 -3.59	24.60 1.66 0.00	26.75 1.89 0.00	22.96 1.80 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.09 1.15 -7.92	23.47 1.88 -0.19	25.93 1.85 -1.56	45.43 3.06 0.00	156.16 9.71 0.00	32.70 1.99 0.00	21.96 1.39 0.00	19.20 1.17 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.21 -0.25 -27.07	21.87 -0.11 -23.60	21.63 -0.04 -22.26	21.44 0.27 -16.83	21.93 0.03 -21.45	23.76 0.21 -20.32	22.78 0.55 -14.25	26.27 0.90 -12.28	33.50 2.03 -3.59	24.48 1.54 0.00	26.60 1.73 0.00	22.80 1.64 -0.32	19.71 0.32 -15.37	19.65 0.06 -18.81	20.17 -0.20 -22.81	18.47 0.01 -18.37	20.97 1.04 -7.91	23.32 1.73 -0.19	25.80 1.72 -1.56	45.31 2.94 0.00	155.79 9.34 0.00	32.63 1.93 0.00	21.91 1.34 0.00	19.17 1.13 0.00
EAST_HAMPTON___DIESEL 23722	24.40 -0.54 -28.55	25.96 -0.23 -27.81	27.19 -0.08 -27.86	21.79 0.58 -16.86	22.00 0.06 -21.49	42.35 0.43 -38.69	125.76 1.21 -116.57	27.34 1.95 -12.30	35.27 3.79 -3.60	25.85 2.91 0.00	28.00 3.14 0.00	23.80 2.64 -0.32	19.94 0.52 -15.40	19.72 0.10 -18.84	20.10 -0.32 -22.85	36.88 -0.02 -36.81	24.67 1.91 -10.72	24.88 3.29 -0.19	27.57 3.49 -1.57	57.62 6.11 -9.15	245.18 21.10 -77.63	43.87 3.78 -9.38	25.61 2.63 -2.40	20.33 2.29 -0.01
EAST_PULASKI___ESR 323781	-1.21 0.08 -2.32	0.44 0.05 -2.02	1.34 0.02 -1.90	5.66 -0.12 -1.44	2.28 -0.01 -1.84	4.90 -0.08 -1.74	9.02 -0.17 -1.22	13.83 -0.32 -1.05	27.52 -0.68 -0.31	22.50 -0.44 0.00	24.34 -0.52 0.00	20.28 -0.59 -0.03	5.20 -0.14 -1.33	2.38 -0.03 -1.62	-0.40 0.08 -1.95	1.66 0.00 -1.57	12.27 -0.43 -0.68	20.75 -0.66 -0.02	22.08 -0.57 -0.14	41.57 -0.79 0.00	144.32 -2.14 0.00	30.26 -0.45 0.00	20.22 -0.36 0.00	17.74 -0.29 0.00
EAST_RIVER___1 323558	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.77 1.90 0.00	22.96 1.80 -0.32	19.76 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.13 -7.92	23.44 1.86 -0.19	25.91 1.83 -1.56	45.44 3.07 0.00	156.09 9.64 0.00	32.73 2.02 0.00	21.99 1.42 0.00	19.22 1.19 0.00
EAST_RIVER___2 323559	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.65 2.17 -3.59	24.60 1.66 0.00	26.75 1.89 0.00	22.96 1.80 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.09 1.15 -7.92	23.47 1.88 -0.19	25.93 1.85 -1.56	45.43 3.06 0.00	156.16 9.71 0.00	32.70 1.99 0.00	21.96 1.39 0.00	19.20 1.17 0.00
EAST___DELAWARE_HYD 23607	19.29 -0.23 -23.14	18.42 -0.13 -20.17	18.39 -0.05 -19.02	19.07 0.34 -14.38	18.82 0.04 -18.33	20.87 0.27 -17.37	20.81 0.65 -12.18	24.64 1.05 -10.49	33.35 2.39 -3.06	24.77 1.83 0.00	26.91 2.05 0.00	22.99 1.88 -0.27	17.50 0.36 -13.14	16.92 0.07 -16.07	16.83 -0.23 -19.49	15.81 0.02 -15.70	19.92 1.13 -6.76	23.50 1.94 -0.17	25.90 2.05 -1.34	46.14 3.78 0.00	158.26 11.81 0.00	33.22 2.52 0.00	22.25 1.68 0.00	19.37 1.34 0.00
EIGHT_POINT___WT_PWR 323820	1.77 -0.07 -5.44	3.11 -0.02 -4.75	3.88 -0.01 -4.48	7.75 0.02 -3.38	4.78 0.01 -4.31	7.42 0.10 -4.09	11.04 0.19 -2.87	15.90 0.33 -2.47	29.59 0.98 -0.72	23.96 1.02 0.00	25.94 1.07 0.00	21.67 0.77 -0.06	7.15 0.04 -3.10	4.58 0.01 -3.79	2.14 -0.01 -4.59	3.80 0.01 -3.70	13.70 0.08 -1.59	21.78 0.34 -0.04	23.37 0.54 -0.31	44.12 1.76 0.00	152.89 6.44 0.00	31.69 0.98 0.00	21.34 0.77 0.00	18.78 0.75 0.00
ELBRIDGE_115KV_TB2 80188	-0.03 0.00 -3.57	1.50 0.01 -3.12	2.35 0.00 -2.94	6.53 -0.04 -2.22	3.28 0.00 -2.83	5.90 -0.01 -2.68	9.85 0.00 -1.88	14.71 0.00 -1.62	28.39 0.03 -0.47	22.93 0.00 0.00	24.87 0.01 0.00	20.83 -0.05 -0.04	6.04 -0.02 -2.05	3.29 0.00 -2.51	0.58 0.01 -3.01	2.51 0.00 -2.43	13.04 -0.03 -1.04	21.44 0.02 -0.02	22.47 -0.23 -0.19	41.99 -0.37 0.00	145.41 -1.05 0.00	30.35 -0.36 0.00	20.30 -0.27 0.00	17.78 -0.25 0.00
ELEC_TRO_TEK 24086	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.55 0.34 -16.86	21.98 0.04 -21.49	23.84 0.25 -20.36	22.94 0.69 -14.28	26.47 1.08 -12.30	33.72 2.24 -3.59	24.76 1.82 0.00	26.93 2.07 0.00	23.04 1.88 -0.32	19.79 0.38 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.90 0.00 -36.81	23.98 1.23 -10.72	21.45 1.98 1.93	23.71 2.00 0.80	45.25 3.54 0.66	155.12 11.22 2.55	32.93 2.22 0.00	22.16 1.58 0.00	19.41 1.37 0.00
ELLENBURG_WT_PWR 323604	-3.56 0.04 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.23 0.00 0.00	7.96 -0.01 0.00	12.98 -0.11 0.00	27.30 -0.59 0.00	22.34 -0.60 0.00	24.35 -0.52 0.00	20.11 -0.73 0.00	3.88 -0.14 0.00	0.76 -0.03 0.00	-8.37 0.15 6.09	-3.12 -0.02 3.19	11.40 -0.63 0.00	20.49 -0.90 0.00	21.87 -0.65 0.00	41.82 -0.54 0.00	146.34 -0.11 0.00	30.63 -0.08 0.00	20.47 -0.10 0.00	17.95 -0.08 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	1.03 0.05 -4.59	2.42 0.03 -4.00	3.20 0.02 -3.77	7.01 -0.19 -2.86	4.07 -0.02 -3.64	6.57 -0.11 -3.45	10.06 -0.33 -2.42	14.63 -0.56 -2.09	27.48 -1.03 -0.63	22.41 -0.54 -0.01	24.33 -0.54 -0.01	20.30 -0.60 -0.07	6.47 -0.16 -2.61	3.95 -0.03 -3.20	1.48 0.05 -3.87	3.21 0.01 -3.11	12.90 -0.48 -1.34	20.56 -0.88 -0.05	21.77 -1.02 -0.28	40.42 -1.95 0.00	140.68 -5.77 0.00	29.22 -1.48 0.00	19.61 -0.96 0.00	17.17 -0.87 0.00
EMPIRE_CC_1 323656	27.95 -0.11 -31.67	25.94 -0.05 -27.61	25.43 -0.02 -26.04	24.18 0.15 -19.69	25.56 0.01 -25.09	27.10 0.10 -23.77	24.90 0.25 -16.68	27.88 0.42 -14.36	32.88 0.80 -4.19	23.40 0.46 0.00	25.32 0.46 0.00	21.79 0.58 -0.37	22.12 0.12 -17.98	22.81 0.02 -22.00	24.19 -0.07 -26.69	21.59 0.00 -21.50	21.59 0.32 -9.25	22.19 0.57 -0.23	24.96 0.61 -1.83	43.46 1.09 0.00	150.31 3.86 0.00	31.58 0.87 0.00	21.16 0.59 0.00	18.59 0.56 0.00
EMPIRE_CC_2 323658	27.95 -0.11 -31.67	25.94 -0.05 -27.61	25.43 -0.02 -26.04	24.18 0.15 -19.69	25.56 0.01 -25.09	27.10 0.10 -23.77	24.90 0.25 -16.68	27.88 0.42 -14.36	32.88 0.80 -4.19	23.40 0.46 0.00	25.32 0.46 0.00	21.79 0.58 -0.37	22.12 0.12 -17.98	22.81 0.02 -22.00	24.19 -0.07 -26.69	21.59 0.00 -21.50	21.59 0.32 -9.25	22.19 0.57 -0.23	24.96 0.61 -1.83	43.46 1.09 0.00	150.31 3.86 0.00	31.58 0.87 0.00	21.16 0.59 0.00	18.59 0.56 0.00
ENORWICH_115KV_TB1 80156	4.45 -0.20 -8.25	5.48 -0.10 -7.19	6.17 -0.03 -6.79	9.69 0.21 -5.13	7.02 0.03 -6.54	9.63 0.21 -6.20	12.87 0.55 -4.35	17.76 0.92 -3.75	30.94 1.96 -1.09	24.43 1.49 0.00	26.24 1.37 0.00	21.83 0.89 -0.10	8.84 0.13 -4.69	6.55 0.02 -5.74	4.44 -0.08 -6.96	5.70 0.01 -5.60	14.84 0.40 -2.41	22.42 0.96 -0.06	24.34 1.36 -0.47	45.67 3.30 0.00	158.06 11.61 0.00	33.09 2.38 0.00	22.04 1.47 0.00	19.30 1.27 0.00

ERIE_ST__34_KV_TB1-2 80199	1.12 0.00 -4.73	2.52 0.01 -4.12	3.31 0.01 -3.89	7.17 -0.12 -2.94	4.19 -0.01 -3.75	6.72 -0.06 -3.55	10.27 -0.20 -2.49	14.92 -0.32 -2.15	28.11 -0.42 -0.64	22.90 -0.05 -0.01	24.88 0.01 -0.01	20.76 -0.14 -0.07	6.63 -0.08 -2.69	4.06 -0.01 -3.29	1.56 0.01 -3.98	3.31 0.01 -3.21	13.17 -0.24 -1.38	20.97 -0.47 -0.04	22.20 -0.59 -0.28	41.31 -1.06 0.00	143.71 -2.74 0.00	29.86 -0.84 0.00	20.05 -0.53 0.00	17.53 -0.50 0.00
ERIE_WT_PWR 323693	1.11 0.03 -4.69	2.50 0.03 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.27 -2.47	14.77 -0.45 -2.13	27.73 -0.79 -0.63	22.61 -0.33 -0.01	24.57 -0.31 -0.01	20.48 -0.42 -0.06	6.56 -0.12 -2.67	4.02 -0.02 -3.26	1.54 0.03 -3.95	3.28 0.02 -3.18	13.00 -0.40 -1.37	20.74 -0.70 -0.04	21.95 -0.84 -0.27	40.84 -1.53 0.00	141.97 -4.48 0.00	29.54 -1.17 0.00	19.82 -0.76 0.00	17.34 -0.69 0.00
ESPRGFLD_115KV_TB1 80157	-7.79 -0.14 4.04	-5.20 -0.06 3.52	-3.93 -0.02 3.32	2.01 0.16 2.50	-2.72 0.02 3.19	0.36 0.15 3.02	6.27 0.39 2.10	11.89 0.60 1.81	28.71 1.35 0.53	24.13 1.19 0.00	26.13 1.27 0.00	21.71 0.92 0.05	1.90 0.16 2.27	-1.97 0.03 2.77	-5.90 -0.09 3.37	-2.62 0.00 2.71	11.36 0.50 1.17	22.27 0.90 0.03	23.31 1.04 0.24	44.51 2.15 0.00	153.95 7.50 0.00	32.23 1.53 0.00	21.58 1.01 0.00	18.91 0.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	2.62 -0.07 -6.30	3.84 -0.03 -5.49	4.58 -0.01 -5.18	8.31 0.05 -3.92	5.45 0.01 -4.99	8.02 0.06 -4.73	11.47 0.17 -3.31	16.25 0.30 -2.86	29.41 0.69 -0.84	23.43 0.49 0.00	25.36 0.49 0.00	21.22 0.31 -0.07	7.63 0.04 -3.58	5.17 0.01 -4.39	2.84 -0.03 -5.31	4.37 0.00 -4.27	13.99 0.12 -1.84	21.74 0.30 -0.05	23.23 0.37 -0.35	43.33 0.96 0.00	150.01 3.56 0.00	31.35 0.64 0.00	20.95 0.37 0.00	18.35 0.32 0.00
ETNA____115KV_TB2 80207	2.62 -0.07 -6.30	3.84 -0.03 -5.49	4.58 -0.01 -5.18	8.31 0.05 -3.92	5.45 0.01 -4.99	8.02 0.06 -4.73	11.47 0.17 -3.31	16.25 0.30 -2.86	29.41 0.69 -0.84	23.43 0.49 0.00	25.36 0.49 0.00	21.22 0.31 -0.07	7.63 0.04 -3.58	5.17 0.01 -4.39	2.84 -0.03 -5.31	4.37 0.00 -4.27	13.99 0.12 -1.84	21.74 0.30 -0.05	23.23 0.37 -0.35	43.33 0.96 0.00	150.01 3.56 0.00	31.35 0.64 0.00	20.95 0.37 0.00	18.35 0.32 0.00
EUCLID____115KV_TB2 356179	-0.78 0.06 -2.77	0.83 0.03 -2.42	1.70 0.01 -2.28	5.96 -0.11 -1.72	2.64 -0.01 -2.20	5.25 -0.06 -2.08	9.29 -0.15 -1.46	14.11 -0.24 -1.26	27.80 -0.46 -0.37	22.57 -0.37 0.00	24.47 -0.40 0.00	20.50 -0.37 -0.03	5.51 -0.08 -1.58	2.69 -0.02 -1.93	-0.06 0.04 -2.33	1.97 0.00 -1.88	12.59 -0.24 -0.81	21.02 -0.40 -0.02	22.24 -0.43 -0.15	41.63 -0.73 0.00	144.04 -2.41 0.00	30.12 -0.58 0.00	20.16 -0.42 0.00	17.66 -0.37 0.00
E_CANADA_CAP_HY 24051	36.81 -0.19 -40.61	33.71 -0.08 -35.41	32.78 -0.03 -33.39	29.82 0.21 -25.26	32.66 0.02 -32.18	33.91 0.19 -30.50	29.88 0.48 -21.42	32.26 0.71 -18.45	34.77 1.50 -5.39	24.24 1.30 0.00	26.22 1.36 0.00	22.28 0.96 -0.48	27.27 0.17 -23.09	29.06 0.03 -28.25	31.74 -0.09 -34.27	27.69 0.00 -27.60	24.45 0.55 -11.87	22.69 1.00 -0.29	26.02 1.17 -2.35	44.82 2.45 0.00	155.35 8.90 0.00	32.61 1.90 0.00	21.81 1.24 0.00	19.11 1.08 0.00
E_CANADA_MHWK_HY 24050	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.37 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.07 0.00	13.20 0.11 0.00	27.95 0.06 0.00	22.57 -0.37 0.00	24.43 -0.43 0.00	20.61 -0.23 0.00	3.98 -0.03 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.88 -0.15 0.00	21.23 -0.16 0.00	22.46 -0.05 0.00	42.78 0.42 0.00	147.92 1.47 0.00	31.16 0.46 0.00	20.80 0.22 0.00	18.21 0.18 0.00
E_FISHKILL____LBMP 23776	23.72 -0.22 -27.55	22.30 -0.10 -24.02	22.03 -0.04 -22.65	21.71 0.24 -17.13	22.30 0.02 -21.83	24.09 0.19 -20.68	22.98 0.50 -14.50	26.40 0.81 -12.49	33.33 1.79 -3.65	24.26 1.32 0.00	26.34 1.48 0.00	22.59 1.43 -0.33	19.94 0.28 -15.64	19.97 0.05 -19.14	20.60 -0.18 -23.21	18.79 0.00 -18.70	20.98 0.90 -8.04	23.11 1.52 -0.20	25.62 1.52 -1.59	44.96 2.59 0.00	154.77 8.33 0.00	32.41 1.71 0.00	21.76 1.19 0.00	19.05 1.02 0.00
FALCON____SEABRD_CC1 323796	-3.60 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.06 0.00	13.11 0.02 0.00	27.53 -0.36 0.00	22.56 -0.38 0.00	24.56 -0.30 0.00	20.31 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.15 -0.02 3.22	11.49 -0.54 0.00	20.66 -0.74 0.00	22.09 -0.42 0.00	42.23 -0.14 0.00	147.80 1.35 0.00	30.90 0.20 0.00	20.64 0.07 0.00	18.09 0.06 0.00
FALCON____SEABRD_CC2 323797	-3.60 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.06 0.00	13.11 0.02 0.00	27.53 -0.36 0.00	22.56 -0.38 0.00	24.56 -0.30 0.00	20.31 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.15 -0.02 3.22	11.49 -0.54 0.00	20.66 -0.74 0.00	22.09 -0.42 0.00	42.23 -0.14 0.00	147.80 1.35 0.00	30.90 0.20 0.00	20.64 0.07 0.00	18.09 0.06 0.00
FAR ROCKAWAY____4 23548	24.59 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.40 -16.86	21.98 0.04 -21.49	23.88 0.29 -20.36	23.02 0.77 -14.28	26.59 1.20 -12.30	34.06 2.57 -3.59	25.05 2.11 0.00	27.25 2.39 0.00	23.31 2.15 -0.32	19.84 0.43 -15.40	19.70 0.08 -18.84	20.15 -0.27 -22.85	36.91 0.01 -36.81	24.13 1.38 -10.72	25.39 2.20 -1.80	28.11 2.25 -3.36	46.94 4.08 -0.50	161.18 12.80 -1.93	33.34 2.64 0.00	22.43 1.85 0.00	19.63 1.60 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.77 1.91 0.00	22.96 1.81 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.13 -7.92	23.45 1.86 -0.19	25.92 1.84 -1.56	45.44 3.08 0.00	156.12 9.67 0.00	32.75 2.04 0.00	22.00 1.43 0.00	19.24 1.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.68 2.20 -3.59	24.64 1.70 0.00	26.79 1.92 0.00	22.97 1.82 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.46 1.88 -0.19	25.93 1.86 -1.56	45.48 3.11 0.00	156.26 9.81 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.25 1.22 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.94 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.77 1.91 0.00	22.96 1.80 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.13 -7.92	23.45 1.86 -0.19	25.91 1.83 -1.56	45.44 3.07 0.00	156.12 9.67 0.00	32.74 2.04 0.00	22.00 1.43 0.00	19.24 1.20 0.00

FARRAGUT___LBMP 323566	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.32 0.93 -12.30	33.63 2.15 -3.59	24.60 1.66 0.00	26.74 1.88 0.00	22.94 1.78 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.12 -7.92	23.42 1.84 -0.19	25.89 1.81 -1.56	45.40 3.03 0.00	155.97 9.52 0.00	32.72 2.02 0.00	21.98 1.41 0.00	19.22 1.19 0.00
FENNER___WINDPWR 24204	-0.07 -0.04 -3.58	1.48 -0.02 -3.12	2.35 0.00 -2.94	6.60 0.04 -2.22	3.29 0.00 -2.83	5.96 0.04 -2.69	9.98 0.11 -1.88	14.91 0.19 -1.63	28.87 0.50 -0.48	23.33 0.39 0.00	25.23 0.37 0.00	21.08 0.20 -0.04	6.06 0.01 -2.04	3.28 0.00 -2.49	0.57 -0.01 -3.01	2.52 0.01 -2.43	13.11 0.04 -1.05	21.57 0.15 -0.03	22.95 0.24 -0.20	43.13 0.76 0.00	149.19 2.74 0.00	31.29 0.58 0.00	20.90 0.33 0.00	18.32 0.29 0.00
FIBERTEK___ENERGY 23856	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 -0.01 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.02 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.05 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.80 -0.65 0.00	30.48 -0.23 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
FITZPATRICK____ 23598	-1.49 0.13 -1.99	0.18 0.06 -1.74	1.07 0.02 -1.64	5.41 -0.18 -1.24	2.01 -0.02 -1.58	4.61 -0.12 -1.49	8.73 -0.30 -1.05	13.51 -0.49 -0.90	27.16 -1.00 -0.26	22.12 -0.81 0.00	23.99 -0.87 0.00	20.09 -0.77 -0.02	4.99 -0.16 -1.13	2.14 -0.03 -1.39	-0.67 0.09 -1.68	1.44 0.00 -1.35	12.13 -0.48 -0.58	20.62 -0.79 -0.01	21.86 -0.78 -0.12	40.98 -1.39 0.00	141.73 -4.72 0.00	29.65 -1.06 0.00	19.85 -0.73 0.00	17.39 -0.64 0.00
FLOWRFLD_69_KV_BK1 356044	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	48.18 0.30 -44.65	158.68 0.88 -149.82	26.77 1.37 -12.31	34.17 2.68 -3.60	25.07 2.13 0.00	27.20 2.33 0.00	23.18 2.02 -0.32	19.81 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.90 -0.01 -36.81	24.15 1.39 -10.72	23.95 2.36 -0.19	26.57 2.49 -1.57	58.94 4.45 -12.12	263.96 14.64 -102.87	45.85 2.71 -12.43	25.70 1.94 -3.18	19.73 1.68 -0.02
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.21 -0.26 -27.08	21.88 -0.12 -23.61	21.64 -0.04 -22.27	21.47 0.28 -16.84	21.94 0.03 -21.46	23.78 0.23 -20.33	22.83 0.60 -14.26	26.36 0.98 -12.28	33.63 2.15 -3.59	24.54 1.60 0.00	26.63 1.76 0.00	22.82 1.66 -0.32	19.72 0.33 -15.38	19.66 0.06 -18.81	20.18 -0.21 -22.82	18.48 0.01 -18.38	21.00 1.06 -7.91	23.40 1.81 -0.19	25.93 1.85 -1.56	45.62 3.26 0.00	156.98 10.53 0.00	32.84 2.14 0.00	22.03 1.46 0.00	19.27 1.24 0.00
FORT ORANGE____ 23900	28.70 -0.17 -32.47	26.62 -0.07 -28.32	26.09 -0.03 -26.70	24.73 0.20 -20.19	26.20 0.02 -25.73	27.75 0.14 -24.37	25.45 0.38 -17.09	28.44 0.62 -14.72	33.43 1.24 -4.30	23.75 0.81 0.00	25.70 0.84 0.00	22.07 0.85 -0.38	22.62 0.17 -18.43	23.37 0.03 -22.55	24.82 -0.10 -27.36	22.13 0.00 -22.04	22.01 0.50 -9.48	22.55 0.92 -0.23	25.39 1.01 -1.88	44.25 1.89 0.00	153.07 6.62 0.00	32.13 1.42 0.00	21.52 0.94 0.00	18.86 0.82 0.00
FORT_DRUM_COGEN 23780	-1.94 0.03 -1.64	-0.16 0.03 -1.43	0.77 0.01 -1.34	5.31 -0.05 -1.02	1.75 0.00 -1.30	4.44 -0.02 -1.23	8.82 -0.02 -0.86	13.67 -0.17 -0.75	27.68 -0.44 -0.23	23.02 0.09 0.00	24.78 -0.08 0.00	20.31 -0.55 -0.02	4.82 -0.18 -0.98	1.94 -0.03 -1.19	-0.62 0.13 -1.68	1.36 0.00 -1.27	11.92 -0.59 -0.48	20.57 -0.83 -0.01	22.11 -0.49 -0.10	42.25 -0.11 0.00	147.85 1.40 0.00	31.14 0.44 0.00	20.66 0.09 0.00	18.24 0.21 0.00
FPL_FAR_ROCK_GT1 24212	24.58 -0.36 -28.55	26.02 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.40 -16.86	21.98 0.04 -21.49	23.88 0.29 -20.36	23.02 0.76 -14.28	26.59 1.20 -12.30	34.08 2.60 -3.59	25.05 2.11 0.00	27.25 2.39 0.00	23.31 2.15 -0.32	19.85 0.43 -15.40	19.71 0.08 -18.84	20.15 -0.27 -22.86	36.91 0.01 -36.81	24.14 1.39 -10.72	25.40 2.20 -1.80	28.12 2.25 -3.36	46.92 4.06 -0.50	161.25 12.86 -1.93	33.35 2.64 0.00	22.43 1.85 0.00	19.63 1.60 0.00
FPL_FAR_ROCK_GT2 23815	24.58 -0.36 -28.55	26.02 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.40 -16.86	21.98 0.04 -21.49	23.88 0.29 -20.36	23.02 0.76 -14.28	26.59 1.20 -12.30	34.08 2.60 -3.59	25.05 2.11 0.00	27.25 2.39 0.00	23.31 2.15 -0.32	19.85 0.43 -15.40	19.71 0.08 -18.84	20.15 -0.27 -22.86	36.91 0.01 -36.81	24.14 1.39 -10.72	25.40 2.20 -1.80	28.12 2.25 -3.36	46.92 4.06 -0.50	161.25 12.86 -1.93	33.35 2.64 0.00	22.43 1.85 0.00	19.63 1.60 0.00
FRANKLIN_FALL_HYD 24054	-3.58 0.03 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.45 0.00 0.00	3.24 0.00 0.00	8.00 0.02 0.00	13.06 -0.03 0.00	27.62 -0.27 0.00	22.77 -0.17 0.00	24.75 -0.11 0.00	20.37 -0.47 0.00	3.92 -0.09 0.00	0.77 -0.02 0.00	1.94 0.11 -4.26	2.31 -0.01 -2.23	11.53 -0.50 0.00	20.70 -0.70 0.00	22.04 -0.47 0.00	42.05 -0.31 0.00	146.76 0.31 0.00	30.88 0.17 0.00	20.63 0.05 0.00	18.11 0.08 0.00
FREEPORT_EQUS_GT1 23764	24.60 -0.34 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.86 0.27 -20.36	22.98 0.73 -14.28	26.54 1.14 -12.30	33.88 2.40 -3.59	24.87 1.94 0.00	27.04 2.18 0.00	23.13 1.97 -0.32	19.81 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.90 0.00 -36.81	24.06 1.31 -10.72	6.48 2.07 16.99	7.02 2.11 17.60	40.75 3.70 5.32	137.51 11.70 20.65	33.08 2.38 0.00	22.29 1.72 0.00	19.50 1.47 0.00
FREEPORT___CT2 23818	24.60 -0.34 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.58 0.37 -16.86	21.98 0.04 -21.49	23.86 0.27 -20.36	22.98 0.73 -14.28	26.54 1.14 -12.30	33.88 2.40 -3.59	24.87 1.94 0.00	27.04 2.18 0.00	23.13 1.97 -0.32	19.81 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.90 0.00 -36.81	24.06 1.31 -10.72	6.48 2.07 16.99	7.02 2.11 17.60	40.75 3.70 5.32	137.51 11.70 20.65	33.08 2.38 0.00	22.29 1.72 0.00	19.50 1.47 0.00
FRESHKLS_33_KV_LOAD 356253	23.20 -0.31 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.32 -16.86	21.97 0.03 -21.48	23.84 0.26 -20.35	22.92 0.66 -14.28	26.43 1.04 -12.30	33.73 2.25 -3.59	24.75 1.81 0.00	26.84 1.98 0.00	23.03 1.87 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.11 1.17 -7.92	23.53 1.94 -0.19	25.98 1.91 -1.56	45.58 3.21 0.00	156.07 9.62 0.00	32.70 2.00 0.00	22.07 1.49 0.00	19.30 1.26 0.00
FULTON COGEN____ 23766	-1.00 0.09 -2.53	0.63 0.04 -2.20	1.51 0.02 -2.08	5.79 -0.13 -1.57	2.45 -0.01 -2.00	5.05 -0.08 -1.89	9.11 -0.20 -1.33	13.91 -0.33 -1.15	27.60 -0.63 -0.34	22.43 -0.51 0.00	24.31 -0.55 0.00	20.34 -0.52 -0.03	5.34 -0.11 -1.44	2.52 -0.02 -1.76	-0.24 0.06 -2.13	1.81 0.00 -1.72	12.43 -0.33 -0.74	20.90 -0.51 -0.02	22.19 -0.47 -0.15	41.56 -0.81 0.00	143.85 -2.60 0.00	30.08 -0.62 0.00	20.12 -0.45 0.00	17.62 -0.41 0.00

FULTON___LFGE 323630	34.42 -0.27 -38.30	31.64 -0.13 -33.39	30.86 -0.05 -31.49	28.51 0.34 -23.82	30.84 0.04 -30.35	32.28 0.29 -28.76	28.84 0.66 -20.20	31.32 0.82 -17.40	35.08 2.11 -5.08	23.90 0.96 0.00	25.99 1.13 0.00	22.07 0.78 -0.45	25.92 0.13 -21.78	27.45 0.02 -26.64	29.83 -0.05 -32.32	26.11 -0.01 -26.04	23.72 0.49 -11.20	22.80 1.13 -0.27	26.53 1.81 -2.21	46.79 4.43 0.00	160.49 14.04 0.00	33.95 3.24 0.00	22.61 2.04 0.00	19.73 1.70 0.00
G.F.CEMENT___DRP 24184	30.15 -0.15 -33.91	27.88 -0.06 -29.56	27.27 -0.02 -27.88	25.55 0.15 -21.05	27.29 0.02 -26.82	28.78 0.13 -25.41	26.20 0.37 -17.85	29.09 0.62 -15.38	33.51 1.13 -4.49	23.50 0.56 0.00	25.50 0.64 0.00	21.86 0.63 -0.40	23.43 0.13 -19.28	24.39 0.03 -23.59	26.11 -0.07 -28.61	23.13 -0.01 -23.05	22.38 0.44 -9.92	22.55 0.92 -0.24	25.55 1.08 -1.96	44.35 1.98 0.00	153.57 7.12 0.00	32.23 1.52 0.00	21.51 0.93 0.00	18.81 0.78 0.00
GARDENVILLE___LBMP 24039	1.11 0.04 -4.68	2.49 0.03 -4.08	3.28 0.02 -3.85	7.08 -0.17 -2.91	4.14 -0.02 -3.70	6.64 -0.10 -3.51	10.14 -0.30 -2.46	14.72 -0.50 -2.13	27.63 -0.89 -0.63	22.52 -0.43 -0.01	24.46 -0.41 -0.01	20.41 -0.50 -0.06	6.54 -0.14 -2.66	4.01 -0.03 -3.26	1.55 0.04 -3.94	3.27 0.01 -3.17	12.97 -0.42 -1.37	20.66 -0.78 -0.04	21.88 -0.91 -0.27	40.64 -1.72 0.00	141.46 -4.99 0.00	29.40 -1.30 0.00	19.73 -0.85 0.00	17.27 -0.77 0.00
GARDNVLA_35_KV_LD 355827	1.10 0.02 -4.69	2.49 0.02 -4.09	3.28 0.01 -3.86	7.11 -0.15 -2.92	4.16 -0.01 -3.72	6.67 -0.09 -3.52	10.18 -0.26 -2.47	14.79 -0.43 -2.13	27.79 -0.73 -0.63	22.64 -0.30 -0.01	24.59 -0.27 -0.01	20.52 -0.39 -0.06	6.56 -0.12 -2.67	4.03 -0.02 -3.27	1.55 0.03 -3.95	3.28 0.01 -3.18	13.04 -0.36 -1.37	20.77 -0.66 -0.04	22.00 -0.78 -0.27	40.89 -1.47 0.00	142.20 -4.25 0.00	29.56 -1.14 0.00	19.84 -0.74 0.00	17.36 -0.68 0.00
GELCKHM___115KV_LOAD 80723	-0.58 0.04 -2.98	1.00 0.03 -2.60	1.87 0.01 -2.45	6.12 -0.09 -1.86	2.81 -0.01 -2.36	5.42 -0.04 -2.24	9.45 -0.10 -1.57	14.29 -0.16 -1.36	27.99 -0.30 -0.40	22.69 -0.25 0.00	24.60 -0.26 0.00	20.61 -0.27 -0.04	5.63 -0.06 -1.68	2.83 -0.01 -2.06	0.11 0.03 -2.51	2.11 0.00 -2.02	12.72 -0.17 -0.87	21.16 -0.25 -0.02	22.35 -0.32 -0.16	41.83 -0.54 0.00	144.74 -1.71 0.00	30.25 -0.45 0.00	20.24 -0.34 0.00	17.72 -0.31 0.00
GENERAL___MILLS 23808	1.11 0.03 -4.69	2.49 0.02 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.28 -2.47	14.76 -0.46 -2.13	27.72 -0.79 -0.63	22.59 -0.35 -0.01	24.54 -0.33 -0.01	20.47 -0.43 -0.06	6.55 -0.13 -2.67	4.02 -0.02 -3.26	1.55 0.04 -3.95	3.28 0.01 -3.18	13.01 -0.39 -1.37	20.72 -0.72 -0.04	21.95 -0.84 -0.27	40.80 -1.57 0.00	141.90 -4.55 0.00	29.50 -1.21 0.00	19.79 -0.78 0.00	17.32 -0.71 0.00
GE_PLASTICS___DRP 24183	28.76 -0.14 -32.51	26.66 -0.06 -28.34	26.12 -0.02 -26.73	24.72 0.17 -20.21	26.23 0.02 -25.75	27.75 0.12 -24.40	25.39 0.32 -17.10	28.34 0.52 -14.73	33.25 1.06 -4.30	23.64 0.70 0.00	25.61 0.75 0.00	21.98 0.76 -0.38	22.60 0.15 -18.44	23.37 0.03 -22.56	24.84 -0.09 -27.37	22.14 0.00 -22.04	21.96 0.45 -9.48	22.44 0.81 -0.23	25.25 0.86 -1.88	43.93 1.56 0.00	151.83 5.38 0.00	31.85 1.15 0.00	21.35 0.78 0.00	18.72 0.69 0.00
GILBOA___1 23756	22.06 -0.12 -25.79	20.81 -0.05 -22.48	20.60 -0.02 -21.20	20.51 0.13 -16.03	20.90 0.01 -20.43	22.69 0.10 -19.36	21.82 0.27 -13.58	25.21 0.42 -11.70	32.25 0.95 -3.42	23.59 0.65 0.00	25.58 0.72 0.00	21.85 0.71 -0.30	18.80 0.14 -14.64	18.73 0.03 -17.91	19.21 -0.08 -21.73	17.60 0.00 -17.50	19.99 0.43 -7.53	22.32 0.74 -0.18	24.73 0.74 -1.49	43.68 1.32 0.00	150.75 4.30 0.00	31.61 0.91 0.00	21.23 0.65 0.00	18.60 0.57 0.00
GILBOA___2 23757	22.06 -0.12 -25.79	20.81 -0.05 -22.48	20.60 -0.02 -21.20	20.51 0.13 -16.03	20.90 0.01 -20.43	22.69 0.10 -19.36	21.82 0.27 -13.58	25.21 0.42 -11.70	32.25 0.95 -3.42	23.59 0.65 0.00	25.58 0.72 0.00	21.85 0.71 -0.30	18.80 0.14 -14.64	18.73 0.03 -17.91	19.21 -0.08 -21.73	17.60 0.00 -17.50	19.99 0.43 -7.53	22.32 0.74 -0.18	24.73 0.74 -1.49	43.68 1.32 0.00	150.75 4.30 0.00	31.61 0.91 0.00	21.23 0.65 0.00	18.60 0.57 0.00
GILBOA___3 23758	22.06 -0.12 -25.79	20.81 -0.05 -22.48	20.60 -0.02 -21.20	20.51 0.13 -16.03	20.90 0.01 -20.43	22.69 0.10 -19.36	21.82 0.27 -13.58	25.21 0.42 -11.70	32.25 0.95 -3.42	23.59 0.65 0.00	25.58 0.72 0.00	21.85 0.71 -0.30	18.80 0.14 -14.64	18.73 0.03 -17.91	19.21 -0.08 -21.73	17.60 0.00 -17.50	19.99 0.43 -7.53	22.32 0.74 -0.18	24.73 0.74 -1.49	43.68 1.32 0.00	150.75 4.30 0.00	31.61 0.91 0.00	21.23 0.65 0.00	18.60 0.57 0.00
GILBOA___4 23759	22.06 -0.12 -25.79	20.81 -0.05 -22.48	20.60 -0.02 -21.20	20.51 0.13 -16.03	20.90 0.01 -20.43	22.69 0.10 -19.36	21.82 0.27 -13.58	25.21 0.42 -11.70	32.25 0.95 -3.42	23.59 0.65 0.00	25.58 0.72 0.00	21.85 0.71 -0.30	18.80 0.14 -14.64	18.73 0.03 -17.91	19.21 -0.08 -21.73	17.60 0.00 -17.50	19.99 0.43 -7.53	22.32 0.74 -0.18	24.73 0.74 -1.49	43.68 1.32 0.00	150.75 4.30 0.00	31.61 0.91 0.00	21.23 0.65 0.00	18.60 0.57 0.00
GILBOA___ 23599	22.06 -0.12 -25.79	20.81 -0.05 -22.48	20.60 -0.02 -21.20	20.51 0.13 -16.03	20.90 0.01 -20.43	22.69 0.10 -19.36	21.82 0.27 -13.58	25.21 0.42 -11.70	32.25 0.94 -3.42	23.59 0.65 0.00	25.58 0.72 0.00	21.85 0.71 -0.30	18.80 0.14 -14.64	18.73 0.03 -17.91	19.21 -0.08 -21.73	17.60 0.00 -17.50	19.99 0.43 -7.53	22.32 0.74 -0.18	24.73 0.73 -1.49	43.68 1.32 0.00	150.70 4.25 0.00	31.61 0.90 0.00	21.22 0.65 0.00	18.60 0.57 0.00
GINNA___ 23603	0.08 0.20 -3.49	1.52 0.09 -3.04	2.32 0.04 -2.87	6.20 -0.31 -2.17	3.19 -0.03 -2.77	5.65 -0.20 -2.62	9.30 -0.51 -1.84	13.83 -0.85 -1.58	26.63 -1.72 -0.46	21.66 -1.28 0.00	23.46 -1.40 0.00	19.58 -1.30 -0.04	5.73 -0.27 -1.99	3.16 -0.05 -2.43	0.65 0.14 -2.94	2.46 0.00 -2.37	12.20 -0.85 -1.02	19.97 -1.45 -0.03	21.18 -1.53 -0.20	39.54 -2.82 0.00	137.03 -9.42 0.00	28.62 -2.08 0.00	19.17 -1.41 0.00	16.75 -1.28 0.00
GLEN PARK___ 23778	-1.90 0.02 -1.69	-0.12 0.03 -1.47	0.81 0.01 -1.39	5.37 -0.03 -1.05	1.80 0.00 -1.34	4.49 -0.01 -1.27	8.89 0.02 -0.89	13.75 -0.12 -0.78	27.75 -0.37 -0.24	23.11 0.17 0.00	24.86 0.00 0.00	20.34 -0.51 -0.02	4.85 -0.17 -1.01	1.98 -0.03 -1.23	-0.60 0.12 -1.71	1.39 0.00 -1.30	11.93 -0.59 -0.49	20.57 -0.84 -0.01	22.14 -0.47 -0.10	42.38 0.01 0.00	148.49 2.04 0.00	31.32 0.61 0.00	20.76 0.19 0.00	18.32 0.29 0.00
GLENDALE_27_KV_LOAD 356172	23.23 -0.28 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.87 0.62 -14.28	26.41 1.02 -12.30	33.81 2.33 -3.59	24.74 1.80 0.00	26.88 2.02 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.24 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.56 1.97 -0.19	26.02 1.94 -1.56	45.65 3.29 0.00	156.85 10.40 0.00	32.87 2.17 0.00	22.09 1.51 0.00	19.31 1.28 0.00

