

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/19/2023

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	22.22	27.44	17.52	17.86	16.35	19.09	28.24	30.77	26.29	28.45	26.49	24.15	22.52	24.69	22.84	26.93	31.44	33.83	44.21	25.50	29.31	24.42	22.07	23.30
24138	1.13	1.12	0.96	0.91	0.90	1.09	1.61	1.31	1.70	2.11	2.09	1.80	0.68	0.15	1.13	0.09	-0.12	0.39	0.10	1.35	1.78	1.77	1.42	1.25
	0.00	-5.15	0.00	0.00	0.00	0.00	-1.87	-11.32	-2.77	-0.34	-0.07	-2.99	-14.47	-22.93	-10.17	-25.96	-32.79	-29.34	-42.81	-7.44	-4.42	0.00	0.00	0.00
74TH STREET_GT_1	22.19	27.40	17.50	17.84	16.33	19.06	28.17	30.73	26.23	28.35	26.43	24.10	22.51	24.69	22.81	26.93	31.45	33.82	44.21	25.48	29.28	24.37	22.04	23.26
24260	1.10	1.08	0.93	0.89	0.87	1.06	1.54	1.27	1.64	2.02	2.03	1.75	0.66	0.15	1.09	0.09	-0.12	0.38	0.10	1.34	1.75	1.72	1.39	1.21
	0.00	-5.15	0.00	0.00	0.00	0.00	-1.87	-11.32	-2.77	-0.34	-0.07	-2.99	-14.47	-22.93	-10.17	-25.96	-32.79	-29.34	-42.81	-7.44	-4.42	0.00	0.00	0.00
74TH STREET_GT_2	22.19	27.40	17.50	17.84	16.33	19.06	28.17	30.73	26.23	28.35	26.43	24.10	22.51	24.69	22.81	26.93	31.45	33.82	44.21	25.48	29.28	24.37	22.04	23.26
24261	1.10	1.08	0.93	0.89	0.87	1.06	1.54	1.27	1.64	2.02	2.03	1.75	0.66	0.15	1.09	0.09	-0.12	0.38	0.10	1.34	1.75	1.72	1.39	1.21
	0.00	-5.15	0.00	0.00	0.00	0.00	-1.87	-11.32	-2.77	-0.34	-0.07	-2.99	-14.47	-22.93	-10.17	-25.96	-32.79	-29.34	-42.81	-7.44	-4.42	0.00	0.00	0.00
ADK HUDSON___FALLS	22.38	16.02	17.57	18.05	16.50	19.28	28.86	33.89	27.12	27.62	26.10	24.58	26.00	30.33	25.05	32.75	38.69	41.01	54.75	27.29	30.49	24.33	22.14	23.34
24011	1.29	1.28	1.01	1.11	1.05	1.28	1.93	1.63	1.88	2.00	1.84	1.50	0.58	0.13	0.89	0.07	-0.09	0.33	0.10	1.32	1.87	1.68	1.49	1.29
	0.00	6.43	0.00	0.00	0.00	0.00	-2.16	-14.12	-3.43	0.37	0.07	-3.72	-18.04	-28.59	-12.62	-31.80	-40.01	-36.59	-53.34	-9.27	-5.51	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.47	16.18	17.63	18.15	16.59	19.42	29.09	34.11	27.38	27.86	26.28	24.75	26.06	30.35	25.14	32.77	38.70	41.07	54.78	27.45	30.66	24.48	22.27	23.44
23798	1.37	1.36	1.07	1.20	1.14	1.41	2.16	1.84	2.13	2.24	2.02	1.66	0.64	0.14	0.97	0.08	-0.10	0.37	0.12	1.47	2.04	1.83	1.62	1.39
	0.00	6.35	0.00	0.00	0.00	0.00	-2.17	-14.13	-3.43	0.37	0.07	-3.72	-18.05	-28.61	-12.63	-31.81	-40.03	-36.61	-53.36	-9.27	-5.51	0.00	0.00	0.00
ADK S GLENS___FALLS	22.38	16.02	17.57	18.05	16.50	19.28	28.86	33.89	27.12	27.62	26.10	24.58	26.00	30.33	25.05	32.75	38.69	41.01	54.75	27.29	30.49	24.33	22.14	23.34
24028	1.29	1.28	1.01	1.11	1.05	1.28	1.93	1.63	1.88	2.00	1.84	1.50	0.58	0.13	0.89	0.07	-0.09	0.33	0.10	1.32	1.87	1.68	1.49	1.29
	0.00	6.43	0.00	0.00	0.00	0.00	-2.16	-14.12	-3.43	0.37	0.07	-3.72	-18.04	-28.59	-12.62	-31.80	-40.01	-36.59	-53.34	-9.27	-5.51	0.00	0.00	0.00
ADK_NYS___DAM	21.93	9.22	17.26	17.75	16.20	18.76	27.81	32.83	26.20	26.33	25.25	23.88	25.27	29.47	24.29	31.53	37.16	39.84	53.25	26.54	29.80	23.79	21.57	22.74
23527	0.83	0.91	0.70	0.80	0.75	0.76	1.03	0.97	1.06	1.09	1.06	0.90	0.37	0.08	0.52	0.04	-0.05	0.18	0.06	0.82	1.33	1.15	0.92	0.68
	0.00	12.86	0.00	0.00	0.00	0.00	-2.02	-13.72	-3.31	0.75	0.14	-3.62	-17.53	-27.78	-12.23	-30.61	-38.44	-35.56	-51.88	-9.02	-5.36	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.18	15.77	16.68	17.09	15.60	18.17	27.13	32.22	25.49	25.96	24.59	23.31	25.09	29.50	24.06	31.92	37.79	39.85	53.40	26.09	28.96	23.02	20.90	22.08
24190	0.09	0.13	0.11	0.14	0.15	0.17	0.24	0.32	0.32	0.29	0.33	0.32	0.14	0.03	0.21	0.02	-0.02	0.08	0.03	0.33	0.47	0.38	0.24	0.02