GLENWOOD_IC_1_G5 23712	24.64 -0.30 -28.55	26.05 -0.13 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.84 0.25 -20.36	22.92 0.67 -14.28	26.45 1.06 -12.30	33.67 2.19 -3.59	24.75 1.81 0.00	26.95 2.09 0.00	23.07 1.92 -0.32	19.79 0.38 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.91 0.01 -36.81	23.97 1.22 -10.72	19.34 1.85 3.91	21.35 1.85 3.01	44.35 3.25 1.27	151.74 10.22 4.93	32.94 2.23 0.00	22.16 1.58 0.00	19.39 1.36 0.00
GLENWOOD_IC_2_G1 23688	24.65 -0.29 -28.55	26.06 -0.12 -27.81	27.23 -0.04 -27.86	21.51 0.31 -16.86	21.97 0.03 -21.49	23.82 0.24 -20.36	22.88 0.62 -14.28	26.40 1.00 -12.30	33.67 2.19 -3.59	24.65 1.71 0.00	26.81 1.95 0.00	22.97 1.81 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.23 -22.85	36.90 0.00 -36.81	23.92 1.17 -10.72	23.47 1.88 -0.19	25.96 1.89 -1.57	45.66 3.29 0.00	156.94 10.49 0.00	32.85 2.14 0.00	22.06 1.49 0.00	19.30 1.27 0.00
GLENWOOD_IC_3_G1 23689	24.65 -0.29 -28.55	26.06 -0.12 -27.81	27.23 -0.04 -27.86	21.51 0.31 -16.86	21.97 0.03 -21.49	23.82 0.24 -20.36	22.88 0.62 -14.28	26.40 1.00 -12.30	33.67 2.19 -3.59	24.65 1.71 0.00	26.81 1.95 0.00	22.97 1.81 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.23 -22.85	36.90 0.00 -36.81	23.92 1.17 -10.72	23.47 1.88 -0.19	25.96 1.89 -1.57	45.66 3.29 0.00	156.94 10.49 0.00	32.85 2.14 0.00	22.06 1.49 0.00	19.30 1.27 0.00
GLENWOOD___4 23550	24.64 -0.30 -28.55	26.05 -0.13 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.84 0.25 -20.36	22.92 0.67 -14.28	26.45 1.06 -12.30	33.71 2.23 -3.59	24.76 1.82 0.00	26.95 2.09 0.00	23.07 1.92 -0.32	19.79 0.38 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.91 0.01 -36.81	23.97 1.22 -10.72	19.39 1.91 3.91	21.42 1.91 3.01	44.46 3.37 1.27	152.13 10.61 4.93	32.96 2.25 0.00	22.16 1.58 0.00	19.39 1.36 0.00
GLENWOOD___5 23614	24.64 -0.30 -28.55	26.05 -0.13 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.84 0.25 -20.36	22.92 0.67 -14.28	26.45 1.06 -12.30	33.71 2.23 -3.59	24.76 1.82 0.00	26.95 2.09 0.00	23.07 1.92 -0.32	19.79 0.38 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.91 0.01 -36.81	23.97 1.22 -10.72	19.39 1.91 3.91	21.42 1.91 3.01	44.46 3.37 1.27	152.13 10.61 4.93	32.96 2.25 0.00	22.16 1.58 0.00	19.39 1.36 0.00
GLOBAL GREEN_PORT_GT1 23814	24.42 -0.53 -28.55	25.97 -0.22 -27.81	27.19 -0.08 -27.86	21.77 0.56 -16.86	22.00 0.06 -21.49	42.34 0.41 -38.69	125.73 1.17 -116.59	27.27 1.87 -12.30	35.15 3.67 -3.60	25.76 2.82 0.00	27.91 3.05 0.00	23.73 2.57 -0.32	19.92 0.51 -15.40	19.72 0.10 -18.84	20.11 -0.31 -22.85	36.88 -0.02 -36.81	24.61 1.86 -10.72	24.78 3.19 -0.19	27.46 3.39 -1.57	57.45 5.93 -9.15	244.43 20.33 -77.65	43.78 3.69 -9.38	25.55 2.57 -2.40	20.27 2.23 -0.01
GLOBE___DSASP 323697	0.91 0.16 -4.35	2.27 0.09 -3.80	3.02 0.04 -3.57	6.74 -0.31 -2.70	3.86 -0.03 -3.44	6.27 -0.23 -3.27	9.63 -0.65 -2.30	13.99 -1.08 -1.98	26.23 -2.24 -0.58	21.46 -1.48 0.00	23.25 -1.62 0.00	19.37 -1.52 -0.05	6.17 -0.32 -2.48	3.75 -0.06 -3.03	1.39 0.15 -3.67	3.05 0.02 -2.95	12.37 -0.93 -1.27	19.68 -1.75 -0.03	20.79 -1.97 -0.25	38.65 -3.72 0.00	134.52 -11.93 0.00	27.93 -2.77 0.00	18.77 -1.81 0.00	16.44 -1.59 0.00
GOETHSLN___LBMP 323567	23.26 -0.24 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.46 0.26 -16.86	21.96 0.03 -21.48	23.78 0.20 -20.35	22.78 0.53 -14.28	26.25 0.86 -12.30	33.51 2.03 -3.59	24.47 1.54 0.00	26.62 1.76 0.00	22.84 1.68 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.00 1.06 -7.92	23.29 1.70 -0.19	25.74 1.66 -1.56	45.15 2.79 0.00	155.20 8.75 0.00	32.57 1.87 0.00	21.89 1.32 0.00	19.14 1.11 0.00
GOLAH___69_KV_TB 1_2 80279	0.00 0.01 -3.59	1.51 0.00 -3.13	2.37 0.01 -2.95	6.49 -0.09 -2.23	3.29 -0.01 -2.84	5.89 -0.03 -2.70	9.73 -0.14 -1.89	14.49 -0.23 -1.63	28.03 -0.33 -0.48	22.82 -0.12 0.00	24.67 -0.19 0.00	20.56 -0.32 -0.04	5.96 -0.10 -2.05	3.27 -0.02 -2.50	0.62 0.04 -3.02	2.53 0.00 -2.44	12.77 -0.31 -1.05	20.90 -0.52 -0.03	22.18 -0.53 -0.20	41.49 -0.88 0.00	144.02 -2.43 0.00	30.09 -0.61 0.00	20.14 -0.43 0.00	17.60 -0.43 0.00
GOODYEAR_LAKE_HYD 323669	2.75 -0.13 -6.49	3.98 -0.06 -5.66	4.73 -0.02 -5.33	8.52 0.14 -4.03	5.61 0.02 -5.14	8.22 0.12 -4.87	11.73 0.33 -3.43	16.58 0.53 -2.95	29.97 1.22 -0.86	23.92 0.98 0.00	25.92 1.06 0.00	21.78 0.87 -0.08	7.86 0.15 -3.69	5.33 0.03 -4.52	2.95 -0.09 -5.48	4.51 0.00 -4.42	14.41 0.48 -1.90	22.29 0.85 -0.05	23.82 0.94 -0.37	44.22 1.86 0.00	152.71 6.26 0.00	31.94 1.24 0.00	21.39 0.82 0.00	18.74 0.70 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	5.04 -0.05 -8.70	5.95 -0.02 -7.59	6.56 -0.01 -7.16	9.79 0.03 -5.41	7.36 0.00 -6.89	9.80 0.04 -6.53	12.65 0.09 -4.58	17.21 0.17 -3.95	29.52 0.47 -1.15	23.23 0.29 0.00	25.27 0.41 0.00	21.28 0.34 -0.10	9.01 0.05 -4.95	6.84 0.01 -6.05	4.86 -0.04 -7.33	6.00 0.00 -5.91	14.77 0.20 -2.54	21.75 0.30 -0.06	23.30 0.30 -0.49	43.08 0.72 0.00	148.97 2.52 0.00	30.99 0.29 0.00	20.76 0.19 0.00	18.26 0.23 0.00
GOUDEY___7 23579	5.04 -0.05 -8.70	5.95 -0.02 -7.59	6.56 -0.01 -7.16	9.79 0.03 -5.41	7.36 0.00 -6.89	9.80 0.04 -6.53	12.66 0.10 -4.58	17.22 0.18 -3.95	29.54 0.50 -1.15	23.25 0.31 0.00	25.29 0.43 0.00	21.29 0.35 -0.10	9.01 0.05 -4.95	6.84 0.01 -6.05	4.86 -0.04 -7.33	6.00 0.00 -5.91	14.78 0.21 -2.54	21.77 0.31 -0.06	23.32 0.32 -0.49	43.13 0.76 0.00	149.09 2.64 0.00	31.02 0.31 0.00	20.78 0.21 0.00	18.28 0.24 0.00
GOUDEY___8 23580	5.04 -0.05 -8.70	5.95 -0.02 -7.59	6.56 -0.01 -7.16	9.79 0.03 -5.41	7.36 0.00 -6.89	9.80 0.04 -6.53	12.65 0.09 -4.58	17.21 0.17 -3.95	29.52 0.47 -1.15	23.23 0.29 0.00	25.27 0.41 0.00	21.28 0.34 -0.10	9.01 0.05 -4.95	6.84 0.01 -6.05	4.86 -0.04 -7.33	6.00 0.00 -5.91	14.77 0.20 -2.54	21.75 0.30 -0.06	23.30 0.30 -0.49	43.08 0.72 0.00	148.97 2.52 0.00	30.99 0.29 0.00	20.76 0.19 0.00	18.26 0.23 0.00
GOWANUS_GT1_1 24077	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_2 24078	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00

GOWANUS_GT1_3 24079	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_4 24080	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_5 24084	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_6 24111	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_7 24112	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT1_8 24113	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT2_1 24114	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0

GOWANUS_GT3_2 24123	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_3 24124	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_4 24125	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_5 24126	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_6 24127	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_7 24128	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
GOWANUS_GT3_8 24129	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0

GREENBSH_115KV_TB3 55895	28.88 -0.15 -32.64	26.77 -0.07 -28.46	26.23 -0.02 -26.84	24.82 0.18 -20.29	26.33 0.02 -25.86	27.86 0.14 -24.50	25.50 0.35 -17.18	28.46 0.57 -14.80	33.36 1.15 -4.32	23.69 0.75 0.00	25.66 0.80 0.00	22.03 0.81 -0.39	22.71 0.17 -18.53	23.48 0.03 -22.67	24.96 -0.10 -27.50	22.24 0.00 -22.15	22.04 0.48 -9.53	22.50 0.87 -0.23	25.32 0.93 -1.89	44.07 1.71 0.00	152.32 5.87 0.00	31.96 1.26 0.00	21.42 0.84 0.00	18.78 0.74 0.00
GREENDGE_115KV_TB5 80291	1.82 -0.04 -5.47	3.14 -0.01 -4.77	3.91 0.00 -4.50	7.75 0.00 -3.40	4.79 0.00 -4.33	7.38 0.04 -4.11	10.96 0.10 -2.88	15.77 0.20 -2.48	29.17 0.56 -0.73	23.43 0.49 0.00	25.40 0.54 0.00	21.23 0.32 -0.06	7.14 0.01 -3.12	4.60 0.00 -3.81	2.16 -0.01 -4.61	3.81 0.00 -3.71	13.68 0.05 -1.60	21.59 0.16 -0.04	23.06 0.24 -0.31	43.13 0.77 0.00	148.98 2.53 0.00	31.11 0.40 0.00	20.85 0.27 0.00	18.29 0.26 0.00
GREENIDGE___3 23582	1.82 -0.04 -5.47	3.14 -0.01 -4.77	3.91 0.00 -4.50	7.75 0.00 -3.40	4.79 0.00 -4.33	7.38 0.04 -4.11	10.96 0.10 -2.88	15.77 0.20 -2.48	29.17 0.56 -0.73	23.43 0.49 0.00	25.40 0.54 0.00	21.23 0.32 -0.06	7.14 0.01 -3.12	4.60 0.00 -3.81	2.16 -0.01 -4.61	3.81 0.00 -3.71	13.68 0.05 -1.60	21.59 0.16 -0.04	23.06 0.24 -0.31	43.13 0.77 0.00	148.98 2.53 0.00	31.11 0.40 0.00	20.85 0.27 0.00	18.29 0.26 0.00
GREENIDGE___4 23583	1.82 -0.04 -5.47	3.14 -0.01 -4.77	3.91 0.00 -4.50	7.75 0.00 -3.40	4.79 0.00 -4.33	7.38 0.04 -4.11	10.96 0.10 -2.88	15.77 0.19 -2.48	29.16 0.54 -0.73	23.43 0.49 0.00	25.40 0.54 0.00	21.22 0.32 -0.06	7.14 0.01 -3.12	4.60 0.00 -3.81	2.16 -0.01 -4.61	3.81 0.01 -3.71	13.66 0.04 -1.60	21.59 0.16 -0.04	23.05 0.23 -0.31	43.13 0.76 0.00	148.91 2.46 0.00	31.11 0.41 0.00	20.85 0.27 0.00	18.29 0.26 0.00
GREENLWN_69_KV_BK 3 55738	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.56 0.35 -16.86	21.98 0.04 -21.49	19.64 0.25 -16.16	-0.45 0.73 9.15	26.48 1.08 -12.30	33.66 2.18 -3.59	24.73 1.79 0.00	26.87 2.01 0.00	22.97 1.81 -0.32	19.78 0.37 -15.40	19.69 0.07 -18.84	20.19 -0.23 -22.85	36.90 0.00 -36.81	23.96 1.21 -10.72	23.53 1.94 -0.19	26.05 1.98 -1.57	43.91 3.65 2.10	140.43 11.76 17.79	30.82 2.27 2.15	21.66 1.63 0.55	19.41 1.38 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.40 1.01 -12.30	33.78 2.30 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.05 1.89 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.13 1.18 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.60 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.31 1.27 0.00
GRISSOM___SOLAR 323813	34.42 -0.27 -38.30	31.64 -0.13 -33.39	30.86 -0.05 -31.49	28.51 0.34 -23.82	30.84 0.04 -30.35	32.28 0.29 -28.76	28.84 0.66 -20.20	31.32 0.82 -17.40	35.08 2.11 -5.08	23.90 0.96 0.00	25.99 1.13 0.00	22.07 0.78 -0.45	25.92 0.13 -21.78	27.45 0.02 -26.64	29.83 -0.05 -32.32	26.11 -0.01 -26.04	23.72 0.49 -11.20	22.80 1.13 -0.27	26.53 1.81 -2.21	46.79 4.43 0.00	160.49 14.04 0.00	33.95 3.24 0.00	22.61 2.04 0.00	19.73 1.70 0.00
GROVEVILLE___HYD 323602	23.21 -0.26 -27.08	21.88 -0.12 -23.61	21.64 -0.04 -22.27	21.47 0.28 -16.84	21.94 0.03 -21.46	23.78 0.23 -20.33	22.83 0.60 -14.26	26.36 0.98 -12.28	33.63 2.15 -3.59	24.54 1.60 0.00	26.63 1.76 0.00	22.82 1.66 -0.32	19.72 0.33 -15.38	19.66 0.06 -18.81	20.18 -0.21 -22.82	18.48 0.01 -18.38	21.00 1.06 -7.91	23.40 1.81 -0.19	25.93 1.85 -1.56	45.62 3.26 0.00	156.98 10.53 0.00	32.84 2.14 0.00	22.03 1.46 0.00	19.27 1.24 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 -0.01 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.02 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.05 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.80 -0.65 0.00	30.48 -0.23 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
HAMLTNNY_34_KV_TB 80303	-0.05 -0.01 -3.57	1.50 0.00 -3.12	2.35 0.00 -2.94	6.54 -0.03 -2.22	3.28 0.00 -2.83	5.92 0.00 -2.68	9.89 0.03 -1.88	14.78 0.07 -1.62	28.52 0.16 -0.48	23.05 0.11 0.00	24.99 0.13 0.00	20.93 0.05 -0.04	6.06 -0.01 -2.05	3.29 0.00 -2.51	0.57 0.00 -3.01	2.52 0.00 -2.43	13.09 0.02 -1.05	21.59 0.17 -0.02	22.61 -0.09 -0.19	42.26 -0.10 0.00	146.33 -0.12 0.00	30.52 -0.18 0.00	20.42 -0.15 0.00	17.88 -0.15 0.00
HAMPSHIRE___PAPER_HYD 323593	-2.68 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.37 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 -0.01	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.62 -0.25	20.45 -0.95 -0.01	21.79 -0.78 -0.05	41.44 -0.92 0.00	144.31 -2.14 0.00	30.55 -0.15 0.00	20.36 -0.21 0.00	17.99 -0.05 0.00
HARDSCRABBLE_WT_PWR 323673	-3.60 0.01 0.00	-1.62 0.00 0.00	-0.59 0.00 0.00	4.36 0.01 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.02 0.04 0.00	13.16 0.07 0.00	27.89 0.00 0.00	22.57 -0.37 0.00	24.43 -0.42 0.00	20.56 -0.27 0.00	3.97 -0.05 0.00	0.77 -0.02 0.00	-2.39 0.05 0.00	0.09 0.00 0.00	11.84 -0.19 0.00	21.16 -0.23 0.00	22.39 -0.13 0.00	42.63 0.27 0.00	147.36 0.91 0.00	31.03 0.33 0.00	20.73 0.16 0.00	18.17 0.14 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.68 -0.25 -25.53	20.53 -0.11 -22.26	20.37 -0.04 -20.99	20.49 0.27 -15.87	20.71 0.03 -20.23	22.61 0.22 -19.16	21.97 0.55 -13.44	25.57 0.90 -11.58	33.31 2.04 -3.38	24.48 1.54 0.00	26.58 1.72 0.00	22.75 1.62 -0.30	18.83 0.32 -14.50	18.58 0.06 -17.74	18.88 -0.20 -21.52	17.43 0.01 -17.33	20.50 1.02 -7.46	23.29 1.72 -0.18	25.71 1.73 -1.47	45.42 3.06 0.00	156.03 9.57 0.00	32.70 1.99 0.00	21.92 1.35 0.00	19.16 1.13 0.00
HARSNRAD_115KV_TB1 81005	0.79 0.07 -4.32	2.19 0.05 -3.77	2.99 0.03 -3.55	6.78 -0.25 -2.69	3.85 -0.03 -3.42	6.31 -0.16 -3.24	9.78 -0.47 -2.27	14.28 -0.77 -1.96	26.89 -1.57 -0.57	21.95 -0.99 0.00	23.84 -1.02 0.00	19.87 -1.02 -0.05	6.23 -0.24 -2.46	3.75 -0.04 -3.01	1.30 0.10 -3.64	3.03 0.01 -2.93	12.56 -0.72 -1.26	20.12 -1.30 -0.03	21.30 -1.46 -0.25	39.62 -2.74 0.00	138.14 -8.31 0.00	28.71 -1.99 0.00	19.27 -1.30 0.00	16.87 -1.16 0.00
HARZA MOOSE___RIVER 24016	-2.49 0.00 -1.12	-0.63 0.01 -0.97	0.34 0.00 -0.92	5.04 0.00 -0.70	1.35 0.00 -0.89	4.08 0.01 -0.84	8.61 0.05 -0.59	13.63 0.02 -0.52	28.19 0.14 -0.16	23.22 0.29 0.00	25.10 0.24 0.00	20.78 -0.07 -0.01	4.62 -0.07 -0.67	1.59 -0.01 -0.82	-1.23 0.05 -1.16	0.96 0.00 -0.87	12.14 -0.21 -0.33	21.15 -0.25 -0.01	22.55 -0.02 -0.06	42.86 0.50 0.00	148.70 2.25 0.00	31.26 0.56 0.00	20.82 0.24 0.00	18.32 0.29 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	-0.58 0.04 -2.99	1.01 0.02 -2.61	1.88 0.01 -2.46	6.13 -0.08 -1.86	2.82 -0.01 -2.37	5.44 -0.04 -2.25	9.46 -0.09 -1.58	14.31 -0.14 -1.36	28.04 -0.25 -0.40	22.73 -0.21 0.00	24.64 -0.22 0.00	20.65 -0.22 -0.04	5.66 -0.06 -1.70	2.85 -0.01 -2.08	0.11 0.03 -2.52	2.12 0.00 -2.03	12.75 -0.15 -0.87	21.16 -0.26 -0.02	22.38 -0.29 -0.16	41.88 -0.49 0.00	144.91 -1.54 0.00	30.28 -0.42 0.00	20.26 -0.31 0.00	17.75 -0.28 0.00
HELLGATE_13_KV_LD 55870	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.43 3.07 0.00	156.07 9.62 0.00	32.72 2.02 0.00	21.99 1.42 0.00	19.23 1.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.43 3.07 0.00	156.07 9.62 0.00	32.72 2.02 0.00	21.99 1.42 0.00	19.23 1.20 0.00
HEMPSTEAD____ 23647	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.83 0.24 -20.36	22.92 0.67 -14.28	26.45 1.05 -12.30	33.69 2.21 -3.59	24.71 1.77 0.00	26.87 2.01 0.00	23.00 1.84 -0.32	19.78 0.37 -15.40	19.69 0.07 -18.84	20.18 -0.23 -22.85	36.90 0.00 -36.81	23.97 1.22 -10.72	15.93 1.91 7.37	17.57 1.93 6.88	43.40 3.38 2.34	148.14 10.78 9.10	32.87 2.16 0.00	22.13 1.55 0.00	19.36 1.33 0.00
HEWLETT__69_KV_BK3 55828	24.60 -0.34 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.59 0.39 -16.86	21.98 0.04 -21.49	23.87 0.28 -20.36	22.99 0.73 -14.28	26.54 1.15 -12.30	33.95 2.46 -3.59	24.96 2.02 0.00	27.16 2.30 0.00	23.23 2.07 -0.32	19.83 0.42 -15.40	19.70 0.08 -18.84	20.16 -0.26 -22.85	36.91 0.01 -36.81	24.08 1.32 -10.72	25.31 2.11 -1.80	28.00 2.14 -3.36	46.73 3.87 -0.50	160.52 12.14 -1.93	33.21 2.50 0.00	22.34 1.77 0.00	19.56 1.53 0.00
HICKLING___1 23621	3.35 -0.07 -7.02	4.49 -0.02 -6.12	5.18 0.00 -5.77	8.74 0.02 -4.37	6.03 0.01 -5.57	8.55 0.05 -5.27	11.78 0.11 -3.70	16.49 0.21 -3.19	29.39 0.57 -0.93	23.33 0.39 0.00	25.48 0.62 0.00	21.39 0.47 -0.08	8.06 0.05 -4.00	5.68 0.02 -4.89	3.44 -0.04 -5.92	4.86 0.00 -4.77	14.33 0.26 -2.05	21.85 0.40 -0.05	23.36 0.45 -0.40	43.46 1.10 0.00	150.61 4.16 0.00	31.11 0.39 0.00	20.82 0.25 0.00	18.36 0.33 0.00
HICKLING___2 23622	3.35 -0.07 -7.02	4.49 -0.02 -6.12	5.18 0.00 -5.77	8.74 0.02 -4.37	6.03 0.01 -5.57	8.55 0.05 -5.27	11.78 0.11 -3.70	16.49 0.21 -3.19	29.39 0.57 -0.93	23.33 0.39 0.00	25.48 0.62 0.00	21.39 0.47 -0.08	8.06 0.05 -4.00	5.68 0.02 -4.89	3.44 -0.04 -5.92	4.86 0.00 -4.77	14.33 0.26 -2.05	21.85 0.40 -0.05	23.36 0.45 -0.40	43.46 1.10 0.00	150.61 4.16 0.00	31.11 0.39 0.00	20.82 0.25 0.00	18.36 0.33 0.00
HIGH FALLS___HY 23754	22.17 -0.26 -26.04	20.96 -0.12 -22.70	20.78 -0.04 -21.41	20.84 0.30 -16.19	21.12 0.03 -20.63	23.02 0.24 -19.55	22.29 0.61 -13.71	25.90 1.00 -11.81	33.63 2.29 -3.45	24.67 1.73 0.00	26.78 1.92 0.00	22.92 1.78 -0.31	19.14 0.34 -14.78	18.94 0.07 -18.09	19.28 -0.22 -21.94	17.78 0.02 -17.67	20.75 1.12 -7.60	23.46 1.88 -0.19	25.95 1.93 -1.50	45.89 3.52 0.00	157.38 10.93 0.00	33.00 2.29 0.00	22.13 1.56 0.00	19.34 1.31 0.00
HILLBURN___GT 23639	22.09 -0.25 -25.94	20.89 -0.11 -22.62	20.71 -0.04 -21.33	20.75 0.27 -16.13	21.04 0.03 -20.55	22.92 0.22 -19.47	22.17 0.54 -13.66	25.75 0.88 -11.77	33.37 2.05 -3.44	24.51 1.57 0.00	26.62 1.76 0.00	22.82 1.67 -0.31	19.07 0.33 -14.73	18.87 0.06 -18.02	19.22 -0.21 -21.86	17.71 0.01 -17.61	20.65 1.05 -7.58	23.29 1.71 -0.19	25.71 1.70 -1.50	45.35 2.98 0.00	155.66 9.20 0.00	32.68 1.97 0.00	21.91 1.34 0.00	19.15 1.12 0.00
HILLSIDE_115KV_TB1 80332	3.61 -0.02 -7.24	4.69 0.00 -6.31	5.37 0.00 -5.95	8.84 -0.02 -4.50	6.20 0.00 -5.74	8.67 0.01 -5.44	11.79 0.00 -3.82	16.41 0.03 -3.29	29.10 0.25 -0.96	23.01 0.07 0.00	25.17 0.30 0.00	21.17 0.24 -0.09	8.15 0.01 -4.12	5.83 0.01 -5.04	3.64 -0.02 -6.10	5.00 0.00 -4.92	14.29 0.15 -2.12	21.61 0.16 -0.05	23.06 0.14 -0.41	42.93 0.56 0.00	148.49 2.04 0.00	30.69 -0.01 0.00	20.56 -0.01 0.00	18.16 0.13 0.00
HISHELDN_WT_PWR 323625	1.57 0.06 -5.12	2.88 0.04 -4.46	3.64 0.02 -4.21	7.35 -0.18 -3.18	4.49 -0.02 -4.05	6.97 -0.10 -3.84	10.36 -0.31 -2.70	14.90 -0.51 -2.33	27.60 -0.97 -0.69	22.43 -0.51 -0.01	24.41 -0.46 -0.01	20.38 -0.53 -0.07	6.78 -0.14 -2.91	4.32 -0.02 -3.56	1.93 0.05 -4.31	3.57 0.01 -3.47	13.08 -0.44 -1.50	20.68 -0.75 -0.05	21.95 -0.86 -0.30	40.82 -1.54 0.00	141.88 -4.57 0.00	29.47 -1.24 0.00	19.78 -0.80 0.00	17.34 -0.70 0.00
HOLTSVILLE_IC_1 23690	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.35 -10.72	23.78 2.19 -0.19	26.37 2.29 -1.57	55.45 4.10 -8.99	236.03 13.32 -76.26	42.41 2.49 -9.22	24.75 1.81 -2.36	19.63 1.59 -0.01
HOLTSVILLE_IC_10 23699	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	43.03 0.30 -39.49	129.91 0.88 -121.06	26.78 1.38 -12.30	34.25 2.76 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.95 2.36 -0.19	26.57 2.50 -1.57	56.37 4.45 -9.55	242.17 14.68 -81.04	43.20 2.70 -9.79	25.02 1.94 -2.51	19.73 1.69 -0.01
HOLTSVILLE_IC_2 23691	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.35 -10.72	23.78 2.19 -0.19	26.37 2.29 -1.57	55.45 4.10 -8.99	236.03 13.32 -76.26	42.41 2.49 -9.22	24.75 1.81 -2.36	19.63 1.59 -0.01
HOLTSVILLE_IC_3 23692	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.35 -10.72	23.78 2.19 -0.19	26.37 2.29 -1.57	55.45 4.10 -8.99	236.03 13.32 -76.26	42.41 2.49 -9.22	24.75 1.81 -2.36	19.63 1.59 -0.01

HOLTSVILLE_IC_4 23693	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.35 -10.72	23.78 2.19 -0.19	26.37 2.29 -1.57	55.45 4.10 -8.99	236.03 13.32 -76.26	42.41 2.49 -9.22	24.75 1.81 -2.36	19.63 1.59 -0.01
HOLTSVILLE_IC_5 23694	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.11 1.35 -10.72	23.78 2.19 -0.19	26.37 2.29 -1.57	55.45 4.10 -8.99	236.03 13.32 -76.26	42.41 2.49 -9.22	24.75 1.81 -2.36	19.63 1.59 -0.01
HOLTSVILLE_IC_6 23695	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	43.03 0.30 -39.49	129.91 0.88 -121.06	26.78 1.38 -12.30	34.25 2.76 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.95 2.36 -0.19	26.57 2.50 -1.57	56.37 4.45 -9.55	242.17 14.68 -81.04	43.20 2.70 -9.79	25.02 1.94 -2.51	19.73 1.69 -0.01
HOLTSVILLE_IC_7 23696	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	43.03 0.30 -39.49	129.91 0.88 -121.06	26.78 1.38 -12.30	34.25 2.76 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.95 2.36 -0.19	26.57 2.50 -1.57	56.37 4.45 -9.55	242.17 14.68 -81.04	43.20 2.70 -9.79	25.02 1.94 -2.51	19.73 1.69 -0.01
HOLTSVILLE_IC_8 23697	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	43.03 0.30 -39.49	129.91 0.88 -121.06	26.78 1.38 -12.30	34.25 2.76 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.95 2.36 -0.19	26.57 2.50 -1.57	56.37 4.45 -9.55	242.17 14.68 -81.04	43.20 2.70 -9.79	25.02 1.94 -2.51	19.73 1.69 -0.01
HOLTSVILLE_IC_9 23698	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	43.03 0.30 -39.49	129.91 0.88 -121.06	26.78 1.38 -12.30	34.25 2.76 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.95 2.36 -0.19	26.57 2.50 -1.57	56.37 4.45 -9.55	242.17 14.68 -81.04	43.20 2.70 -9.79	25.02 1.94 -2.51	19.73 1.69 -0.01
HOMER_HL_115KV_TB2 355744	1.45 -0.08 -5.13	2.83 -0.03 -4.47	3.62 0.00 -4.22	7.56 0.03 -3.19	4.52 0.01 -4.06	7.14 0.06 -3.85	10.79 0.11 -2.70	15.65 0.23 -2.33	29.50 0.92 -0.69	23.95 1.01 -0.01	25.98 1.11 -0.01	21.77 0.86 -0.07	7.02 0.09 -2.92	4.37 0.02 -3.57	1.80 -0.09 -4.32	3.58 0.01 -3.48	13.78 0.25 -1.50	21.80 0.36 -0.05	23.08 0.27 -0.30	43.00 0.63 0.00	149.30 2.85 0.00	30.95 0.25 0.00	20.87 0.30 0.00	18.26 0.23 0.00
HOWARD_WT_PWR 323690	1.89 -0.06 -5.56	3.21 -0.02 -4.85	3.98 -0.01 -4.57	7.82 0.02 -3.46	4.87 0.01 -4.41	7.50 0.10 -4.17	11.09 0.18 -2.93	15.94 0.32 -2.52	29.59 0.96 -0.74	23.96 1.02 0.00	25.94 1.07 0.00	21.67 0.77 -0.07	7.22 0.04 -3.17	4.66 0.01 -3.87	2.23 -0.01 -4.68	3.88 0.01 -3.78	13.72 0.07 -1.62	21.77 0.34 -0.04	23.36 0.53 -0.31	44.09 1.72 0.00	152.74 6.29 0.00	31.67 0.96 0.00	21.33 0.76 0.00	18.76 0.73 0.00
HQ_GEN_CEDARS 23644	-3.54 0.06 0.00	-1.60 0.03 0.00	-0.58 0.01 0.00	4.30 -0.05 0.00	0.45 -0.01 0.00	3.18 -0.05 0.00	7.84 -0.13 0.00	12.85 -0.24 0.00	27.40 -0.49 0.00	22.75 -0.19 0.00	24.61 -0.26 0.00	20.40 -0.44 0.00	3.93 -0.08 0.00	0.76 -0.02 0.00	-1.87 0.06 -0.50	0.35 0.00 -0.26	11.68 -0.34 0.00	20.82 -0.57 0.00	21.95 -0.57 0.00	41.43 -0.93 0.00	143.47 -2.99 0.00	30.31 -0.39 0.00	20.31 -0.27 0.00	17.84 -0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	-3.54 0.06 0.00	-1.60 0.03 0.00	-0.58 0.01 0.00	4.30 -0.05 0.00	0.45 -0.01 0.00	3.39 -0.05 -0.21	6.61 -0.13 1.23	12.85 -0.24 0.00	27.39 -0.50 0.00	22.75 -0.19 0.00	24.60 -0.26 0.00	20.40 -0.44 0.00	3.93 -0.08 0.00	0.76 -0.02 0.00	-1.87 0.06 -0.50	0.35 0.00 -0.26	11.68 -0.35 0.00	20.82 -0.57 0.00	21.95 -0.57 0.00	41.43 -0.93 0.00	143.46 -2.99 0.00	30.32 -0.39 0.00	20.31 -0.27 0.00	17.84 -0.19 0.00
HQ_GEN_IMPORT 323601	-3.55 0.06 0.00	-1.60 0.03 0.00	-0.58 0.01 0.00	4.30 -0.05 0.00	0.45 -0.01 0.00	3.35 -0.05 -0.16	7.33 -0.13 0.52	12.88 -0.21 0.00	26.19 -0.46 1.24	22.66 -0.28 0.00	24.55 -0.31 0.00	20.51 -0.33 0.00	3.95 -0.06 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.85 -0.21 -0.03	21.03 -0.37 0.00	22.12 -0.39 0.00	41.63 -0.73 0.00	143.97 -2.49 0.00	32.67 -0.46 -2.42	20.27 -0.30 0.00	17.78 -0.26 0.00
HQ_GEN_WHEEL 23651	-3.55 0.06 0.00	-1.60 0.03 0.00	-0.58 0.01 0.00	4.30 -0.05 0.00	0.45 -0.01 0.00	3.35 -0.05 -0.16	7.33 -0.13 0.52	12.88 -0.21 0.00	26.19 -0.46 1.24	22.66 -0.28 0.00	24.55 -0.31 0.00	20.51 -0.33 0.00	3.95 -0.06 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.85 -0.21 -0.03	21.03 -0.37 0.00	22.12 -0.39 0.00	41.63 -0.73 0.00	143.97 -2.49 0.00	32.67 -0.46 -2.42	20.27 -0.30 0.00	17.78 -0.26 0.00
HUDSON_AVE_GT_3 23810	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.69 2.21 -3.59	24.64 1.70 0.00	26.79 1.93 0.00	22.98 1.83 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.47 1.89 -0.19	25.94 1.86 -1.56	45.48 3.12 0.00	156.33 9.88 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.25 1.22 0.00
HUDSON_AVE_GT_4 23540	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.69 2.21 -3.59	24.64 1.70 0.00	26.79 1.93 0.00	22.98 1.83 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.47 1.89 -0.19	25.94 1.86 -1.56	45.48 3.12 0.00	156.33 9.88 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.25 1.22 0.00
HUDSON_AVE_GT_5 23657	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.69 2.21 -3.59	24.64 1.70 0.00	26.79 1.93 0.00	22.98 1.83 -0.32	19.77 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.47 1.89 -0.19	25.94 1.86 -1.56	45.48 3.12 0.00	156.33 9.88 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.25 1.22 0.00

HUDSON_AVE_10 24168	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.32 0.93 -12.30	33.60 2.12 -3.59	24.57 1.63 0.00	26.70 1.83 0.00	22.90 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.21 -22.85	18.50 0.01 -18.41	21.04 1.09 -7.92	23.39 1.80 -0.19	25.84 1.77 -1.56	45.31 2.95 0.00	155.68 9.23 0.00	32.66 1.96 0.00	21.96 1.38 0.00	19.20 1.17 0.00
HUDSON___115KV_TB 4 355613	27.98 -0.20 -31.79	26.01 -0.09 -27.72	25.52 -0.03 -26.14	24.35 0.24 -19.76	25.66 0.02 -25.18	27.26 0.17 -23.86	25.16 0.45 -16.73	28.25 0.74 -14.41	33.57 1.47 -4.21	23.88 0.93 0.00	25.80 0.94 0.00	22.11 0.89 -0.38	22.23 0.17 -18.04	22.89 0.03 -22.07	24.24 -0.10 -26.77	21.66 0.00 -21.57	21.82 0.51 -9.28	22.65 1.03 -0.23	25.54 1.19 -1.84	44.75 2.38 0.00	154.93 8.48 0.00	32.53 1.83 0.00	21.75 1.18 0.00	19.05 1.02 0.00
HUNTER MOUNT___DRP 323613	27.05 -0.20 -30.86	25.20 -0.09 -26.91	24.76 -0.03 -25.38	23.78 0.24 -19.19	24.93 0.02 -24.45	26.57 0.18 -23.16	24.69 0.47 -16.24	27.85 0.77 -13.99	33.46 1.48 -4.09	23.85 0.91 0.00	25.74 0.88 0.00	22.04 0.84 -0.36	21.68 0.16 -17.51	22.24 0.03 -21.43	23.46 -0.09 -25.99	21.03 0.00 -20.93	21.51 0.48 -9.01	22.64 1.03 -0.22	25.50 1.21 -1.78	44.86 2.50 0.00	155.61 9.16 0.00	32.67 1.96 0.00	21.83 1.25 0.00	19.11 1.08 0.00
HUNTINGTON_RES_REC 323705	24.59 -0.35 -28.55	26.03 -0.15 -27.81	27.22 -0.06 -27.86	21.59 0.38 -16.86	21.98 0.04 -21.49	10.40 0.27 -6.89	-52.08 0.80 60.85	26.61 1.22 -12.30	33.90 2.43 -3.59	24.86 1.92 0.00	26.97 2.11 0.00	23.02 1.87 -0.32	19.79 0.38 -15.40	19.69 0.07 -18.84	20.18 -0.23 -22.85	36.89 -0.01 -36.81	24.08 1.33 -10.72	23.73 2.14 -0.19	26.31 2.24 -1.57	39.69 4.05 6.72	102.81 13.38 57.02	26.27 2.45 6.89	20.56 1.75 1.76	19.53 1.50 0.01
HUNTLEY___63 23557	0.89 0.06 -4.44	2.29 0.04 -3.87	3.08 0.02 -3.65	6.90 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.14 -3.33	9.91 -0.40 -2.34	14.43 -0.68 -2.02	27.19 -1.29 -0.59	22.21 -0.73 0.00	24.10 -0.77 0.00	20.09 -0.81 -0.05	6.34 -0.20 -2.53	3.84 -0.04 -3.09	1.38 0.07 -3.74	3.11 0.01 -3.01	12.73 -0.59 -1.30	20.34 -1.09 -0.03	21.51 -1.25 -0.25	40.02 -2.34 0.00	139.27 -7.18 0.00	28.98 -1.73 0.00	19.45 -1.13 0.00	17.01 -1.02 0.00
HUNTLEY___64 23558	0.89 0.06 -4.44	2.29 0.04 -3.87	3.08 0.02 -3.65	6.90 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.14 -3.33	9.91 -0.40 -2.34	14.43 -0.68 -2.02	27.19 -1.29 -0.59	22.21 -0.73 0.00	24.10 -0.77 0.00	20.09 -0.81 -0.05	6.34 -0.20 -2.53	3.84 -0.04 -3.09	1.38 0.07 -3.74	3.11 0.01 -3.01	12.73 -0.59 -1.30	20.34 -1.09 -0.03	21.51 -1.25 -0.25	40.02 -2.34 0.00	139.27 -7.18 0.00	28.98 -1.73 0.00	19.45 -1.13 0.00	17.01 -1.02 0.00
HUNTLEY___65 23559	0.89 0.06 -4.44	2.29 0.04 -3.87	3.08 0.02 -3.65	6.90 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.14 -3.33	9.91 -0.40 -2.34	14.43 -0.68 -2.02	27.19 -1.29 -0.59	22.21 -0.73 0.00	24.10 -0.77 0.00	20.09 -0.81 -0.05	6.34 -0.20 -2.53	3.84 -0.04 -3.09	1.38 0.07 -3.74	3.11 0.01 -3.01	12.73 -0.59 -1.30	20.34 -1.09 -0.03	21.51 -1.25 -0.25	40.02 -2.34 0.00	139.27 -7.18 0.00	28.98 -1.73 0.00	19.45 -1.13 0.00	17.01 -1.02 0.00
HUNTLEY___66 23560	0.89 0.06 -4.44	2.29 0.04 -3.87	3.08 0.02 -3.65	6.90 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.14 -3.33	9.91 -0.40 -2.34	14.43 -0.68 -2.02	27.19 -1.29 -0.59	22.21 -0.73 0.00	24.10 -0.77 0.00	20.09 -0.81 -0.05	6.34 -0.20 -2.53	3.84 -0.04 -3.09	1.38 0.07 -3.74	3.11 0.01 -3.01	12.73 -0.59 -1.30	20.34 -1.09 -0.03	21.51 -1.25 -0.25	40.02 -2.34 0.00	139.27 -7.18 0.00	28.98 -1.73 0.00	19.45 -1.13 0.00	17.01 -1.02 0.00
HUNTLEY___67 23561	0.97 0.07 -4.51	2.35 0.04 -3.93	3.14 0.02 -3.71	6.93 -0.21 -2.80	4.01 -0.02 -3.57	6.48 -0.13 -3.39	9.95 -0.40 -2.38	14.48 -0.67 -2.05	27.22 -1.28 -0.62	22.21 -0.75 -0.01	24.10 -0.78 -0.01	20.11 -0.81 -0.07	6.39 -0.20 -2.57	3.89 -0.03 -3.14	1.44 0.07 -3.80	3.16 0.01 -3.06	12.76 -0.59 -1.32	20.37 -1.08 -0.05	21.55 -1.23 -0.27	40.00 -2.37 0.00	139.21 -7.24 0.00	28.93 -1.77 0.00	19.42 -1.15 0.00	17.00 -1.03 0.00
HUNTLEY___68 23562	0.97 0.07 -4.51	2.35 0.04 -3.93	3.14 0.02 -3.71	6.93 -0.21 -2.80	4.01 -0.02 -3.57	6.48 -0.13 -3.39	9.95 -0.40 -2.38	14.48 -0.67 -2.05	27.22 -1.28 -0.62	22.21 -0.75 -0.01	24.10 -0.78 -0.01	20.11 -0.81 -0.07	6.39 -0.20 -2.57	3.89 -0.03 -3.14	1.44 0.07 -3.80	3.16 0.01 -3.06	12.76 -0.59 -1.32	20.37 -1.08 -0.05	21.55 -1.23 -0.27	40.00 -2.37 0.00	139.21 -7.24 0.00	28.93 -1.77 0.00	19.42 -1.15 0.00	17.00 -1.03 0.00
HYLAND___LFGE 323620	0.81 -0.16 -4.57	2.32 -0.05 -3.99	3.16 -0.02 -3.76	7.26 0.07 -2.84	4.09 0.01 -3.62	6.79 0.13 -3.43	10.74 0.36 -2.41	15.73 0.56 -2.07	29.60 1.10 -0.61	23.64 0.70 0.00	25.44 0.57 0.00	21.18 0.29 -0.05	6.60 -0.02 -2.60	3.96 0.00 -3.19	1.42 0.00 -3.85	3.20 0.01 -3.10	13.30 -0.06 -1.33	21.52 0.09 -0.03	23.01 0.24 -0.26	43.65 1.28 0.00	153.66 7.21 0.00	32.13 1.43 0.00	21.48 0.90 0.00	18.76 0.73 0.00
INDECK___CORINTH 23802	30.28 -0.09 -33.98	27.97 -0.03 -29.63	27.34 -0.01 -27.94	25.53 0.08 -21.11	27.36 0.01 -26.90	28.80 0.07 -25.49	26.13 0.24 -17.90	28.93 0.42 -15.42	33.07 0.68 -4.50	23.14 0.20 0.00	25.11 0.24 0.00	21.53 0.29 -0.40	23.40 0.07 -19.32	24.43 0.01 -23.64	26.21 -0.03 -28.67	23.18 -0.01 -23.10	22.23 0.27 -9.94	22.22 0.58 -0.24	25.20 0.72 -1.96	43.65 1.28 0.00	151.24 4.79 0.00	31.69 0.98 0.00	21.15 0.58 0.00	18.50 0.47 0.00
INDECK___ILION 23567	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.03 0.05 0.00	13.18 0.08 0.00	28.00 0.12 0.00	22.84 -0.10 0.00	24.74 -0.12 0.00	20.80 -0.04 0.00	4.01 -0.01 0.00	0.78 0.00 0.00	-2.43 0.01 0.00	0.09 0.00 0.00	12.00 -0.03 0.00	21.39 -0.01 0.00	22.58 0.06 0.00	42.72 0.35 0.00	147.70 1.25 0.00	31.01 0.30 0.00	20.74 0.16 0.00	18.16 0.13 0.00
INDECK___OLEAN 23982	1.45 -0.07 -5.13	2.83 -0.02 -4.47	3.62 0.00 -4.22	7.56 0.03 -3.19	4.52 0.01 -4.06	7.14 0.06 -3.85	10.79 0.12 -2.70	15.65 0.23 -2.33	29.48 0.90 -0.69	23.95 1.00 -0.01	25.97 1.11 -0.01	21.76 0.85 -0.07	7.03 0.09 -2.92	4.38 0.02 -3.57	1.80 -0.09 -4.32	3.59 0.02 -3.48	13.75 0.23 -1.50	21.80 0.37 -0.05	23.06 0.25 -0.30	43.01 0.64 0.00	149.23 2.78 0.00	30.96 0.26 0.00	20.87 0.30 0.00	18.26 0.23 0.00
INDECK___OSWEGO 23783	-1.08 0.12 -2.42	0.54 0.06 -2.11	1.42 0.02 -1.98	5.68 -0.17 -1.50	2.35 -0.02 -1.91	4.93 -0.11 -1.81	8.98 -0.27 -1.27	13.74 -0.45 -1.10	27.28 -0.93 -0.32	22.21 -0.73 0.00	24.06 -0.80 0.00	20.13 -0.73 -0.03	5.24 -0.16 -1.38	2.43 -0.03 -1.68	-0.31 0.09 -2.03	1.73 0.00 -1.64	12.27 -0.46 -0.70	20.70 -0.71 -0.02	22.00 -0.66 -0.15	41.23 -1.13 0.00	142.80 -3.66 0.00	29.88 -0.83 0.00	19.99 -0.59 0.00	17.51 -0.52 0.00

INDECK___YERKES 23781	0.89 0.06 -4.44	2.30 0.04 -3.87	3.08 0.02 -3.65	6.91 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.13 -3.33	9.92 -0.39 -2.34	14.44 -0.67 -2.02	27.21 -1.27 -0.59	22.23 -0.71 0.00	24.12 -0.74 0.00	20.11 -0.79 -0.05	6.35 -0.19 -2.53	3.84 -0.03 -3.09	1.38 0.07 -3.74	3.12 0.02 -3.01	12.72 -0.61 -1.30	20.37 -1.06 -0.03	21.52 -1.25 -0.25	40.07 -2.29 0.00	139.40 -7.06 0.00	29.02 -1.69 0.00	19.47 -1.11 0.00	17.04 -1.00 0.00
INDIAN POINT_GT_1 24139	23.03 -0.24 -26.89	21.72 -0.11 -23.44	21.48 -0.04 -22.11	21.32 0.26 -16.71	21.78 0.03 -21.30	23.62 0.21 -20.18	22.67 0.54 -14.15	26.17 0.88 -12.19	33.43 1.98 -3.56	24.43 1.49 0.00	26.53 1.67 0.00	22.75 1.60 -0.32	19.60 0.32 -15.27	19.52 0.06 -18.68	20.02 -0.20 -22.65	18.34 0.00 -18.25	20.90 1.02 -7.85	23.27 1.69 -0.19	25.75 1.68 -1.55	45.24 2.87 0.00	155.59 9.14 0.00	32.58 1.88 0.00	21.87 1.30 0.00	19.12 1.09 0.00
INDIAN POINT_GT_2 23659	23.03 -0.24 -26.89	21.72 -0.11 -23.44	21.48 -0.04 -22.11	21.32 0.26 -16.71	21.78 0.03 -21.30	23.62 0.21 -20.18	22.67 0.54 -14.15	26.17 0.88 -12.19	33.43 1.98 -3.56	24.43 1.49 0.00	26.53 1.67 0.00	22.75 1.60 -0.32	19.60 0.32 -15.27	19.52 0.06 -18.68	20.02 -0.20 -22.65	18.34 0.00 -18.25	20.90 1.02 -7.85	23.27 1.69 -0.19	25.75 1.68 -1.55	45.24 2.87 0.00	155.59 9.14 0.00	32.58 1.88 0.00	21.87 1.30 0.00	19.12 1.09 0.00
INDIAN POINT_GT_3 24019	23.03 -0.24 -26.89	21.72 -0.11 -23.44	21.48 -0.04 -22.11	21.32 0.26 -16.71	21.78 0.03 -21.30	23.62 0.21 -20.18	22.67 0.54 -14.15	26.17 0.88 -12.19	33.43 1.98 -3.56	24.43 1.49 0.00	26.53 1.67 0.00	22.75 1.60 -0.32	19.60 0.32 -15.27	19.52 0.06 -18.68	20.02 -0.20 -22.65	18.34 0.00 -18.25	20.90 1.02 -7.85	23.27 1.69 -0.19	25.75 1.68 -1.55	45.24 2.87 0.00	155.59 9.14 0.00	32.58 1.88 0.00	21.87 1.30 0.00	19.12 1.09 0.00
INDIAN POINT___2 23530	22.72 -0.24 -26.58	21.44 -0.11 -23.17	21.23 -0.04 -21.85	21.13 0.26 -16.52	21.54 0.03 -21.06	23.39 0.21 -19.95	22.51 0.54 -13.99	26.03 0.88 -12.05	33.40 1.99 -3.52	24.43 1.49 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.42 0.32 -15.09	19.30 0.06 -18.46	19.76 -0.20 -22.39	18.13 0.01 -18.04	20.82 1.03 -7.76	23.28 1.69 -0.19	25.73 1.68 -1.53	45.24 2.87 0.00	155.59 9.14 0.00	32.58 1.87 0.00	21.87 1.29 0.00	19.12 1.09 0.00
INDIAN POINT___3 23531	23.05 -0.24 -26.90	21.73 -0.11 -23.45	21.49 -0.04 -22.12	21.33 0.26 -16.72	21.79 0.03 -21.31	23.63 0.20 -20.19	22.67 0.54 -14.16	26.17 0.88 -12.20	33.41 1.96 -3.56	24.42 1.48 0.00	26.52 1.66 0.00	22.74 1.59 -0.32	19.60 0.31 -15.27	19.53 0.06 -18.69	20.03 -0.20 -22.66	18.35 0.01 -18.26	20.89 1.00 -7.86	23.26 1.67 -0.19	25.73 1.66 -1.55	45.22 2.85 0.00	155.49 9.05 0.00	32.56 1.86 0.00	21.85 1.28 0.00	19.12 1.09 0.00
INGHAM_C_115KV_TB7 356103	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.37 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.07 0.00	13.20 0.11 0.00	27.97 0.08 0.00	22.57 -0.37 0.00	24.43 -0.43 0.00	20.61 -0.23 0.00	3.98 -0.03 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.88 -0.15 0.00	21.23 -0.16 0.00	22.46 -0.05 0.00	42.78 0.42 0.00	147.96 1.51 0.00	31.17 0.46 0.00	20.80 0.22 0.00	18.21 0.18 0.00
IP CORINTH___1 23988	30.26 -0.11 -33.98	27.97 -0.04 -29.63	27.33 -0.01 -27.94	25.56 0.10 -21.11	27.37 0.01 -26.90	28.81 0.09 -25.49	26.17 0.29 -17.90	29.00 0.49 -15.42	33.23 0.83 -4.50	23.27 0.33 0.00	25.25 0.38 0.00	21.65 0.41 -0.40	23.42 0.09 -19.32	24.44 0.02 -23.64	26.20 -0.04 -28.67	23.18 -0.01 -23.10	22.29 0.32 -9.94	22.35 0.71 -0.24	25.33 0.85 -1.96	43.89 1.53 0.00	152.00 5.55 0.00	31.86 1.15 0.00	21.26 0.69 0.00	18.60 0.57 0.00
IP___TICONDEROGA 23804	30.00 -0.33 -33.93	27.82 -0.14 -29.59	27.26 -0.05 -27.90	25.77 0.35 -21.07	27.35 0.04 -26.85	28.97 0.30 -25.44	26.66 0.81 -17.87	29.85 1.36 -15.40	34.94 2.55 -4.50	24.42 1.48 0.00	26.66 1.80 0.00	22.82 1.58 -0.40	23.63 0.32 -19.29	24.45 0.06 -23.61	26.04 -0.16 -28.64	23.14 -0.02 -23.07	22.99 1.04 -9.92	23.68 2.04 -0.24	26.82 2.34 -1.96	46.63 4.27 0.00	161.35 14.89 0.00	34.01 3.30 0.00	22.62 2.05 0.00	19.79 1.76 0.00
ISLIP_RES_REC 323679	24.53 -0.41 -28.55	26.01 -0.18 -27.81	27.21 -0.06 -27.86	21.65 0.44 -16.86	21.99 0.04 -21.49	41.33 0.32 -37.78	120.41 0.93 -111.51	26.86 1.46 -12.30	34.40 2.92 -3.60	25.23 2.30 0.00	27.36 2.49 0.00	23.30 2.15 -0.32	19.84 0.43 -15.40	19.70 0.08 -18.84	20.15 -0.26 -22.85	36.89 -0.01 -36.81	24.27 1.52 -10.72	24.11 2.52 -0.19	26.74 2.67 -1.57	55.81 4.75 -8.70	236.04 15.79 -73.79	42.52 2.89 -8.92	24.92 2.06 -2.28	19.82 1.78 -0.01
JAMAICA__27_KV_LOAD 355505	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.50 0.30 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.89 0.64 -14.28	26.42 1.03 -12.30	33.78 2.30 -3.59	24.70 1.77 0.00	26.80 1.94 0.00	22.98 1.82 -0.32	19.76 0.36 -15.39	19.68 0.07 -18.84	20.18 -0.22 -22.85	18.50 0.01 -18.41	21.09 1.14 -7.92	23.49 1.91 -0.19	25.93 1.86 -1.56	45.50 3.14 0.00	156.46 10.01 0.00	32.81 2.11 0.00	22.07 1.50 0.00	19.29 1.26 0.00
JANIS___SOLAR 323808	3.63 -0.13 -7.37	4.75 -0.06 -6.43	5.46 -0.02 -6.06	9.05 0.12 -4.58	6.31 0.02 -5.84	8.90 0.13 -5.53	12.21 0.36 -3.88	17.03 0.60 -3.34	30.08 1.22 -0.98	23.78 0.84 0.00	25.54 0.68 0.00	21.29 0.37 -0.09	8.24 0.04 -4.19	5.92 0.01 -5.13	3.75 -0.03 -6.21	5.10 0.00 -5.00	14.31 0.13 -2.15	21.92 0.47 -0.05	23.69 0.77 -0.41	44.43 2.07 0.00	153.99 7.54 0.00	32.22 1.52 0.00	21.49 0.91 0.00	18.81 0.78 0.00
JARVIS____ 23743	-3.61 0.00 0.00	-1.62 0.00 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.46 0.00 0.00	3.23 0.00 0.00	7.99 0.02 0.00	13.12 0.03 0.00	27.92 0.03 0.00	22.93 -0.01 0.00	24.85 -0.01 0.00	20.84 0.00 0.00	4.01 0.00 0.00	0.78 0.00 0.00	-2.44 0.00 0.00	0.09 0.00 0.00	12.03 0.00 0.00	21.42 0.02 0.00	22.56 0.04 0.00	42.45 0.09 0.00	146.77 0.32 0.00	30.77 0.07 0.00	20.61 0.04 0.00	18.07 0.04 0.00
JENNISON___1 23625	5.36 -0.16 -9.13	6.27 -0.07 -7.96	6.89 -0.02 -7.50	10.18 0.16 -5.67	7.71 0.02 -7.23	10.24 0.16 -6.85	13.20 0.41 -4.81	17.94 0.70 -4.14	30.66 1.56 -1.21	24.09 1.16 0.00	26.04 1.18 0.00	21.83 0.88 -0.11	9.35 0.14 -5.19	7.16 0.03 -6.35	5.17 -0.09 -7.69	6.29 0.00 -6.20	15.15 0.46 -2.67	22.39 0.93 -0.07	24.18 1.15 -0.52	44.91 2.54 0.00	155.35 8.90 0.00	32.42 1.71 0.00	21.64 1.06 0.00	18.97 0.93 0.00
JENNISON___2 23626	5.36 -0.16 -9.13	6.27 -0.07 -7.96	6.89 -0.02 -7.50	10.18 0.16 -5.67	7.71 0.02 -7.23	10.24 0.16 -6.85	13.20 0.41 -4.81	17.94 0.70 -4.14	30.66 1.56 -1.21	24.09 1.16 0.00	26.04 1.18 0.00	21.83 0.88 -0.11	9.35 0.14 -5.19	7.16 0.03 -6.35	5.17 -0.09 -7.69	6.29 0.00 -6.20	15.15 0.46 -2.67	22.39 0.93 -0.07	24.18 1.15 -0.52	44.91 2.54 0.00	155.35 8.90 0.00	32.42 1.71 0.00	21.64 1.06 0.00	18.97 0.93 0.00

JERICO_RISE_WT_PWR 323719	-3.55 0.05 0.00	-1.59 0.03 0.00	-0.58 0.00 0.00	4.32 -0.03 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.94 -0.03 0.00	12.95 -0.14 0.00	27.27 -0.62 0.00	22.34 -0.60 0.00	24.34 -0.52 0.00	20.10 -0.74 0.00	3.87 -0.14 0.00	0.76 -0.03 0.00	-8.82 0.15 6.54	-3.35 -0.02 3.43	11.39 -0.63 0.00	20.47 -0.92 0.00	21.82 -0.69 0.00	41.74 -0.63 0.00	145.88 -0.57 0.00	30.55 -0.15 0.00	20.43 -0.14 0.00	17.91 -0.12 0.00
KATONAH__115KV_46KV_TB4 355592	23.49 -0.27 -27.37	22.13 -0.12 -23.87	21.88 -0.04 -22.51	21.66 0.29 -17.02	22.17 0.03 -21.69	24.01 0.24 -20.55	23.02 0.63 -14.41	26.55 1.04 -12.42	33.82 2.31 -3.63	24.61 1.67 0.00	26.65 1.79 0.00	22.83 1.67 -0.32	19.90 0.33 -15.55	19.87 0.06 -19.03	20.44 -0.21 -23.08	18.69 0.00 -18.59	21.08 1.05 -8.00	23.37 1.78 -0.20	25.89 1.80 -1.58	45.46 3.10 0.00	156.37 9.92 0.00	32.74 2.03 0.00	21.97 1.40 0.00	19.21 1.18 0.00
KCE_NY_1 323755	30.08 -0.18 -33.87	27.84 -0.07 -29.53	27.24 -0.03 -27.86	25.67 0.20 -21.12	27.39 0.02 -26.91	28.90 0.16 -25.50	26.33 0.44 -17.91	29.23 0.71 -15.43	33.77 1.37 -4.51	23.72 0.78 0.00	25.72 0.86 0.00	22.06 0.82 -0.40	23.44 0.17 -19.26	24.37 0.03 -23.56	26.05 -0.09 -28.58	23.11 0.00 -23.02	22.47 0.54 -9.90	22.70 1.06 -0.24	25.62 1.15 -1.96	44.51 2.15 0.00	154.16 7.71 0.00	32.30 1.60 0.00	21.57 0.99 0.00	18.88 0.85 0.00
KCE_NY_6_ESR 323823	1.11 0.03 -4.69	2.50 0.03 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.27 -2.47	14.77 -0.45 -2.13	27.73 -0.79 -0.63	22.61 -0.33 -0.01	24.57 -0.31 -0.01	20.48 -0.42 -0.06	6.56 -0.12 -2.67	4.02 -0.02 -3.26	1.54 0.03 -3.95	3.28 0.02 -3.18	13.00 -0.40 -1.37	20.74 -0.70 -0.04	21.95 -0.84 -0.27	40.84 -1.53 0.00	141.97 -4.48 0.00	29.54 -1.17 0.00	19.82 -0.76 0.00	17.34 -0.69 0.00
KEDC_PORT_JEFF_GT2 24210	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	45.33 0.30 -41.80	142.80 0.86 -133.97	26.74 1.34 -12.31	34.18 2.70 -3.60	25.05 2.12 0.00	27.18 2.32 0.00	23.17 2.01 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.16 1.41 -10.72	23.89 2.30 -0.19	26.50 2.43 -1.57	57.40 4.33 -10.70	251.48 14.20 -90.83	44.33 2.65 -10.98	25.29 1.91 -2.81	19.70 1.66 -0.01
KEDC_PORT_JEFF_GT3 24211	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	45.33 0.30 -41.80	142.80 0.86 -133.97	26.74 1.34 -12.31	34.18 2.70 -3.60	25.05 2.12 0.00	27.18 2.32 0.00	23.17 2.01 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.16 1.41 -10.72	23.89 2.30 -0.19	26.50 2.43 -1.57	57.40 4.33 -10.70	251.48 14.20 -90.83	44.33 2.65 -10.98	25.29 1.91 -2.81	19.70 1.66 -0.01
KEDC_GLWD_GT4 24219	24.64 -0.30 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.84 0.25 -20.36	22.92 0.67 -14.28	26.46 1.06 -12.30	33.69 2.21 -3.59	24.75 1.82 0.00	26.95 2.09 0.00	23.07 1.91 -0.32	19.79 0.38 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	23.99 1.23 -10.72	19.34 1.85 3.91	21.36 1.85 3.01	44.35 3.25 1.27	151.77 10.25 4.93	32.94 2.24 0.00	22.16 1.58 0.00	19.38 1.35 0.00
KEDC_GLWD_GT5 24220	24.64 -0.30 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.54 0.33 -16.86	21.97 0.03 -21.49	23.84 0.25 -20.36	22.92 0.67 -14.28	26.46 1.06 -12.30	33.69 2.21 -3.59	24.75 1.82 0.00	26.95 2.09 0.00	23.07 1.91 -0.32	19.79 0.38 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	23.99 1.23 -10.72	19.34 1.85 3.91	21.36 1.85 3.01	44.35 3.25 1.27	151.77 10.25 4.93	32.94 2.24 0.00	22.16 1.58 0.00	19.38 1.35 0.00
KENSICO____ 23655	23.21 -0.25 -27.07	21.87 -0.11 -23.60	21.63 -0.04 -22.26	21.44 0.27 -16.83	21.93 0.03 -21.45	23.76 0.21 -20.32	22.78 0.55 -14.25	26.27 0.90 -12.28	33.50 2.03 -3.59	24.48 1.54 0.00	26.60 1.73 0.00	22.80 1.64 -0.32	19.71 0.32 -15.37	19.65 0.06 -18.81	20.17 -0.20 -22.81	18.47 0.01 -18.37	20.97 1.04 -7.91	23.32 1.73 -0.19	25.80 1.72 -1.56	45.31 2.94 0.00	155.79 9.34 0.00	32.63 1.93 0.00	21.91 1.34 0.00	19.17 1.13 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.63 -0.26 -24.50	19.61 -0.12 -21.36	19.51 -0.04 -20.14	19.88 0.31 -15.23	19.89 0.04 -19.41	21.87 0.25 -18.39	21.49 0.62 -12.90	25.22 1.01 -11.11	33.43 2.30 -3.24	24.67 1.73 0.00	26.78 1.92 0.00	22.90 1.77 -0.29	18.27 0.34 -13.91	17.86 0.07 -17.02	17.98 -0.22 -20.64	16.73 0.01 -16.62	20.28 1.10 -7.15	23.44 1.86 -0.18	25.87 1.94 -1.41	45.92 3.55 0.00	157.67 11.22 0.00	33.06 2.36 0.00	22.16 1.59 0.00	19.37 1.34 0.00
KIAC_JFK_GT1 23816	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.29 0.90 -12.30	33.50 2.01 -3.59	24.48 1.54 0.00	26.61 1.75 0.00	22.83 1.67 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.49 0.00 -18.41	21.01 1.07 -7.92	23.30 1.72 -0.19	25.71 1.64 -1.56	45.03 2.66 0.00	154.96 8.51 0.00	32.56 1.86 0.00	21.92 1.34 0.00	19.16 1.13 0.00
KIAC_JFK_GT2 23817	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.29 0.90 -12.30	33.50 2.01 -3.59	24.48 1.54 0.00	26.61 1.75 0.00	22.83 1.67 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.49 0.00 -18.41	21.01 1.07 -7.92	23.30 1.72 -0.19	25.71 1.64 -1.56	45.03 2.66 0.00	154.96 8.51 0.00	32.56 1.86 0.00	21.92 1.34 0.00	19.16 1.13 0.00
KIAC_JFK____ 323774	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.29 0.90 -12.30	33.50 2.01 -3.59	24.48 1.54 0.00	26.61 1.75 0.00	22.83 1.67 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.49 0.00 -18.41	21.01 1.07 -7.92	23.30 1.72 -0.19	25.71 1.64 -1.56	45.03 2.66 0.00	154.96 8.51 0.00	32.56 1.86 0.00	21.92 1.34 0.00	19.16 1.13 0.00
KINTIGH____ 23543	0.42 0.08 -3.95	1.87 0.04 -3.45	2.68 0.02 -3.25	6.60 -0.21 -2.46	3.56 -0.02 -3.13	6.07 -0.13 -2.97	9.69 -0.37 -2.08	14.27 -0.61 -1.79	27.22 -1.19 -0.52	22.21 -0.73 0.00	24.08 -0.78 0.00	20.09 -0.79 -0.05	6.08 -0.19 -2.25	3.50 -0.03 -2.75	0.97 0.08 -3.33	2.77 0.00 -2.68	12.62 -0.56 -1.15	20.39 -1.03 -0.03	21.58 -1.15 -0.22	40.13 -2.24 0.00	139.43 -7.02 0.00	29.01 -1.69 0.00	19.48 -1.09 0.00	17.05 -0.98 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.05 0.07 0.00	13.13 0.03 0.00	27.58 -0.31 0.00	22.59 -0.35 0.00	24.59 -0.27 0.00	20.32 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.51 0.13 6.20	-3.17 -0.01 3.25	11.48 -0.54 0.00	20.66 -0.74 0.00	22.10 -0.41 0.00	42.32 -0.05 0.00	148.07 1.62 0.00	31.00 0.29 0.00	20.69 0.12 0.00	18.13 0.10 0.00

LACHUTE____HYDRO 323717	30.00 -0.33 -33.93	27.82 -0.15 -29.59	27.26 -0.05 -27.90	25.77 0.35 -21.07	27.35 0.04 -26.85	28.97 0.30 -25.44	26.66 0.81 -17.87	29.85 1.36 -15.40	34.94 2.56 -4.50	24.42 1.48 0.00	26.66 1.80 0.00	22.82 1.58 -0.40	23.63 0.32 -19.29	24.45 0.06 -23.61	26.04 -0.16 -28.64	23.14 -0.02 -23.07	23.00 1.05 -9.92	23.68 2.04 -0.24	26.82 2.34 -1.96	46.63 4.27 0.00	161.42 14.97 0.00	34.00 3.30 0.00	22.62 2.05 0.00	19.79 1.76 0.00
LAWRNCAV_115KV_TB1 80681	-3.53 0.08 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.28 -0.07 0.00	0.45 -0.01 0.00	3.16 -0.07 0.00	7.79 -0.18 0.00	12.76 -0.33 0.00	27.19 -0.70 0.00	22.74 -0.20 0.00	24.56 -0.30 0.00	20.16 -0.68 0.00	3.89 -0.13 0.00	0.76 -0.02 0.00	-1.37 0.10 -0.96	0.59 0.00 -0.51	11.44 -0.58 0.00	20.44 -0.96 0.00	21.60 -0.91 0.00	40.93 -1.43 0.00	141.99 -4.46 0.00	30.20 -0.50 0.00	20.21 -0.37 0.00	17.82 -0.21 0.00
LEDERLE____ 23769	22.35 -0.26 -26.22	21.13 -0.12 -22.86	20.93 -0.04 -21.56	20.93 0.28 -16.30	21.26 0.03 -20.77	23.14 0.22 -19.68	22.36 0.58 -13.81	25.94 0.95 -11.89	33.50 2.14 -3.47	24.57 1.63 0.00	26.69 1.83 0.00	22.87 1.73 -0.31	19.24 0.34 -14.89	19.06 0.07 -18.21	19.44 -0.21 -22.09	17.89 0.01 -17.80	20.78 1.09 -7.66	23.40 1.81 -0.19	25.85 1.82 -1.51	45.51 3.14 0.00	156.45 10.00 0.00	32.76 2.05 0.00	21.97 1.40 0.00	19.20 1.17 0.00
LIGHTHSE_115KV_TB6 355974	-1.26 0.07 -2.28	0.41 0.04 -1.98	1.30 0.01 -1.87	5.65 -0.11 -1.42	2.25 -0.01 -1.80	4.88 -0.06 -1.71	9.03 -0.14 -1.20	13.85 -0.28 -1.04	27.59 -0.61 -0.31	22.59 -0.35 0.00	24.42 -0.44 0.00	20.32 -0.54 -0.03	5.19 -0.14 -1.31	2.36 -0.03 -1.60	-0.31 0.08 -2.04	1.70 0.00 -1.61	12.27 -0.42 -0.67	20.76 -0.65 -0.02	22.10 -0.55 -0.13	41.64 -0.72 0.00	144.70 -1.75 0.00	30.36 -0.34 0.00	20.28 -0.29 0.00	17.81 -0.23 0.00
LINDEN COGEN____ 23786	23.26 -0.24 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.46 0.25 -16.86	21.96 0.03 -21.48	23.78 0.20 -20.35	22.78 0.53 -14.28	26.25 0.86 -12.30	33.51 2.03 -3.59	24.47 1.53 0.00	26.62 1.76 0.00	22.84 1.68 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.01 1.06 -7.92	23.28 1.69 -0.19	25.74 1.66 -1.56	45.14 2.78 0.00	155.14 8.69 0.00	32.56 1.86 0.00	21.89 1.31 0.00	19.13 1.10 0.00
LINDHRST_69_KV_BK1 356055	24.57 -0.37 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	25.44 0.29 -21.92	31.77 0.81 -22.99	26.67 1.28 -12.30	34.11 2.62 -3.59	25.03 2.10 0.00	27.18 2.32 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.16 -0.26 -22.85	36.90 0.00 -36.81	24.12 1.37 -10.72	19.71 2.27 3.95	21.81 2.35 3.05	46.09 4.23 0.50	161.67 13.58 -1.63	34.16 2.66 -0.79	22.66 1.88 -0.20	19.67 1.64 0.00
LIPA_MISC_IPP 23656	24.56 -0.38 -28.55	26.03 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	42.12 0.30 -38.59	124.83 0.85 -116.00	26.74 1.34 -12.30	34.12 2.64 -3.60	25.03 2.09 0.00	27.13 2.27 0.00	23.13 1.97 -0.32	19.80 0.39 -15.40	19.70 0.07 -18.84	20.18 -0.24 -22.85	36.90 0.00 -36.81	24.10 1.35 -10.72	23.87 2.28 -0.19	26.50 2.42 -1.57	55.80 4.34 -9.10	237.80 14.15 -77.19	42.68 2.64 -9.33	24.88 1.91 -2.39	19.72 1.68 -0.01
LISF____SOLAR 323691	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.43 -16.86	21.98 0.04 -21.49	42.33 0.31 -38.80	126.01 0.86 -117.18	26.75 1.35 -12.30	34.20 2.71 -3.60	25.04 2.10 0.00	27.13 2.27 0.00	23.12 1.97 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.14 1.39 -10.72	23.87 2.28 -0.19	26.51 2.43 -1.57	55.96 4.39 -9.20	238.97 14.42 -78.09	42.85 2.71 -9.44	24.94 1.95 -2.42	19.74 1.70 -0.01
LITTLE FALLS____HYD 24013	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.37 0.02 0.00	0.46 0.00 0.00	3.26 0.02 0.00	8.04 0.07 0.00	13.20 0.11 0.00	27.97 0.08 0.00	22.57 -0.37 0.00	24.43 -0.43 0.00	20.61 -0.23 0.00	3.98 -0.03 0.00	0.77 -0.01 0.00	-2.40 0.04 0.00	0.09 0.00 0.00	11.88 -0.15 0.00	21.23 -0.16 0.00	22.46 -0.05 0.00	42.78 0.42 0.00	147.96 1.51 0.00	31.17 0.46 0.00	20.80 0.22 0.00	18.21 0.18 0.00
LITTLRIV_115KV_TB1 356100	-3.56 0.05 0.00	-1.60 0.02 0.00	-0.58 0.00 0.00	4.32 -0.03 0.00	0.45 0.00 0.00	3.19 -0.04 0.00	7.86 -0.11 0.00	12.88 -0.21 0.00	27.46 -0.42 0.00	22.96 0.03 0.00	24.78 -0.08 0.00	20.34 -0.49 0.00	3.92 -0.09 0.00	0.76 -0.02 0.00	-1.32 0.08 -1.04	0.64 0.00 -0.55	11.53 -0.49 0.00	20.59 -0.80 0.00	21.77 -0.74 0.00	41.33 -1.03 0.00	143.34 -3.11 0.00	30.53 -0.17 0.00	20.41 -0.17 0.00	17.99 -0.05 0.00
LI_NEWBRDGE____DRP 323616	24.64 -0.30 -28.55	26.05 -0.13 -27.81	27.22 -0.05 -27.86	21.55 0.34 -16.86	21.97 0.03 -21.49	23.83 0.24 -20.36	22.92 0.67 -14.28	26.43 1.04 -12.30	33.63 2.15 -3.59	24.69 1.75 0.00	26.84 1.97 0.00	22.96 1.80 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.23 -22.85	36.90 0.00 -36.81	23.93 1.18 -10.72	24.54 1.89 -1.25	27.44 1.91 -3.02	46.17 3.40 -0.40	158.67 10.66 -1.57	32.82 2.12 0.00	22.10 1.53 0.00	19.37 1.33 0.00
LOCKPORT_115KV_TB60_63_64 80432	0.76 0.07 -4.29	2.17 0.05 -3.74	2.97 0.03 -3.53	6.76 -0.25 -2.67	3.83 -0.03 -3.40	6.28 -0.17 -3.22	9.76 -0.48 -2.26	14.26 -0.78 -1.95	26.88 -1.58 -0.57	21.95 -0.99 0.00	23.82 -1.04 0.00	19.85 -1.04 -0.05	6.21 -0.24 -2.44	3.72 -0.05 -2.99	1.28 0.10 -3.62	3.01 0.01 -2.91	12.54 -0.74 -1.25	20.09 -1.33 -0.03	21.28 -1.48 -0.24	39.58 -2.79 0.00	138.05 -8.40 0.00	28.69 -2.02 0.00	19.25 -1.32 0.00	16.86 -1.18 0.00
LOCKPORT____CC1 323769	0.79 0.08 -4.32	2.20 0.05 -3.77	2.99 0.03 -3.55	6.78 -0.25 -2.69	3.85 -0.03 -3.42	6.31 -0.16 -3.24	9.79 -0.46 -2.27	14.27 -0.78 -1.96	26.86 -1.60 -0.57	21.95 -0.99 0.00	23.84 -1.02 0.00	19.86 -1.02 -0.05	6.24 -0.23 -2.46	3.75 -0.04 -3.01	1.30 0.10 -3.64	3.04 0.02 -2.93	12.53 -0.75 -1.26	20.12 -1.30 -0.03	21.28 -1.47 -0.25	39.63 -2.73 0.00	138.03 -8.42 0.00	28.72 -1.99 0.00	19.27 -1.30 0.00	16.87 -1.16 0.00
LOCKPORT____CC2 323770	0.79 0.08 -4.32	2.20 0.05 -3.77	2.99 0.03 -3.55	6.78 -0.25 -2.69	3.85 -0.03 -3.42	6.31 -0.16 -3.24	9.79 -0.46 -2.27	14.27 -0.78 -1.96	26.86 -1.60 -0.57	21.95 -0.99 0.00	23.84 -1.02 0.00	19.86 -1.02 -0.05	6.24 -0.23 -2.46	3.75 -0.04 -3.01	1.30 0.10 -3.64	3.04 0.02 -2.93	12.53 -0.75 -1.26	20.12 -1.30 -0.03	21.28 -1.47 -0.25	39.63 -2.73 0.00	138.03 -8.42 0.00	28.72 -1.99 0.00	19.27 -1.30 0.00	16.87 -1.16 0.00
LOCKPORT____CC3 323771	0.79 0.08 -4.32	2.20 0.05 -3.77	2.99 0.03 -3.55	6.78 -0.25 -2.69	3.85 -0.03 -3.42	6.31 -0.16 -3.24	9.79 -0.46 -2.27	14.27 -0.78 -1.96	26.86 -1.60 -0.57	21.95 -0.99 0.00	23.84 -1.02 0.00	19.86 -1.02 -0.05	6.24 -0.23 -2.46	3.75 -0.04 -3.01	1.30 0.10 -3.64	3.04 0.02 -2.93	12.53 -0.75 -1.26	20.12 -1.30 -0.03	21.28 -1.47 -0.25	39.63 -2.73 0.00	138.03 -8.42 0.00	28.72 -1.99 0.00	19.27 -1.30 0.00	16.87 -1.16 0.00