	0.00	5.53	0.00	0.00	0.00	0.00	-2.12	-13.76	-3.34	0.32	0.06	-3.63	-17.58	-27.86	-12.30	-31.02	-39.04	-35.67	-52.07	-9.05	-5.37	0.00	0.00	0.00
AKWESSNE_115KV_BK	20.85	20.93	16.34	16.78	15.28	17.71	24.31	17.74	21.34	25.42	23.78	18.91	7.21	1.57	11.29	0.87	-1.20	4.00	1.30	16.40	22.71	22.30	20.40	21.93
355683	-0.24	-0.24	-0.22	-0.17	-0.17	-0.29	-0.46	-0.39	-0.48	-0.57	-0.55	-0.46	-0.16	-0.04	-0.26	-0.01	0.03	-0.10	-0.01	-0.30	-0.40	-0.35	-0.24	-0.13
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.18	15.77	16.68	17.09	15.60	18.17	27.13	32.22	25.49	25.96	24.59	23.31	25.09	29.50	24.06	31.92	37.79	39.85	53.40	26.09	28.96	23.02	20.90	22.08
23571	0.09	0.13	0.11	0.14	0.15	0.17	0.24	0.32	0.32	0.29	0.33	0.32	0.14	0.03	0.21	0.02	-0.02	0.08	0.03	0.33	0.47	0.38	0.24	0.02
	0.00	5.53	0.00	0.00	0.00	0.00	-2.12	-13.76	-3.34	0.32	0.06	-3.63	-17.58	-27.86	-12.30	-31.02	-39.04	-35.67	-52.07	-9.05	-5.37	0.00	0.00	0.00
ALBANY___2	21.18	15.77	16.68	17.09	15.60	18.17	27.13	32.22	25.49	25.96	24.59	23.31	25.09	29.50	24.06	31.92	37.79	39.85	53.40	26.09	28.96	23.02	20.90	22.08
23572	0.09	0.13	0.11	0.14	0.15	0.17	0.24	0.32	0.32	0.29	0.33	0.32	0.14	0.03	0.21	0.02	-0.02	0.08	0.03	0.33	0.47	0.38	0.24	0.02
	0.00	5.53	0.00	0.00	0.00	0.00	-2.12	-13.76	-3.34	0.32	0.06	-3.63	-17.58	-27.86	-12.30	-31.02	-39.04	-35.67	-52.07	-9.05	-5.37	0.00	0.00	0.00
ALBANY___3	21.18	15.77	16.68	17.09	15.60	18.17	27.13	32.22	25.49	25.96	24.59	23.31	25.09	29.50	24.06	31.92	37.79	39.85	53.40	26.09	28.96	23.02	20.90	22.08
23573	0.09	0.13	0.11	0.14	0.15	0.17	0.24	0.32	0.32	0.29	0.33	0.32	0.14	0.03	0.21	0.02	-0.02	0.08	0.03	0.33	0.47	0.38	0.24	0.02
	0.00	5.53	0.00	0.00	0.00	0.00	-2.12	-13.76	-3.34	0.32	0.06	-3.63	-17.58	-27.86	-12.30	-31.02	-39.04	-35.67	-52.07	-9.05	-5.37	0.00	0.00	0.00

ALBANY___4 23574	21.18 0.09 0.00	15.77 0.13 5.53	16.68 0.11 0.00	17.09 0.14 0.00	15.60 0.15 0.00	18.17 0.17 0.00	27.13 0.24 -2.12	32.22 0.32 -13.76	25.49 0.32 -3.34	25.96 0.29 0.32	24.59 0.33 0.06	23.31 0.32 -3.63	25.09 0.14 -17.58	29.50 0.03 -27.86	24.06 0.21 -12.30	31.92 0.02 -31.02	37.79 -0.02 -39.04	39.85 0.08 -35.67	53.40 0.03 -52.07	26.09 0.33 -9.05	28.96 0.47 -5.37	23.02 0.38 0.00	20.90 0.24 0.00	22.08 0.02 0.00
ALBANY___LFGE 323615	21.42 0.33 0.00	15.56 0.37 5.97	16.86 0.29 0.00	17.28 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.42 0.53 -2.13	32.51 0.53 -13.85	25.76 0.57 -3.36	26.24 0.59 0.34	24.86 0.60 0.07	23.54 0.53 -3.65	25.29 0.22 -17.69	29.70 0.05 -28.04	24.26 0.34 -12.38	32.11 0.03 -31.19	38.00 -0.04 -39.26	40.12 0.13 -35.90	53.74 0.04 -52.40	26.34 0.53 -9.11	29.26 0.74 -5.41	23.28 0.63 0.00	21.12 0.47 0.00	22.32 0.27 0.00
ALCOA_PA_115KV_PL-6C 55860	20.96 -0.13 0.00	21.04 -0.13 0.00	16.42 -0.14 0.00	16.87 -0.08 0.00	15.37 -0.09 0.00	17.80 -0.20 0.00	24.43 -0.33 0.00	17.80 -0.33 0.00	21.40 -0.43 0.00	25.49 -0.51 0.00	23.83 -0.50 0.00	19.41 -0.42 -0.47	7.75 -0.15 -0.53	1.99 -0.04 -0.42	12.49 -0.25 -1.19	1.69 -0.01 -0.82	-0.78 0.03 -0.42	4.01 -0.09 0.00	1.30 -0.01 0.00	16.44 -0.27 0.00	22.77 -0.34 0.00	22.36 -0.29 0.00	20.49 -0.16 0.00	22.04 -0.01 0.00
ALCOA_RYNLDS___DRP 24188	20.96 -0.13 0.00	21.04 -0.13 0.00	16.42 -0.14 0.00	16.87 -0.08 0.00	15.37 -0.09 0.00	17.80 -0.20 0.00	24.43 -0.33 0.00	17.80 -0.33 0.00	21.40 -0.43 0.00	25.49 -0.51 0.00	23.83 -0.50 0.00	19.41 -0.42 -0.47	7.75 -0.15 -0.53	1.99 -0.04 -0.42	12.49 -0.25 -1.19	1.69 -0.01 -0.82	-0.78 0.03 -0.42	4.01 -0.09 0.00	1.30 -0.01 0.00	16.44 -0.27 0.00	22.77 -0.34 0.00	22.36 -0.29 0.00	20.49 -0.16 0.00	22.04 -0.01 0.00
ALCOA___DSASP 323711	20.96 -0.13 0.00	21.04 -0.13 0.00	16.42 -0.14 0.00	16.87 -0.08 0.00	15.37 -0.09 0.00	17.80 -0.20 0.00	24.43 -0.33 0.00	17.80 -0.33 0.00	21.40 -0.43 0.00	25.49 -0.51 0.00	23.83 -0.50 0.00	19.41 -0.42 -0.47	7.75 -0.15 -0.53	1.99 -0.04 -0.42	12.49 -0.25 -1.19	1.69 -0.01 -0.82	-0.78 0.03 -0.42	4.01 -0.09 0.00	1.30 -0.01 0.00	16.44 -0.27 0.00	22.77 -0.34 0.00	22.36 -0.29 0.00	20.49 -0.16 0.00	22.04 -0.01 0.00
ALLEGHENY___COGEN 23514	22.23 1.14 0.00	22.29 1.12 0.00	17.33 0.77 0.00	17.63 0.69 0.00	16.08 0.62 0.00	18.88 0.88 0.00	26.37 1.30 -0.31	20.99 0.93 -1.93	23.36 1.07 -0.47	27.07 1.08 0.00	24.87 0.54 0.00	20.26 0.39 -0.51	9.90 0.07 -2.46	5.51 0.01 -3.89	13.34 0.08 -1.72	5.26 -0.01 -4.38	4.29 -0.02 -5.54	9.15 0.04 -5.02	8.63 0.01 -7.32	18.84 0.87 -1.27	25.28 1.41 -0.76	24.04 1.39 0.00	21.79 1.13 0.00	23.27 1.21 0.00
ALTAMONT_115KV_TB 2 55880	21.53 0.44 0.00	17.72 0.46 3.91	16.94 0.38 0.00	17.35 0.40 0.00	15.85 0.39 0.00	18.46 0.46 0.00	27.56 0.65 -2.14	32.51 0.59 -13.79	25.83 0.66 -3.35	26.48 0.71 0.22	25.00 0.71 0.04	23.61 0.61 -3.63	25.23 0.25 -17.61	29.58 0.05 -27.91	24.26 0.38 -12.33	32.06 0.03 -31.14	37.95 -0.04 -39.22	39.96 0.14 -35.73	53.47 0.04 -52.12	26.34 0.58 -9.06	29.30 0.81 -5.38	23.38 0.74 0.00	21.23 0.58 0.00	22.49 0.43 0.00
ALTONA_WT_PWR 323606	21.10 0.01 0.00	21.20 0.04 0.00	16.43 -0.14 0.00	16.90 -0.05 0.00	15.43 -0.03 0.00	17.76 -0.24 0.00	24.30 -0.46 0.00	17.64 -0.49 0.00	21.08 -0.75 0.00	24.93 -1.06 0.00	23.12 -1.21 12.61	5.66 -1.10 14.14	-7.17 -0.41 11.25	-9.74 -0.09 31.95	-21.07 -0.67 31.95	-21.06 -0.04 21.89	-12.43 0.07 11.27	3.87 -0.22 0.00	1.36 0.06 0.00	16.61 -0.10 0.00	22.94 -0.17 0.00	22.66 0.01 0.00	20.62 -0.03 0.00	22.05 0.00 0.00
AMERICAN_REF_FUEL 24010	21.25 0.16 0.00	21.40 0.23 0.00	16.67 0.11 0.00	16.94 -0.01 0.00	15.35 -0.10 0.00	18.04 0.04 0.00	24.92 -0.13 -0.28	19.58 -0.31 -1.75	21.92 -0.33 -0.42	25.66 -0.33 0.00	23.84 -0.50 0.00	19.39 -0.43 -0.46	9.41 -0.17 -2.21	5.08 -0.03 -3.50	12.85 -0.22 -1.53	4.72 -0.02 -3.85	3.72 0.02 -4.93	8.43 -0.13 -4.47	7.68 -0.13 -6.51	17.25 -0.59 -1.13	23.23 -0.56 -0.67	22.30 -0.35 0.00	20.40 -0.25 0.00	22.00 -0.05 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.10 1.01 0.00	22.13 0.96 0.00	17.29 0.72 0.00	17.53 0.58 0.00	15.92 0.47 0.00	18.66 0.66 0.00	25.94 0.87 -0.31	20.65 0.59 -1.93	23.00 0.72 -0.46	26.97 0.97 0.00	24.83 0.50 0.00	20.20 0.34 -0.50	9.92 0.13 -2.42	5.48 0.04 -3.83	13.51 0.28 -1.68	5.13 0.00 -4.25	4.21 -0.03 -5.46	9.12 0.08 -4.95	8.49 -0.03 -7.21	18.23 0.27 -1.25	24.33 0.46 -0.75	23.38 0.73 0.00	21.21 0.56 0.00	22.90 0.85 0.00
ARTHUR_KILL_GT_1 23520	22.20 1.11 0.00	27.40 1.08 -5.15	17.49 0.93 0.00	17.85 0.91 0.00	16.33 0.88 0.00	19.05 1.05 0.00	28.11 1.48 -1.87	30.53 1.18 -11.22	26.20 1.60 -2.78	28.18 1.84 -0.34	26.21 1.81 -0.07	23.18 1.56 -2.26	22.44 0.60 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.80	25.37 1.23 -7.44	29.14 1.60 -4.42	24.33 1.69 0.00	21.98 1.33 0.00	23.19 1.13 0.00
ARTHUR_KILL_2 23512	22.15 1.06 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.81 0.86 0.00	16.29 0.83 0.00	19.00 1.00 0.00	28.04 1.40 -1.87	30.47 1.12 -11.22	26.14 1.54 -2.78	28.11 1.77 -0.34	26.14 1.74 -0.07	23.14 1.52 -2.26	22.42 0.57 -14.47	24.66 0.13 -22.93	22.66 0.94 -10.17	26.92 0.08 -25.96	31.47 -0.09 -32.79	33.77 0.33 -29.34	44.20 0.09 -42.80	25.32 1.17 -7.44	29.06 1.53 -4.42	24.26 1.61 0.00	21.92 1.26 0.00	23.12 1.07 0.00