LONG_LAKE_PHOENIX 24014	-1.00 0.09 -2.53	0.63 0.04 -2.20	1.51 0.02 -2.08	5.79 -0.13 -1.57	2.45 -0.01 -2.00	5.05 -0.08 -1.89	9.11 -0.20 -1.33	13.91 -0.33 -1.15	27.60 -0.63 -0.34	22.43 -0.51 0.00	24.31 -0.55 0.00	20.34 -0.52 -0.03	5.34 -0.11 -1.44	2.52 -0.02 -1.76	-0.24 0.06 -2.13	1.81 0.00 -1.72	12.43 -0.33 -0.74	20.90 -0.51 -0.02	22.19 -0.47 -0.15	41.56 -0.81 0.00	143.85 -2.60 0.00	30.08 -0.62 0.00	20.12 -0.45 0.00	17.62 -0.41 0.00
LOVETT___3 23632	22.48 -0.24 -26.33	21.23 -0.11 -22.96	21.02 -0.04 -21.65	20.98 0.26 -16.37	21.34 0.03 -20.86	23.20 0.21 -19.76	22.38 0.54 -13.86	25.92 0.88 -11.94	33.37 1.99 -3.49	24.43 1.50 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.28 0.32 -14.95	19.13 0.06 -18.29	19.55 -0.20 -22.19	17.97 0.01 -17.87	20.74 1.02 -7.69	23.28 1.69 -0.19	25.72 1.69 -1.52	45.26 2.90 0.00	155.62 9.17 0.00	32.58 1.88 0.00	21.86 1.29 0.00	19.11 1.08 0.00
LOVETT___4 23642	22.48 -0.24 -26.33	21.23 -0.11 -22.96	21.02 -0.04 -21.65	20.98 0.26 -16.37	21.34 0.03 -20.86	23.20 0.21 -19.76	22.38 0.54 -13.86	25.92 0.88 -11.94	33.37 1.99 -3.49	24.43 1.50 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.28 0.32 -14.95	19.13 0.06 -18.29	19.55 -0.20 -22.19	17.97 0.01 -17.87	20.74 1.02 -7.69	23.28 1.69 -0.19	25.72 1.69 -1.52	45.26 2.90 0.00	155.62 9.17 0.00	32.58 1.88 0.00	21.86 1.29 0.00	19.11 1.08 0.00
LOVETT___5 23593	22.48 -0.24 -26.33	21.23 -0.11 -22.96	21.02 -0.04 -21.65	20.98 0.26 -16.37	21.34 0.03 -20.86	23.20 0.21 -19.76	22.38 0.54 -13.86	25.92 0.88 -11.94	33.37 1.99 -3.49	24.43 1.50 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.28 0.32 -14.95	19.13 0.06 -18.29	19.55 -0.20 -22.19	17.97 0.01 -17.87	20.74 1.02 -7.69	23.28 1.69 -0.19	25.72 1.69 -1.52	45.26 2.90 0.00	155.62 9.17 0.00	32.58 1.88 0.00	21.86 1.29 0.00	19.11 1.08 0.00
LOWER_RAQUET___HYD 24057	-3.53 0.08 0.00	-1.58 0.03 0.00	-0.58 0.01 0.00	4.27 -0.08 0.00	0.45 -0.01 0.00	3.15 -0.08 0.00	7.78 -0.20 0.00	12.73 -0.36 0.00	27.12 -0.77 0.00	22.73 -0.21 0.00	24.54 -0.32 0.00	20.08 -0.76 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-1.21 0.12 -1.11	0.67 0.00 -0.58	11.37 -0.66 0.00	20.32 -1.08 0.00	21.49 -1.02 0.00	40.78 -1.59 0.00	141.53 -4.93 0.00	30.17 -0.54 0.00	20.18 -0.40 0.00	17.82 -0.21 0.00
LOWER___HUDSON 24059	29.43 -0.16 -33.19	27.26 -0.07 -28.95	26.68 -0.02 -27.30	25.16 0.18 -20.63	26.76 0.02 -26.28	28.27 0.14 -24.90	25.80 0.35 -17.48	28.73 0.58 -15.05	33.40 1.12 -4.40	23.60 0.66 0.00	25.56 0.70 0.00	21.96 0.72 -0.39	23.02 0.15 -18.86	23.89 0.03 -23.07	25.47 -0.08 -27.99	22.64 0.00 -22.55	22.16 0.43 -9.70	22.44 0.80 -0.24	25.32 0.88 -1.92	44.02 1.65 0.00	152.43 5.98 0.00	31.99 1.29 0.00	21.42 0.84 0.00	18.77 0.74 0.00
LOWVILLE_115KV_TB2 356335	-2.40 0.03 -1.17	-0.57 0.03 -1.02	0.39 0.01 -0.97	5.03 -0.04 -0.73	1.39 0.00 -0.93	4.09 -0.02 -0.88	8.58 -0.01 -0.62	13.52 -0.12 -0.54	27.87 -0.19 -0.17	23.09 0.15 0.00	24.94 0.08 0.00	20.51 -0.34 -0.02	4.60 -0.14 -0.72	1.63 -0.03 -0.88	-1.03 0.10 -1.31	1.06 0.00 -0.96	11.93 -0.44 -0.34	20.81 -0.59 -0.01	22.28 -0.30 -0.07	42.53 0.16 0.00	147.98 1.53 0.00	31.13 0.43 0.00	20.67 0.10 0.00	18.27 0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	30.09 -0.17 -33.87	27.84 -0.07 -29.53	27.24 -0.03 -27.86	25.67 0.20 -21.12	27.39 0.02 -26.91	28.89 0.16 -25.50	26.33 0.44 -17.91	29.24 0.72 -15.43	33.76 1.37 -4.51	23.74 0.80 0.00	25.73 0.87 0.00	22.07 0.83 -0.40	23.44 0.17 -19.26	24.37 0.03 -23.56	26.05 -0.09 -28.58	23.11 0.00 -23.02	22.46 0.53 -9.90	22.67 1.03 -0.24	25.61 1.15 -1.96	44.49 2.13 0.00	154.01 7.56 0.00	32.28 1.58 0.00	21.58 1.00 0.00	18.89 0.86 0.00
LUTHERNY_35_KV_BK2 355980	30.09 -0.18 -33.87	27.84 -0.07 -29.53	27.24 -0.03 -27.86	25.66 0.20 -21.12	27.39 0.02 -26.91	28.90 0.16 -25.50	26.33 0.44 -17.91	29.23 0.71 -15.43	33.76 1.36 -4.51	23.72 0.78 0.00	25.72 0.86 0.00	22.06 0.82 -0.40	23.44 0.17 -19.26	24.37 0.03 -23.56	26.05 -0.09 -28.58	23.11 0.00 -23.02	22.46 0.53 -9.90	22.70 1.06 -0.24	25.62 1.15 -1.96	44.51 2.14 0.00	154.15 7.70 0.00	32.30 1.60 0.00	21.57 1.00 0.00	18.88 0.85 0.00
LWR___OSWEGATCHIE_HYD 23850	-2.67 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.36 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 0.00	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.62 -0.25	20.45 -0.95 -0.01	21.79 -0.78 -0.05	41.44 -0.93 0.00	144.32 -2.13 0.00	30.55 -0.15 0.00	20.36 -0.22 0.00	17.99 -0.05 0.00
LYONS_FALL_HYD 23570	-2.49 0.00 -1.12	-0.63 0.01 -0.97	0.34 0.00 -0.92	5.04 0.00 -0.70	1.35 0.00 -0.89	4.08 0.01 -0.84	8.61 0.05 -0.59	13.63 0.02 -0.52	28.18 0.13 -0.16	23.22 0.28 0.00	25.10 0.24 0.00	20.78 -0.07 -0.01	4.62 -0.07 -0.67	1.59 -0.01 -0.82	-1.23 0.05 -1.16	0.96 0.00 -0.87	12.14 -0.22 -0.33	21.15 -0.25 -0.01	22.55 -0.02 -0.06	42.86 0.49 0.00	148.66 2.21 0.00	31.26 0.56 0.00	20.81 0.24 0.00	18.32 0.29 0.00
MADISON___COUNTY_LFGE 323628	-1.79 -0.06 -1.87	-0.01 -0.03 -1.64	0.95 -0.01 -1.54	5.57 0.06 -1.17	1.95 0.01 -1.48	4.70 0.06 -1.41	9.13 0.16 -0.99	14.21 0.26 -0.85	28.83 0.69 -0.25	23.48 0.54 0.00	25.37 0.51 0.00	21.19 0.33 -0.02	5.12 0.03 -1.07	2.10 0.01 -1.31	-0.88 -0.03 -1.58	1.37 0.01 -1.27	12.68 0.10 -0.55	21.66 0.25 -0.01	22.98 0.37 -0.10	43.41 1.05 0.00	150.14 3.69 0.00	31.52 0.82 0.00	21.06 0.48 0.00	18.44 0.41 0.00
MALONE___115KV_TB1 356076	-3.58 0.03 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.45 0.00 0.00	3.24 0.00 0.00	8.00 0.02 0.00	13.06 -0.03 0.00	27.62 -0.27 0.00	22.77 -0.17 0.00	24.75 -0.11 0.00	20.37 -0.47 0.00	3.92 -0.09 0.00	0.77 -0.02 0.00	1.94 0.11 -4.26	2.31 -0.01 -2.23	11.53 -0.50 0.00	20.70 -0.70 0.00	22.04 -0.47 0.00	42.05 -0.31 0.00	146.76 0.31 0.00	30.88 0.17 0.00	20.63 0.05 0.00	18.11 0.08 0.00
MAPLEWOD_115KV_TB3 80458	29.26 -0.17 -33.04	27.12 -0.08 -28.81	26.55 -0.03 -27.17	25.09 0.20 -20.54	26.65 0.02 -26.18	28.18 0.15 -24.81	25.77 0.39 -17.41	28.74 0.65 -14.99	33.56 1.29 -4.38	23.82 0.89 0.00	25.80 0.93 0.00	22.14 0.91 -0.39	22.97 0.18 -18.77	23.78 0.04 -22.97	25.32 -0.11 -27.86	22.53 0.00 -22.44	22.22 0.53 -9.65	22.64 1.01 -0.24	25.52 1.10 -1.91	44.42 2.06 0.00	153.69 7.24 0.00	32.25 1.55 0.00	21.58 1.01 0.00	18.91 0.87 0.00
MAPLE_RIDGE_WT_1 323574	-3.46 0.14 0.00	-1.56 0.06 0.00	-0.56 0.02 0.00	4.21 -0.14 0.00	0.44 -0.02 0.00	3.11 -0.12 0.00	7.69 -0.28 0.00	12.62 -0.47 0.00	26.87 -1.02 0.00	22.38 -0.55 0.00	24.33 -0.53 0.00	20.23 -0.61 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-2.34 0.10 0.00	0.08 -0.01 0.00	11.62 -0.41 0.00	20.72 -0.68 0.00	21.94 -0.57 0.00	41.53 -0.83 0.00	143.97 -2.48 0.00	30.19 -0.52 0.00	20.13 -0.44 0.00	17.77 -0.27 0.00

MAPLE_RIDGE_WT_2 323611	-3.46 0.14 0.00	-1.56 0.06 0.00	-0.56 0.02 0.00	4.21 -0.14 0.00	0.44 -0.02 0.00	3.11 -0.12 0.00	7.69 -0.28 0.00	12.62 -0.47 0.00	26.87 -1.02 0.00	22.38 -0.55 0.00	24.33 -0.53 0.00	20.23 -0.61 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-2.34 0.10 0.00	0.08 -0.01 0.00	11.62 -0.41 0.00	20.72 -0.68 0.00	21.94 -0.57 0.00	41.53 -0.83 0.00	143.97 -2.48 0.00	30.19 -0.52 0.00	20.13 -0.44 0.00	17.77 -0.27 0.00
MARBLE_RIVER_WT_PWR 323696	-3.56 0.05 0.00	-1.60 0.03 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.96 -0.01 0.00	12.98 -0.12 0.00	27.28 -0.60 0.00	22.34 -0.60 0.00	24.34 -0.52 0.00	20.10 -0.74 0.00	3.87 -0.14 0.00	0.76 -0.03 0.00	-8.37 0.15 6.09	-3.12 -0.02 3.19	11.39 -0.64 0.00	20.48 -0.91 0.00	21.86 -0.65 0.00	41.81 -0.55 0.00	146.30 -0.15 0.00	30.60 -0.10 0.00	20.46 -0.12 0.00	17.94 -0.09 0.00
MARSHVLE_115KV_TB1 80742	36.43 -0.19 -40.23	33.38 -0.08 -35.08	32.47 -0.03 -33.08	29.59 0.22 -25.02	32.36 0.02 -31.89	33.63 0.19 -30.21	29.69 0.50 -21.22	32.12 0.75 -18.28	34.77 1.54 -5.34	24.27 1.33 0.00	26.23 1.37 0.00	22.29 0.98 -0.48	27.06 0.17 -22.87	28.80 0.03 -27.99	31.42 -0.09 -33.95	27.43 0.00 -27.35	24.34 0.55 -11.76	22.72 1.04 -0.29	26.05 1.22 -2.32	44.94 2.58 0.00	155.77 9.32 0.00	32.69 1.99 0.00	21.86 1.29 0.00	19.14 1.11 0.00
MARSH_HILL_WT_PWR 323713	1.77 -0.07 -5.44	3.11 -0.02 -4.75	3.88 -0.01 -4.48	7.75 0.02 -3.38	4.78 0.01 -4.31	7.42 0.10 -4.09	11.04 0.19 -2.87	15.90 0.33 -2.47	29.59 0.98 -0.72	23.96 1.02 0.00	25.94 1.07 0.00	21.67 0.77 -0.06	7.15 0.04 -3.10	4.58 0.01 -3.79	2.14 -0.01 -4.59	3.80 0.01 -3.70	13.70 0.08 -1.59	21.78 0.34 -0.04	23.37 0.54 -0.31	44.12 1.76 0.00	152.89 6.44 0.00	31.69 0.98 0.00	21.34 0.77 0.00	18.78 0.75 0.00
MCINTYRE_115KV_TB2 80467	-3.58 0.03 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.34 -0.01 0.00	0.45 0.00 0.00	3.21 -0.02 0.00	7.93 -0.05 0.00	12.99 -0.10 0.00	27.65 -0.24 0.00	23.04 0.11 0.00	24.87 0.01 0.00	20.51 -0.33 0.00	3.96 -0.05 0.00	0.77 -0.01 0.00	-1.45 0.06 -0.93	0.57 0.00 -0.49	11.68 -0.35 0.00	20.85 -0.54 0.00	22.02 -0.50 0.00	41.73 -0.63 0.00	144.77 -1.68 0.00	30.71 0.01 0.00	20.53 -0.05 0.00	18.05 0.02 0.00
MECO____69_KV_BK1 80468	34.41 -0.28 -38.30	31.64 -0.13 -33.39	30.86 -0.05 -31.49	28.51 0.34 -23.82	30.84 0.04 -30.35	32.28 0.29 -28.76	28.84 0.66 -20.20	31.32 0.82 -17.40	35.13 2.15 -5.08	23.90 0.96 0.00	25.99 1.13 0.00	22.07 0.78 -0.45	25.92 0.12 -21.78	27.45 0.02 -26.64	29.83 -0.05 -32.32	26.11 -0.01 -26.04	23.71 0.48 -11.20	22.80 1.13 -0.27	26.53 1.81 -2.21	46.79 4.43 0.00	160.61 14.16 0.00	33.95 3.24 0.00	22.61 2.04 0.00	19.73 1.70 0.00
MENANDS__115KV_TB5 355628	28.99 -0.16 -32.75	26.87 -0.07 -28.56	26.32 -0.02 -26.93	24.90 0.19 -20.36	26.42 0.02 -25.94	27.95 0.14 -24.58	25.57 0.35 -17.24	28.53 0.58 -14.85	33.39 1.16 -4.34	23.69 0.76 0.00	25.66 0.80 0.00	22.05 0.83 -0.39	22.78 0.17 -18.60	23.57 0.03 -22.75	25.07 -0.10 -27.60	22.32 0.00 -22.23	22.07 0.48 -9.57	22.51 0.89 -0.23	25.34 0.94 -1.89	44.07 1.71 0.00	152.38 5.93 0.00	31.98 1.27 0.00	21.42 0.85 0.00	18.78 0.75 0.00
MG INDUSTRY__DRP 24185	28.36 -0.15 -32.12	26.32 -0.07 -28.01	25.80 -0.02 -26.41	24.50 0.18 -19.97	25.92 0.02 -25.45	27.47 0.13 -24.11	25.21 0.34 -16.90	28.19 0.54 -14.55	33.22 1.08 -4.25	23.64 0.70 0.00	25.60 0.74 0.00	21.96 0.74 -0.38	22.39 0.15 -18.22	23.10 0.03 -22.29	24.52 -0.08 -27.04	21.88 0.00 -21.78	21.83 0.43 -9.37	22.43 0.81 -0.23	25.26 0.89 -1.86	44.02 1.66 0.00	152.27 5.82 0.00	31.94 1.24 0.00	21.41 0.84 0.00	18.77 0.74 0.00
MID__OSWEGATCHIE_HYD 23849	-2.67 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.36 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 -0.01	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.62 -0.25	20.45 -0.95 -0.01	21.79 -0.78 -0.05	41.44 -0.93 0.00	144.32 -2.13 0.00	30.55 -0.15 0.00	20.36 -0.22 0.00	17.99 -0.05 0.00
MID__RAQUETTE_HYD 23851	-3.53 0.08 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.27 -0.08 0.00	0.45 -0.01 0.00	3.15 -0.08 0.00	7.78 -0.20 0.00	12.73 -0.36 0.00	27.13 -0.77 0.00	22.73 -0.21 0.00	24.54 -0.32 0.00	20.08 -0.76 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-1.21 0.12 -1.11	0.67 0.00 -0.58	11.37 -0.66 0.00	20.31 -1.08 0.00	21.49 -1.02 0.00	40.78 -1.59 0.00	141.57 -4.89 0.00	30.17 -0.54 0.00	20.18 -0.40 0.00	17.82 -0.21 0.00
MILLIKEN__1 23584	2.10 -0.07 -5.78	3.39 -0.03 -5.04	4.16 -0.01 -4.75	7.99 0.05 -3.59	5.04 0.01 -4.58	7.63 0.06 -4.34	11.20 0.18 -3.05	16.02 0.30 -2.62	29.35 0.70 -0.77	23.45 0.51 0.00	25.38 0.52 0.00	21.23 0.32 -0.07	7.34 0.04 -3.30	4.82 0.01 -4.03	2.41 -0.03 -4.87	4.02 0.00 -3.92	13.84 0.13 -1.69	21.75 0.32 -0.04	23.18 0.35 -0.32	43.31 0.95 0.00	149.90 3.45 0.00	31.33 0.63 0.00	20.93 0.36 0.00	18.33 0.30 0.00
MILLIKEN__2 23585	2.10 -0.07 -5.78	3.39 -0.03 -5.04	4.16 -0.01 -4.75	7.99 0.05 -3.59	5.04 0.01 -4.58	7.63 0.06 -4.34	11.20 0.18 -3.05	16.02 0.30 -2.62	29.35 0.70 -0.77	23.45 0.51 0.00	25.38 0.52 0.00	21.23 0.32 -0.07	7.34 0.04 -3.30	4.82 0.01 -4.03	2.41 -0.03 -4.87	4.02 0.00 -3.92	13.84 0.13 -1.69	21.75 0.32 -0.04	23.18 0.35 -0.32	43.31 0.95 0.00	149.90 3.45 0.00	31.33 0.63 0.00	20.93 0.36 0.00	18.33 0.30 0.00
MILLIKEN__DIESEL 23629	2.10 -0.07 -5.78	3.39 -0.03 -5.04	4.16 -0.01 -4.75	7.99 0.05 -3.59	5.04 0.01 -4.58	7.63 0.06 -4.34	11.20 0.18 -3.05	16.02 0.30 -2.62	29.35 0.70 -0.77	23.45 0.51 0.00	25.38 0.52 0.00	21.23 0.32 -0.07	7.34 0.04 -3.30	4.82 0.01 -4.03	2.41 -0.03 -4.87	4.02 0.00 -3.92	13.84 0.13 -1.69	21.75 0.32 -0.04	23.18 0.35 -0.32	43.31 0.95 0.00	149.90 3.45 0.00	31.33 0.63 0.00	20.93 0.36 0.00	18.33 0.30 0.00
MILLSEAT__LFGE 323607	0.71 0.04 -4.28	2.15 0.03 -3.74	2.96 0.02 -3.52	6.81 -0.20 -2.66	3.83 -0.02 -3.39	6.32 -0.12 -3.22	9.88 -0.35 -2.26	14.46 -0.57 -1.94	27.30 -1.16 -0.57	22.29 -0.65 0.00	24.14 -0.72 0.00	20.07 -0.82 -0.05	6.26 -0.19 -2.44	3.73 -0.03 -2.98	1.26 0.08 -3.61	3.02 0.02 -2.91	12.60 -0.68 -1.25	20.33 -1.10 -0.03	21.56 -1.19 -0.24	40.28 -2.09 0.00	140.42 -6.03 0.00	29.26 -1.44 0.00	19.59 -0.98 0.00	17.13 -0.90 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.14 -0.24 -26.99	21.80 -0.11 -23.53	21.57 -0.04 -22.19	21.39 0.26 -16.78	21.86 0.03 -21.38	23.69 0.21 -20.26	22.73 0.54 -14.21	26.22 0.89 -12.24	33.44 1.98 -3.57	24.44 1.50 0.00	26.55 1.68 0.00	22.75 1.60 -0.32	19.65 0.32 -15.32	19.59 0.06 -18.75	20.10 -0.20 -22.74	18.41 0.01 -18.32	20.92 1.02 -7.88	23.28 1.69 -0.19	25.75 1.68 -1.56	45.25 2.89 0.00	155.57 9.12 0.00	32.59 1.88 0.00	21.88 1.30 0.00	19.14 1.11 0.00

MILLWOOD_13_KV_LOAD 356217	23.13 -0.25 -26.99	21.80 -0.11 -23.53	21.56 -0.04 -22.19	21.40 0.27 -16.78	21.86 0.03 -21.38	23.70 0.21 -20.26	22.75 0.56 -14.21	26.25 0.92 -12.24	33.51 2.05 -3.57	24.49 1.55 0.00	26.61 1.74 0.00	22.81 1.65 -0.32	19.66 0.33 -15.32	19.59 0.06 -18.75	20.10 -0.20 -22.74	18.41 0.00 -18.32	20.96 1.05 -7.88	23.34 1.75 -0.19	25.82 1.75 -1.56	45.36 2.99 0.00	156.01 9.56 0.00	32.67 1.96 0.00	21.93 1.36 0.00	19.18 1.14 0.00
MODEL_CITY_ENERGY 24167	0.83 0.11 -4.33	2.23 0.07 -3.78	3.01 0.03 -3.56	6.75 -0.30 -2.70	3.86 -0.03 -3.43	6.28 -0.20 -3.25	9.70 -0.56 -2.28	14.12 -0.94 -1.97	26.51 -1.95 -0.57	21.67 -1.27 0.00	23.53 -1.33 0.00	19.60 -1.29 -0.05	6.20 -0.28 -2.47	3.75 -0.05 -3.02	1.34 0.13 -3.65	3.05 0.02 -2.94	12.39 -0.90 -1.27	19.85 -1.58 -0.03	21.00 -1.76 -0.25	39.06 -3.30 0.00	136.12 -10.33 0.00	28.31 -2.40 0.00	19.01 -1.57 0.00	16.64 -1.39 0.00
MODERN_LFGE_ 323580	0.83 0.11 -4.33	2.23 0.07 -3.78	3.01 0.03 -3.56	6.75 -0.30 -2.70	3.86 -0.03 -3.43	6.28 -0.20 -3.25	9.70 -0.56 -2.28	14.12 -0.94 -1.97	26.51 -1.95 -0.57	21.67 -1.27 0.00	23.53 -1.33 0.00	19.60 -1.29 -0.05	6.20 -0.28 -2.47	3.75 -0.05 -3.02	1.34 0.13 -3.65	3.05 0.02 -2.94	12.39 -0.90 -1.27	19.85 -1.58 -0.03	21.00 -1.76 -0.25	39.06 -3.30 0.00	136.12 -10.33 0.00	28.31 -2.40 0.00	19.01 -1.57 0.00	16.64 -1.39 0.00
MOHAWK_PAPER___DRP 24187	29.26 -0.17 -33.04	27.12 -0.08 -28.81	26.55 -0.03 -27.17	25.09 0.20 -20.54	26.65 0.02 -26.18	28.18 0.15 -24.81	25.77 0.39 -17.41	28.74 0.65 -14.99	33.56 1.29 -4.38	23.82 0.89 0.00	25.80 0.93 0.00	22.14 0.91 -0.39	22.97 0.18 -18.77	23.78 0.04 -22.97	25.32 -0.11 -27.86	22.53 0.00 -22.44	22.22 0.53 -9.65	22.64 1.01 -0.24	25.52 1.10 -1.91	44.42 2.06 0.00	153.69 7.24 0.00	32.25 1.55 0.00	21.58 1.01 0.00	18.91 0.87 0.00
MOHICAN__35_KV_115KV_LD 80490	30.15 -0.15 -33.91	27.88 -0.06 -29.56	27.27 -0.02 -27.88	25.55 0.15 -21.05	27.29 0.02 -26.82	28.78 0.13 -25.41	26.20 0.37 -17.85	29.09 0.62 -15.38	33.51 1.13 -4.49	23.50 0.56 0.00	25.50 0.64 0.00	21.86 0.63 -0.40	23.43 0.13 -19.28	24.39 0.03 -23.59	26.11 -0.07 -28.61	23.13 -0.01 -23.05	22.38 0.44 -9.92	22.55 0.92 -0.24	25.55 1.08 -1.96	44.35 1.98 0.00	153.57 7.12 0.00	32.23 1.52 0.00	21.51 0.93 0.00	18.81 0.78 0.00
MONGAUP___HYD 23641	20.81 -0.23 -24.65	19.78 -0.10 -21.50	19.65 -0.04 -20.27	19.93 0.25 -15.33	20.01 0.03 -19.53	21.94 0.20 -18.51	21.47 0.51 -12.98	25.09 0.82 -11.18	32.88 1.73 -3.27	24.14 1.20 0.00	26.10 1.24 0.00	22.29 1.16 -0.29	18.24 0.23 -14.00	17.95 0.04 -17.13	18.21 -0.13 -20.77	16.83 0.00 -16.73	19.82 0.59 -7.20	22.49 0.92 -0.18	24.98 1.04 -1.42	44.33 1.96 0.00	152.67 6.22 0.00	32.05 1.34 0.00	21.77 1.19 0.00	19.12 1.08 0.00
MONTAUK___DIESEL 23721	24.41 -0.53 -28.55	25.97 -0.22 -27.81	27.19 -0.08 -27.86	21.79 0.58 -16.86	22.00 0.06 -21.49	42.35 0.43 -38.69	125.76 1.21 -116.57	27.34 1.94 -12.30	35.20 3.72 -3.60	25.84 2.91 0.00	28.00 3.14 0.00	23.79 2.64 -0.32	19.93 0.51 -15.40	19.72 0.10 -18.84	20.10 -0.32 -22.85	36.88 -0.02 -36.81	24.60 1.85 -10.72	24.88 3.29 -0.19	27.56 3.49 -1.57	57.64 6.12 -9.15	244.92 20.83 -77.63	43.87 3.78 -9.38	25.61 2.63 -2.40	20.34 2.29 -0.01
MOONROAD_115KV_HARTFLD_TB1-2 355988	1.27 0.01 -4.87	2.64 0.02 -4.24	3.43 0.01 -4.00	7.23 -0.14 -3.03	4.31 0.00 -3.85	6.85 -0.03 -3.65	10.42 -0.12 -2.56	15.12 -0.19 -2.21	28.48 -0.06 -0.65	23.27 0.32 -0.01	25.34 0.47 -0.01	21.12 0.21 -0.07	6.77 -0.01 -2.77	4.17 0.00 -3.39	1.63 -0.03 -4.10	3.41 0.01 -3.30	13.41 -0.04 -1.42	21.37 -0.07 -0.04	22.68 -0.12 -0.28	42.26 -0.10 0.00	147.05 0.60 0.00	30.54 -0.16 0.00	20.39 -0.18 0.00	17.83 -0.20 0.00
MORTIMER_115KV_TB3 55949	0.02 0.03 -3.59	1.54 0.03 -3.13	2.38 0.01 -2.95	6.44 -0.14 -2.23	3.29 -0.01 -2.84	5.86 -0.07 -2.70	9.68 -0.18 -1.89	14.42 -0.30 -1.63	27.80 -0.56 -0.48	22.63 -0.31 0.00	24.50 -0.36 0.00	20.44 -0.44 -0.04	5.94 -0.11 -2.05	3.26 -0.02 -2.50	0.63 0.04 -3.02	2.52 0.00 -2.44	12.74 -0.34 -1.05	20.85 -0.57 -0.03	22.10 -0.61 -0.20	41.23 -1.14 0.00	143.18 -3.27 0.00	29.82 -0.88 0.00	19.97 -0.61 0.00	17.46 -0.58 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.60 2.12 -3.59	24.56 1.62 0.00	26.69 1.83 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.04 1.10 -7.92	23.40 1.81 -0.19	25.87 1.80 -1.56	45.41 3.04 0.00	156.09 9.64 0.00	32.71 2.00 0.00	21.97 1.39 0.00	19.21 1.18 0.00
MUNSVILLE_WIND_PWR 323609	4.44 -0.21 -8.25	5.47 -0.10 -7.19	6.16 -0.03 -6.79	9.70 0.22 -5.13	7.02 0.03 -6.54	9.65 0.22 -6.20	12.91 0.59 -4.35	17.82 0.99 -3.75	31.08 2.09 -1.09	24.55 1.61 0.00	26.36 1.50 0.00	21.90 0.96 -0.10	8.85 0.14 -4.69	6.55 0.03 -5.74	4.43 -0.09 -6.96	5.70 0.00 -5.60	14.87 0.43 -2.41	22.51 1.06 -0.06	24.45 1.47 -0.47	45.91 3.54 0.00	158.92 12.47 0.00	33.27 2.57 0.00	22.15 1.58 0.00	19.40 1.36 0.00
N SALMON___HYD 24042	-3.58 0.02 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.45 0.00 0.00	3.24 0.00 0.00	8.00 0.02 0.00	13.07 -0.03 0.00	27.63 -0.26 0.00	22.77 -0.17 0.00	24.75 -0.11 0.00	20.37 -0.46 0.00	3.93 -0.09 0.00	0.77 -0.02 0.00	1.94 0.11 -4.26	2.31 -0.01 -2.23	11.53 -0.49 0.00	20.70 -0.70 0.00	22.04 -0.47 0.00	42.06 -0.31 0.00	146.77 0.32 0.00	30.88 0.17 0.00	20.63 0.05 0.00	18.12 0.08 0.00
N.AKRON__115KV_KNAPP 355671	0.71 0.03 -4.28	2.14 0.03 -3.73	2.95 0.02 -3.52	6.80 -0.20 -2.66	3.83 -0.02 -3.39	6.32 -0.12 -3.21	9.87 -0.36 -2.25	14.47 -0.57 -1.94	27.35 -1.11 -0.57	22.32 -0.62 0.00	24.18 -0.68 0.00	20.14 -0.75 -0.05	6.26 -0.19 -2.44	3.73 -0.04 -2.98	1.25 0.08 -3.61	3.01 0.01 -2.91	12.65 -0.62 -1.25	20.37 -1.05 -0.03	21.61 -1.14 -0.24	40.31 -2.06 0.00	140.65 -5.80 0.00	29.26 -1.44 0.00	19.60 -0.97 0.00	17.14 -0.89 0.00
N.BELMOR_69_KV_BK1 55787	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.85 0.26 -20.36	22.97 0.72 -14.28	26.52 1.13 -12.30	33.81 2.33 -3.59	24.83 1.89 0.00	26.99 2.13 0.00	23.09 1.93 -0.32	19.80 0.39 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.02 1.26 -10.72	12.19 2.04 11.25	13.39 2.08 11.19	42.48 3.66 3.54	144.26 11.56 13.75	33.05 2.34 0.00	22.26 1.68 0.00	19.48 1.45 0.00
N.E._GEN_SANDY PD 24062	27.44 -0.17 -31.22	24.84 -0.08 -26.54	24.41 -0.03 -25.03	23.47 0.20 -18.92	24.70 0.02 -24.22	26.10 0.15 -22.72	23.87 0.38 -15.51	27.54 0.64 -13.80	29.14 1.26 0.01	23.11 0.78 0.61	25.72 0.85 0.00	22.10 0.90 -0.36	21.49 0.19 -17.28	21.96 0.04 -21.15	23.10 -0.11 -25.65	20.76 0.00 -20.66	21.49 0.54 -8.92	22.57 0.96 -0.22	25.27 1.00 -1.76	44.14 1.77 0.00	152.54 6.09 0.00	34.04 1.31 -2.03	21.47 0.90 0.00	18.83 0.80 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.42 -0.25 -26.28	21.19 -0.11 -22.92	20.98 -0.04 -21.61	20.95 0.27 -16.34	21.31 0.03 -20.82	23.17 0.21 -19.73	22.37 0.55 -13.84	25.92 0.91 -11.92	33.40 2.03 -3.48	24.48 1.54 0.00	26.59 1.73 0.00	22.79 1.64 -0.31	19.26 0.32 -14.92	19.10 0.06 -18.26	19.50 -0.20 -22.15	17.94 0.01 -17.84	20.75 1.04 -7.67	23.31 1.73 -0.19	25.76 1.73 -1.52	45.35 2.98 0.00	155.86 9.41 0.00	32.64 1.93 0.00	21.90 1.32 0.00	19.14 1.11 0.00
N. QUEENS_27_KV_LOAD 356247	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.85 0.60 -14.28	26.35 0.96 -12.30	33.70 2.22 -3.59	24.64 1.70 0.00	26.72 1.86 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.13 -7.92	23.44 1.85 -0.19	25.88 1.81 -1.56	45.40 3.04 0.00	156.04 9.59 0.00	32.73 2.03 0.00	22.03 1.46 0.00	19.29 1.25 0.00
N. TROY___115KV_TB1 355778	29.43 -0.15 -33.19	27.26 -0.07 -28.95	26.68 -0.02 -27.30	25.16 0.18 -20.63	26.76 0.02 -26.28	28.27 0.14 -24.90	25.80 0.35 -17.48	28.73 0.58 -15.05	33.40 1.11 -4.40	23.60 0.66 0.00	25.57 0.70 0.00	21.96 0.72 -0.39	23.03 0.15 -18.86	23.89 0.03 -23.07	25.47 -0.08 -27.99	22.64 0.00 -22.55	22.15 0.42 -9.70	22.44 0.81 -0.24	25.32 0.88 -1.92	44.02 1.66 0.00	152.38 5.93 0.00	31.99 1.29 0.00	21.42 0.84 0.00	18.77 0.73 0.00
NARROWS_GT1_1 24228	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_2 24229	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_3 24230	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_4 24231	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_5 24232	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_6 24233	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_7 24234	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT1_8 24235	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_1 24236	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_2 24237	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_3 24238	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_4 24239	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00

NARROWS_GT2_5 24240	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_6 24241	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_7 24242	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NARROWS_GT2_8 24243	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	27.05 -0.20 -30.86	25.20 -0.09 -26.91	24.76 -0.03 -25.38	23.78 0.24 -19.19	24.93 0.02 -24.45	26.57 0.18 -23.16	24.69 0.47 -16.24	27.85 0.77 -13.99	33.46 1.48 -4.09	23.85 0.91 0.00	25.74 0.88 0.00	22.04 0.84 -0.36	21.68 0.16 -17.51	22.24 0.03 -21.43	23.46 -0.09 -25.99	21.03 0.00 -20.93	21.51 0.48 -9.01	22.64 1.03 -0.22	25.50 1.21 -1.78	44.86 2.50 0.00	155.61 9.16 0.00	32.67 1.96 0.00	21.83 1.25 0.00	19.11 1.08 0.00
NCHELSEA_115KV_TR2 355582	23.16 -0.26 -27.03	21.84 -0.11 -23.57	21.60 -0.04 -22.23	21.43 0.28 -16.81	21.90 0.03 -21.42	23.75 0.22 -20.29	22.80 0.59 -14.23	26.32 0.97 -12.26	33.59 2.12 -3.58	24.51 1.57 0.00	26.60 1.74 0.00	22.79 1.63 -0.32	19.68 0.32 -15.35	19.62 0.06 -18.78	20.14 -0.20 -22.78	18.45 0.01 -18.35	20.96 1.04 -7.89	23.38 1.79 -0.19	25.90 1.83 -1.56	45.57 3.21 0.00	156.83 10.38 0.00	32.80 2.10 0.00	22.01 1.43 0.00	19.25 1.21 0.00
NEG CAPITAL___MECHNVIL 23645	29.87 -0.18 -33.66	27.65 -0.08 -29.35	27.07 -0.03 -27.68	25.51 0.20 -20.96	27.19 0.02 -26.71	28.71 0.17 -25.31	26.19 0.44 -17.77	29.13 0.73 -15.31	33.77 1.41 -4.47	23.79 0.85 0.00	25.77 0.91 0.00	22.11 0.87 -0.40	23.33 0.18 -19.13	24.23 0.03 -23.41	25.86 -0.10 -28.40	22.96 0.00 -22.88	22.42 0.55 -9.84	22.70 1.07 -0.24	25.64 1.18 -1.94	44.58 2.22 0.00	154.29 7.83 0.00	32.34 1.64 0.00	21.61 1.04 0.00	18.93 0.89 0.00
NEG CENTRAL_HIGH_ACRES 23767	0.09 0.08 -3.61	1.57 0.04 -3.15	2.40 0.02 -2.97	6.42 -0.18 -2.25	3.30 -0.02 -2.86	5.84 -0.10 -2.71	9.64 -0.24 -1.90	14.34 -0.39 -1.64	27.63 -0.74 -0.48	22.44 -0.50 0.00	24.30 -0.56 0.00	20.28 -0.60 -0.04	5.93 -0.14 -2.06	3.28 -0.03 -2.52	0.67 0.07 -3.04	2.54 0.00 -2.45	12.62 -0.46 -1.05	20.68 -0.74 -0.03	21.92 -0.79 -0.20	40.90 -1.46 0.00	141.84 -4.61 0.00	29.61 -1.10 0.00	19.82 -0.76 0.00	17.32 -0.72 0.00
NEG CENTRAL___DRP 24199	0.36 -0.02 -3.98	1.85 0.00 -3.47	2.69 0.00 -3.27	6.80 -0.02 -2.48	3.61 0.00 -3.15	6.24 0.01 -2.99	10.13 0.06 -2.10	15.01 0.11 -1.81	28.74 0.32 -0.53	23.19 0.25 0.00	25.15 0.28 0.00	21.02 0.14 -0.05	6.29 -0.01 -2.28	3.57 0.00 -2.79	0.91 -0.01 -3.36	2.80 0.00 -2.70	13.20 0.01 -1.16	21.52 0.10 -0.03	22.75 0.02 -0.22	42.60 0.24 0.00	147.34 0.89 0.00	30.76 0.05 0.00	20.58 0.01 0.00	18.04 0.01 0.00
NEG CENTRAL___INDECK 23768	0.86 -0.11 -4.58	2.33 -0.04 -3.99	3.16 -0.01 -3.76	7.23 0.04 -2.84	4.09 0.01 -3.63	6.76 0.10 -3.43	10.63 0.24 -2.41	15.56 0.39 -2.08	29.43 0.93 -0.61	23.72 0.78 0.00	25.56 0.69 0.00	21.28 0.39 -0.05	6.62 0.00 -2.61	3.97 0.00 -3.19	1.41 -0.01 -3.85	3.21 0.01 -3.11	13.33 -0.03 -1.34	21.55 0.12 -0.03	23.03 0.26 -0.26	43.51 1.14 0.00	152.00 5.55 0.00	31.77 1.06 0.00	21.25 0.67 0.00	18.58 0.55 0.00
NEG CENTRAL___SENECA 23627	0.60 -0.03 -4.24	2.07 -0.01 -3.70	2.90 0.00 -3.48	6.97 -0.01 -2.64	3.81 0.00 -3.36	6.44 0.03 -3.18	10.28 0.07 -2.23	15.15 0.14 -1.92	28.90 0.45 -0.56	23.32 0.38 0.00	25.29 0.43 0.00	21.12 0.23 -0.05	6.43 0.00 -2.42	3.74 0.00 -2.96	1.12 -0.01 -3.57	2.97 0.01 -2.88	13.28 0.02 -1.24	21.52 0.10 -0.03	22.87 0.12 -0.24	42.87 0.51 0.00	148.20 1.75 0.00	30.96 0.25 0.00	20.73 0.15 0.00	18.17 0.14 0.00
NEG CENTRAL___STATE_STREET 24147	0.34 -0.06 -4.00	1.86 -0.01 -3.49	2.70 0.00 -3.29	6.84 0.01 -2.49	3.63 0.00 -3.17	6.27 0.04 -3.01	10.26 0.17 -2.11	15.19 0.28 -1.82	28.88 0.46 -0.53	23.25 0.32 0.00	25.20 0.34 0.00	21.09 0.20 -0.05	6.33 0.02 -2.29	3.59 0.00 -2.81	0.92 -0.02 -3.38	2.80 -0.01 -2.72	13.35 0.15 -1.17	21.83 0.41 -0.03	23.00 0.27 -0.22	42.84 0.48 0.00	148.76 2.30 0.00	30.86 0.15 0.00	20.63 0.05 0.00	18.07 0.04 0.00
NEG MILLWOOD___DRP 24198	23.43 -0.27 -27.30	22.07 -0.12 -23.81	21.82 -0.04 -22.45	21.61 0.29 -16.97	22.12 0.03 -21.63	23.95 0.23 -20.49	22.96 0.61 -14.37	26.48 1.01 -12.38	33.72 2.22 -3.62	24.59 1.65 0.00	26.68 1.82 0.00	22.87 1.71 -0.32	19.85 0.34 -15.50	19.81 0.06 -18.97	20.36 -0.21 -23.01	18.63 0.01 -18.53	21.07 1.08 -7.97	23.42 1.84 -0.20	25.96 1.87 -1.58	45.63 3.27 0.00	157.06 10.61 0.00	32.87 2.17 0.00	22.05 1.47 0.00	19.28 1.25 0.00
NEG NORTH_FLCN_SEA 23793	-3.60 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.04 0.06 0.00	13.11 0.02 0.00	27.52 -0.37 0.00	22.56 -0.38 0.00	24.56 -0.30 0.00	20.31 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.14 -0.02 3.22	11.48 -0.54 0.00	20.66 -0.74 0.00	22.09 -0.42 0.00	42.23 -0.14 0.00	147.79 1.34 0.00	30.90 0.20 0.00	20.64 0.06 0.00	18.09 0.06 0.00
NEG NORTH_KES_CHATEGAY 23792	-3.56 0.05 0.00	-1.60 0.03 0.00	-0.58 0.00 0.00	4.33 -0.02 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.96 -0.02 0.00	12.98 -0.12 0.00	27.31 -0.58 0.00	22.38 -0.56 0.00	24.37 -0.49 0.00	20.12 -0.72 0.00	3.88 -0.14 0.00	0.76 -0.02 0.00	-8.81 0.15 6.53	-3.35 -0.02 3.42	11.40 -0.63 0.00	20.51 -0.88 0.00	21.88 -0.64 0.00	41.82 -0.54 0.00	146.22 -0.23 0.00	30.63 -0.08 0.00	20.48 -0.09 0.00	17.95 -0.08 0.00