ARTHUR_KILL_3 23513	21.98 0.88 0.00	27.19 0.87 -5.15	17.36 0.79 0.00	17.68 0.74 0.00	16.18 0.73 0.00	18.85 0.85 0.00	27.88 1.25 -1.87	30.36 1.01 -11.21	25.92 1.33 -2.77	28.00 1.67 -0.34	26.09 1.69 -0.07	23.82 1.48 -2.99	22.40 0.56 -14.47	24.66 0.13 -22.93	22.66 0.94 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.77 0.33 -29.34	44.19 0.08 -42.81	25.24 1.10 -7.44	28.95 1.41 -4.42	24.06 1.41 0.00	21.75 1.11 0.00	23.00 0.95 0.00
ARTHUR_KILL_COGEN 323718	22.20 1.11 0.00	27.40 1.08 -5.15	17.49 0.93 0.00	17.85 0.91 0.00	16.33 0.88 0.00	19.05 1.05 0.00	28.11 1.48 -1.87	30.53 1.18 -11.22	26.20 1.60 -2.78	28.18 1.84 -0.34	26.21 1.81 -0.07	23.18 1.56 -2.26	22.44 0.60 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.80	25.37 1.23 -7.44	29.14 1.60 -4.42	24.33 1.69 0.00	21.98 1.33 0.00	23.19 1.13 0.00
ASHOKAN____ 23654	21.85 0.75 0.00	21.99 0.82 0.00	17.18 0.62 0.00	17.59 0.64 0.00	16.07 0.61 0.00	18.77 0.77 0.00	27.94 1.20 -1.98	31.45 0.90 -12.41	25.99 1.15 -3.03	27.39 1.39 0.00	25.39 1.07 0.00	23.41 0.77 -3.27	23.50 0.27 -15.86	26.80 0.06 -25.13	23.21 0.55 -11.12	29.13 0.06 -28.19	34.24 -0.06 -35.53	36.49 0.23 -32.17	48.33 0.08 -46.94	25.97 1.11 -8.16	29.45 1.49 -4.84	24.08 1.43 0.00	21.80 1.15 0.00	23.01 0.96 0.00

ASTORIA_EAST_ENERGY_CC1 323581	22.06 0.97 0.00	27.24 0.91 -5.15	17.41 0.84 0.00	17.74 0.79 0.00	16.23 0.78 0.00	18.92 0.92 0.00	27.90 1.26 -1.87	30.56 1.10 -11.32	26.04 1.44 -2.78	28.12 1.79 -0.34	26.17 1.76 -0.07	23.89 1.54 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.98 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.77 0.34 -29.34	44.21 0.10 -42.81	25.35 1.21 -7.44	29.07 1.54 -4.42	24.20 1.55 0.01	21.88 1.23 0.00	23.09 1.03 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.06 0.97 0.00	27.24 0.91 -5.15	17.41 0.84 0.00	17.74 0.79 0.00	16.23 0.78 0.00	18.92 0.92 0.00	27.90 1.26 -1.87	30.56 1.10 -11.32	26.04 1.44 -2.78	28.12 1.79 -0.34	26.17 1.76 -0.07	23.89 1.54 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.98 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.77 0.34 -29.34	44.21 0.10 -42.81	25.35 1.21 -7.44	29.07 1.54 -4.42	24.20 1.55 0.01	21.88 1.23 0.00	23.09 1.03 0.00
ASTORIA_GT2_1 24094	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.11 -11.32	26.04 1.44 -2.78	28.13 1.80 -0.34	26.18 1.78 -0.07	23.91 1.56 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.22 1.57 0.00	21.90 1.24 0.00	23.10 1.05 0.00
ASTORIA_GT2_2 24095	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.11 -11.32	26.04 1.44 -2.78	28.13 1.80 -0.34	26.18 1.78 -0.07	23.91 1.56 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.22 1.57 0.00	21.90 1.24 0.00	23.10 1.05 0.00
ASTORIA_GT2_3 24096	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.11 -11.32	26.04 1.44 -2.78	28.13 1.80 -0.34	26.18 1.78 -0.07	23.91 1.56 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.22 1.57 0.00	21.90 1.24 0.00	23.10 1.05 0.00
ASTORIA_GT2_4 24097	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.11 -11.32	26.04 1.44 -2.78	28.13 1.80 -0.34	26.18 1.78 -0.07	23.91 1.56 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.22 1.57 0.00	21.90 1.24 0.00	23.10 1.05 0.00
ASTORIA_GT3_1 24098	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.11 -11.32	26.04 1.44 -2.78	28.13 1.80 -0.34	26.18 1.78 -0.07	23.91 1.56 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.22 1.57 0.00	21.90 1.24 0.00	23.10 1.05 0.00
ASTORIA_GT3_2 24099	22.07 0.98 0.00	27.25 0.93 -5.15</																						