NEG NORTH___ALICE_FALLS 23915	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.05 0.07 0.00	13.13 0.03 0.00	27.58 -0.31 0.00	22.59 -0.35 0.00	24.59 -0.27 0.00	20.32 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.51 0.13 6.20	-3.17 -0.01 3.25	11.48 -0.54 0.00	20.66 -0.74 0.00	22.10 -0.41 0.00	42.32 -0.05 0.00	148.07 1.62 0.00	31.00 0.29 0.00	20.69 0.12 0.00	18.13 0.10 0.00
NEG NORTH___LWR_SARANAC 23913	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.05 0.07 0.00	13.13 0.03 0.00	27.58 -0.31 0.00	22.59 -0.35 0.00	24.59 -0.27 0.00	20.32 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.51 0.13 6.20	-3.17 -0.01 3.25	11.48 -0.54 0.00	20.66 -0.74 0.00	22.10 -0.41 0.00	42.32 -0.05 0.00	148.07 1.62 0.00	31.00 0.29 0.00	20.69 0.12 0.00	18.13 0.10 0.00
NEG NORTH___PLATTSBURG 23628	-3.60 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.26 0.03 0.00	8.05 0.07 0.00	13.13 0.03 0.00	27.59 -0.30 0.00	22.59 -0.35 0.00	24.59 -0.27 0.00	20.32 -0.52 0.00	3.91 -0.11 0.00	0.76 -0.02 0.00	-8.51 0.13 6.20	-3.18 -0.02 3.25	11.49 -0.54 0.00	20.66 -0.74 0.00	22.10 -0.41 0.00	42.32 -0.04 0.00	148.09 1.64 0.00	31.00 0.29 0.00	20.69 0.12 0.00	18.13 0.10 0.00
NEG WEST_LEA_LOCKPORT 23791	0.79 0.07 -4.32	2.19 0.05 -3.77	2.99 0.03 -3.55	6.78 -0.25 -2.69	3.85 -0.03 -3.42	6.31 -0.16 -3.24	9.78 -0.47 -2.27	14.28 -0.77 -1.96	26.89 -1.57 -0.57	21.95 -0.99 0.00	23.84 -1.02 0.00	19.87 -1.02 -0.05	6.23 -0.24 -2.46	3.75 -0.04 -3.01	1.30 0.10 -3.64	3.03 0.01 -2.93	12.56 -0.72 -1.26	20.12 -1.30 -0.03	21.30 -1.46 -0.25	39.62 -2.74 0.00	138.14 -8.31 0.00	28.71 -1.99 0.00	19.27 -1.30 0.00	16.87 -1.16 0.00
NEG WEST___LANCASTR 23811	1.30 0.01 -4.90	2.67 0.01 -4.27	3.45 0.01 -4.03	7.30 -0.10 -3.05	4.33 -0.01 -3.88	6.86 -0.05 -3.68	10.37 -0.18 -2.58	15.03 -0.28 -2.23	28.22 -0.33 -0.66	22.94 0.00 -0.01	24.92 0.05 -0.01	20.81 -0.09 -0.07	6.73 -0.08 -2.79	4.18 -0.01 -3.41	1.70 0.01 -4.13	3.43 0.01 -3.33	13.24 -0.23 -1.43	21.01 -0.43 -0.04	22.25 -0.55 -0.28	41.41 -0.96 0.00	144.02 -2.43 0.00	29.92 -0.78 0.00	20.10 -0.47 0.00	17.59 -0.44 0.00
NEG_PENN_ALLEGHNY 23528	5.08 -0.05 -8.74	5.99 -0.02 -7.63	6.60 -0.01 -7.19	9.82 0.03 -5.44	7.39 0.01 -6.93	9.84 0.04 -6.57	12.69 0.10 -4.61	17.25 0.18 -3.97	29.55 0.50 -1.16	23.27 0.33 0.00	25.29 0.43 0.00	21.29 0.35 -0.10	9.03 0.05 -4.97	6.88 0.01 -6.08	4.89 -0.04 -7.37	6.03 0.00 -5.94	14.79 0.20 -2.56	21.78 0.32 -0.06	23.33 0.32 -0.49	43.12 0.75 0.00	149.09 2.64 0.00	31.03 0.33 0.00	20.78 0.21 0.00	18.26 0.23 0.00
NEG___GEN_MONROE 24207	0.00 0.01 -3.59	1.51 0.00 -3.13	2.37 0.01 -2.95	6.49 -0.09 -2.23	3.29 -0.01 -2.84	5.89 -0.03 -2.70	9.73 -0.14 -1.89	14.49 -0.23 -1.63	28.03 -0.33 -0.48	22.82 -0.12 0.00	24.67 -0.19 0.00	20.56 -0.32 -0.04	5.96 -0.10 -2.05	3.27 -0.02 -2.50	0.62 0.04 -3.02	2.53 0.00 -2.44	12.77 -0.31 -1.05	20.90 -0.52 -0.03	22.18 -0.53 -0.20	41.49 -0.88 0.00	144.02 -2.43 0.00	30.09 -0.61 0.00	20.14 -0.43 0.00	17.60 -0.43 0.00
NEPA___ENERGY 23901	1.98 0.00 -5.58	3.26 0.01 -4.87	4.01 0.01 -4.59	7.74 -0.07 -3.47	4.87 -0.01 -4.42	7.39 -0.03 -4.19	10.81 -0.10 -2.94	15.47 -0.16 -2.53	28.58 -0.05 -0.74	23.04 0.10 0.00	25.05 0.19 0.00	21.01 0.11 -0.07	7.16 -0.03 -3.18	4.66 0.00 -3.88	2.25 -0.01 -4.70	3.88 0.00 -3.79	13.60 -0.06 -1.63	21.22 -0.22 -0.04	22.49 -0.34 -0.32	41.82 -0.54 0.00	144.99 -1.46 0.00	30.05 -0.65 0.00	20.22 -0.35 0.00	17.75 -0.28 0.00
NEVERSINK___HYD 23608	19.13 -0.24 -22.98	18.28 -0.14 -20.04	18.26 -0.05 -18.89	18.99 0.36 -14.29	18.70 0.04 -18.20	20.77 0.29 -17.25	20.75 0.68 -12.10	24.61 1.10 -10.42	33.45 2.52 -3.04	24.90 1.95 0.00	27.06 2.19 0.00	23.10 1.99 -0.27	17.44 0.37 -13.05	16.82 0.07 -15.96	16.68 -0.24 -19.36	15.71 0.02 -15.60	19.91 1.17 -6.71	23.57 2.01 -0.16	25.96 2.12 -1.33	46.33 3.96 0.00	158.73 12.28 0.00	33.38 2.68 0.00	22.36 1.78 0.00	19.45 1.42 0.00
NEWKRMKL_115KV_TB1 55635	29.08 -0.16 -32.85	26.95 -0.07 -28.64	26.40 -0.02 -27.01	24.96 0.20 -20.42	26.50 0.02 -26.03	28.03 0.14 -24.66	25.64 0.37 -17.30	28.61 0.61 -14.90	33.48 1.24 -4.35	23.77 0.83 0.00	25.74 0.88 0.00	22.12 0.89 -0.39	22.85 0.18 -18.65	23.64 0.03 -22.82	25.14 -0.10 -27.68	22.39 0.01 -22.30	22.14 0.52 -9.59	22.58 0.95 -0.24	25.42 1.02 -1.90	44.21 1.85 0.00	152.82 6.37 0.00	32.07 1.37 0.00	21.48 0.91 0.00	18.83 0.80 0.00
NEWTON___FALLS_HYD 23847	-2.67 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.36 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 -0.01	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.95 -0.25	20.45 -0.78 -0.01	21.79 -0.93 -0.05	41.44 -0.93 0.00	144.32 -2.13 0.00	30.55 -0.15 0.00	20.36 -0.22 0.00	17.99 -0.05 0.00
NGRID_A1_DSASP 323792	0.91 0.15 -4.36	2.27 0.09 -3.80	3.02 0.04 -3.58	6.75 -0.31 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.02 -1.05 -1.98	26.30 -2.17 -0.58	21.51 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.48 -0.05	6.19 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.06 0.02 -2.95	12.37 -0.93 -1.27	19.74 -1.69 -0.03	20.83 -1.93 -0.25	38.75 -3.62 0.00	134.71 -11.74 0.00	28.00 -2.70 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
NGRID_A2_DSASP 323793	0.91 0.15 -4.36	2.27 0.09 -3.80	3.02 0.04 -3.58	6.75 -0.31 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.02 -1.05 -1.98	26.30 -2.17 -0.58	21.51 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.48 -0.05	6.19 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.06 0.02 -2.95	12.37 -0.93 -1.27	19.74 -1.69 -0.03	20.83 -1.93 -0.25	38.75 -3.62 0.00	134.71 -11.74 0.00	28.00 -2.70 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
NGRID_A4_DSASP 323807	0.90 0.15 -4.36	2.27 0.08 -3.80	3.02 0.04 -3.58	6.75 -0.30 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.03 -1.05 -1.98	26.31 -2.17 -0.58	21.52 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.47 -0.05	6.18 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.05 0.01 -2.95	12.39 -0.91 -1.27	19.73 -1.70 -0.03	20.85 -1.92 -0.25	38.74 -3.62 0.00	134.82 -11.63 0.00	28.00 -2.71 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
NIAGARA_115E_LBMP 323715	0.87 0.12 -4.36	2.25 0.07 -3.80	3.03 0.04 -3.58	6.74 -0.32 -2.71	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.61 -2.30	14.04 -1.03 -1.97	26.33 -2.14 -0.58	21.51 -1.43 0.00	23.37 -1.49 0.00	19.47 -1.42 -0.05	6.19 -0.31 -2.48	3.76 -0.06 -3.03	1.38 0.14 -3.67	3.07 0.02 -2.96	12.32 -0.98 -1.27	19.72 -1.71 -0.03	20.85 -1.90 -0.25	38.76 -3.60 0.00	135.09 -11.36 0.00	28.09 -2.62 0.00	18.87 -1.71 0.00	16.53 -1.51 0.00

NIAGARA_115W_LBMP 323714	0.91 0.16 -4.35	2.27 0.09 -3.80	3.02 0.04 -3.57	6.74 -0.31 -2.70	3.86 -0.03 -3.44	6.27 -0.23 -3.27	9.63 -0.64 -2.30	13.99 -1.08 -1.98	26.23 -2.24 -0.58	21.45 -1.48 0.00	23.25 -1.61 0.00	19.36 -1.53 -0.05	6.18 -0.32 -2.48	3.76 -0.06 -3.03	1.39 0.15 -3.67	3.06 0.02 -2.95	12.34 -0.96 -1.27	19.69 -1.74 -0.03	20.77 -1.99 -0.25	38.64 -3.72 0.00	134.42 -12.03 0.00	27.93 -2.77 0.00	18.77 -1.80 0.00	16.44 -1.59 0.00
NIAGARA_230_LBMP 323716	0.81 0.11 -4.30	2.20 0.06 -3.75	2.98 0.03 -3.54	6.75 -0.27 -2.68	3.84 -0.03 -3.41	6.29 -0.18 -3.23	9.73 -0.51 -2.27	14.17 -0.87 -1.95	26.67 -1.77 -0.55	21.80 -1.13 0.01	23.65 -1.20 0.01	19.70 -1.17 -0.03	6.21 -0.25 -2.45	3.73 -0.05 -3.00	1.30 0.11 -3.63	3.02 0.01 -2.92	12.47 -0.81 -1.25	19.98 -1.43 -0.01	21.11 -1.63 -0.23	39.31 -3.05 0.00	136.77 -9.68 0.00	28.46 -2.25 0.00	19.11 -1.46 0.00	16.74 -1.29 0.00
NIAGARA__115KV_198_GIBSON 55903	0.91 0.16 -4.35	2.27 0.09 -3.80	3.02 0.04 -3.57	6.74 -0.31 -2.70	3.86 -0.03 -3.44	6.27 -0.23 -3.27	9.63 -0.65 -2.30	13.99 -1.08 -1.98	26.23 -2.24 -0.58	21.46 -1.48 0.00	23.25 -1.62 0.00	19.37 -1.52 -0.05	6.17 -0.32 -2.48	3.75 -0.06 -3.03	1.39 0.15 -3.67	3.05 0.02 -2.95	12.37 -0.93 -1.27	19.68 -1.75 -0.03	20.79 -1.97 -0.25	38.65 -3.72 0.00	134.52 -11.93 0.00	27.93 -2.77 0.00	18.77 -1.81 0.00	16.44 -1.59 0.00
NIAGARA____ 23760	0.90 0.15 -4.36	2.26 0.08 -3.80	3.02 0.04 -3.57	6.75 -0.30 -2.70	3.86 -0.03 -3.44	6.28 -0.21 -3.26	9.68 -0.57 -2.28	14.09 -0.96 -1.96	26.48 -1.98 -0.57	21.65 -1.29 0.01	23.49 -1.37 0.01	19.56 -1.32 -0.04	6.20 -0.29 -2.47	3.75 -0.05 -3.02	1.37 0.14 -3.66	3.06 0.02 -2.94	12.40 -0.89 -1.26	19.84 -1.57 -0.02	20.97 -1.78 -0.24	39.02 -3.34 0.00	135.79 -10.66 0.00	28.24 -2.46 0.00	18.98 -1.60 0.00	16.62 -1.42 0.00
NINE_MILE_1 23575	-1.43 0.13 -2.05	0.22 0.06 -1.78	1.12 0.02 -1.68	5.44 -0.18 -1.27	2.06 -0.02 -1.62	4.65 -0.12 -1.54	8.76 -0.30 -1.08	13.54 -0.49 -0.93	27.16 -1.00 -0.27	22.12 -0.82 0.00	23.99 -0.87 0.00	20.08 -0.78 -0.02	5.02 -0.16 -1.17	2.17 -0.03 -1.43	-0.62 0.09 -1.73	1.48 0.00 -1.39	12.15 -0.48 -0.60	20.61 -0.80 -0.02	21.86 -0.78 -0.13	40.96 -1.41 0.00	141.73 -4.72 0.00	29.65 -1.06 0.00	19.85 -0.73 0.00	17.39 -0.64 0.00
NINE_MILE_2 23744	-1.44 0.13 -2.04	0.22 0.06 -1.78	1.12 0.02 -1.68	5.44 -0.18 -1.27	2.05 -0.02 -1.62	4.64 -0.12 -1.53	8.76 -0.30 -1.08	13.53 -0.49 -0.93	27.16 -1.00 -0.27	22.12 -0.82 0.00	23.99 -0.87 0.00	20.08 -0.78 -0.02	5.02 -0.16 -1.16	2.17 -0.03 -1.42	-0.62 0.09 -1.72	1.48 0.00 -1.39	12.15 -0.48 -0.60	20.61 -0.79 -0.02	21.86 -0.78 -0.13	40.98 -1.39 0.00	141.73 -4.72 0.00	29.65 -1.06 0.00	19.85 -0.73 0.00	17.39 -0.64 0.00
NM_CAPITAL____DRP 24208	28.95 -0.16 -32.72	26.84 -0.07 -28.53	26.29 -0.02 -26.90	24.88 0.19 -20.34	26.39 0.02 -25.92	27.92 0.14 -24.55	25.55 0.35 -17.22	28.52 0.58 -14.84	33.39 1.16 -4.33	23.70 0.76 0.00	25.67 0.80 0.00	22.05 0.83 -0.39	22.76 0.17 -18.58	23.54 0.03 -22.73	25.04 -0.10 -27.57	22.30 0.00 -22.21	22.07 0.49 -9.55	22.52 0.89 -0.23	25.34 0.94 -1.89	44.07 1.71 0.00	152.38 5.93 0.00	31.98 1.27 0.00	21.42 0.85 0.00	18.78 0.75 0.00
NM_CENTRAL____DRP 24181	-0.69 0.03 -2.88	0.91 0.02 -2.51	1.79 0.01 -2.37	6.06 -0.08 -1.79	2.73 -0.01 -2.28	5.35 -0.04 -2.16	9.40 -0.09 -1.52	14.26 -0.14 -1.31	28.03 -0.24 -0.38	22.74 -0.20 0.00	24.66 -0.21 0.00	20.66 -0.22 -0.03	5.60 -0.06 -1.64	2.78 -0.01 -2.00	0.02 0.03 -2.43	2.05 0.00 -1.95	12.71 -0.15 -0.84	21.16 -0.25 -0.02	22.40 -0.27 -0.16	41.92 -0.44 0.00	145.04 -1.41 0.00	30.32 -0.39 0.00	20.28 -0.29 0.00	17.77 -0.27 0.00
NM_FRONTIER____DRP 24179	0.91 0.16 -4.35	2.27 0.09 -3.80	3.02 0.04 -3.57	6.74 -0.31 -2.70	3.86 -0.03 -3.44	6.27 -0.23 -3.27	9.63 -0.65 -2.30	13.99 -1.08 -1.98	26.23 -2.24 -0.58	21.46 -1.48 0.00	23.25 -1.62 0.00	19.37 -1.52 -0.05	6.17 -0.32 -2.48	3.75 -0.06 -3.03	1.39 0.15 -3.67	3.05 0.02 -2.95	12.37 -0.93 -1.27	19.68 -1.75 -0.03	20.79 -1.97 -0.25	38.65 -3.72 0.00	134.52 -11.93 0.00	27.93 -2.77 0.00	18.77 -1.81 0.00	16.44 -1.59 0.00
NM_ST_REGIS____HYD 24053	-3.54 0.07 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.29 -0.05 0.00	0.45 -0.01 0.00	3.17 -0.06 0.00	7.84 -0.14 0.00	12.82 -0.27 0.00	27.26 -0.63 0.00	22.76 -0.18 0.00	24.62 -0.24 0.00	20.17 -0.67 0.00	3.89 -0.13 0.00	0.76 -0.02 0.00	-0.56 0.11 -1.76	1.01 -0.01 -0.92	11.41 -0.61 0.00	20.42 -0.97 0.00	21.64 -0.87 0.00	41.12 -1.24 0.00	142.95 -3.49 0.00	30.37 -0.34 0.00	20.30 -0.27 0.00	17.91 -0.12 0.00
NORTHPORT____1 23551	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.83 0.25 -20.36	22.97 0.71 -14.28	26.52 1.13 -12.30	33.78 2.30 -3.59	24.81 1.88 0.00	26.94 2.08 0.00	23.00 1.84 -0.32	19.78 0.37 -15.40	19.69 0.07 -18.84	20.18 -0.23 -22.85	36.90 0.00 -36.81	24.01 1.26 -10.72	23.56 1.97 -0.19	26.09 2.01 -1.57	45.92 3.56 0.00	157.44 10.99 0.00	32.81 2.10 0.00	22.15 1.58 0.00	19.47 1.43 0.00
NORTHPORT____2 23552	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.83 0.25 -20.36	22.97 0.71 -14.28	26.52 1.13 -12.30	33.78 2.30 -3.59	24.81 1.88 0.00	26.94 2.08 0.00	23.00 1.84 -0.32	19.78 0.37 -15.40	19.69 0.07 -18.84	20.18 -0.23 -22.85	36.90 0.00 -36.81	24.01 1.26 -10.72	23.56 1.97 -0.19	26.09 2.01 -1.57	45.92 3.56 0.00	157.44 10.99 0.00	32.81 2.10 0.00	22.15 1.58 0.00	19.47 1.43 0.00
NORTHPORT____3 23553	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.56 0.35 -16.86	21.98 0.03 -21.49	21.76 0.25 -18.28	11.41 0.73 -2.71	26.47 1.07 -12.30	33.65 2.17 -3.59	24.69 1.75 0.00	26.82 1.95 0.00	22.93 1.77 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.22 -22.85	36.90 0.00 -36.81	23.96 1.21 -10.72	23.49 1.90 -0.19	26.01 1.93 -1.57	44.93 3.60 1.04	149.55 11.88 8.79	31.87 2.23 1.06	21.90 1.60 0.27	19.37 1.34 0.00
NORTHPORT____4 23650	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.56 0.35 -16.86	21.98 0.03 -21.49	21.76 0.25 -18.28	11.41 0.73 -2.71	26.47 1.07 -12.30	33.65 2.17 -3.59	24.69 1.75 0.00	26.82 1.95 0.00	22.93 1.77 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.22 -22.85	36.90 0.00 -36.81	23.96 1.21 -10.72	23.49 1.90 -0.19	26.01 1.93 -1.57	44.93 3.60 1.04	149.55 11.88 8.79	31.87 2.23 1.06	21.90 1.60 0.27	19.37 1.34 0.00
NORTHPORT____IC 23718	24.61 -0.33 -28.55	26.04 -0.15 -27.81	27.22 -0.05 -27.86	21.57 0.36 -16.86	21.98 0.04 -21.49	23.83 0.25 -20.36	22.97 0.71 -14.28	26.52 1.13 -12.30	33.78 2.30 -3.59	24.81 1.88 0.00	26.94 2.08 0.00	23.00 1.84 -0.32	19.78 0.37 -15.40	19.69 0.07 -18.84	20.18 -0.23 -22.85	36.90 0.00 -36.81	24.01 1.26 -10.72	23.56 1.97 -0.19	26.09 2.01 -1.57	45.92 3.56 0.00	157.44 10.99 0.00	32.81 2.10 0.00	22.15 1.58 0.00	19.47 1.43 0.00

NORTH__COUNTRY_ESR 323785	-3.55 0.05 0.00	-1.59 0.03 0.00	-0.58 0.00 0.00	4.32 -0.03 0.00	0.45 0.00 0.00	3.22 -0.01 0.00	7.94 -0.03 0.00	12.95 -0.14 0.00	27.27 -0.62 0.00	22.34 -0.60 0.00	24.34 -0.52 0.00	20.10 -0.74 0.00	3.87 -0.14 0.00	0.76 -0.03 0.00	-8.82 0.15 6.54	-3.35 -0.02 3.43	11.39 -0.63 0.00	20.47 -0.92 0.00	21.82 -0.69 0.00	41.74 -0.63 0.00	145.88 -0.57 0.00	30.55 -0.15 0.00	20.43 -0.14 0.00	17.91 -0.12 0.00
NPX_GEN_1385_PROXY 323591	24.71 -0.23 -28.55	26.06 -0.12 -27.81	27.23 -0.04 -27.86	21.52 0.31 -16.86	21.97 0.03 -21.49	23.99 0.19 -20.57	21.70 0.67 -13.05	26.34 0.95 -12.30	33.37 1.89 -3.59	24.48 1.54 0.00	26.46 1.60 0.00	22.42 1.26 -0.32	19.69 0.28 -15.40	19.67 0.05 -18.84	20.24 -0.17 -22.85	36.92 0.02 -36.81	23.67 0.92 -10.72	23.10 1.52 -0.19	25.57 1.50 -1.57	45.59 3.22 0.00	154.43 7.97 0.00	32.41 1.71 0.00	21.89 1.31 0.00	19.26 1.23 0.00
NPX_GEN_CSC 323557	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.40 0.31 -38.86	124.01 0.90 -115.14	26.81 1.41 -12.30	34.29 2.80 -3.60	25.11 2.17 0.00	27.20 2.34 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.20 1.45 -10.72	23.98 2.40 -0.19	26.63 2.56 -1.57	56.06 4.57 -9.13	239.09 15.16 -77.48	42.84 2.77 -9.36	24.97 1.99 -2.40	19.78 1.74 -0.01
NSINS_S_GLNS_FALLS 23858	30.19 -0.14 -33.93	27.91 -0.06 -29.59	27.29 -0.02 -27.90	25.56 0.14 -21.07	27.32 0.02 -26.85	28.80 0.12 -25.44	26.20 0.35 -17.87	29.08 0.59 -15.40	33.45 1.07 -4.50	23.46 0.52 0.00	25.45 0.59 0.00	21.82 0.58 -0.40	23.43 0.12 -19.29	24.41 0.02 -23.61	26.14 -0.06 -28.64	23.15 -0.01 -23.07	22.37 0.42 -9.92	22.52 0.89 -0.24	25.51 1.04 -1.96	44.27 1.90 0.00	153.28 6.83 0.00	32.16 1.45 0.00	21.47 0.89 0.00	18.77 0.74 0.00
NUCOR_STEEL__DRP 24197	0.25 -0.04 -3.90	1.77 -0.01 -3.40	2.62 0.00 -3.20	6.78 0.00 -2.42	3.55 0.00 -3.09	6.18 0.03 -2.93	10.12 0.10 -2.05	15.03 0.17 -1.77	28.80 0.39 -0.52	23.23 0.30 0.00	25.17 0.31 0.00	21.06 0.18 -0.05	6.27 0.01 -2.24	3.52 0.00 -2.73	0.83 -0.01 -3.28	2.73 0.00 -2.65	13.24 0.07 -1.14	21.66 0.24 -0.03	22.79 0.07 -0.21	42.62 0.26 0.00	147.53 1.08 0.00	30.80 0.10 0.00	20.59 0.02 0.00	18.03 0.00 0.00
NUMBER_THREE_WT_PWR 323818	-2.39 0.04 -1.18	-0.56 0.04 -1.03	0.39 0.01 -0.97	5.03 -0.05 -0.73	1.39 0.00 -0.93	4.09 -0.03 -0.88	8.57 -0.03 -0.62	13.50 -0.14 -0.55	27.81 -0.25 -0.17	23.06 0.12 0.00	24.91 0.04 0.00	20.47 -0.38 -0.02	4.60 -0.15 -0.73	1.64 -0.03 -0.88	-1.01 0.10 -1.33	1.06 0.00 -0.97	11.91 -0.46 -0.34	20.77 -0.63 -0.01	22.24 -0.34 -0.07	42.45 0.08 0.00	147.70 1.25 0.00	31.09 0.39 0.00	20.64 0.06 0.00	18.25 0.22 0.00
NYISO_LBMP_REFERENCE 24008	-3.61 0.00 0.00	-1.62 0.00 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.45 0.00 0.00	3.23 0.00 0.00	7.97 0.00 0.00	13.09 0.00 0.00	27.89 0.00 0.00	22.94 0.00 0.00	24.86 0.00 0.00	20.84 0.00 0.00	4.01 0.00 0.00	0.78 0.00 0.00	-2.44 0.00 0.00	0.09 0.00 0.00	12.03 0.00 0.00	21.39 0.00 0.00	22.51 0.00 0.00	42.37 0.00 0.00	146.45 0.00 0.00	30.70 0.00 0.00	20.58 0.00 0.00	18.03 0.00 0.00
NYPA_BRENTWD__GT 24164	24.56 -0.38 -28.55	26.02 -0.17 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	27.64 0.29 -24.13	44.09 0.80 -35.32	26.68 1.28 -12.30	34.15 2.66 -3.59	25.07 2.13 0.00	27.19 2.33 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.16 -0.25 -22.85	36.90 0.00 -36.81	24.16 1.41 -10.72	23.86 2.27 -0.19	26.45 2.37 -1.57	48.52 4.27 -1.88	176.10 13.68 -15.97	35.25 2.62 -1.93	22.95 1.88 -0.49	19.69 1.65 0.00
NYPA_GOWANUS__GT5 24156	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NYPA_GOWANUS__GT6 24157	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.41 1.01 -12.30	33.79 2.31 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.06 1.90 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.14 1.19 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.61 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.30 1.27 0.00
NYPA_HARLEM_RVR_GT1 24160	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.33 0.94 -12.30	33.66 2.17 -3.59	24.60 1.65 0.00	26.68 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.85 1.77 -1.56	45.35 2.99 0.00	155.89 9.44 0.00	32.69 1.99 0.00	21.99 1.42 0.00	19.24 1.21 0.00
NYPA_HARLEM_RVR_GT2 24161	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.33 0.94 -12.30	33.66 2.17 -3.59	24.60 1.65 0.00	26.68 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.85 1.77 -1.56	45.35 2.99 0.00	155.89 9.44 0.00	32.69 1.99 0.00	21.99 1.42 0.00	19.24 1.21 0.00
NYPA_KENT__GT 24152	23.23 -0.28 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.87 0.61 -14.28	26.38 0.99 -12.30	33.76 2.28 -3.59	24.70 1.77 0.00	26.84 1.98 0.00	23.02 1.87 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.12 1.18 -7.92	23.51 1.93 -0.19	25.98 1.90 -1.56	45.55 3.19 0.00	156.50 10.05 0.00	32.81 2.10 0.00	22.06 1.48 0.00	19.28 1.25 0.00
NYPA_POUCH1__GT 24155	23.20 -0.30 -27.12	21.89 -0.13 -23.64	21.66 -0.04 -22.29	21.52 0.31 -16.86	21.97 0.04 -21.48	23.84 0.25 -20.35	22.90 0.65 -14.28	26.42 1.03 -12.30	33.72 2.24 -3.59	24.73 1.79 0.00	26.82 1.96 0.00	23.01 1.85 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.11 1.17 -7.92	23.51 1.93 -0.19	25.96 1.88 -1.56	45.53 3.17 0.00	155.94 9.49 0.00	32.67 1.97 0.00	22.04 1.47 0.00	19.27 1.24 0.00
NYPA_VERNON__GT2 24162	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.85 0.60 -14.28	26.37 0.98 -12.30	33.73 2.25 -3.59	24.67 1.73 0.00	26.81 1.94 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.11 1.16 -7.92	23.49 1.90 -0.19	25.95 1.87 -1.56	45.52 3.16 0.00	156.35 9.89 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.26 1.23 0.00

NYPA_VERNON____GT3 24163	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.85 0.60 -14.28	26.37 0.98 -12.30	33.73 2.25 -3.59	24.67 1.73 0.00	26.81 1.94 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.11 1.16 -7.92	23.49 1.90 -0.19	25.95 1.87 -1.56	45.52 3.16 0.00	156.35 9.89 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.26 1.23 0.00
NYPA____ASTORIA_CC1 323568	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
NYPA____ASTORIA_CC2 323569	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.67 0.00	26.74 1.88 0.00	22.94 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.08 1.13 -7.92	23.43 1.84 -0.19	25.89 1.81 -1.56	45.41 3.04 0.00	156.00 9.55 0.00	32.71 2.00 0.00	21.98 1.41 0.00	19.22 1.19 0.00
NYPA____HOLTSVILL 23794	24.57 -0.36 -28.55	26.03 -0.16 -27.81	27.22 -0.06 -27.86	21.61 0.41 -16.86	21.98 0.04 -21.49	41.88 0.29 -38.36	123.56 0.82 -114.76	26.68 1.28 -12.30	34.08 2.60 -3.60	24.98 2.05 0.00	27.10 2.23 0.00	23.11 1.95 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.89 -0.01 -36.81	24.10 1.35 -10.72	23.77 2.18 -0.19	26.36 2.29 -1.57	55.42 4.07 -8.99	235.90 13.19 -76.26	42.40 2.48 -9.22	24.74 1.81 -2.36	19.62 1.58 -0.01
NYPA____HELLGATE_GT1 24158	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.33 0.94 -12.30	33.66 2.17 -3.59	24.60 1.65 0.00	26.68 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.85 1.77 -1.56	45.35 2.99 0.00	155.89 9.44 0.00	32.69 1.99 0.00	21.99 1.42 0.00	19.24 1.21 0.00
NYPA____HELLGATE_GT2 24159	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.96 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.33 0.94 -12.30	33.66 2.17 -3.59	24.60 1.65 0.00	26.68 1.81 0.00	22.91 1.75 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.11 -7.92	23.40 1.81 -0.19	25.85 1.77 -1.56	45.35 2.99 0.00	155.89 9.44 0.00	32.69 1.99 0.00	21.99 1.42 0.00	19.24 1.21 0.00
NYS_BARGE____HYD 23848	0.76 0.08 -4.29	2.17 0.05 -3.74	2.97 0.03 -3.53	6.76 -0.25 -2.67	3.83 -0.03 -3.40	6.28 -0.17 -3.22	9.77 -0.47 -2.26	14.25 -0.79 -1.95	26.84 -1.62 -0.57	21.94 -0.99 0.00	23.82 -1.04 0.00	19.85 -1.04 -0.05	6.22 -0.24 -2.44	3.73 -0.04 -2.99	1.28 0.10 -3.62	3.02 0.02 -2.91	12.51 -0.77 -1.25	20.09 -1.33 -0.03	21.26 -1.50 -0.24	39.59 -2.78 0.00	137.94 -8.51 0.00	28.70 -2.01 0.00	19.25 -1.32 0.00	16.85 -1.18 0.00
OAK ORCHARD____HYD 24046	0.02 0.03 -3.59	1.54 0.03 -3.13	2.38 0.01 -2.95	6.44 -0.14 -2.23	3.29 -0.01 -2.84	5.86 -0.07 -2.70	9.68 -0.18 -1.89	14.42 -0.30 -1.63	27.79 -0.58 -0.48	22.63 -0.31 0.00	24.50 -0.36 0.00	20.44 -0.44 -0.04	5.95 -0.11 -2.05	3.26 -0.02 -2.50	0.63 0.04 -3.02	2.53 0.00 -2.44	12.72 -0.36 -1.05	20.85 -0.57 -0.03	22.09 -0.62 -0.20	41.22 -1.14 0.00	143.18 -3.27 0.00	29.82 -0.88 0.00	19.97 -0.61 0.00	17.46 -0.58 0.00
OAKDALE__35_KV_LOAD 356122	5.02 -0.05 -8.68	5.93 -0.02 -7.56	6.54 0.00 -7.13	9.77 0.02 -5.39	7.34 0.00 -6.87	9.78 0.03 -6.51	12.63 0.09 -4.57	17.18 0.15 -3.94	29.46 0.43 -1.15	23.20 0.27 0.00	25.23 0.37 0.00	21.24 0.30 -0.10	8.99 0.04 -4.93	6.83 0.01 -6.03	4.84 -0.04 -7.31	5.98 0.00 -5.89	14.74 0.18 -2.54	21.72 0.27 -0.06	23.26 0.26 -0.49	42.97 0.61 0.00	148.66 2.21 0.00	30.94 0.24 0.00	20.73 0.15 0.00	18.21 0.18 0.00
OCC_CHEM____DRP 24175	0.90 0.15 -4.36	2.27 0.08 -3.80	3.02 0.04 -3.58	6.75 -0.30 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.03 -1.05 -1.98	26.31 -2.17 -0.58	21.52 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.47 -0.05	6.18 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.05 0.01 -2.95	12.39 -0.91 -1.27	19.73 -1.70 -0.03	20.85 -1.92 -0.25	38.74 -3.62 0.00	134.82 -11.63 0.00	28.00 -2.71 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
OH_GEN_PROXY 24063	0.79 0.10 -4.30	2.19 0.06 -3.75	2.98 0.03 -3.54	6.77 -0.25 -2.68	3.84 -0.03 -3.41	6.51 -0.16 -3.44	8.55 -0.46 -1.04	14.26 -0.78 -1.95	26.88 -1.57 -0.57	21.96 -0.98 0.00	23.82 -1.04 0.00	19.86 -1.02 -0.05	6.23 -0.23 -2.45	3.73 -0.04 -3.00	1.28 0.10 -3.63	3.02 0.01 -2.92	12.56 -0.73 -1.26	20.14 -1.28 -0.03	21.27 -1.48 -0.24	39.57 -2.79 0.00	137.56 -8.89 0.00	28.61 -2.09 0.00	19.22 -1.36 0.00	16.84 -1.20 0.00
OLIN_CORP_DRP 24177	0.89 0.12 -4.38	2.27 0.06 -3.82	3.05 0.04 -3.60	6.76 -0.31 -2.73	3.90 -0.03 -3.47	6.31 -0.21 -3.29	9.68 -0.60 -2.31	14.09 -1.00 -1.99	26.43 -2.05 -0.58	21.57 -1.38 0.00	23.43 -1.44 0.00	19.53 -1.37 -0.05	6.20 -0.31 -2.49	3.78 -0.06 -3.05	1.40 0.14 -3.69	3.08 0.01 -2.98	12.39 -0.92 -1.28	19.77 -1.66 -0.03	20.93 -1.83 -0.25	38.84 -3.52 0.00	135.45 -11.00 0.00	28.14 -2.56 0.00	18.91 -1.67 0.00	16.56 -1.48 0.00
OLIN_CORP_DSASP 323712	0.91 0.15 -4.36	2.27 0.09 -3.80	3.02 0.04 -3.58	6.75 -0.31 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.02 -1.05 -1.98	26.30 -2.17 -0.58	21.51 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.48 -0.05	6.19 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.06 0.02 -2.95	12.37 -0.93 -1.27	19.74 -1.69 -0.03	20.83 -1.93 -0.25	38.75 -3.62 0.00	134.71 -11.74 0.00	28.00 -2.70 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
ONEIDA_HERK_LFGE 323681	-2.58 -0.02 -1.05	-0.70 0.00 -0.92	0.28 0.00 -0.86	5.03 0.02 -0.65	1.29 0.01 -0.83	4.05 0.03 -0.79	8.62 0.09 -0.55	13.68 0.10 -0.48	28.35 0.32 -0.15	23.31 0.37 0.00	25.20 0.34 0.00	20.94 0.09 -0.01	4.62 -0.02 -0.62	1.54 0.00 -0.76	-1.38 0.02 -1.04	0.89 0.00 -0.79	12.25 -0.08 -0.31	21.35 -0.05 -0.01	22.70 0.13 -0.06	43.06 0.70 0.00	149.09 2.64 0.00	31.35 0.64 0.00	20.90 0.33 0.00	18.36 0.33 0.00
ONEIDA____115KV_TB4 55905	-1.79 -0.06 -1.87	-0.01 -0.03 -1.64	0.95 -0.01 -1.54	5.57 0.06 -1.17	1.95 0.01 -1.48	4.70 0.06 -1.41	9.13 0.16 -0.99	14.21 0.26 -0.85	28.83 0.69 -0.25	23.48 0.54 0.00	25.37 0.51 0.00	21.19 0.33 -0.02	5.12 0.03 -1.07	2.10 0.01 -1.31	-0.88 -0.03 -1.58	1.37 0.01 -1.27	12.68 0.10 -0.55	21.66 0.25 -0.01	22.98 0.37 -0.10	43.41 1.05 0.00	150.14 3.69 0.00	31.52 0.82 0.00	21.06 0.48 0.00	18.44 0.41 0.00

ONONDAGA_REF_OCCRA 23987	-0.13 0.01 -3.46	1.41 0.01 -3.02	2.27 0.00 -2.85	6.46 -0.05 -2.15	3.20 0.00 -2.74	5.82 -0.01 -2.60	9.78 -0.02 -1.83	14.64 -0.03 -1.57	28.35 0.00 -0.46	22.92 -0.02 0.00	24.85 -0.02 0.00	20.81 -0.06 -0.04	5.95 -0.03 -1.96	3.18 0.00 -2.40	0.49 0.01 -2.92	2.44 0.00 -2.35	12.97 -0.06 -1.01	21.33 -0.08 -0.02	22.59 -0.12 -0.19	42.26 -0.10 0.00	146.21 -0.24 0.00	30.56 -0.14 0.00	20.44 -0.13 0.00	17.90 -0.13 0.00
ONONDAGA___COGEN 23986	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 -0.01 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.02 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.05 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.80 -0.65 0.00	30.48 -0.23 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
ONTARIO___LFGE 23819	0.60 -0.03 -4.24	2.07 -0.01 -3.70	2.90 0.00 -3.48	6.97 -0.01 -2.64	3.81 0.00 -3.36	6.44 0.03 -3.18	10.28 0.07 -2.23	15.15 0.13 -1.92	28.88 0.43 -0.56	23.32 0.38 0.00	25.29 0.43 0.00	21.11 0.23 -0.05	6.43 0.00 -2.42	3.74 0.00 -2.96	1.12 -0.01 -3.57	2.98 0.01 -2.88	13.27 0.00 -1.24	21.52 0.10 -0.03	22.86 0.12 -0.24	42.87 0.50 0.00	148.09 1.64 0.00	30.96 0.26 0.00	20.73 0.15 0.00	18.17 0.14 0.00
ORANGEVILLE_WT_PWR 323706	1.77 0.06 -5.31	3.05 0.04 -4.63	3.80 0.02 -4.37	7.48 -0.17 -3.30	4.65 -0.02 -4.21	7.13 -0.10 -3.99	10.48 -0.29 -2.80	15.02 -0.48 -2.41	27.70 -0.90 -0.71	22.46 -0.48 -0.01	24.46 -0.41 -0.01	20.43 -0.48 -0.07	6.90 -0.13 -3.02	4.46 -0.02 -3.70	2.09 0.05 -4.48	3.70 0.01 -3.61	13.18 -0.40 -1.55	20.76 -0.68 -0.05	22.05 -0.77 -0.31	41.03 -1.34 0.00	142.49 -3.96 0.00	29.58 -1.13 0.00	19.86 -0.71 0.00	17.41 -0.62 0.00
ORANGEVILLE___ESR 323794	1.77 0.06 -5.31	3.05 0.04 -4.63	3.80 0.02 -4.37	7.48 -0.17 -3.30	4.65 -0.02 -4.21	7.13 -0.10 -3.99	10.48 -0.29 -2.80	15.02 -0.48 -2.41	27.70 -0.90 -0.71	22.46 -0.48 -0.01	24.46 -0.41 -0.01	20.43 -0.48 -0.07	6.90 -0.13 -3.02	4.46 -0.02 -3.70	2.09 0.05 -4.48	3.70 0.01 -3.61	13.18 -0.40 -1.55	20.76 -0.68 -0.05	22.05 -0.77 -0.31	41.03 -1.34 0.00	142.49 -3.96 0.00	29.58 -1.13 0.00	19.86 -0.71 0.00	17.41 -0.62 0.00
OSWEGATCHIE___HYD 24044	-2.68 0.06 -0.87	-0.82 0.04 -0.76	0.14 0.01 -0.72	4.81 -0.07 -0.54	1.14 -0.01 -0.69	3.82 -0.06 -0.65	8.31 -0.12 -0.46	13.21 -0.27 -0.39	27.37 -0.64 -0.12	22.78 -0.15 0.00	24.59 -0.27 0.00	20.16 -0.69 -0.01	4.34 -0.17 -0.49	1.36 -0.03 -0.62	-0.83 0.12 -1.49	1.07 0.00 -0.98	11.66 -0.62 -0.25	20.45 -0.95 -0.01	21.79 -0.78 -0.05	41.44 -0.92 0.00	144.31 -2.14 0.00	30.55 -0.15 0.00	20.36 -0.21 0.00	17.99 -0.05 0.00
OSWEGO___5 23606	-1.37 0.12 -2.13	0.29 0.06 -1.85	1.18 0.02 -1.75	5.50 -0.17 -1.32	2.12 -0.02 -1.68	4.72 -0.11 -1.60	8.83 -0.27 -1.12	13.61 -0.45 -0.96	27.26 -0.91 -0.28	22.21 -0.73 0.00	24.06 -0.80 0.00	20.15 -0.72 -0.03	5.08 -0.15 -1.21	2.23 -0.03 -1.48	-0.56 0.08 -1.79	1.53 0.00 -1.44	12.20 -0.44 -0.62	20.71 -0.70 -0.02	22.02 -0.64 -0.15	41.24 -1.13 0.00	142.70 -3.75 0.00	29.84 -0.87 0.00	19.97 -0.60 0.00	17.50 -0.53 0.00
OSWEGO___6 23613	-1.37 0.12 -2.13	0.29 0.06 -1.85	1.18 0.02 -1.75	5.50 -0.17 -1.32	2.12 -0.02 -1.68	4.72 -0.11 -1.60	8.83 -0.27 -1.12	13.61 -0.45 -0.96	27.26 -0.91 -0.28	22.21 -0.73 0.00	24.06 -0.80 0.00	20.15 -0.72 -0.03	5.08 -0.15 -1.21	2.23 -0.03 -1.48	-0.56 0.08 -1.79	1.53 0.00 -1.44	12.20 -0.44 -0.62	20.71 -0.70 -0.02	22.02 -0.64 -0.15	41.24 -1.13 0.00	142.70 -3.75 0.00	29.84 -0.87 0.00	19.97 -0.60 0.00	17.50 -0.53 0.00
OUTOKUMPU-AB___DRP 24206	0.89 0.06 -4.44	2.29 0.04 -3.87	3.08 0.02 -3.65	6.90 -0.20 -2.76	3.95 -0.02 -3.52	6.43 -0.14 -3.33	9.91 -0.40 -2.34	14.43 -0.68 -2.02	27.19 -1.29 -0.59	22.21 -0.73 0.00	24.10 -0.77 0.00	20.09 -0.81 -0.05	6.34 -0.20 -2.53	3.84 -0.04 -3.09	1.38 0.07 -3.74	3.11 0.01 -3.01	12.73 -0.59 -1.30	20.34 -1.09 -0.03	21.51 -1.25 -0.25	40.02 -2.34 0.00	139.27 -7.18 0.00	28.98 -1.73 0.00	19.45 -1.13 0.00	17.01 -1.02 0.00
OXBOW____ 24026	0.90 0.11 -4.40	2.28 0.06 -3.84	3.06 0.03 -3.61	6.83 -0.25 -2.73	3.91 -0.03 -3.48	6.36 -0.18 -3.30	9.79 -0.50 -2.32	14.24 -0.85 -2.00	26.77 -1.70 -0.58	21.88 -1.06 0.00	23.73 -1.14 0.00	19.77 -1.12 -0.05	6.27 -0.25 -2.50	3.80 -0.04 -3.07	1.38 0.11 -3.71	3.09 0.02 -2.98	12.55 -0.76 -1.29	20.06 -1.37 -0.03	21.18 -1.59 -0.25	39.43 -2.93 0.00	137.06 -9.38 0.00	28.52 -2.18 0.00	19.15 -1.43 0.00	16.76 -1.27 0.00
OXY_CHEM_DSASP 323612	0.90 0.15 -4.36	2.27 0.08 -3.80	3.02 0.04 -3.58	6.75 -0.30 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.03 -1.05 -1.98	26.31 -2.17 -0.58	21.52 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.47 -0.05	6.18 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.05 0.01 -2.95	12.39 -0.91 -1.27	19.73 -1.70 -0.03	20.85 -1.92 -0.25	38.74 -3.62 0.00	134.82 -11.63 0.00	28.00 -2.71 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
OZONE_PARK_ESR 323760	23.21 -0.30 -27.12	21.89 -0.13 -23.64	21.66 -0.05 -22.29	21.52 0.31 -16.86	21.97 0.03 -21.48	23.83 0.25 -20.35	22.90 0.65 -14.28	26.45 1.06 -12.30	33.90 2.43 -3.59	24.81 1.88 0.00	26.98 2.12 0.00	23.13 1.98 -0.32	19.80 0.39 -15.39	19.69 0.07 -18.84	20.17 -0.24 -22.85	18.50 0.01 -18.41	21.18 1.24 -7.92	23.64 2.06 -0.19	26.12 2.04 -1.56	45.85 3.48 0.00	157.54 11.09 0.00	33.03 2.32 0.00	22.18 1.61 0.00	19.38 1.35 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	0.90 0.15 -4.36	2.27 0.08 -3.80	3.02 0.04 -3.58	6.75 -0.30 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.03 -1.05 -1.98	26.31 -2.17 -0.58	21.52 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.47 -0.05	6.18 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.05 0.01 -2.95	12.39 -0.91 -1.27	19.73 -1.70 -0.03	20.85 -1.92 -0.25	38.74 -3.62 0.00	134.82 -11.63 0.00	28.00 -2.71 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
PACKARD__115KV_DUPONT_184 80571	0.90 0.15 -4.36	2.27 0.08 -3.80	3.02 0.04 -3.58	6.75 -0.30 -2.70	3.87 -0.03 -3.45	6.28 -0.22 -3.27	9.65 -0.62 -2.30	14.03 -1.05 -1.98	26.31 -2.17 -0.58	21.52 -1.43 0.00	23.31 -1.56 0.00	19.42 -1.47 -0.05	6.18 -0.31 -2.48	3.76 -0.06 -3.04	1.38 0.15 -3.67	3.05 0.01 -2.95	12.39 -0.91 -1.27	19.73 -1.70 -0.03	20.85 -1.92 -0.25	38.74 -3.62 0.00	134.82 -11.63 0.00	28.00 -2.71 0.00	18.81 -1.76 0.00	16.48 -1.55 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.47 0.27 -16.86	21.97 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.64 2.16 -3.59	24.59 1.65 0.00	26.68 1.82 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.21 -22.85	18.50 0.01 -18.41	21.04 1.09 -7.92	23.39 1.80 -0.19	25.85 1.78 -1.56	45.39 3.02 0.00	155.99 9.54 0.00	32.71 2.01 0.00	21.98 1.41 0.00	19.23 1.20 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.26 -0.25 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.29 -16.86	21.97 0.03 -21.48	23.82 0.23 -20.35	22.83 0.58 -14.28	26.30 0.91 -12.30	33.65 2.17 -3.59	24.59 1.65 0.00	26.68 1.82 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.21 -22.85	18.51 0.02 -18.41	21.01 1.07 -7.92	23.32 1.73 -0.19	25.78 1.71 -1.56	45.31 2.95 0.00	155.52 9.07 0.00	32.73 2.02 0.00	22.00 1.43 0.00	19.24 1.21 0.00
PATROON__115KV_TB1 80586	29.17 -0.17 -32.95	27.03 -0.07 -28.73	26.48 -0.03 -27.09	25.03 0.20 -20.48	26.58 0.02 -26.10	28.11 0.15 -24.73	25.71 0.38 -17.35	28.67 0.63 -14.94	33.53 1.28 -4.36	23.80 0.86 0.00	25.77 0.91 0.00	22.14 0.91 -0.39	22.91 0.18 -18.71	23.71 0.03 -22.89	25.22 -0.11 -27.77	22.46 0.00 -22.37	22.19 0.53 -9.62	22.61 0.98 -0.24	25.46 1.04 -1.90	44.26 1.90 0.00	153.02 6.57 0.00	32.11 1.41 0.00	21.51 0.94 0.00	18.85 0.82 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	1.17 0.01 -4.77	2.55 0.01 -4.16	3.34 0.01 -3.92	7.19 -0.12 -2.97	4.22 -0.01 -3.78	6.75 -0.06 -3.58	10.28 -0.21 -2.51	14.93 -0.33 -2.17	28.08 -0.45 -0.64	22.86 -0.08 -0.01	24.84 -0.03 -0.01	20.74 -0.17 -0.07	6.64 -0.09 -2.72	4.09 -0.02 -3.32	1.60 0.01 -4.02	3.34 0.01 -3.24	13.15 -0.27 -1.40	20.93 -0.50 -0.04	22.16 -0.63 -0.28	41.25 -1.12 0.00	143.45 -3.00 0.00	29.82 -0.88 0.00	20.02 -0.55 0.00	17.52 -0.51 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.43 -0.27 -27.30	22.07 -0.12 -23.81	21.82 -0.04 -22.45	21.61 0.29 -16.97	22.12 0.03 -21.63	23.95 0.23 -20.49	22.96 0.61 -14.37	26.48 1.01 -12.38	33.72 2.22 -3.62	24.59 1.65 0.00	26.68 1.82 0.00	22.87 1.71 -0.32	19.85 0.34 -15.50	19.81 0.06 -18.97	20.36 -0.21 -23.01	18.63 0.01 -18.53	21.07 1.08 -7.97	23.42 1.84 -0.20	25.96 1.87 -1.58	45.63 3.27 0.00	157.06 10.61 0.00	32.87 2.17 0.00	22.05 1.47 0.00	19.28 1.25 0.00
PEEKSKILL____ 23653	23.03 -0.24 -26.89	21.72 -0.11 -23.44	21.48 -0.04 -22.11	21.32 0.26 -16.71	21.78 0.03 -21.30	23.62 0.21 -20.18	22.67 0.54 -14.15	26.17 0.88 -12.19	33.43 1.98 -3.56	24.43 1.49 0.00	26.53 1.67 0.00	22.75 1.60 -0.32	19.60 0.32 -15.27	19.52 0.06 -18.68	20.02 -0.20 -22.65	18.34 0.00 -18.25	20.90 1.02 -7.85	23.27 1.69 -0.19	25.75 1.68 -1.55	45.24 2.87 0.00	155.59 9.14 0.00	32.58 1.88 0.00	21.87 1.30 0.00	19.12 1.09 0.00
PGE MADISON__WINDPWR 24146	4.44 -0.21 -8.25	5.47 -0.10 -7.19	6.16 -0.03 -6.79	9.70 0.22 -5.13	7.02 0.03 -6.54	9.65 0.22 -6.20	12.91 0.59 -4.35	17.82 0.99 -3.75	31.08 2.09 -1.09	24.55 1.61 0.00	26.36 1.50 0.00	21.90 0.96 -0.10	8.85 0.14 -4.69	6.55 0.03 -5.74	4.43 -0.09 -6.96	5.70 0.00 -5.60	14.87 0.43 -2.41	22.51 1.06 -0.06	24.45 1.47 -0.47	45.91 3.54 0.00	158.92 12.47 0.00	33.27 2.57 0.00	22.15 1.58 0.00	19.40 1.36 0.00
PIERCEFIELD__HYD 23852	-3.53 0.08 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.27 -0.08 0.00	0.45 -0.01 0.00	3.15 -0.08 0.00	7.78 -0.20 0.00	12.73 -0.36 0.00	27.13 -0.77 0.00	22.73 -0.21 0.00	24.54 -0.32 0.00	20.08 -0.76 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-1.21 0.12 -1.11	0.67 0.00 -0.58	11.37 -0.66 0.00	20.31 -1.08 0.00	21.49 -1.02 0.00	40.78 -1.59 0.00	141.57 -4.89 0.00	30.17 -0.54 0.00	20.18 -0.40 0.00	17.82 -0.21 0.00
PINELAWN_CC_1 323563	24.59 -0.35 -28.55	26.03 -0.15 -27.81	27.22 -0.06 -27.86	21.59 0.38 -16.86	21.98 0.04 -21.49	25.02 0.27 -21.52	29.51 0.77 -20.76	26.61 1.22 -12.30	33.95 2.47 -3.59	24.89 1.95 0.00	27.03 2.17 0.00	23.07 1.91 -0.32	19.80 0.39 -15.40	19.69 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.08 1.32 -10.72	20.73 2.14 2.81	22.95 2.22 1.79	46.00 3.98 0.35	160.64 12.88 -1.31	33.75 2.45 -0.59	22.49 1.76 -0.15	19.55 1.52 0.00
PJM_GEN_HTP_PROXY 323702	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.97 0.22 -20.52	22.30 0.57 -13.76	26.32 0.93 -12.30	32.41 2.16 -2.36	24.60 1.66 0.00	26.74 1.88 0.00	22.94 1.78 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.10 1.12 -7.95	23.43 1.84 -0.19	25.90 1.82 -1.56	45.41 3.05 0.00	156.02 9.57 0.00	35.15 2.02 -2.42	21.99 1.41 0.00	19.22 1.19 0.00
PJM_GEN_KEystone 24065	12.99 -0.12 -16.72	12.91 -0.05 -14.57	13.14 -0.02 -13.74	14.83 0.09 -10.39	13.71 0.01 -13.24	16.03 0.09 -12.71	16.48 0.21 -8.28	21.03 0.36 -7.58	29.81 0.94 -0.98	23.71 0.77 0.00	25.77 0.91 0.00	21.88 0.84 -0.20	13.65 0.14 -9.49	12.43 0.03 -11.61	11.54 -0.11 -14.08	11.45 0.01 -11.35	17.41 0.47 -4.91	22.25 0.73 -0.12	24.14 0.66 -0.96	43.50 1.14 0.00	150.10 3.65 0.00	33.72 0.59 -2.42	21.03 0.45 0.00	18.41 0.38 0.00
PJM_GEN_NEPTUNE_PROXY 323594	23.99 -0.30 -27.89	24.16 -0.14 -25.91	24.69 -0.05 -25.33	21.54 0.33 -16.86	21.97 0.03 -21.49	23.99 0.24 -20.52	22.40 0.66 -13.76	26.42 1.03 -12.30	32.40 2.16 -2.36	24.67 1.73 0.00	26.82 1.96 0.00	22.94 1.78 -0.32	19.77 0.36 -15.40	19.69 0.07 -18.84	20.19 -0.22 -22.85	28.52 0.00 -28.43	22.70 1.20 -9.48	24.52 1.87 -1.25	27.43 1.90 -3.02	46.14 3.37 -0.40	158.64 10.63 -1.57	35.22 2.09 -2.42	22.09 1.52 0.00	19.35 1.32 0.00
PJM_GEN_VFT_PROXY 323633	23.26 -0.24 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.46 0.25 -16.86	21.96 0.03 -21.48	23.95 0.20 -20.52	22.26 0.53 -13.76	26.25 0.86 -12.30	32.28 2.03 -2.36	24.47 1.53 0.00	26.62 1.76 0.00	22.84 1.68 -0.32	19.74 0.33 -15.39	19.68 0.06 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.04 1.06 -7.95	23.28 1.69 -0.19	25.74 1.66 -1.56	45.14 2.78 0.00	155.14 8.69 0.00	34.98 1.86 -2.42	21.89 1.31 0.00	19.13 1.10 0.00
PLATSBURG_115KV_PMLD1 355749	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.01 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.03 0.05 0.00	13.09 0.00 0.00	27.47 -0.41 0.00	22.51 -0.42 0.00	24.53 -0.33 0.00	20.28 -0.55 0.00	3.90 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.15 -0.02 3.22	11.47 -0.56 0.00	20.64 -0.75 0.00	22.07 -0.44 0.00	42.18 -0.18 0.00	147.64 1.19 0.00	30.87 0.16 0.00	20.62 0.04 0.00	18.07 0.04 0.00
PLEASANTVLY__LBMP 24000	24.33 -0.21 -28.15	22.83 -0.09 -24.55	22.53 -0.03 -23.15	22.08 0.23 -17.50	22.78 0.02 -22.30	24.55 0.18 -21.13	23.28 0.49 -14.82	26.65 0.79 -12.77	33.35 1.74 -3.73	24.20 1.27 0.00	26.28 1.42 0.00	22.54 1.37 -0.33	20.27 0.28 -15.98	20.39 0.05 -19.56	21.11 -0.17 -23.72	19.20 0.00 -19.11	21.12 0.87 -8.22	23.06 1.46 -0.20	25.61 1.47 -1.63	44.87 2.50 0.00	154.50 8.04 0.00	32.36 1.66 0.00	21.73 1.16 0.00	19.03 1.00 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.41 -0.25 -27.27	22.05 -0.11 -23.78	21.80 -0.04 -22.42	21.57 0.27 -16.95	22.09 0.03 -21.60	23.91 0.21 -20.47	22.89 0.55 -14.36	26.36 0.90 -12.37	33.50 2.00 -3.61	24.46 1.52 0.00	26.57 1.71 0.00	22.77 1.61 -0.32	19.82 0.32 -15.48	19.78 0.06 -18.94	20.34 -0.20 -22.98	18.60 0.01 -18.51	21.01 1.02 -7.96	23.30 1.72 -0.20	25.79 1.71 -1.57	45.31 2.95 0.00	155.89 9.43 0.00	32.63 1.92 0.00	21.91 1.33 0.00	19.17 1.13 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.41 -0.25 -27.27	22.05 -0.11 -23.78	21.80 -0.04 -22.42	21.57 0.27 -16.95	22.09 0.03 -21.60	23.91 0.21 -20.47	22.89 0.55 -14.36	26.36 0.90 -12.37	33.50 2.00 -3.61	24.46 1.52 0.00	26.57 1.71 0.00	22.77 1.61 -0.32	19.82 0.32 -15.48	19.78 0.06 -18.94	20.34 -0.20 -22.98	18.60 0.01 -18.51	21.01 1.02 -7.96	23.30 1.72 -0.20	25.79 1.71 -1.57	45.31 2.95 0.00	155.89 9.43 0.00	32.63 1.92 0.00	21.91 1.33 0.00	19.17 1.13 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.73 -0.24 -27.57	22.32 -0.11 -24.04	22.05 -0.04 -22.67	21.75 0.26 -17.14	22.33 0.03 -21.84	24.13 0.20 -20.70	23.03 0.54 -14.52	26.48 0.88 -12.51	33.47 1.93 -3.65	24.35 1.42 0.00	26.42 1.56 0.00	22.65 1.48 -0.33	19.96 0.29 -15.66	19.99 0.06 -19.15	20.61 -0.18 -23.23	18.81 0.01 -18.72	21.01 0.94 -8.05	23.20 1.61 -0.20	25.76 1.65 -1.59	45.30 2.93 0.00	155.86 9.41 0.00	32.64 1.94 0.00	21.91 1.33 0.00	19.17 1.14 0.00
POLETTI____ 23519	23.25 -0.26 -27.12	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.80 0.22 -20.35	22.82 0.57 -14.28	26.30 0.91 -12.30	33.58 2.10 -3.59	24.56 1.62 0.00	26.70 1.84 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.04 1.09 -7.92	23.39 1.80 -0.19	25.84 1.77 -1.56	45.32 2.95 0.00	155.68 9.23 0.00	32.66 1.96 0.00	21.96 1.39 0.00	19.20 1.17 0.00
PORT_JEFF_3 23555	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	42.62 0.30 -39.09	127.65 0.84 -118.84	26.72 1.32 -12.30	34.15 2.67 -3.60	25.03 2.09 0.00	27.15 2.29 0.00	23.15 1.99 -0.32	19.81 0.40 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.14 1.39 -10.72	23.85 2.26 -0.19	26.45 2.37 -1.57	55.97 4.25 -9.35	239.69 13.89 -79.35	42.88 2.59 -9.59	24.90 1.87 -2.46	19.68 1.63 -0.01
PORT_JEFF_4 23616	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	42.62 0.30 -39.09	127.65 0.84 -118.84	26.72 1.32 -12.30	34.15 2.67 -3.60	25.03 2.09 0.00	27.15 2.29 0.00	23.15 1.99 -0.32	19.81 0.40 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.14 1.39 -10.72	23.85 2.26 -0.19	26.45 2.37 -1.57	55.97 4.25 -9.35	239.69 13.89 -79.35	42.88 2.59 -9.59	24.90 1.87 -2.46	19.68 1.63 -0.01
PORT_JEFF_IC 23713	24.56 -0.38 -28.55	26.02 -0.16 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	45.33 0.30 -41.80	142.80 0.86 -133.97	26.74 1.34 -12.31	34.18 2.70 -3.60	25.05 2.12 0.00	27.18 2.32 0.00	23.17 2.01 -0.32	19.82 0.40 -15.40	19.70 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.16 1.41 -10.72	23.89 2.30 -0.19	26.50 2.43 -1.57	57.40 4.33 -10.70	251.48 14.20 -90.83	44.33 2.65 -10.98	25.29 1.91 -2.81	19.70 1.66 -0.01
PPL PILGRIM_ST_GT1 24216	24.56 -0.38 -28.55	26.02 -0.17 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	27.64 0.29 -24.13	44.09 0.80 -35.32	26.68 1.28 -12.30	34.15 2.66 -3.59	25.07 2.13 0.00	27.19 2.33 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.16 -0.25 -22.85	36.90 0.00 -36.81	24.16 1.41 -10.72	23.86 2.27 -0.19	26.45 2.37 -1.57	48.52 4.27 -1.88	176.10 13.68 -15.97	35.25 2.62 -1.93	22.95 1.88 -0.49	19.69 1.65 0.00
PPL PILGRIM_ST_GT2 24217	24.56 -0.38 -28.55	26.02 -0.17 -27.81	27.22 -0.06 -27.86	21.62 0.42 -16.86	21.98 0.04 -21.49	27.64 0.29 -24.13	44.09 0.80 -35.32	26.68 1.28 -12.30	34.15 2.66 -3.59	25.07 2.13 0.00	27.19 2.33 0.00	23.20 2.04 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.16 -0.25 -22.85	36.90 0.00 -36.81	24.16 1.41 -10.72	23.86 2.27 -0.19	26.45 2.37 -1.57	48.52 4.27 -1.88	176.10 13.68 -15.97	35.25 2.62 -1.93	22.95 1.88 -0.49	19.69 1.65 0.00
PPL_SHRM_GT3 24213	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.97 0.31 -39.43	129.56 0.89 -120.69	26.81 1.41 -12.30	34.29 2.80 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.69 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.96 2.38 -0.19	26.62 2.54 -1.57	56.43 4.55 -9.52	242.36 15.15 -80.76	43.25 2.78 -9.76	25.07 2.00 -2.50	19.79 1.74 -0.01
PPL_SHRM_GT4 24214	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.97 0.31 -39.43	129.56 0.89 -120.69	26.81 1.41 -12.30	34.29 2.80 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.69 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.96 2.38 -0.19	26.62 2.54 -1.57	56.43 4.55 -9.52	242.36 15.15 -80.76	43.25 2.78 -9.76	25.07 2.00 -2.50	19.79 1.74 -0.01
PROJECT____ORANGE 1 24174	-0.66 0.03 -2.92	0.94 0.02 -2.55	1.82 0.01 -2.40	6.09 -0.07 -1.82	2.76 -0.01 -2.31	5.39 -0.04 -2.19	9.43 -0.08 -1.54	14.29 -0.13 -1.33	28.07 -0.21 -0.39	22.76 -0.18 0.00	24.68 -0.18 0.00	20.68 -0.19 -0.04	5.62 -0.05 -1.66	2.80 -0.01 -2.03	0.05 0.03 -2.46	2.07 0.00 -1.98	12.74 -0.14 -0.85	21.18 -0.23 -0.02	22.42 -0.26 -0.16	41.96 -0.41 0.00	145.17 -1.28 0.00	30.34 -0.37 0.00	20.30 -0.28 0.00	17.77 -0.26 0.00
PROJECT____ORANGE 2 24166	-0.66 0.03 -2.92	0.94 0.02 -2.55	1.82 0.01 -2.40	6.09 -0.07 -1.82	2.76 -0.01 -2.31	5.39 -0.04 -2.19	9.43 -0.08 -1.54	14.29 -0.13 -1.33	28.07 -0.21 -0.39	22.76 -0.18 0.00	24.68 -0.18 0.00	20.68 -0.19 -0.04	5.62 -0.05 -1.66	2.80 -0.01 -2.03	0.05 0.03 -2.46	2.07 0.00 -1.98	12.74 -0.14 -0.85	21.18 -0.23 -0.02	22.42 -0.26 -0.16	41.96 -0.41 0.00	145.17 -1.28 0.00	30.34 -0.37 0.00	20.30 -0.28 0.00	17.77 -0.26 0.00
PUCKETT____SOLAR 323809	5.17 -0.10 -8.87	6.08 -0.04 -7.74	6.70 -0.01 -7.29	9.95 0.08 -5.52	7.50 0.01 -7.03	9.98 0.08 -6.66	12.88 0.23 -4.67	17.51 0.39 -4.03	29.96 0.89 -1.18	23.49 0.55 0.00	25.42 0.55 0.00	21.36 0.42 -0.10	9.12 0.06 -5.05	6.96 0.02 -6.17	5.00 -0.04 -7.48	6.12 0.00 -6.02	14.85 0.22 -2.59	21.94 0.48 -0.06	23.63 0.61 -0.50	43.84 1.47 0.00	151.60 5.15 0.00	31.61 0.90 0.00	21.14 0.56 0.00	18.56 0.53 0.00
PYRITES____HYD 24023	-3.57 0.03 0.00	-1.61 0.01 0.00	-0.58 0.00 0.00	4.34 -0.01 0.00	0.45 0.00 0.00	3.21 -0.03 0.00	7.90 -0.08 0.00	12.95 -0.15 0.00	27.60 -0.29 0.00	23.05 0.12 0.00	24.87 0.01 0.00	20.44 -0.40 0.00	3.95 -0.07 0.00	0.77 -0.01 0.00	-1.35 0.07 -1.02	0.62 0.00 -0.53	11.59 -0.43 0.00	20.70 -0.69 0.00	21.88 -0.64 0.00	41.56 -0.81 0.00	144.13 -2.32 0.00	30.68 -0.02 0.00	20.51 -0.07 0.00	18.05 0.02 0.00
QUAKERRD_115KV_BK1 80622	0.00 0.12 -3.49	1.49 0.06 -3.04	2.31 0.03 -2.87	6.30 -0.22 -2.17	3.20 -0.02 -2.77	5.72 -0.13 -2.62	9.46 -0.35 -1.84	14.11 -0.57 -1.59	27.23 -1.13 -0.46	22.14 -0.80 0.00	23.98 -0.89 0.00	20.02 -0.86 -0.04	5.81 -0.19 -1.99	3.18 -0.04 -2.43	0.60 0.09 -2.94	2.46 0.00 -2.37	12.47 -0.57 -1.02	20.42 -1.00 -0.03	21.66 -1.05 -0.20	40.41 -1.96 0.00	140.14 -6.31 0.00	29.25 -1.46 0.00	19.59 -0.99 0.00	17.13 -0.90 0.00

QUENSBRY_115KV_TB8 356137	30.21 -0.14 -33.96	27.93 -0.05 -29.61	27.32 -0.02 -27.92	25.57 0.13 -21.09	27.35 0.02 -26.88	28.82 0.12 -25.47	26.23 0.36 -17.89	29.11 0.61 -15.41	33.45 1.06 -4.50	23.42 0.48 0.00	25.43 0.57 0.00	21.79 0.55 -0.40	23.44 0.12 -19.31	24.43 0.02 -23.62	26.16 -0.06 -28.66	23.16 -0.01 -23.08	22.38 0.42 -9.93	22.54 0.90 -0.24	25.54 1.06 -1.96	44.27 1.90 0.00	153.40 6.95 0.00	32.14 1.44 0.00	21.45 0.87 0.00	18.75 0.72 0.00
RAMAPO____LBMP 323565	22.38 -0.24 -26.23	21.15 -0.11 -22.87	20.95 -0.04 -21.57	20.91 0.26 -16.31	21.26 0.03 -20.78	23.12 0.20 -19.69	22.32 0.53 -13.81	25.86 0.87 -11.90	33.31 1.95 -3.47	24.40 1.46 0.00	26.51 1.64 0.00	22.71 1.57 -0.31	19.22 0.31 -14.89	19.06 0.06 -18.22	19.47 -0.20 -22.10	17.90 0.01 -17.81	20.69 1.00 -7.66	23.24 1.66 -0.19	25.68 1.66 -1.52	45.19 2.83 0.00	155.42 8.97 0.00	32.53 1.83 0.00	21.83 1.25 0.00	19.09 1.05 0.00
RANKINE____ 23646	1.11 0.03 -4.69	2.49 0.02 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.28 -2.47	14.76 -0.46 -2.13	27.72 -0.79 -0.63	22.59 -0.35 -0.01	24.54 -0.33 -0.01	20.47 -0.43 -0.06	6.55 -0.13 -2.67	4.02 -0.02 -3.26	1.55 0.04 -3.95	3.28 0.01 -3.18	13.01 -0.39 -1.37	20.72 -0.72 -0.04	21.95 -0.84 -0.27	40.80 -1.57 0.00	141.90 -4.55 0.00	29.50 -1.21 0.00	19.79 -0.78 0.00	17.32 -0.71 0.00
RAVENSWOOD_GT2_1 24244	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.63 2.15 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.12 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.40 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT2_2 24245	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.63 2.15 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.12 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.40 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT2_3 24246	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.94 -12.30	33.64 2.16 -3.59	24.60 1.66 0.00	26.74 1.88 0.00	22.93 1.78 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.43 1.84 -0.19	25.89 1.82 -1.56	45.43 3.06 0.00	156.09 9.64 0.00	32.72 2.02 0.00	21.98 1.41 0.00	19.22 1.19 0.00
RAVENSWOOD_GT2_4 24247	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.94 -12.30	33.64 2.16 -3.59	24.60 1.66 0.00	26.74 1.88 0.00	22.93 1.78 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.43 1.84 -0.19	25.89 1.82 -1.56	45.43 3.06 0.00	156.09 9.64 0.00	32.72 2.02 0.00	21.98 1.41 0.00	19.22 1.19 0.00
RAVENSWOOD_GT3_1 24248	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.15 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.12 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.40 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT3_2 24249	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.15 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.12 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.40 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT3_3 24250	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.67 2.19 -3.59	24.63 1.69 0.00	26.77 1.91 0.00	22.96 1.80 -0.32	19.76 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.45 1.87 -0.19	25.92 1.84 -1.56	45.47 3.11 0.00	156.26 9.81 0.00	32.76 2.05 0.00	22.01 1.43 0.00	19.24 1.21 0.00
RAVENSWOOD_GT3_4 24251	23.24 -0.27 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.84 0.59 -14.28	26.35 0.96 -12.30	33.67 2.19 -3.59	24.63 1.69 0.00	26.77 1.91 0.00	22.96 1.80 -0.32	19.76 0.36 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.14 -7.92	23.45 1.87 -0.19	25.92 1.84 -1.56	45.47 3.11 0.00	156.26 9.81 0.00	32.76 2.05 0.00	22.01 1.43 0.00	19.24 1.21 0.00
RAVENSWOOD_GT_1 23729	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.85 0.60 -14.28	26.37 0.98 -12.30	33.73 2.25 -3.59	24.67 1.73 0.00	26.81 1.94 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.11 1.16 -7.92	23.49 1.90 -0.19	25.95 1.87 -1.56	45.52 3.16 0.00	156.35 9.89 0.00	32.77 2.07 0.00	22.02 1.45 0.00	19.26 1.23 0.00
RAVENSWOOD_GT_10 24258	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.39 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.40 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_11 24259	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.39 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.40 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_4 24252	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.81 -1.56	45.39 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00

RAVENSWOOD_GT_5 24254	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.81 -1.56	45.39 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_6 24253	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.81 -1.56	45.39 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_7 24255	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.64 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.81 -1.56	45.39 3.03 0.00	156.03 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.39 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.40 0.00	19.22 1.18 0.00
RAVENSWOOD_GT_9 24257	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.57 -14.28	26.33 0.93 -12.30	33.63 2.14 -3.59	24.58 1.65 0.00	26.72 1.86 0.00	22.92 1.76 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.06 1.11 -7.92	23.41 1.82 -0.19	25.88 1.80 -1.56	45.39 3.03 0.00	156.02 9.57 0.00	32.70 2.00 0.00	21.98 1.40 0.00	19.22 1.18 0.00
RAVENSWOOD___1 23533	23.24 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.13 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.42 3.05 0.00	156.05 9.60 0.00	32.71 2.01 0.00	21.99 1.41 0.00	19.22 1.19 0.00
RAVENSWOOD___2 23534	23.24 -0.26 -27.11	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.13 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.42 3.05 0.00	156.05 9.60 0.00	32.71 2.01 0.00	21.99 1.41 0.00	19.22 1.19 0.00
RAVENSWOOD___3 23535	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.80 0.22 -20.35	22.83 0.58 -14.28	26.33 0.94 -12.30	33.63 2.15 -3.59	24.59 1.65 0.00	26.72 1.86 0.00	22.92 1.77 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.00 -18.41	21.06 1.12 -7.92	23.42 1.83 -0.19	25.89 1.81 -1.56	45.40 3.03 0.00	156.04 9.58 0.00	32.70 2.00 0.00	21.98 1.41 0.00	19.22 1.18 0.00
RAVENSWOOD___4 23820	23.24 -0.26 -27.11	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.96 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.66 2.18 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.08 1.13 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.42 3.05 0.00	156.05 9.60 0.00	32.71 2.01 0.00	21.99 1.41 0.00	19.22 1.19 0.00
RCPL_TRUST___DRP 24196	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.35 0.96 -12.30	33.71 2.23 -3.59	24.67 1.73 0.00	26.82 1.95 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.49 1.90 -0.19	25.96 1.88 -1.56	45.52 3.16 0.00	156.32 9.87 0.00	32.79 2.09 0.00	22.03 1.45 0.00	19.26 1.23 0.00
RED___ROCHESTER 323720	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.11 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.13 -1.88	14.49 -0.22 -1.62	27.95 -0.41 -0.47	22.75 -0.18 0.00	24.65 -0.21 0.00	20.55 -0.33 -0.04	5.96 -0.09 -2.04	3.26 -0.02 -2.49	0.60 0.03 -3.01	2.52 0.00 -2.42	12.79 -0.28 -1.04	20.98 -0.44 -0.03	22.24 -0.48 -0.20	41.50 -0.87 0.00	144.13 -2.32 0.00	30.00 -0.70 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
REGAN___SOLAR 323812	34.42 -0.27 -38.30	31.64 -0.13 -33.39	30.86 -0.05 -31.49	28.51 0.34 -23.82	30.84 0.04 -30.35	32.28 0.29 -28.76	28.84 0.66 -20.20	31.32 0.82 -17.40	35.08 2.11 -5.08	23.90 0.96 0.00	25.99 1.13 0.00	22.07 0.78 -0.45	25.92 0.13 -21.78	27.45 0.02 -26.64	29.83 -0.05 -32.32	26.11 -0.01 -26.04	23.72 0.49 -11.20	22.80 1.13 -0.27	26.53 1.81 -2.21	46.79 4.43 0.00	160.49 14.04 0.00	33.95 3.24 0.00	22.61 2.04 0.00	19.73 1.70 0.00
RENSSELAER___COGEN 23796	28.88 -0.15 -32.64	26.77 -0.07 -28.46	26.23 -0.02 -26.84	24.82 0.18 -20.29	26.33 0.02 -25.86	27.86 0.14 -24.50	25.50 0.35 -17.18	28.46 0.57 -14.80	33.37 1.15 -4.32	23.69 0.75 0.00	25.66 0.80 0.00	22.03 0.81 -0.39	22.71 0.17 -18.53	23.48 0.03 -22.67	24.96 -0.09 -27.50	22.24 0.00 -22.15	22.04 0.49 -9.53	22.50 0.87 -0.23	25.32 0.93 -1.89	44.05 1.69 0.00	152.34 5.89 0.00	31.96 1.26 0.00	21.42 0.85 0.00	18.78 0.74 0.00
REPUBLIC_115KV_BARTNBRK 55605	29.97 -0.35 -33.93	27.81 -0.16 -29.59	27.26 -0.05 -27.90	25.80 0.38 -21.07	27.35 0.04 -26.85	29.00 0.32 -25.44	26.72 0.87 -17.87	29.96 1.48 -15.40	35.23 2.84 -4.50	24.66 1.72 0.00	26.93 2.07 0.00	23.04 1.80 -0.40	23.67 0.36 -19.29	24.46 0.07 -23.61	26.01 -0.19 -28.64	23.14 -0.01 -23.07	23.09 1.14 -9.92	23.86 2.22 -0.24	27.01 2.54 -1.96	47.04 4.68 0.00	162.68 16.23 0.00	34.31 3.61 0.00	22.81 2.24 0.00	19.95 1.92 0.00
REVERE_CPPR_DRP 24186	-2.07 -0.08 -1.61	-0.24 -0.03 -1.41	0.73 -0.01 -1.33	5.44 0.09 -1.00	1.75 0.01 -1.28	4.53 0.08 -1.21	9.04 0.21 -0.85	14.16 0.33 -0.74	28.99 0.88 -0.22	23.67 0.73 0.00	25.57 0.71 0.00	21.30 0.44 -0.02	4.99 0.05 -0.93	1.93 0.01 -1.14	-1.11 -0.03 -1.36	1.20 0.01 -1.10	12.62 0.12 -0.47	21.73 0.32 -0.01	23.11 0.51 -0.09	43.82 1.46 0.00	151.48 5.03 0.00	31.84 1.14 0.00	21.24 0.67 0.00	18.61 0.58 0.00