ASTORIA_GT_10 24110	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA_GT_11 24225	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA_GT_12 24226	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA_GT_13 24227	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA_GT_5 24106	22.10 1.01 0.00	27.29 0.97 -5.15	17.44 0.88 0.00	17.77 0.82 0.00	16.26 0.81 0.00	18.96 0.96 0.00	27.96 1.33 -1.87	30.61 1.15 -11.32	26.09 1.49 -2.78	28.19 1.86 -0.34	26.23 1.83 -0.07	23.94 1.59 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.73 1.02 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.21 0.10 -42.81	25.39 1.25 -7.44	29.13 1.60 -4.42	24.26 1.62 0.01	21.93 1.28 0.00	23.14 1.09 0.00
ASTORIA_GT_7 24107	22.10 1.01 0.00	27.29 0.97 -5.15	17.44 0.88 0.00	17.77 0.82 0.00	16.26 0.81 0.00	18.96 0.96 0.00	27.96 1.33 -1.87	30.61 1.15 -11.32	26.09 1.49 -2.78	28.19 1.86 -0.34	26.23 1.83 -0.07	23.94 1.59 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.73 1.02 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.21 0.10 -42.81	25.39 1.25 -7.44	29.13 1.60 -4.42	24.26 1.62 0.01	21.93 1.28 0.00	23.14 1.09 0.00
ASTORIA_GT_8 24108	22.10 1.01 0.00	27.29 0.97 -5.15	17.44 0.88 0.00	17.77 0.82 0.00	16.26 0.81 0.00	18.96 0.96 0.00	27.96 1.33 -1.87	30.61 1.15 -11.32	26.09 1.49 -2.78	28.19 1.85 -0.34	26.24 1.83 -0.07	23.95 1.60 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.73 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.21 0.10 -42.81	25.39 1.25 -7.44	29.13 1.60 -4.42	24.27 1.62 0.00	21.94 1.28 0.00	23.14 1.09 0.00
ASTORIA___2 24149	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.78 0.00	18.93 0.93 0.00	27.91 1.28 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.78	28.13 1.80 -0.34	26.18 1.77 -0.07	23.90 1.55 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.21 0.10 -42.81	25.36 1.22 -7.44	29.08 1.55 -4.42	24.22 1.57 0.01	21.89 1.24 0.00	23.10 1.05 0.00
ASTORIA___3 23516	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.16 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.64 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA___4 23517	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
ASTORIA___5 23518	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.16 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.64 0.00	21.95 1.30 0.00	23.17 1.12 0.00
AST_ENERGY_2_CC3 323677	22.02 0.93 0.00	27.23 0.91 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.33 -1.87	30.56 1.11 -11.32	26.04 1.44 -2.77	28.12 1.79 -0.34	26.20 1.80 -0.07	23.92 1.57 -2.99	22.43 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.32 1.17 -7.44	29.06 1.52 -4.42	24.16 1.52 0.00	21.86 1.21 0.00	23.08 1.03 0.00
AST_ENERGY_2_CC4 323678	22.02 0.93 0.00	27.23 0.91 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.33 -1.87	30.56 1.11 -11.32	26.04 1.44 -2.77	28.12 1.79 -0.34	26.20 1.80 -0.07	23.92 1.57 -2.99	22.43 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.32 1.17 -7.44	29.06 1.52 -4.42	24.16 1.52 0.00	21.86 1.21 0.00	23.08 1.03 0.00
ATHENS_STG_1 23668	21.63 0.54 0.00	23.28 0.55 -1.56	17.04 0.47 0.00	17.43 0.48 0.00	15.92 0.47 0.00	18.56 0.56 0.00	27.55 0.79 -2.00	31.25 0.71 -12.40	25.70 0.85 -3.03	27.09 0.98 -0.11	25.33 0.98 -0.02	23.49 0.86 -3.27	23.56 0.33 -15.85	26.80 0.07 -25.12	23.20 0.54 -11.12	29.17 0.04 -28.25	34.35 -0.06 -35.64	36.43 0.19 -32.14	48.25 0.05 -46.89	25.57 0.72 -8.15	28.94 0.99 -4.84	23.59 0.94 0.00	21.40 0.75 0.00	22.65 0.60 0.00
ATHENS_STG_2 23670	21.63 0.54 0.00	23.28 0.55 -1.56	17.04 0.47 0.00	17.43 0.48 0.00	15.92 0.47 0.00	18.56 0.56 0.00	27.55 0.79 -2.00	31.25 0.71 -12.40	25.70 0.85 -3.03	27.09 0.98 -0.11	25.33 0.98 -0.02	23.49 0.86 -3.27	23.56 0.33 -15.85	26.80 0.07 -25.12	23.20 0.54 -11.12	29.17 0.04 -28.25	34.35 -0.06 -35.64	36.43 0.19 -32.14	48.25 0.05 -46.89	25.57 0.72 -8.15	28.94 0.99 -4.84	23.59 0.94 0.00	21.40 0.75 0.00	22.65 0.60 0.00

ATHENS_STG_3 23677	21.63 0.54 0.00	23.28 0.55 -1.56	17.04 0.47 0.00	17.43 0.48 0.00	15.92 0.47 0.00	18.56 0.56 0.00	27.55 0.79 -2.00	31.25 0.71 -12.40	25.70 0.85 -3.03	27.09 0.98 -0.11	25.33 0.98 -0.02	23.49 0.86 -3.27	23.56 0.33 -15.85	26.80 0.07 -25.12	23.20 0.54 -11.12	29.17 0.04 -28.25	34.35 -0.06 -35.64	36.43 0.19 -32.14	48.25 0.05 -46.89	25.57 0.72 -8.15	28.94 0.99 -4.84	23.59 0.94 0.00	21.40 0.75 0.00	22.65 0.60 0.00
AUBURN____LFGE 323710	21.55 0.46 0.00	21.60 0.44 0.00	16.89 0.33 0.00	17.16 0.22 0.00	15.70 0.25 0.00	18.40 0.40 0.00	25.67 0.66 -0.24	20.18 0.52 -1.52	22.77 0.58 -0.37	26.68 0.68 0.00	24.87 0.53 0.00	20.15 0.39 -0.40	9.45 0.13 -1.94	4.72 0.03 -3.08	13.08 0.17 -1.36	4.33 0.01 -3.45	3.10 -0.02 -4.35	8.12 0.09 -3.93	7.08 0.03 -5.74	18.19 0.49 -1.00	24.30 0.59 -0.59	23.27 0.62 0.00	21.12 0.47 0.00	22.38 0.33 0.00
BABYLON_RES_REC 323704	22.49 1.40 0.00	27.73 1.40 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.56 1.10 0.00	19.39 1.39 0.00	28.46 1.82 -1.87	30.94 1.49 -11.32	26.48 1.89 -2.77	28.65 2.32 -0.34	26.61 2.21 -0.07	24.30 1.96 -2.99	22.57 0.73 -14.47	24.70 0.16 -22.93	22.83 1.11 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.22 0.10 -42.82	25.58 1.44 -7.44	29.48 1.95 -4.42	24.72 2.07 0.00	22.40 1.75 0.00	23.56 1.51 0.00
BABYLON__69_KV_BK2 356345	22.76 1.67 0.00	27.99 1.66 -5.15	17.95 1.39 0.00	18.29 1.34 0.00	16.75 1.29 0.00	19.61 1.62 0.00	28.77 2.14 -1.87	31.12 1.66 -11.32	26.71 2.11 -2.77	28.94 2.61 -0.34	26.89 2.50 -0.07	24.55 2.20 -2.99	22.66 0.82 -14.47	24.72 0.18 -22.93	23.03 1.31 -10.17	26.96 0.11 -25.96	31.42 -0.15 -32.80	33.94 0.50 -29.35	44.24 0.12 -42.81	25.99 1.85 -7.44	29.93 2.40 -4.42	25.01 2.36 0.00	22.66 2.01 0.00	23.83 1.78 0.00
BALL_HILL_WT_PWR 323825	21.87 0.78 0.00	21.89 0.72 0.00	17.08 0.51 0.00	17.31 0.36 0.00	15.73 0.27 0.00	18.46 0.46 0.00	25.64 0.57 -0.30	20.37 0.35 -1.89	22.75 0.47 -0.45	26.70 0.71 0.00	24.66 0.33 0.00	20.03 0.18 -0.49	9.79 0.05 -2.37	5.38 0.02 -3.75	13.35 0.15 -1.65	5.04 0.00 -4.17	4.10 -0.02 -5.35	8.97 0.03 -4.84	8.30 -0.06 -7.06	17.98 0.05 -1.23	24.10 0.26 -0.73	23.14 0.49 0.00	21.06 0.40 0.00	22.69 0.64 0.00
BARON_WINDS____WT_PWR 323822	21.50 0.41 0.00	21.50 0.33 0.00	16.70 0.13 0.00	16.96 0.02 0.00	15.51 0.05 0.00	18.11 0.11 0.00	25.30 0.15 -0.39	20.63 0.08 -2.42	22.57 0.16 -0.59	26.26 0.26 0.00	24.27 -0.06 0.00	19.84 -0.16 -0.64	10.36 -0.11 -3.09	6.49 -0.02 -4.90	13.60 -0.11 -2.17	6.35 0.00 -5.48	5.68 0.00 -6.90	10.32 -0.02 -6.25	10.41 0.00 -9.11	18.39 0.10 -1.58	24.38 0.33 -0.94	23.06 0.42 0.00	20.90 0.25 0.00	22.43 0.38 0.00
BARRETT_IC_1 23704	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_10 23701	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_11 23702	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_12 23703	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_2 23705	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_3 23706	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_4 23707	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_5 23708	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_6 23709	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00