REYNOLDS_115KV_TB3 80639	28.93 -0.15 -32.69	26.82 -0.07 -28.50	26.27 -0.02 -26.88	24.85 0.18 -20.32	26.37 0.02 -25.90	27.89 0.13 -24.53	25.52 0.34 -17.21	28.48 0.56 -14.82	33.31 1.10 -4.33	23.63 0.69 0.00	25.59 0.73 0.00	22.00 0.77 -0.39	22.74 0.16 -18.56	23.52 0.03 -22.71	25.02 -0.09 -27.55	22.28 0.00 -22.19	22.02 0.45 -9.55	22.46 0.83 -0.23	25.28 0.88 -1.89	43.95 1.58 0.00	151.99 5.54 0.00	31.91 1.21 0.00	21.38 0.80 0.00	18.75 0.71 0.00
RIVERBAY____ 323610	23.26 -0.25 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.29 -16.86	21.97 0.03 -21.48	23.82 0.23 -20.35	22.83 0.58 -14.28	26.30 0.91 -12.30	33.65 2.17 -3.59	24.59 1.65 0.00	26.68 1.82 0.00	22.90 1.74 -0.32	19.75 0.34 -15.39	19.68 0.07 -18.84	20.19 -0.21 -22.85	18.51 0.02 -18.41	21.01 1.07 -7.92	23.32 1.73 -0.19	25.78 1.71 -1.56	45.31 2.95 0.00	155.52 9.07 0.00	32.73 2.02 0.00	22.00 1.43 0.00	19.24 1.21 0.00
RIVERSDE_115KV_TB3 55908	28.95 -0.16 -32.72	26.84 -0.07 -28.53	26.29 -0.02 -26.90	24.88 0.19 -20.34	26.39 0.02 -25.92	27.92 0.14 -24.55	25.55 0.35 -17.22	28.52 0.58 -14.84	33.39 1.16 -4.33	23.70 0.76 0.00	25.67 0.80 0.00	22.05 0.83 -0.39	22.76 0.17 -18.58	23.54 0.03 -22.73	25.04 -0.10 -27.57	22.30 0.00 -22.21	22.07 0.49 -9.55	22.52 0.89 -0.23	25.34 0.94 -1.89	44.07 1.71 0.00	152.38 5.93 0.00	31.98 1.27 0.00	21.42 0.85 0.00	18.78 0.75 0.00
ROARING____BROOK_WT_PWR 323790	-3.46 0.14 0.00	-1.56 0.06 0.00	-0.56 0.02 0.00	4.21 -0.14 0.00	0.44 -0.02 0.00	3.11 -0.12 0.00	7.69 -0.28 0.00	12.62 -0.47 0.00	26.87 -1.02 0.00	22.38 -0.55 0.00	24.33 -0.53 0.00	20.23 -0.61 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-2.34 0.10 0.00	0.08 -0.01 0.00	11.62 -0.41 0.00	20.72 -0.68 0.00	21.94 -0.57 0.00	41.53 -0.83 0.00	143.97 -2.48 0.00	30.19 -0.52 0.00	20.13 -0.44 0.00	17.77 -0.27 0.00
ROCHESRG_115KV_T4 355643	-0.01 0.05 -3.55	1.51 0.03 -3.10	2.35 0.01 -2.92	6.40 -0.15 -2.21	3.25 -0.01 -2.81	5.81 -0.08 -2.67	9.63 -0.22 -1.87	14.34 -0.36 -1.61	27.66 -0.70 -0.47	22.52 -0.42 0.00	24.39 -0.47 0.00	20.36 -0.52 -0.04	5.91 -0.13 -2.02	3.23 -0.02 -2.48	0.61 0.05 -2.99	2.50 0.00 -2.41	12.68 -0.39 -1.04	20.76 -0.66 -0.03	21.99 -0.72 -0.20	41.03 -1.33 0.00	142.44 -4.01 0.00	29.68 -1.03 0.00	19.88 -0.70 0.00	17.38 -0.65 0.00
ROCHESTER_9_IC 23652	-0.01 0.03 -3.57	1.52 0.02 -3.12	2.36 0.01 -2.94	6.44 -0.13 -2.22	3.27 -0.01 -2.83	5.85 -0.06 -2.68	9.68 -0.17 -1.88	14.43 -0.28 -1.62	27.84 -0.53 -0.47	22.66 -0.28 0.00	24.54 -0.33 0.00	20.47 -0.41 -0.04	5.94 -0.11 -2.04	3.25 -0.02 -2.49	0.61 0.04 -3.01	2.51 0.00 -2.42	12.75 -0.32 -1.04	20.87 -0.55 -0.03	22.13 -0.58 -0.20	41.28 -1.09 0.00	143.38 -3.07 0.00	29.86 -0.85 0.00	19.99 -0.58 0.00	17.47 -0.56 0.00
ROCKVIEW_13_KV_LD 356306	23.25 -0.26 -27.12	21.91 -0.12 -23.64	21.67 -0.04 -22.29	21.48 0.28 -16.86	21.97 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.62 2.14 -3.59	24.57 1.63 0.00	26.70 1.84 0.00	22.89 1.73 -0.32	19.75 0.34 -15.39	19.69 0.07 -18.84	20.20 -0.21 -22.85	18.50 0.01 -18.41	21.04 1.10 -7.92	23.41 1.82 -0.19	25.89 1.82 -1.56	45.48 3.11 0.00	156.31 9.86 0.00	32.75 2.05 0.00	22.00 1.42 0.00	19.23 1.20 0.00
ROME____115KV_TB2 80656	-2.07 -0.08 -1.61	-0.24 -0.03 -1.41	0.73 -0.01 -1.33	5.44 0.09 -1.00	1.75 0.01 -1.28	4.53 0.08 -1.21	9.04 0.21 -0.85	14.16 0.33 -0.74	28.99 0.88 -0.22	23.67 0.73 0.00	25.57 0.71 0.00	21.30 0.44 -0.02	4.99 0.05 -0.93	1.93 0.01 -1.14	-1.11 -0.03 -1.36	1.20 0.01 -1.10	12.62 0.12 -0.47	21.73 0.32 -0.01	23.11 0.51 -0.09	43.82 1.46 0.00	151.48 5.03 0.00	31.84 1.14 0.00	21.24 0.67 0.00	18.61 0.58 0.00
ROSETON____1 23587	23.06 -0.22 -26.90	21.73 -0.10 -23.45	21.49 -0.04 -22.11	21.31 0.24 -16.72	21.79 0.02 -21.31	23.61 0.19 -20.19	22.64 0.50 -14.16	26.11 0.82 -12.20	33.26 1.81 -3.56	24.27 1.33 0.00	26.36 1.50 0.00	22.59 1.43 -0.32	19.57 0.29 -15.27	19.52 0.05 -18.69	20.05 -0.18 -22.66	18.35 0.00 -18.26	20.80 0.92 -7.86	23.11 1.52 -0.19	25.60 1.53 -1.55	45.00 2.63 0.00	154.84 8.39 0.00	32.41 1.71 0.00	21.76 1.18 0.00	19.04 1.01 0.00
ROSETON____2 23588	23.06 -0.22 -26.90	21.73 -0.10 -23.45	21.49 -0.04 -22.11	21.31 0.24 -16.72	21.79 0.02 -21.31	23.61 0.19 -20.19	22.64 0.50 -14.16	26.11 0.82 -12.20	33.26 1.81 -3.56	24.27 1.33 0.00	26.36 1.50 0.00	22.59 1.43 -0.32	19.57 0.29 -15.27	19.52 0.05 -18.69	20.05 -0.18 -22.66	18.35 0.00 -18.26	20.80 0.92 -7.86	23.11 1.52 -0.19	25.60 1.53 -1.55	45.00 2.63 0.00	154.84 8.39 0.00	32.41 1.71 0.00	21.76 1.18 0.00	19.04 1.01 0.00
ROTTSDAM_115KV_TB3 80664	30.63 -0.13 -34.37	28.29 -0.06 -29.97	27.66 -0.02 -28.27	25.89 0.16 -21.38	27.72 0.02 -27.25	29.17 0.12 -25.82	26.44 0.32 -18.14	29.25 0.52 -15.63	33.53 1.08 -4.56	23.65 0.71 0.00	25.63 0.76 0.00	21.98 0.73 -0.41	23.72 0.15 -19.56	24.74 0.03 -23.93	26.50 -0.08 -29.02	23.47 0.00 -23.38	22.52 0.44 -10.06	22.45 0.81 -0.25	25.38 0.88 -1.99	44.01 1.65 0.00	152.04 5.59 0.00	31.91 1.21 0.00	21.38 0.80 0.00	18.72 0.69 0.00
RUSSELL____1 23602	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
RUSSELL____2 23532	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
RUSSELL____3 23549	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
RUSSELL____4 23556	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00

RUSSELL___STATION 23914	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
S SALMON___HYD 24043	-1.26 0.07 -2.28	0.41 0.04 -1.98	1.30 0.01 -1.87	5.65 -0.11 -1.42	2.25 -0.01 -1.80	4.88 -0.06 -1.71	9.03 -0.14 -1.20	13.85 -0.28 -1.04	27.59 -0.61 -0.31	22.59 -0.35 0.00	24.42 -0.44 0.00	20.32 -0.55 -0.03	5.19 -0.14 -1.31	2.36 -0.02 -1.60	-0.31 0.08 -2.04	1.70 0.00 -1.61	12.26 -0.43 -0.67	20.76 -0.65 -0.02	22.09 -0.55 -0.13	41.64 -0.72 0.00	144.70 -1.75 0.00	30.36 -0.34 0.00	20.28 -0.29 0.00	17.81 -0.23 0.00
S.PERRY___115KV_TB1 80734	0.85 -0.11 -4.58	2.33 -0.04 -3.99	3.16 -0.01 -3.76	7.23 0.04 -2.84	4.09 0.01 -3.63	6.76 0.10 -3.43	10.62 0.24 -2.41	15.56 0.40 -2.08	29.44 0.94 -0.61	23.72 0.78 0.00	25.56 0.69 0.00	21.29 0.39 -0.05	6.62 0.00 -2.61	3.97 0.00 -3.19	1.41 -0.01 -3.85	3.20 0.01 -3.11	13.35 -0.01 -1.34	21.55 0.12 -0.03	23.04 0.27 -0.26	43.49 1.13 0.00	152.08 5.63 0.00	31.76 1.05 0.00	21.25 0.67 0.00	18.58 0.55 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	0.96 0.06 -4.51	2.35 0.04 -3.93	3.14 0.02 -3.71	6.94 -0.21 -2.80	4.01 -0.02 -3.57	6.49 -0.13 -3.38	9.97 -0.38 -2.38	14.51 -0.64 -2.05	27.29 -1.22 -0.62	22.26 -0.69 -0.01	24.17 -0.71 -0.01	20.16 -0.75 -0.07	6.39 -0.19 -2.56	3.89 -0.03 -3.14	1.43 0.07 -3.80	3.16 0.01 -3.06	12.80 -0.55 -1.32	20.42 -1.03 -0.05	21.61 -1.17 -0.27	40.12 -2.25 0.00	139.54 -6.91 0.00	29.02 -1.69 0.00	19.48 -1.10 0.00	17.05 -0.98 0.00
SAWYER___23_KV_LOAD 55526	0.96 0.06 -4.51	2.35 0.04 -3.93	3.14 0.02 -3.71	6.94 -0.21 -2.80	4.01 -0.02 -3.57	6.49 -0.13 -3.38	9.97 -0.38 -2.38	14.51 -0.64 -2.05	27.29 -1.22 -0.62	22.26 -0.69 -0.01	24.17 -0.71 -0.01	20.16 -0.75 -0.07	6.39 -0.19 -2.56	3.89 -0.03 -3.14	1.43 0.07 -3.80	3.16 0.01 -3.06	12.80 -0.55 -1.32	20.42 -1.03 -0.05	21.61 -1.17 -0.27	40.12 -2.25 0.00	139.54 -6.91 0.00	29.02 -1.69 0.00	19.48 -1.10 0.00	17.05 -0.98 0.00
SELKIRK___I 23801	28.36 -0.15 -32.12	26.32 -0.07 -28.01	25.80 -0.02 -26.41	24.50 0.18 -19.97	25.92 0.02 -25.45	27.47 0.13 -24.11	25.21 0.34 -16.90	28.19 0.54 -14.55	33.23 1.09 -4.25	23.64 0.70 0.00	25.60 0.74 0.00	21.96 0.74 -0.38	22.39 0.15 -18.22	23.10 0.03 -22.29	24.52 -0.08 -27.04	21.87 0.00 -21.78	21.83 0.43 -9.37	22.43 0.81 -0.23	25.26 0.89 -1.86	44.02 1.66 0.00	152.28 5.83 0.00	31.95 1.24 0.00	21.41 0.83 0.00	18.77 0.74 0.00
SELKIRK___II 23799	28.76 -0.14 -32.51	26.66 -0.06 -28.34	26.12 -0.02 -26.73	24.72 0.17 -20.21	26.22 0.02 -25.75	27.75 0.12 -24.40	25.39 0.32 -17.10	28.35 0.52 -14.73	33.26 1.07 -4.30	23.64 0.70 0.00	25.61 0.75 0.00	21.98 0.76 -0.38	22.60 0.15 -18.44	23.37 0.03 -22.56	24.84 -0.09 -27.37	22.14 0.00 -22.04	21.97 0.45 -9.48	22.44 0.81 -0.23	25.25 0.86 -1.88	43.93 1.56 0.00	151.84 5.39 0.00	31.85 1.15 0.00	21.35 0.78 0.00	18.72 0.69 0.00
SENECA OSWGO___HYD 24041	-1.00 0.09 -2.53	0.63 0.04 -2.20	1.51 0.02 -2.08	5.79 -0.13 -1.57	2.45 -0.01 -2.00	5.05 -0.08 -1.89	9.11 -0.20 -1.33	13.91 -0.33 -1.15	27.59 -0.64 -0.34	22.43 -0.51 0.00	24.31 -0.55 0.00	20.35 -0.52 -0.03	5.34 -0.12 -1.44	2.52 -0.02 -1.76	-0.24 0.06 -2.13	1.81 0.00 -1.72	12.42 -0.34 -0.74	20.90 -0.51 -0.02	22.19 -0.47 -0.15	41.58 -0.79 0.00	143.81 -2.64 0.00	30.09 -0.62 0.00	20.12 -0.45 0.00	17.62 -0.41 0.00
SENECA___115KV_TB3 355854	1.10 0.02 -4.69	2.49 0.02 -4.09	3.28 0.01 -3.85	7.11 -0.15 -2.91	4.15 -0.01 -3.71	6.67 -0.08 -3.52	10.18 -0.27 -2.47	14.79 -0.43 -2.13	27.78 -0.74 -0.63	22.64 -0.31 -0.01	24.59 -0.28 -0.01	20.52 -0.39 -0.06	6.56 -0.12 -2.67	4.02 -0.02 -3.26	1.54 0.03 -3.95	3.28 0.01 -3.18	13.04 -0.36 -1.37	20.76 -0.68 -0.04	21.99 -0.80 -0.27	40.86 -1.51 0.00	142.19 -4.26 0.00	29.56 -1.14 0.00	19.83 -0.74 0.00	17.36 -0.68 0.00
SENECA___ENERGY 23797	0.39 0.01 -3.99	1.87 0.01 -3.48	2.70 0.01 -3.28	6.77 -0.06 -2.48	3.62 0.00 -3.16	6.22 -0.01 -3.00	10.06 -0.02 -2.10	14.89 -0.01 -1.81	28.49 0.07 -0.53	23.00 0.06 0.00	24.93 0.07 0.00	20.85 -0.03 -0.05	6.26 -0.03 -2.29	3.58 0.00 -2.80	0.94 0.01 -3.37	2.80 0.00 -2.71	13.10 -0.10 -1.17	21.34 -0.08 -0.03	22.54 -0.19 -0.22	42.17 -0.19 0.00	145.94 -0.51 0.00	30.46 -0.24 0.00	20.39 -0.18 0.00	17.87 -0.16 0.00
SHOEMAKER___GT 23640	20.84 -0.21 -24.65	19.79 -0.09 -21.50	19.66 -0.03 -20.27	19.89 0.22 -15.33	20.01 0.02 -19.53	21.91 0.17 -18.51	21.43 0.47 -12.98	25.03 0.76 -11.18	32.78 1.63 -3.27	24.11 1.18 0.00	26.15 1.29 0.00	22.35 1.22 -0.29	18.26 0.24 -14.00	17.95 0.05 -17.13	18.19 -0.15 -20.77	16.83 0.00 -16.73	20.03 0.80 -7.20	22.92 1.35 -0.18	25.32 1.39 -1.42	44.77 2.41 0.00	154.24 7.79 0.00	32.22 1.52 0.00	21.63 1.06 0.00	18.94 0.90 0.00
SHOEMAKR_138KV_BK 111 55601	20.63 -0.21 -24.44	19.61 -0.09 -21.31	19.48 -0.03 -20.10	19.76 0.22 -15.20	19.84 0.02 -19.37	21.75 0.17 -18.35	21.31 0.46 -12.87	24.93 0.75 -11.09	32.75 1.62 -3.24	24.13 1.19 0.00	26.18 1.32 0.00	22.37 1.24 -0.29	18.14 0.24 -13.88	17.81 0.05 -16.98	18.01 -0.16 -20.60	16.69 0.00 -16.59	19.97 0.80 -7.14	22.93 1.36 -0.18	25.31 1.38 -1.41	44.76 2.39 0.00	154.17 7.72 0.00	32.22 1.52 0.00	21.63 1.05 0.00	18.93 0.90 0.00
SHOREHAM_IC_1 23715	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.97 0.31 -39.43	129.56 0.89 -120.69	26.81 1.41 -12.30	34.29 2.80 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.69 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.96 2.38 -0.19	26.62 2.54 -1.57	56.43 4.55 -9.52	242.36 15.15 -80.76	43.25 2.78 -9.76	25.07 2.00 -2.50	19.79 1.74 -0.01
SHOREHAM_IC_2 23716	24.54 -0.40 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.97 0.31 -39.43	129.56 0.89 -120.69	26.81 1.41 -12.30	34.29 2.80 -3.60	25.10 2.16 0.00	27.20 2.34 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.69 0.08 -18.84	20.17 -0.24 -22.85	36.89 -0.01 -36.81	24.19 1.44 -10.72	23.96 2.38 -0.19	26.62 2.54 -1.57	56.43 4.55 -9.52	242.36 15.15 -80.76	43.25 2.78 -9.76	25.07 2.00 -2.50	19.79 1.74 -0.01
SISSONVILLE___ 23735	-3.53 0.08 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.27 -0.08 0.00	0.45 -0.01 0.00	3.15 -0.08 0.00	7.78 -0.20 0.00	12.73 -0.36 0.00	27.13 -0.77 0.00	22.73 -0.21 0.00	24.54 -0.32 0.00	20.08 -0.76 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-1.21 0.12 -1.11	0.67 0.00 -0.58	11.37 -0.66 0.00	20.31 -1.08 0.00	21.49 -1.02 0.00	40.78 -1.59 0.00	141.57 -4.89 0.00	30.17 -0.54 0.00	20.18 -0.40 0.00	17.82 -0.21 0.00

SITHE_IND_GS1 24169	-1.42 0.12 -2.06	0.24 0.06 -1.80	1.13 0.02 -1.70	5.46 -0.17 -1.28	2.07 -0.02 -1.63	4.66 -0.12 -1.55	8.78 -0.28 -1.09	13.56 -0.47 -0.94	27.20 -0.97 -0.27	22.16 -0.78 0.00	24.01 -0.85 0.00	20.11 -0.75 -0.02	5.04 -0.15 -1.17	2.19 -0.03 -1.44	-0.61 0.09 -1.74	1.49 0.00 -1.40	12.16 -0.47 -0.60	20.64 -0.77 -0.02	21.89 -0.75 -0.13	41.02 -1.35 0.00	141.88 -4.57 0.00	29.68 -1.03 0.00	19.87 -0.71 0.00	17.41 -0.63 0.00
SITHE_IND_GS2 24170	-1.42 0.12 -2.06	0.24 0.06 -1.80	1.13 0.02 -1.70	5.46 -0.17 -1.28	2.07 -0.02 -1.63	4.66 -0.12 -1.55	8.78 -0.28 -1.09	13.56 -0.47 -0.94	27.20 -0.97 -0.27	22.16 -0.78 0.00	24.01 -0.85 0.00	20.11 -0.75 -0.02	5.04 -0.15 -1.17	2.19 -0.03 -1.44	-0.61 0.09 -1.74	1.49 0.00 -1.40	12.16 -0.47 -0.60	20.64 -0.77 -0.02	21.89 -0.75 -0.13	41.02 -1.35 0.00	141.88 -4.57 0.00	29.68 -1.03 0.00	19.87 -0.71 0.00	17.41 -0.63 0.00
SITHE_IND_GS3 24171	-1.42 0.12 -2.06	0.24 0.06 -1.80	1.13 0.02 -1.70	5.46 -0.17 -1.28	2.07 -0.02 -1.63	4.66 -0.12 -1.55	8.78 -0.28 -1.09	13.56 -0.47 -0.94	27.20 -0.97 -0.27	22.16 -0.78 0.00	24.01 -0.85 0.00	20.11 -0.75 -0.02	5.04 -0.15 -1.17	2.19 -0.03 -1.44	-0.61 0.09 -1.74	1.49 0.00 -1.40	12.16 -0.47 -0.60	20.64 -0.77 -0.02	21.89 -0.75 -0.13	41.02 -1.35 0.00	141.88 -4.57 0.00	29.68 -1.03 0.00	19.87 -0.71 0.00	17.41 -0.63 0.00
SITHE_IND_GS4 24172	-1.42 0.12 -2.06	0.24 0.06 -1.80	1.13 0.02 -1.70	5.46 -0.17 -1.28	2.07 -0.02 -1.63	4.66 -0.12 -1.55	8.78 -0.28 -1.09	13.56 -0.47 -0.94	27.20 -0.97 -0.27	22.16 -0.78 0.00	24.01 -0.85 0.00	20.11 -0.75 -0.02	5.04 -0.15 -1.17	2.19 -0.03 -1.44	-0.61 0.09 -1.74	1.49 0.00 -1.40	12.16 -0.47 -0.60	20.64 -0.77 -0.02	21.89 -0.75 -0.13	41.02 -1.35 0.00	141.88 -4.57 0.00	29.68 -1.03 0.00	19.87 -0.71 0.00	17.41 -0.63 0.00
SITHE___BATAVIA 24024	-0.07 -0.05 -3.59	1.49 -0.01 -3.13	2.36 0.00 -2.95	6.54 -0.04 -2.23	3.29 0.00 -2.84	5.93 0.01 -2.70	9.89 0.02 -1.89	14.75 0.03 -1.63	28.53 0.16 -0.48	23.22 0.28 0.00	25.06 0.20 0.00	20.82 -0.06 -0.04	6.00 -0.06 -2.05	3.28 -0.01 -2.50	0.60 0.00 -3.02	2.53 0.00 -2.44	12.89 -0.18 -1.05	21.14 -0.28 -0.03	22.50 -0.22 -0.20	42.18 -0.19 0.00	146.57 0.12 0.00	30.64 -0.07 0.00	20.50 -0.08 0.00	17.88 -0.15 0.00
SITHE___INDEPEND 23800	-1.42 0.12 -2.06	0.24 0.06 -1.80	1.13 0.02 -1.70	5.46 -0.17 -1.28	2.07 -0.02 -1.63	4.66 -0.12 -1.55	8.78 -0.29 -1.09	13.56 -0.47 -0.94	27.20 -0.96 -0.27	22.16 -0.78 0.00	24.01 -0.85 0.00	20.11 -0.75 -0.02	5.03 -0.16 -1.17	2.19 -0.03 -1.44	-0.61 0.09 -1.74	1.49 0.00 -1.40	12.17 -0.46 -0.60	20.64 -0.77 -0.02	21.89 -0.75 -0.13	41.00 -1.36 0.00	141.89 -4.56 0.00	29.67 -1.03 0.00	19.87 -0.71 0.00	17.41 -0.63 0.00
SITHE___MASSENA 23902	-3.55 0.06 0.00	-1.60 0.02 0.00	-0.58 0.01 0.00	4.31 -0.04 0.00	0.45 0.00 0.00	3.19 -0.04 0.00	7.85 -0.12 0.00	12.88 -0.22 0.00	27.43 -0.46 0.00	22.76 -0.18 0.00	24.63 -0.24 0.00	20.44 -0.40 0.00	3.94 -0.07 0.00	0.77 -0.01 0.00	-1.97 0.06 -0.42	0.31 0.00 -0.22	11.72 -0.31 0.00	20.89 -0.51 0.00	22.01 -0.51 0.00	41.53 -0.84 0.00	143.80 -2.65 0.00	30.35 -0.36 0.00	20.33 -0.24 0.00	17.86 -0.18 0.00
SITHE___OGDNSBRG 24021	-3.58 0.03 0.00	-1.61 0.01 0.00	-0.58 0.00 0.00	4.34 -0.01 0.00	0.45 0.00 0.00	3.21 -0.02 0.00	7.92 -0.06 0.00	12.98 -0.11 0.00	27.62 -0.27 0.00	23.00 0.06 0.00	24.83 -0.03 0.00	20.50 -0.34 0.00	3.96 -0.06 0.00	0.77 -0.01 0.00	-1.54 0.06 -0.84	0.53 0.00 -0.44	11.69 -0.34 0.00	20.86 -0.54 0.00	22.02 -0.49 0.00	41.73 -0.64 0.00	144.76 -1.70 0.00	30.67 -0.03 0.00	20.51 -0.07 0.00	18.03 0.00 0.00
SITHE___STERLING 23777	-1.79 -0.06 -1.87	-0.01 -0.03 -1.64	0.95 -0.01 -1.54	5.57 0.06 -1.17	1.95 0.01 -1.48	4.70 0.06 -1.41	9.13 0.16 -0.99	14.20 0.26 -0.85	28.81 0.68 -0.25	23.48 0.54 0.00	25.37 0.51 0.00	21.19 0.33 -0.02	5.12 0.03 -1.07	2.10 0.01 -1.31	-0.88 -0.03 -1.58	1.37 0.01 -1.27	12.67 0.10 -0.55	21.66 0.25 -0.01	22.98 0.36 -0.10	43.41 1.05 0.00	150.09 3.64 0.00	31.52 0.82 0.00	21.06 0.48 0.00	18.44 0.41 0.00
SLEIGHT__34_KV_TB1 80719	0.10 -0.05 -3.75	1.64 -0.02 -3.27	2.49 0.00 -3.09	6.69 0.01 -2.34	3.43 0.00 -2.97	6.09 0.04 -2.82	10.08 0.13 -1.98	15.04 0.24 -1.70	29.04 0.66 -0.50	23.49 0.55 0.00	25.42 0.56 0.00	21.23 0.35 -0.05	6.20 0.04 -2.15	3.42 0.01 -2.63	0.70 -0.03 -3.17	2.64 0.00 -2.55	13.22 0.10 -1.10	21.76 0.34 -0.03	22.94 0.23 -0.20	42.97 0.60 0.00	148.77 2.31 0.00	31.10 0.39 0.00	20.76 0.19 0.00	18.15 0.12 0.00
SOUTH CAIRO___GT 23612	27.01 -0.24 -30.86	25.19 -0.10 -26.91	24.75 -0.04 -25.38	23.82 0.28 -19.19	24.93 0.03 -24.45	26.60 0.21 -23.16	24.78 0.56 -16.24	27.99 0.91 -13.99	33.72 1.75 -4.09	24.00 1.06 0.00	25.88 1.02 0.00	22.13 0.93 -0.36	21.70 0.17 -17.51	22.24 0.03 -21.43	23.45 -0.10 -25.99	21.03 0.00 -20.93	21.59 0.56 -9.01	22.79 1.18 -0.22	25.71 1.42 -1.78	45.33 2.97 0.00	157.24 10.79 0.00	33.05 2.35 0.00	22.06 1.49 0.00	19.30 1.27 0.00
SOUTH HAMPTN___IC 23720	24.47 -0.47 -28.55	25.99 -0.20 -27.81	27.20 -0.07 -27.86	21.72 0.51 -16.86	21.99 0.05 -21.49	42.29 0.37 -38.69	125.59 1.05 -116.56	27.07 1.68 -12.30	34.79 3.30 -3.60	25.50 2.56 0.00	27.63 2.77 0.00	23.52 2.36 -0.32	19.88 0.47 -15.40	19.71 0.09 -18.84	20.13 -0.28 -22.85	36.88 -0.02 -36.81	24.44 1.69 -10.72	24.44 2.85 -0.19	27.11 3.03 -1.57	56.89 5.38 -9.15	242.27 18.19 -77.63	43.39 3.31 -9.38	25.30 2.33 -2.40	20.07 2.02 -0.01
SOUTHDOW__115KV_TB1 355954	1.28 -0.07 -4.96	2.69 -0.02 -4.32	3.49 0.00 -4.08	7.39 -0.04 -3.08	4.38 0.00 -3.93	6.98 0.03 -3.72	10.64 0.05 -2.61	15.46 0.11 -2.25	29.19 0.64 -0.67	23.81 0.87 -0.01	25.89 1.03 -0.01	21.61 0.70 -0.07	6.91 0.08 -2.82	4.25 0.02 -3.45	1.65 -0.09 -4.18	3.47 0.01 -3.37	13.68 0.20 -1.45	21.77 0.33 -0.04	23.07 0.27 -0.29	43.00 0.63 0.00	149.59 3.14 0.00	31.09 0.38 0.00	20.80 0.23 0.00	18.17 0.14 0.00
SOUTHOLD_69_KV_BK 2 55809	24.42 -0.52 -28.55	25.98 -0.21 -27.81	27.19 -0.08 -27.86	21.77 0.56 -16.86	22.00 0.06 -21.49	42.34 0.41 -38.69	125.73 1.17 -116.59	27.27 1.88 -12.30	35.09 3.60 -3.60	25.76 2.82 0.00	27.91 3.05 0.00	23.73 2.57 -0.32	19.91 0.50 -15.40	19.72 0.10 -18.84	20.11 -0.31 -22.85	36.88 -0.01 -36.81	24.55 1.80 -10.72	24.77 3.19 -0.19	27.46 3.39 -1.57	57.46 5.95 -9.15	244.20 20.10 -77.65	43.78 3.69 -9.38	25.55 2.57 -2.40	20.28 2.23 -0.01
SOUTHOLD___IC 23719	24.42 -0.53 -28.55	25.97 -0.22 -27.81	27.19 -0.08 -27.86	21.77 0.56 -16.86	22.00 0.06 -21.49	42.34 0.41 -38.69	125.73 1.17 -116.59	27.27 1.87 -12.30	35.15 3.67 -3.60	25.76 2.82 0.00	27.91 3.05 0.00	23.73 2.57 -0.32	19.92 0.51 -15.40	19.72 0.10 -18.84	20.11 -0.31 -22.85	36.88 -0.02 -36.81	24.61 1.86 -10.72	24.78 3.19 -0.19	27.46 3.39 -1.57	57.45 5.93 -9.15	244.43 20.33 -77.65	43.78 3.69 -9.38	25.55 2.57 -2.40	20.27 2.23 -0.01

SPIERFLS_115KV_TB 1 80737	30.26 -0.11 -33.98	27.97 -0.04 -29.63	27.33 -0.01 -27.94	25.56 0.10 -21.11	27.37 0.01 -26.90	28.81 0.09 -25.49	26.17 0.29 -17.90	29.00 0.49 -15.42	33.23 0.83 -4.50	23.27 0.33 0.00	25.25 0.38 0.00	21.65 0.41 -0.40	23.42 0.09 -19.32	24.44 0.02 -23.64	26.20 -0.04 -28.67	23.18 -0.01 -23.10	22.29 0.32 -9.94	22.35 0.71 -0.24	25.33 0.85 -1.96	43.89 1.53 0.00	152.00 5.55 0.00	31.86 1.15 0.00	21.26 0.69 0.00	18.60 0.57 0.00
ST LAWRENCE____ 23600	-3.51 0.10 0.00	-1.58 0.04 0.00	-0.58 0.01 0.00	4.26 -0.09 0.00	0.44 -0.01 0.00	3.16 -0.08 0.00	7.77 -0.20 0.00	12.75 -0.34 0.00	27.15 -0.74 0.00	22.46 -0.48 0.00	24.32 -0.54 0.00	20.26 -0.57 0.00	3.91 -0.10 0.00	0.76 -0.02 0.00	-2.36 0.07 0.00	0.09 0.00 0.00	11.66 -0.36 0.00	20.77 -0.63 0.00	21.87 -0.65 0.00	41.18 -1.18 0.00	142.54 -3.91 0.00	30.00 -0.71 0.00	20.11 -0.47 0.00	17.64 -0.40 0.00
STATE_CA_115KV_115_LB 55624	29.19 -0.17 -32.97	27.05 -0.07 -28.75	26.50 -0.03 -27.11	25.05 0.20 -20.50	26.60 0.02 -26.12	28.12 0.15 -24.75	25.72 0.38 -17.36	28.68 0.63 -14.96	33.54 1.28 -4.37	23.80 0.86 0.00	25.78 0.92 0.00	22.14 0.91 -0.39	22.92 0.18 -18.73	23.72 0.03 -22.91	25.24 -0.11 -27.79	22.48 0.01 -22.38	22.20 0.54 -9.63	22.62 0.98 -0.24	25.46 1.04 -1.90	44.27 1.90 0.00	153.03 6.58 0.00	32.11 1.41 0.00	21.51 0.94 0.00	18.85 0.82 0.00
STATE_ST_34_KV_LOAD 55959	0.34 -0.06 -4.00	1.86 -0.01 -3.49	2.70 0.00 -3.29	6.84 0.01 -2.49	3.63 0.00 -3.17	6.27 0.04 -3.01	10.26 0.17 -2.11	15.19 0.28 -1.82	28.88 0.46 -0.53	23.25 0.32 0.00	25.20 0.34 0.00	21.09 0.20 -0.05	6.33 0.02 -2.29	3.59 0.00 -2.81	0.92 -0.02 -3.38	2.80 -0.01 -2.72	13.35 0.15 -1.17	21.83 0.41 -0.03	23.00 0.27 -0.22	42.84 0.48 0.00	148.76 2.30 0.00	30.86 0.15 0.00	20.63 0.05 0.00	18.07 0.04 0.00
STATION 5_MISC_HYD 23604	0.00 0.03 -3.57	1.52 0.03 -3.12	2.36 0.01 -2.94	6.44 -0.13 -2.22	3.27 -0.01 -2.83	5.85 -0.06 -2.68	9.68 -0.17 -1.88	14.43 -0.29 -1.62	27.82 -0.54 -0.47	22.66 -0.28 0.00	24.54 -0.33 0.00	20.47 -0.41 -0.04	5.94 -0.11 -2.04	3.25 -0.02 -2.49	0.61 0.04 -3.01	2.52 0.00 -2.42	12.73 -0.34 -1.04	20.88 -0.54 -0.03	22.12 -0.60 -0.20	41.27 -1.10 0.00	143.34 -3.11 0.00	29.86 -0.85 0.00	19.99 -0.58 0.00	17.47 -0.56 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	0.05 0.00 -3.66	1.58 0.01 -3.19	2.43 0.01 -3.01	6.54 -0.08 -2.27	3.35 -0.01 -2.90	5.95 -0.02 -2.74	9.84 -0.06 -1.93	14.67 -0.08 -1.66	28.32 -0.06 -0.48	22.98 0.04 0.00	24.88 0.02 0.00	20.77 -0.11 -0.04	6.04 -0.06 -2.09	3.32 0.01 -2.55	0.66 0.02 -3.08	2.57 0.00 -2.48	12.93 -0.16 -1.07	21.19 -0.23 -0.03	22.46 -0.26 -0.20	41.99 -0.37 0.00	145.50 -0.95 0.00	30.37 -0.34 0.00	20.32 -0.26 0.00	17.78 -0.26 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	-0.01 0.05 -3.55	1.51 0.03 -3.10	2.35 0.02 -2.92	6.40 -0.15 -2.21	3.25 -0.01 -2.81	5.82 -0.08 -2.67	9.63 -0.21 -1.87	14.36 -0.34 -1.61	27.72 -0.64 -0.47	22.56 -0.38 0.00	24.43 -0.43 0.00	20.39 -0.49 -0.04	5.92 -0.12 -2.02	3.24 -0.02 -2.48	0.61 0.05 -2.99	2.50 0.00 -2.41	12.70 -0.37 -1.04	20.80 -0.62 -0.03	22.05 -0.67 -0.20	41.13 -1.23 0.00	142.76 -3.69 0.00	29.74 -0.96 0.00	19.91 -0.66 0.00	17.41 -0.62 0.00
STA_56____34_KV_BUS2 355983	-0.01 0.05 -3.55	1.51 0.03 -3.10	2.35 0.02 -2.92	6.40 -0.15 -2.21	3.25 -0.01 -2.81	5.82 -0.08 -2.67	9.63 -0.21 -1.87	14.36 -0.34 -1.61	27.72 -0.64 -0.47	22.56 -0.38 0.00	24.43 -0.43 0.00	20.39 -0.49 -0.04	5.92 -0.12 -2.02	3.24 -0.02 -2.48	0.61 0.05 -2.99	2.50 0.00 -2.41	12.70 -0.37 -1.04	20.80 -0.62 -0.03	22.05 -0.67 -0.20	41.13 -1.23 0.00	142.76 -3.69 0.00	29.74 -0.96 0.00	19.91 -0.66 0.00	17.41 -0.62 0.00
STA_67____115KV_BK2 355882	0.00 0.04 -3.57	1.52 0.03 -3.11	2.36 0.01 -2.94	6.43 -0.14 -2.22	3.27 -0.01 -2.83	5.84 -0.07 -2.68	9.66 -0.19 -1.88	14.40 -0.31 -1.62	27.77 -0.59 -0.47	22.61 -0.33 0.00	24.49 -0.38 0.00	20.43 -0.45 -0.04	5.93 -0.11 -2.03	3.25 -0.02 -2.49	0.61 0.04 -3.01	2.51 0.00 -2.42	12.73 -0.34 -1.04	20.83 -0.59 -0.03	22.08 -0.63 -0.20	41.17 -1.20 0.00	143.02 -3.43 0.00	29.79 -0.92 0.00	19.95 -0.63 0.00	17.44 -0.60 0.00
STA_7____115KV_9TRANS 80674	-0.02 0.01 -3.57	1.51 0.02 -3.12	2.36 0.01 -2.94	6.45 -0.12 -2.22	3.27 -0.01 -2.83	5.86 -0.05 -2.68	9.72 -0.14 -1.88	14.50 -0.22 -1.62	27.96 -0.40 -0.47	22.76 -0.18 0.00	24.65 -0.21 0.00	20.56 -0.32 -0.04	5.96 -0.09 -2.04	3.25 -0.02 -2.49	0.60 0.03 -3.01	2.51 0.00 -2.42	12.81 -0.26 -1.04	20.98 -0.44 -0.03	22.25 -0.47 -0.20	41.48 -0.88 0.00	144.18 -2.27 0.00	30.00 -0.71 0.00	20.08 -0.49 0.00	17.55 -0.48 0.00
STA_82____115KV_TB1 80780	0.01 0.04 -3.58	1.53 0.03 -3.13	2.38 0.01 -2.95	6.44 -0.14 -2.23	3.28 -0.01 -2.84	5.85 -0.07 -2.69	9.68 -0.19 -1.89	14.42 -0.31 -1.63	27.79 -0.58 -0.48	22.62 -0.32 0.00	24.49 -0.37 0.00	20.43 -0.45 -0.04	5.94 -0.11 -2.04	3.26 -0.02 -2.50	0.63 0.04 -3.02	2.52 0.00 -2.43	12.73 -0.34 -1.05	20.84 -0.58 -0.03	22.09 -0.62 -0.20	41.20 -1.16 0.00	143.16 -3.29 0.00	29.80 -0.90 0.00	19.96 -0.62 0.00	17.45 -0.58 0.00
STEEL____WIND 323596	1.11 0.03 -4.69	2.50 0.03 -4.09	3.28 0.02 -3.85	7.10 -0.16 -2.91	4.15 -0.01 -3.71	6.66 -0.09 -3.52	10.17 -0.27 -2.47	14.77 -0.45 -2.13	27.73 -0.79 -0.63	22.61 -0.33 -0.01	24.57 -0.31 -0.01	20.48 -0.42 -0.06	6.56 -0.12 -2.67	4.02 -0.02 -3.26	1.54 0.03 -3.95	3.28 0.02 -3.18	13.00 -0.40 -1.37	20.74 -0.70 -0.04	21.95 -0.84 -0.27	40.84 -1.53 0.00	141.97 -4.48 0.00	29.54 -1.17 0.00	19.82 -0.76 0.00	17.34 -0.69 0.00
STEPHTWN_115KV_BK_2 55603	28.85 -0.18 -32.64	26.76 -0.08 -28.46	26.22 -0.03 -26.84	24.85 0.21 -20.29	26.33 0.02 -25.86	27.87 0.15 -24.50	25.56 0.41 -17.18	28.54 0.65 -14.80	33.69 1.48 -4.32	23.85 0.91 0.00	25.83 0.97 0.00	22.20 0.98 -0.39	22.72 0.18 -18.53	23.49 0.03 -22.67	24.95 -0.11 -27.50	22.24 0.00 -22.15	22.17 0.62 -9.53	22.71 1.08 -0.23	25.53 1.13 -1.89	44.51 2.15 0.00	153.74 7.29 0.00	32.28 1.58 0.00	21.57 1.00 0.00	18.90 0.86 0.00
STEBEN_REC_LFGE 323667	2.22 -0.07 -5.90	3.50 -0.03 -5.15	4.26 -0.01 -4.86	8.05 0.03 -3.67	5.14 0.01 -4.68	7.76 0.09 -4.43	11.28 0.19 -3.11	16.12 0.35 -2.68	29.70 1.03 -0.78	24.02 1.08 0.00	25.96 1.10 0.00	21.71 0.80 -0.07	7.42 0.04 -3.36	4.90 0.01 -4.11	2.51 -0.03 -4.98	4.11 0.01 -4.01	13.87 0.11 -1.73	21.80 0.36 -0.04	23.40 0.55 -0.33	44.01 1.64 0.00	152.64 6.19 0.00	31.67 0.96 0.00	21.31 0.74 0.00	18.73 0.70 0.00
STONY____BROOK 24151	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	47.22 0.30 -43.69	153.32 0.87 -144.48	26.77 1.37 -12.31	34.21 2.73 -3.60	25.07 2.13 0.00	27.18 2.32 0.00	23.18 2.02 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.89 -0.01 -36.81	24.18 1.43 -10.72	23.94 2.35 -0.19	26.56 2.48 -1.57	58.43 4.42 -11.64	259.89 14.63 -98.81	45.34 2.70 -11.94	25.56 1.93 -3.06	19.72 1.67 -0.02

STURGEON_POOL_HYD 23609	23.14 -0.25 -27.00	21.81 -0.11 -23.54	21.58 -0.04 -22.20	21.41 0.27 -16.79	21.87 0.03 -21.39	23.71 0.22 -20.27	22.75 0.56 -14.21	26.27 0.93 -12.24	33.64 2.17 -3.58	24.60 1.66 0.00	26.73 1.87 0.00	22.94 1.78 -0.32	19.69 0.35 -15.33	19.60 0.07 -18.75	20.09 -0.22 -22.75	18.43 0.01 -18.32	21.04 1.12 -7.88	23.44 1.85 -0.19	25.91 1.83 -1.56	45.55 3.18 0.00	156.21 9.76 0.00	32.71 2.00 0.00	21.97 1.39 0.00	19.20 1.17 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.52 -0.23 -25.35	20.39 -0.10 -22.11	20.22 -0.04 -20.85	20.36 0.25 -15.76	20.57 0.03 -20.09	22.46 0.19 -19.03	21.83 0.50 -13.35	25.41 0.82 -11.50	33.09 1.84 -3.36	24.32 1.38 0.00	26.40 1.54 0.00	22.60 1.46 -0.30	18.70 0.29 -14.39	18.45 0.06 -17.61	18.74 -0.18 -21.36	17.31 0.01 -17.21	20.36 0.93 -7.40	23.13 1.55 -0.18	25.53 1.56 -1.46	45.07 2.71 0.00	154.99 8.53 0.00	32.46 1.76 0.00	21.77 1.20 0.00	19.04 1.01 0.00
SWANROAD_115KV_TB1 355699	0.85 0.11 -4.34	2.23 0.06 -3.79	3.02 0.04 -3.57	6.74 -0.31 -2.70	3.86 -0.03 -3.44	6.28 -0.21 -3.26	9.66 -0.60 -2.29	14.07 -0.99 -1.97	26.43 -2.04 -0.58	21.58 -1.36 0.00	23.44 -1.42 0.00	19.53 -1.36 -0.05	6.18 -0.31 -2.47	3.75 -0.06 -3.03	1.36 0.14 -3.66	3.05 0.02 -2.95	12.38 -0.92 -1.27	19.76 -1.66 -0.03	20.93 -1.83 -0.25	38.87 -3.49 0.00	135.59 -10.86 0.00	28.18 -2.53 0.00	18.93 -1.65 0.00	16.57 -1.46 0.00
SYNERGY___BIOGAS 323694	-0.07 -0.05 -3.59	1.49 -0.01 -3.13	2.36 0.00 -2.95	6.54 -0.04 -2.23	3.29 0.00 -2.84	5.93 0.01 -2.70	9.89 0.02 -1.89	14.75 0.03 -1.63	28.53 0.16 -0.48	23.22 0.28 0.00	25.06 0.20 0.00	20.82 -0.06 -0.04	6.00 -0.06 -2.05	3.28 -0.01 -2.50	0.60 0.00 -3.02	2.53 0.00 -2.44	12.89 -0.18 -1.05	21.14 -0.28 -0.03	22.50 -0.22 -0.20	42.18 -0.19 0.00	146.57 0.12 0.00	30.64 -0.07 0.00	20.50 -0.08 0.00	17.88 -0.15 0.00
SYRACUSE___ENERGY_ST1 323597	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 0.00 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.03 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.06 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.78 -0.67 0.00	30.49 -0.22 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
SYRACUSE___ENERGY_ST2 323598	-0.26 0.01 -3.34	1.30 0.01 -2.91	2.16 0.00 -2.75	6.38 -0.04 -2.07	3.10 0.00 -2.64	5.72 -0.01 -2.51	9.72 -0.01 -1.76	14.59 -0.02 -1.52	28.33 0.00 -0.44	22.93 0.00 0.00	24.85 -0.01 0.00	20.81 -0.06 -0.04	5.86 -0.03 -1.87	3.06 0.00 -2.28	0.38 0.01 -2.81	2.36 0.00 -2.27	12.95 -0.06 -0.97	21.41 -0.01 -0.02	22.53 -0.16 -0.18	42.15 -0.21 0.00	145.78 -0.67 0.00	30.49 -0.22 0.00	20.39 -0.18 0.00	17.85 -0.18 0.00
SYRACUSE___POWER 24017	-0.21 0.01 -3.38	1.34 0.01 -2.95	2.20 0.00 -2.78	6.40 -0.05 -2.10	3.13 0.00 -2.68	5.75 -0.02 -2.54	9.73 -0.03 -1.78	14.58 -0.04 -1.53	28.30 -0.04 -0.45	22.89 -0.04 0.00	24.82 -0.04 0.00	20.79 -0.08 -0.04	5.90 -0.03 -1.91	3.12 0.00 -2.34	0.42 0.01 -2.85	2.39 0.00 -2.29	12.94 -0.08 -0.99	21.31 -0.11 -0.02	22.56 -0.14 -0.18	42.19 -0.18 0.00	146.01 -0.44 0.00	30.52 -0.19 0.00	20.42 -0.15 0.00	17.88 -0.15 0.00
TALLMAN__138KV_BK151 55660	22.28 -0.25 -26.14	21.06 -0.11 -22.79	20.87 -0.04 -21.49	20.87 0.27 -16.25	21.19 0.03 -20.71	23.06 0.21 -19.62	22.29 0.55 -13.76	25.85 0.90 -11.86	33.38 2.03 -3.46	24.47 1.53 0.00	26.59 1.73 0.00	22.79 1.64 -0.31	19.18 0.32 -14.84	19.00 0.06 -18.16	19.38 -0.20 -22.03	17.84 0.01 -17.74	20.71 1.04 -7.63	23.31 1.73 -0.19	25.75 1.73 -1.51	45.32 2.96 0.00	155.86 9.41 0.00	32.62 1.92 0.00	21.89 1.31 0.00	19.13 1.10 0.00
TEALLAVE_115KV_TB7 355573	-0.69 0.03 -2.88	0.91 0.02 -2.51	1.79 0.01 -2.37	6.06 -0.08 -1.79	2.73 -0.01 -2.28	5.35 -0.04 -2.16	9.40 -0.09 -1.52	14.26 -0.14 -1.31	28.03 -0.24 -0.38	22.74 -0.20 0.00	24.66 -0.21 0.00	20.66 -0.22 -0.03	5.60 -0.06 -1.64	2.78 -0.01 -2.00	0.02 0.03 -2.43	2.05 0.00 -1.95	12.71 -0.15 -0.84	21.16 -0.25 -0.02	22.40 -0.27 -0.16	41.92 -0.44 0.00	145.04 -1.41 0.00	30.32 -0.39 0.00	20.28 -0.29 0.00	17.77 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	0.65 0.05 -4.21	2.09 0.03 -3.67	2.90 0.02 -3.46	6.75 -0.21 -2.62	3.77 -0.02 -3.34	6.26 -0.13 -3.16	9.82 -0.38 -2.22	14.39 -0.62 -1.91	27.23 -1.22 -0.56	22.23 -0.71 0.00	24.10 -0.77 0.00	20.07 -0.82 -0.05	6.21 -0.20 -2.40	3.68 -0.04 -2.93	1.20 0.08 -3.55	2.96 0.01 -2.86	12.63 -0.63 -1.23	20.33 -1.10 -0.03	21.55 -1.21 -0.24	40.14 -2.22 0.00	139.93 -6.52 0.00	29.12 -1.59 0.00	19.51 -1.06 0.00	17.07 -0.96 0.00
TEMPLE___115KV_TB 2 55572	-0.66 0.03 -2.92	0.94 0.02 -2.55	1.82 0.01 -2.40	6.09 -0.07 -1.82	2.76 -0.01 -2.31	5.39 -0.04 -2.19	9.43 -0.08 -1.54	14.29 -0.13 -1.33	28.07 -0.21 -0.39	22.76 -0.18 0.00	24.68 -0.18 0.00	20.68 -0.19 -0.04	5.62 -0.05 -1.66	2.80 -0.01 -2.03	0.05 0.03 -2.46	2.07 0.00 -1.98	12.74 -0.14 -0.85	21.18 -0.23 -0.02	22.42 -0.26 -0.16	41.96 -0.41 0.00	145.17 -1.28 0.00	30.34 -0.37 0.00	20.30 -0.28 0.00	17.77 -0.26 0.00
TIANA____69_KV_BK 1 55817	24.49 -0.45 -28.55	26.00 -0.18 -27.81	27.21 -0.07 -27.86	21.70 0.49 -16.86	21.99 0.05 -21.49	42.27 0.35 -38.69	125.57 1.00 -116.59	27.00 1.61 -12.30	34.60 3.11 -3.60	25.39 2.45 0.00	27.51 2.65 0.00	23.43 2.27 -0.32	19.86 0.45 -15.40	19.71 0.08 -18.84	20.14 -0.28 -22.85	36.89 -0.01 -36.81	24.32 1.57 -10.72	24.32 2.73 -0.19	26.99 2.91 -1.57	56.71 5.20 -9.15	241.46 17.36 -77.65	43.27 3.18 -9.38	25.23 2.25 -2.40	20.00 1.96 -0.01
TILDEN___115KV_TB1 80814	-0.21 0.01 -3.38	1.34 0.01 -2.95	2.20 0.00 -2.78	6.40 -0.05 -2.10	3.13 0.00 -2.68	5.75 -0.02 -2.54	9.73 -0.03 -1.78	14.58 -0.04 -1.53	28.30 -0.04 -0.45	22.89 -0.04 0.00	24.82 -0.04 0.00	20.79 -0.08 -0.04	5.90 -0.03 -1.91	3.12 0.00 -2.34	0.42 0.01 -2.85	2.39 0.00 -2.29	12.94 -0.08 -0.99	21.31 -0.11 -0.02	22.56 -0.14 -0.18	42.19 -0.18 0.00	146.01 -0.44 0.00	30.52 -0.19 0.00	20.42 -0.15 0.00	17.88 -0.15 0.00
TRIGEN___CC 323695	24.63 -0.31 -28.55	26.05 -0.14 -27.81	27.22 -0.05 -27.86	21.55 0.34 -16.86	21.98 0.04 -21.49	23.84 0.25 -20.36	22.94 0.69 -14.28	26.47 1.08 -12.30	33.72 2.24 -3.59	24.76 1.82 0.00	26.93 2.07 0.00	23.04 1.88 -0.32	19.79 0.38 -15.40	19.69 0.07 -18.84	20.18 -0.24 -22.85	36.90 0.00 -36.81	23.98 1.23 -10.72	21.45 1.98 1.93	23.71 2.00 0.80	45.25 3.54 0.66	155.12 11.22 2.55	32.93 2.22 0.00	22.16 1.58 0.00	19.41 1.37 0.00
TRINITY__115KV__ 4 BK 55933	28.93 -0.16 -32.69	26.82 -0.07 -28.51	26.27 -0.02 -26.88	24.86 0.19 -20.32	26.37 0.02 -25.90	27.90 0.14 -24.54	25.54 0.35 -17.21	28.50 0.58 -14.82	33.38 1.16 -4.33	23.70 0.77 0.00	25.67 0.81 0.00	22.05 0.83 -0.39	22.74 0.17 -18.56	23.52 0.03 -22.71	25.01 -0.10 -27.54	22.28 0.00 -22.19	22.06 0.49 -9.55	22.52 0.89 -0.23	25.35 0.95 -1.89	44.08 1.71 0.00	152.38 5.93 0.00	31.98 1.28 0.00	21.42 0.85 0.00	18.78 0.75 0.00

UNION___PROCESSING_DRP 323587	0.02 0.03 -3.59	1.54 0.03 -3.13	2.38 0.01 -2.95	6.44 -0.14 -2.23	3.29 -0.01 -2.84	5.86 -0.07 -2.70	9.68 -0.18 -1.89	14.42 -0.30 -1.63	27.80 -0.56 -0.48	22.63 -0.31 0.00	24.50 -0.36 0.00	20.44 -0.44 -0.04	5.94 -0.11 -2.05	3.26 -0.02 -2.50	0.63 0.04 -3.02	2.52 0.00 -2.44	12.74 -0.34 -1.05	20.85 -0.57 -0.03	22.10 -0.61 -0.20	41.23 -1.14 0.00	143.18 -3.27 0.00	29.82 -0.88 0.00	19.97 -0.61 0.00	17.46 -0.58 0.00
UPPER HUDSON___HYD 24058	30.26 -0.11 -33.98	27.97 -0.04 -29.63	27.33 -0.01 -27.94	25.56 0.10 -21.11	27.37 0.01 -26.90	28.81 0.09 -25.49	26.17 0.29 -17.90	29.01 0.49 -15.42	33.24 0.84 -4.50	23.27 0.33 0.00	25.25 0.38 0.00	21.65 0.41 -0.40	23.43 0.09 -19.32	24.44 0.02 -23.64	26.20 -0.04 -28.67	23.18 -0.01 -23.10	22.30 0.33 -9.94	22.35 0.71 -0.24	25.33 0.85 -1.96	43.89 1.53 0.00	152.04 5.58 0.00	31.85 1.15 0.00	21.26 0.69 0.00	18.60 0.57 0.00
UPPER RAQUET___HYD 24056	-3.53 0.08 0.00	-1.58 0.03 0.00	-0.58 0.01 0.00	4.27 -0.08 0.00	0.45 -0.01 0.00	3.15 -0.08 0.00	7.78 -0.20 0.00	12.73 -0.36 0.00	27.12 -0.77 0.00	22.73 -0.21 0.00	24.54 -0.32 0.00	20.08 -0.76 0.00	3.87 -0.14 0.00	0.75 -0.03 0.00	-1.21 0.12 -1.11	0.67 0.00 -0.58	11.37 -0.66 0.00	20.32 -1.08 0.00	21.49 -1.02 0.00	40.78 -1.59 0.00	141.53 -4.93 0.00	30.17 -0.54 0.00	20.18 -0.40 0.00	17.82 -0.21 0.00
VALLEY44_115KV_TB2 355964	1.44 -0.06 -5.10	2.81 -0.02 -4.45	3.60 0.00 -4.20	7.52 0.01 -3.17	4.50 0.00 -4.04	7.10 0.04 -3.83	10.72 0.07 -2.69	15.55 0.14 -2.32	29.27 0.70 -0.69	23.77 0.83 -0.01	25.79 0.93 -0.01	21.60 0.70 -0.07	6.98 0.06 -2.90	4.35 0.02 -3.55	1.79 -0.07 -4.30	3.56 0.01 -3.46	13.69 0.17 -1.49	21.66 0.22 -0.05	22.93 0.12 -0.30	42.71 0.34 0.00	148.31 1.86 0.00	30.77 0.06 0.00	20.73 0.15 0.00	18.14 0.11 0.00
VALLEY___115KV_TB 1-4 80826	-3.61 0.00 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.02 0.05 0.00	13.17 0.08 0.00	27.99 0.10 0.00	22.73 -0.21 0.00	24.62 -0.24 0.00	20.70 -0.14 0.00	3.99 -0.02 0.00	0.77 -0.01 0.00	-2.41 0.03 0.00	0.09 0.00 0.00	11.91 -0.11 0.00	21.26 -0.13 0.00	22.46 -0.05 0.00	42.70 0.33 0.00	147.53 1.08 0.00	31.06 0.35 0.00	20.76 0.18 0.00	18.19 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	7.06 -0.13 -10.79	7.74 -0.05 -9.41	8.27 -0.02 -8.88	11.18 0.12 -6.71	9.02 0.02 -8.55	11.44 0.10 -8.11	13.99 0.33 -5.69	18.52 0.53 -4.90	30.35 1.03 -1.43	23.69 0.75 0.00	25.69 0.83 0.00	21.70 0.73 -0.13	10.28 0.13 -6.14	8.31 0.02 -7.51	6.58 -0.08 -9.10	7.42 0.00 -7.33	15.66 0.48 -3.15	22.34 0.87 -0.08	24.07 0.94 -0.62	43.97 1.61 0.00	152.24 5.79 0.00	31.68 0.97 0.00	21.23 0.65 0.00	18.60 0.56 0.00
VISCHER___FERRY HYD 24020	29.43 -0.16 -33.19	27.26 -0.07 -28.95	26.68 -0.02 -27.30	25.16 0.18 -20.63	26.76 0.02 -26.28	28.27 0.14 -24.90	25.80 0.35 -17.48	28.73 0.58 -15.05	33.40 1.12 -4.40	23.60 0.66 0.00	25.56 0.70 0.00	21.96 0.72 -0.39	23.02 0.15 -18.86	23.89 0.03 -23.07	25.47 -0.08 -27.99	22.64 0.00 -22.55	22.16 0.43 -9.70	22.44 0.80 -0.24	25.32 0.88 -1.92	44.02 1.65 0.00	152.43 5.98 0.00	31.99 1.29 0.00	21.42 0.84 0.00	18.77 0.74 0.00
V_A_10_SYNC_DSASP 323832	0.42 0.08 -3.95	1.87 0.04 -3.45	2.68 0.02 -3.25	6.60 -0.21 -2.46	3.56 -0.02 -3.13	6.07 -0.13 -2.97	9.69 -0.37 -2.08	14.27 -0.61 -1.79	27.22 -1.19 -0.52	22.21 -0.73 0.00	24.08 -0.78 0.00	20.09 -0.79 -0.05	6.08 -0.19 -2.25	3.50 -0.03 -2.75	0.97 0.08 -3.33	2.77 0.00 -2.68	12.62 -0.56 -1.15	20.39 -1.03 -0.03	21.58 -1.15 -0.22	40.13 -2.24 0.00	139.43 -7.02 0.00	29.01 -1.69 0.00	19.48 -1.09 0.00	17.05 -0.98 0.00
V_CMM_10_SYNC_DSASP 323787	-3.52 0.08 0.00	-1.59 0.03 0.00	-0.58 0.01 0.00	4.28 -0.07 0.00	0.45 -0.01 0.00	3.17 -0.06 0.00	7.81 -0.17 0.00	12.81 -0.29 0.00	27.28 -0.61 0.00	22.56 -0.38 0.00	24.44 -0.42 0.00	20.36 -0.48 0.00	3.93 -0.08 0.00	0.76 -0.02 0.00	-2.37 0.06 0.00	0.09 0.00 0.00	11.72 -0.31 0.00	20.86 -0.53 0.00	21.96 -0.55 0.00	41.38 -0.98 0.00	143.20 -3.25 0.00	30.13 -0.57 0.00	20.20 -0.38 0.00	17.72 -0.32 0.00
V_CMP_10_SYNC_DSASP 323788	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.01 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.03 0.05 0.00	13.09 0.00 0.00	27.49 -0.40 0.00	22.51 -0.42 0.00	24.53 -0.33 0.00	20.29 -0.55 0.00	3.90 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.15 -0.02 3.22	11.48 -0.55 0.00	20.64 -0.75 0.00	22.07 -0.44 0.00	42.19 -0.18 0.00	147.67 1.22 0.00	30.87 0.16 0.00	20.62 0.04 0.00	18.07 0.04 0.00
V_E_10_SYNC_DSASP 323830	4.44 -0.21 -8.25	5.47 -0.10 -7.19	6.16 -0.03 -6.79	9.70 0.22 -5.13	7.02 0.03 -6.54	9.65 0.22 -6.20	12.91 0.59 -4.35	17.82 0.99 -3.75	31.08 2.09 -1.09	24.55 1.61 0.00	26.36 1.50 0.00	21.90 0.96 -0.10	8.85 0.14 -4.69	6.55 0.03 -5.74	4.43 -0.09 -6.96	5.70 0.00 -5.60	14.87 0.43 -2.41	22.51 1.06 -0.06	24.45 1.47 -0.47	45.91 3.54 0.00	158.92 12.47 0.00	33.27 2.57 0.00	22.15 1.58 0.00	19.40 1.36 0.00
V_F_30_NSYNC___DSASP 323816	30.08 -0.17 -33.87	27.84 -0.08 -29.53	27.24 -0.03 -27.86	25.67 0.20 -21.12	27.39 0.02 -26.91	28.89 0.16 -25.50	26.33 0.44 -17.91	29.24 0.72 -15.43	33.77 1.38 -4.51	23.74 0.80 0.00	25.73 0.87 0.00	22.07 0.83 -0.40	23.44 0.17 -19.26	24.37 0.03 -23.56	26.05 -0.09 -28.58	23.11 0.00 -23.02	22.47 0.53 -9.90	22.67 1.03 -0.24	25.62 1.15 -1.96	44.49 2.13 0.00	154.07 7.62 0.00	32.28 1.58 0.00	21.58 1.00 0.00	18.89 0.86 0.00
V_F_30_SYNC_DSASP 323786	29.17 -0.17 -32.95	27.03 -0.07 -28.73	26.48 -0.03 -27.09	25.03 0.20 -20.48	26.58 0.02 -26.10	28.11 0.15 -24.73	25.71 0.38 -17.35	28.67 0.63 -14.94	33.53 1.28 -4.36	23.80 0.86 0.00	25.77 0.91 0.00	22.14 0.91 -0.39	22.91 0.18 -18.71	23.71 0.03 -22.89	25.22 -0.11 -27.77	22.46 0.00 -22.37	22.19 0.53 -9.62	22.61 0.98 -0.24	25.46 1.04 -1.90	44.26 1.90 0.00	153.02 6.57 0.00	32.11 1.41 0.00	21.51 0.94 0.00	18.85 0.82 0.00
V_XM_10_SYNC_DSASP 323789	-3.59 0.01 0.00	-1.61 0.01 0.00	-0.59 0.00 0.00	4.36 0.01 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.03 0.05 0.00	13.09 0.00 0.00	27.49 -0.40 0.00	22.51 -0.42 0.00	24.53 -0.33 0.00	20.29 -0.55 0.00	3.90 -0.11 0.00	0.76 -0.02 0.00	-8.44 0.13 6.14	-3.15 -0.02 3.22	11.48 -0.55 0.00	20.64 -0.75 0.00	22.07 -0.44 0.00	42.19 -0.18 0.00	147.67 1.22 0.00	30.87 0.16 0.00	20.62 0.04 0.00	18.07 0.04 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.42 -0.26 -26.29	21.19 -0.11 -22.92	20.99 -0.04 -21.62	20.97 0.28 -16.34	21.31 0.03 -20.83	23.18 0.22 -19.73	22.39 0.57 -13.84	25.96 0.94 -11.92	33.48 2.11 -3.48	24.54 1.60 0.00	26.66 1.80 0.00	22.84 1.69 -0.31	19.27 0.33 -14.93	19.11 0.06 -18.27	19.50 -0.21 -22.15	17.94 0.01 -17.85	20.79 1.08 -7.68	23.38 1.79 -0.19	25.83 1.80 -1.52	45.47 3.11 0.00	156.30 9.85 0.00	32.72 2.02 0.00	21.95 1.38 0.00	19.18 1.15 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.24 -0.26 -27.12	21.90 -0.12 -23.64	21.67 -0.04 -22.29	21.49 0.28 -16.86	21.97 0.03 -21.48	23.81 0.23 -20.35	22.84 0.58 -14.28	26.35 0.96 -12.30	33.71 2.23 -3.59	24.67 1.73 0.00	26.82 1.95 0.00	23.00 1.84 -0.32	19.77 0.36 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.10 1.15 -7.92	23.49 1.90 -0.19	25.96 1.88 -1.56	45.52 3.16 0.00	156.32 9.87 0.00	32.79 2.09 0.00	22.03 1.45 0.00	19.26 1.23 0.00
W50THST__13_KV_LOAD 356117	23.22 -0.29 -27.12	21.89 -0.13 -23.64	21.66 -0.04 -22.29	21.51 0.31 -16.86	21.97 0.03 -21.48	23.83 0.25 -20.35	22.89 0.64 -14.28	26.44 1.05 -12.30	33.94 2.46 -3.59	24.86 1.92 0.00	27.03 2.17 0.00	23.18 2.02 -0.32	19.80 0.39 -15.39	19.69 0.07 -18.84	20.16 -0.25 -22.85	18.50 0.01 -18.41	21.20 1.26 -7.92	23.67 2.09 -0.19	26.13 2.06 -1.56	45.82 3.46 0.00	157.34 10.89 0.00	32.98 2.28 0.00	22.15 1.57 0.00	19.36 1.33 0.00
WADING RIVER_IC_1 23522	24.53 -0.41 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.18 0.31 -38.64	125.18 0.90 -116.31	26.82 1.42 -12.30	34.30 2.81 -3.60	25.11 2.17 0.00	27.21 2.35 0.00	23.19 2.03 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.88 -0.01 -36.81	24.21 1.46 -10.72	24.00 2.41 -0.19	26.65 2.58 -1.57	56.07 4.57 -9.13	239.18 15.29 -77.43	42.86 2.80 -9.36	24.98 2.01 -2.40	19.79 1.74 -0.01
WADING RIVER_IC_2 23547	24.53 -0.41 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.18 0.31 -38.64	125.18 0.90 -116.31	26.82 1.42 -12.30	34.30 2.81 -3.60	25.11 2.17 0.00	27.21 2.35 0.00	23.19 2.03 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.88 -0.01 -36.81	24.21 1.46 -10.72	24.00 2.41 -0.19	26.65 2.58 -1.57	56.07 4.57 -9.13	239.18 15.29 -77.43	42.86 2.80 -9.36	24.98 2.01 -2.40	19.79 1.74 -0.01
WADING RIVER_IC_3 23601	24.53 -0.41 -28.55	26.01 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.99 0.04 -21.49	42.18 0.31 -38.64	125.18 0.90 -116.31	26.82 1.42 -12.30	34.30 2.81 -3.60	25.11 2.17 0.00	27.21 2.35 0.00	23.19 2.03 -0.32	19.82 0.41 -15.40	19.70 0.08 -18.84	20.17 -0.25 -22.85	36.88 -0.01 -36.81	24.21 1.46 -10.72	24.00 2.41 -0.19	26.65 2.58 -1.57	56.07 4.57 -9.13	239.18 15.29 -77.43	42.86 2.80 -9.36	24.98 2.01 -2.40	19.79 1.74 -0.01
WALDENNY_12_KV_BK2 80841	1.07 0.03 -4.65	2.46 0.02 -4.05	3.25 0.02 -3.82	7.07 -0.17 -2.89	4.12 -0.02 -3.68	6.63 -0.10 -3.49	10.13 -0.29 -2.45	14.73 -0.48 -2.11	27.67 -0.85 -0.63	22.56 -0.39 -0.01	24.51 -0.36 -0.01	20.45 -0.45 -0.06	6.53 -0.13 -2.65	4.00 -0.02 -3.24	1.52 0.04 -3.92	3.25 0.01 -3.16	12.98 -0.40 -1.36	20.68 -0.76 -0.04	21.90 -0.88 -0.27	40.71 -1.66 0.00	141.67 -4.78 0.00	29.44 -1.26 0.00	19.76 -0.81 0.00	17.29 -0.74 0.00
WALDEN__HYDRO 24148	22.46 -0.26 -26.33	21.22 -0.11 -22.95	21.02 -0.04 -21.65	20.99 0.28 -16.37	21.34 0.03 -20.86	23.21 0.22 -19.76	22.42 0.58 -13.86	25.99 0.96 -11.94	33.47 2.10 -3.49	24.46 1.52 0.00	26.51 1.65 0.00	22.70 1.55 -0.31	19.27 0.31 -14.95	19.13 0.06 -18.29	19.55 -0.19 -22.18	17.97 0.01 -17.87	20.71 1.00 -7.69	23.26 1.68 -0.19	25.76 1.72 -1.52	45.47 3.10 0.00	156.55 10.10 0.00	32.77 2.06 0.00	21.98 1.40 0.00	19.21 1.18 0.00
WARRENSBURG____ 23737	30.26 -0.11 -33.98	27.97 -0.04 -29.63	27.33 -0.01 -27.94	25.56 0.10 -21.11	27.37 0.01 -26.90	28.81 0.09 -25.49	26.17 0.29 -17.90	29.01 0.49 -15.42	33.24 0.84 -4.50	23.27 0.33 0.00	25.25 0.38 0.00	21.65 0.41 -0.40	23.43 0.09 -19.32	24.44 0.02 -23.64	26.20 -0.04 -28.67	23.18 -0.01 -23.10	22.30 0.33 -9.94	22.35 0.71 -0.24	25.33 0.85 -1.96	43.89 1.53 0.00	152.04 5.58 0.00	31.85 1.15 0.00	21.26 0.69 0.00	18.60 0.57 0.00
WATERSIDE____6 8 9 23538	23.25 -0.26 -27.11	21.91 -0.11 -23.64	21.67 -0.04 -22.29	21.48 0.27 -16.86	21.97 0.03 -21.48	23.81 0.22 -20.35	22.83 0.58 -14.28	26.34 0.95 -12.30	33.65 2.17 -3.59	24.62 1.68 0.00	26.75 1.88 0.00	22.95 1.79 -0.32	19.76 0.35 -15.39	19.68 0.07 -18.84	20.19 -0.22 -22.85	18.50 0.01 -18.41	21.07 1.12 -7.92	23.44 1.85 -0.19	25.90 1.82 -1.56	45.43 3.07 0.00	155.99 9.54 0.00	32.71 2.01 0.00	21.99 1.41 0.00	19.23 1.19 0.00
WATKINRD_115KV_LN8_ILLION 55919	-3.62 -0.01 0.00	-1.63 -0.01 0.00	-0.59 0.00 0.00	4.36 0.02 0.00	0.46 0.00 0.00	3.25 0.02 0.00	8.03 0.05 0.00	13.18 0.08 0.00	28.00 0.12 0.00	22.84 -0.10 0.00	24.74 -0.12 0.00	20.80 -0.04 0.00	4.01 -0.01 0.00	0.78 0.00 0.00	-2.43 0.01 0.00	0.09 0.00 0.00	12.00 -0.03 0.00	21.39 -0.01 0.00	22.58 0.06 0.00	42.72 0.35 0.00	147.70 1.25 0.00	31.01 0.30 0.00	20.74 0.16 0.00	18.16 0.13 0.00
WATSON____69_KV_BK 1 55734	24.54 -0.40 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.65 0.44 -16.86	21.99 0.04 -21.49	33.03 0.31 -29.48	74.06 0.88 -65.21	26.79 1.39 -12.30	34.31 2.83 -3.59	25.21 2.27 0.00	27.33 2.47 0.00	23.30 2.14 -0.32	19.83 0.42 -15.40	19.70 0.08 -18.84	20.15 -0.27 -22.85	36.90 0.00 -36.81	24.20 1.45 -10.72	22.91 2.43 0.92	25.11 2.56 -0.04	51.15 4.66 -4.13	198.57 15.11 -37.00	38.27 2.89 -4.67	23.82 2.05 -1.20	19.82 1.78 -0.01
WDELAWARE__HYD 323627	19.27 -0.23 -23.11	18.40 -0.13 -20.15	18.36 -0.05 -19.00	19.05 0.34 -14.37	18.80 0.04 -18.31	20.85 0.27 -17.34	20.79 0.65 -12.17	24.63 1.05 -10.48	33.35 2.39 -3.06	24.78 1.84 0.00	26.92 2.06 0.00	22.99 1.88 -0.27	17.49 0.36 -13.12	16.90 0.07 -16.05	16.80 -0.23 -19.47	15.79 0.02 -15.68	19.91 1.14 -6.75	23.51 1.95 -0.17	25.90 2.05 -1.33	46.15 3.78 0.00	158.27 11.82 0.00	33.23 2.52 0.00	22.25 1.68 0.00	19.37 1.34 0.00
WEST BABYLON__IC 23714	24.56 -0.38 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.63 0.42 -16.86	21.98 0.04 -21.49	26.07 0.30 -22.54	35.26 0.83 -26.45	26.72 1.33 -12.30	34.19 2.71 -3.59	25.11 2.17 0.00	27.25 2.38 0.00	23.24 2.09 -0.32	19.83 0.42 -15.40	19.70 0.08 -18.84	20.16 -0.26 -22.85	36.90 0.00 -36.81	24.15 1.40 -10.72	20.62 2.35 3.12	22.83 2.44 2.13	46.85 4.42 -0.07	165.97 14.26 -5.26	34.59 2.77 -1.12	22.82 1.96 -0.28	19.74 1.70 0.00
WEST CANADA__HYD 24049	-3.61 0.00 0.00	-1.62 0.00 0.00	-0.59 0.00 0.00	4.35 0.00 0.00	0.46 0.00 0.00	3.23 0.00 0.00	7.99 0.02 0.00	13.12 0.03 0.00	27.92 0.03 0.00	22.93 -0.01 0.00	24.85 -0.01 0.00	20.84 0.00 0.00	4.01 0.00 0.00	0.78 0.00 0.00	-2.44 0.00 0.00	0.09 0.00 0.00	12.03 0.00 0.00	21.42 0.02 0.00	22.56 0.04 0.00	42.45 0.09 0.00	146.77 0.32 0.00	30.77 0.07 0.00	20.61 0.04 0.00	18.07 0.04 0.00
WESTERN_NY_WIND 24143	0.69 0.02 -4.28	2.14 0.02 -3.73	2.95 0.02 -3.52	6.83 -0.18 -2.66	3.83 -0.02 -3.39	6.34 -0.10 -3.21	9.94 -0.30 -2.26	14.56 -0.48 -1.94	27.52 -0.94 -0.57	22.47 -0.47 0.00	24.30 -0.57 0.00	20.19 -0.70 -0.05	6.28 -0.17 -2.44	3.73 -0.03 -2.98	1.25 0.07 -3.61	3.02 0.02 -2.91	12.64 -0.63 -1.25	20.45 -0.98 -0.03	21.71 -1.05 -0.24	40.62 -1.75 0.00	141.69 -4.77 0.00	29.54 -1.16 0.00	19.77 -0.81 0.00	17.28 -0.75 0.00

WESTOVER___LESR 323668	5.04 -0.05 -8.70	5.95 -0.02 -7.59	6.56 -0.01 -7.16	9.79 0.03 -5.41	7.36 0.00 -6.89	9.80 0.04 -6.53	12.66 0.10 -4.58	17.22 0.18 -3.95	29.54 0.50 -1.15	23.25 0.31 0.00	25.29 0.43 0.00	21.29 0.35 -0.10	9.01 0.05 -4.95	6.84 0.01 -6.05	4.86 -0.04 -7.33	6.00 0.00 -5.91	14.78 0.21 -2.54	21.77 0.31 -0.06	23.32 0.32 -0.49	43.13 0.76 0.00	149.09 2.64 0.00	31.02 0.31 0.00	20.78 0.21 0.00	18.28 0.24 0.00
WETHRSFD_WT_PWR 323626	1.82 0.06 -5.36	3.10 0.04 -4.68	3.84 0.02 -4.41	7.51 -0.17 -3.34	4.69 -0.01 -4.25	7.17 -0.09 -4.03	10.52 -0.28 -2.83	15.05 -0.47 -2.44	27.72 -0.88 -0.72	22.47 -0.47 0.00	24.47 -0.39 0.00	20.44 -0.46 -0.07	6.94 -0.13 -3.05	4.50 -0.02 -3.73	2.13 0.05 -4.52	3.74 0.01 -3.64	13.20 -0.40 -1.57	20.78 -0.66 -0.05	22.07 -0.75 -0.31	41.08 -1.29 0.00	142.65 -3.80 0.00	29.61 -1.09 0.00	19.88 -0.69 0.00	17.44 -0.60 0.00
WHAVSTOR_138KV_BK127 55557	22.47 -0.24 -26.32	21.22 -0.11 -22.95	21.02 -0.04 -21.64	20.97 0.26 -16.36	21.33 0.03 -20.85	23.19 0.21 -19.76	22.37 0.54 -13.86	25.91 0.88 -11.94	33.36 1.98 -3.49	24.43 1.49 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.27 0.32 -14.94	19.13 0.06 -18.28	19.54 -0.20 -22.18	17.96 0.01 -17.86	20.73 1.02 -7.69	23.27 1.69 -0.19	25.72 1.68 -1.52	45.26 2.89 0.00	155.57 9.12 0.00	32.58 1.87 0.00	21.86 1.28 0.00	19.11 1.08 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.47 -0.24 -26.32	21.22 -0.11 -22.95	21.02 -0.04 -21.64	20.97 0.26 -16.36	21.33 0.03 -20.85	23.19 0.21 -19.76	22.37 0.54 -13.86	25.91 0.88 -11.94	33.36 1.98 -3.49	24.43 1.49 0.00	26.54 1.68 0.00	22.75 1.60 -0.31	19.27 0.32 -14.94	19.13 0.06 -18.28	19.54 -0.20 -22.18	17.96 0.01 -17.86	20.73 1.02 -7.69	23.27 1.69 -0.19	25.72 1.68 -1.52	45.26 2.89 0.00	155.57 9.12 0.00	32.58 1.87 0.00	21.86 1.28 0.00	19.11 1.08 0.00
WHITEHAL_115KV_TB1 80871	30.08 -0.25 -33.93	27.86 -0.11 -29.59	27.28 -0.03 -27.90	25.66 0.24 -21.07	27.33 0.03 -26.85	28.89 0.21 -25.44	26.46 0.61 -17.87	29.51 1.02 -15.40	34.13 1.75 -4.50	23.76 0.82 0.00	25.90 1.04 0.00	22.21 0.97 -0.40	23.52 0.21 -19.29	24.43 0.04 -23.61	26.10 -0.10 -28.64	23.14 -0.02 -23.07	22.69 0.74 -9.92	23.11 1.47 -0.24	26.23 1.76 -1.96	45.45 3.09 0.00	157.42 10.97 0.00	33.15 2.44 0.00	22.08 1.51 0.00	19.33 1.30 0.00
WHITEPLN_13_KV_LOAD 356215	23.18 -0.28 -27.07	21.86 -0.13 -23.60	21.63 -0.04 -22.26	21.48 0.31 -16.83	21.93 0.03 -21.45	23.79 0.24 -20.32	22.84 0.61 -14.25	26.37 1.00 -12.28	33.84 2.36 -3.59	24.76 1.82 0.00	26.91 2.04 0.00	23.06 1.90 -0.32	19.76 0.37 -15.37	19.66 0.07 -18.81	20.14 -0.23 -22.81	18.48 0.02 -18.37	21.09 1.16 -7.91	23.50 1.91 -0.19	25.98 1.91 -1.56	45.76 3.40 0.00	157.02 10.57 0.00	33.01 2.31 0.00	22.15 1.57 0.00	19.36 1.32 0.00
WM_FLOYD_69_KV_BK2 356380	24.55 -0.39 -28.55	26.02 -0.17 -27.81	27.21 -0.06 -27.86	21.64 0.43 -16.86	21.98 0.04 -21.49	42.47 0.31 -38.92	126.74 0.87 -117.89	26.77 1.37 -12.30	34.20 2.71 -3.60	25.08 2.14 0.00	27.17 2.31 0.00	23.15 1.99 -0.32	19.80 0.39 -15.40	19.70 0.07 -18.84	20.17 -0.24 -22.85	36.90 0.00 -36.81	24.12 1.37 -10.72	23.91 2.32 -0.19	26.56 2.48 -1.57	56.12 4.49 -9.27	239.70 14.62 -78.63	42.98 2.77 -9.50	25.00 1.99 -2.43	19.78 1.74 -0.01
WOODARD__115KV_TB2 355635	-0.65 0.04 -2.91	0.94 0.03 -2.54	1.82 0.01 -2.39	6.07 -0.09 -1.81	2.75 -0.01 -2.31	5.37 -0.05 -2.18	9.39 -0.11 -1.53	14.23 -0.18 -1.32	27.95 -0.32 -0.39	22.67 -0.27 0.00	24.58 -0.28 0.00	20.59 -0.28 -0.03	5.60 -0.07 -1.66	2.80 -0.01 -2.03	0.05 0.03 -2.45	2.07 0.00 -1.98	12.69 -0.19 -0.85	21.12 -0.29 -0.02	22.33 -0.34 -0.16	41.80 -0.56 0.00	144.62 -1.83 0.00	30.24 -0.46 0.00	20.24 -0.34 0.00	17.72 -0.31 0.00
YORK___WARBASSE 23770	23.22 -0.29 -27.12	21.90 -0.12 -23.64	21.66 -0.04 -22.29	21.50 0.29 -16.86	21.97 0.03 -21.48	23.82 0.24 -20.35	22.88 0.62 -14.28	26.40 1.01 -12.30	33.78 2.30 -3.59	24.74 1.80 0.00	26.87 2.01 0.00	23.05 1.89 -0.32	19.78 0.37 -15.39	19.69 0.07 -18.84	20.18 -0.23 -22.85	18.50 0.01 -18.41	21.13 1.18 -7.92	23.55 1.96 -0.19	26.00 1.92 -1.56	45.60 3.24 0.00	156.59 10.14 0.00	32.84 2.14 0.00	22.09 1.52 0.00	19.31 1.27 0.00