BARRETT_IC_7 23710	22.30 1.21 0.00	27.52 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.23 1.59 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 2.00 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.09 -25.96	31.45 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.81	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.14 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_8 23711	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT_IC_9 23700	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT___1 23545	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BARRETT___2 23546	22.30 1.21 0.00	27.53 1.20 -5.15	17.58 1.02 0.00	17.93 0.98 0.00	16.42 0.96 0.00	19.20 1.20 0.00	28.22 1.58 -1.87	30.70 1.24 -11.32	26.18 1.58 -2.77	28.31 1.97 -0.34	26.39 1.99 -0.07	24.12 1.77 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.94 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.75 -4.42	24.40 1.75 0.00	22.15 1.49 0.00	23.39 1.34 0.00
BATAVIA___115KV_TB1 55881	22.12 1.03 0.00	22.22 1.05 0.00	17.31 0.74 0.00	17.58 0.64 0.00	15.96 0.51 0.00	18.81 0.81 0.00	26.08 1.05 -0.27	20.55 0.75 -1.67	23.10 0.88 -0.40	26.95 0.95 0.00	24.91 0.58 0.00	20.17 0.38 -0.43	9.60 0.12 -2.10	4.97 0.03 -3.33	13.15 0.16 -1.45	4.51 0.00 -3.62	3.38 -0.02 -4.63	8.33 0.05 -4.19	7.36 -0.06 -6.11	18.02 0.25 -1.06	24.30 0.55 -0.63	23.31 0.66 0.00	21.24 0.59 0.00	22.81 0.76 0.00
BAYONEEC___CTG1 323682	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG10 323750	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG2 323683	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG3 323684	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG4 323685	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG5 323686	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG6 323687	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG7 323688	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BAYONEEC___CTG8 323689	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00

BAYONEEC___CTG9 323749	22.04 0.95 0.00	27.26 0.94 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.77	28.14 1.81 -0.34	26.21 1.82 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.18 -7.44	29.08 1.54 -4.42	24.18 1.54 0.00	21.87 1.22 0.00	23.10 1.04 0.00
BEACON___LESR 323632	21.52 0.43 0.00	15.77 0.43 5.83	16.89 0.33 0.00	17.32 0.37 0.00	15.83 0.38 0.00	18.45 0.45 0.00	27.57 0.69 -2.11	32.51 0.63 -13.75	25.80 0.65 -3.34	26.33 0.67 0.34	24.93 0.66 0.07	23.56 0.57 -3.62	25.19 0.26 -17.56	29.49 0.05 -27.83	24.23 0.40 -12.29	31.89 0.04 -30.97	37.70 -0.05 -38.98	39.89 0.16 -35.63	53.36 0.04 -52.01	26.36 0.62 -9.04	29.37 0.89 -5.37	23.38 0.73 0.00	21.22 0.56 0.00	22.42 0.36 0.00
BEAVER RIVER___HYD 24048	21.41 0.32 0.00	21.45 0.28 0.00	16.74 0.18 0.00	17.15 0.20 0.00	15.58 0.12 0.00	18.08 0.08 0.00	24.89 0.05 -0.08	18.59 -0.04 -0.50	22.03 0.09 -0.12	26.06 0.07 0.00	24.26 -0.07 0.00	20.11 -0.16 -0.91	8.77 -0.10 -1.51	3.26 -0.04 -1.70	13.67 -0.28 -2.41	3.34 -0.02 -2.48	0.93 0.04 -2.12	5.32 -0.06 -1.29	3.16 -0.02 -1.88	16.69 -0.34 -0.33	22.75 -0.56 -0.19	22.09 -0.56 0.00	20.41 -0.24 0.00	21.93 -0.12 0.00
BEEBEE_GT_13 23619	21.43 0.33 0.00	21.53 0.36 0.00	16.79 0.23 0.00	17.09 0.14 0.00	15.54 0.08 0.00	18.22 0.22 0.00	25.26 0.27 -0.23	19.68 0.13 -1.42	22.33 0.16 -0.34	26.23 0.23 0.00	24.42 0.09 0.00	19.77 0.03 -0.37	9.18 0.01 -1.80	4.47 0.01 -2.85	12.87 0.05 -1.27	4.13 -0.01 -3.25	2.90 -0.01 -4.14	7.86 0.02 -3.75	6.73 -0.04 -5.47	17.74 0.08 -0.95	23.91 0.23 -0.56	22.94 0.29 0.00	20.89 0.24 0.00	22.40 0.34 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.33 1.24 0.00	27.52 1.20 -5.15	17.60 1.04 0.00	17.95 1.00 0.00	16.43 0.97 0.00	19.18 1.18 0.00	28.32 1.68 -1.87	30.77 1.34 -11.30	26.35 1.75 -2.78	28.43 2.09 -0.34	26.46 2.06 -0.07	154.35 1.75 -133.24	22.51 0.66 -14.47	24.69 0.15 -22.93	22.81 1.09 -10.17	26.93 0.09 -25.96	31.45 -0.11 -32.79	33.82 0.38 -29.34	44.21 0.10 -42.81	25.51 1.37 -7.44	29.33 1.80 -4.42	24.48 1.83 0.00	22.11 1.46 0.00	23.32 1.27 0.00
BETHLEHEM___GRP 23843	21.18 0.09 0.00	15.77 0.13 5.53	16.68 0.11 0.00	17.09 0.14 0.00	15.60 0.15 0.00	18.17 0.17 0.00	27.13 0.24 -2.12	32.22 0.32 -13.76	25.49 0.32 -3.34	25.96 0.29 0.32	24.59 0.33 0.06	23.31 0.32 -3.63	25.09 0.14 -17.58	29.50 0.03 -27.86	24.06 0.21 -12.30	31.92 0.02 -31.02	37.79 -0.02 -39.04	39.85 0.08 -35.67	53.40 0.03 -52.07	26.09 0.33 -9.05	28.96 0.47 -5.37	23.02 0.38 0.00	20.90 0.24 0.00	22.08 0.02 0.00
BETHLEHEM___GS1 323560	21.18 0.09 0.00	15.77 0.13 5.53	16.68 0.11 0.00	17.09 0.14 0.00	15.60 0.15 0.00	18.17 0.17 0.00	27.13 0.24 -2.12	32.22 0.32 -13.76	25.49 0.33 -3.34	25.96 0.29 0.32	24.59 0.32 0.06	23.31 0.32 -3.63	25.09 0.14 -17.58	29.50 0.03 -27.86	24.06 0.21 -12.30	31.92 0.02 -31.02	37.79 -0.02 -39.04	39.85 0.08 -35.67	53.40 0.03 -52.07	26.09 0.33 -9.05	28.97 0.48 -5.37	23.02 0.38 0.00	20.90 0.24 0.00	22.08 0.02 0.00
BETHLEHEM___GS2 323561	21.18 0.09 0.00	15.77 0.13 5.53	16.68 0.11 0.00	17.09 0.14 0.00	15.60 0.15 0.00	18.17 0.17 0.00	27.13 0.24 -2.12	32.22 0.32 -13.76	25.49 0.33 -3.34	25.96 0.29 0.32	24.59 0.32 0.06	23.31 0.32 -3.63	25.09 0.14 -17.58	29.50 0.03 -27.86	24.06 0.21 -12.30	31.92 0.02 -31.02	37.79 -0.02 -39.04	39.85 0.08 -35.67	53.40 0.03 -52.07	26.09 0.33 -9.05	28.97 0.48 -5.37	23.02 0.38 0.00	20.90 0.24 0.00	22.08 0.02 0.00
BETHLEHEM___GS3 323562	21.18 0.09 0.00	15.77 0.13 5.53	16.68 0.11 0.00	17.09 0.14 0.00	15.60 0.15 0.00	18.17 0.17 0.00	27.13 0.24 -2.12	32.22 0.32 -13.76	25.49 0.33 -3.34	25.96 0.29 0.32	24.59 0.32 0.06	23.31 0.32 -3.63	25.09 0.14 -17.58	29.50 0.03 -27.86	24.06 0.21 -12.30	31.92 0.02 -31.02	37.79 -0.02 -39.04	39.85 0.08 -35.67	53.40 0.03 -52.07	26.09 0.33 -9.05	28.97 0.48 -5.37	23.02 0.38 0.00	20.90 0.24 0.00	22.08 0.02 0.00
BETHLEHEM___STEEL 23779	21.84 0.75 0.00	21.91 0.75 0.00	17.07 0.51 0.00	17.32 0.38 0.00	15.73 0.28 0.00	18.47 0.47 0.00	25.60 0.54 -0.30	20.26 0.28 -1.85	22.65 0.38 -0.44	26.56 0.56 0.00	24.60 0.27 0.00	19.98 0.14 -0.48	9.73 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.02 0.19 -0.71	23.04 0.40 0.00	21.01 0.36 0.00	22.64 0.58 0.00
BETHLHEM_115KV_TB1 79974	21.25 0.16 0.00	16.10 0.19 5.27	16.74 0.17 0.00	17.15 0.20 0.00	15.65 0.20 0.00	18.23 0.23 0.00	27.21 0.33 -2.12	32.27 0.38 -13.76	25.55 0.39 -3.34	26.07 0.38 0.30	24.68 0.40 0.06	23.37 0.38 -3.63	25.11 0.16 -17.58	29.50 0.03 -27.86	24.09 0.25 -12.30	31.93 0.03 -31.02	37.80 -0.03 -39.05	39.85 0.10 -35.66	53.39 0.03 -52.05	26.14 0.39 -9.05	29.03 0.54 -5.37	23.10 0.45 0.00	20.96 0.31 0.00	22.16 0.11 0.00
BETHPAGE_CC_5 323564	22.42 1.33 0.00	27.65 1.33 -5.15	17.67 1.11 0.00	18.01 1.07 0.00	16.50 1.05 0.00	19.31 1.30 0.00	28.36 1.72 -1.87	30.83 1.37 -11.32	26.35 1.76 -2.77	28.52 2.18 -0.34	26.51 2.12 -0.07	24.23 1.88 -2.99	22.54 0.70 -14.47	24.69 0.15 -22.93	22.85 1.13 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.41 -29.35	44.22 0.10 -42.82	25.64 1.50 -7.44	29.47 1.94 -4.42	24.58 1.93 0.00	22.28 1.63 0.00	23.48 1.43 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.89 0.80 0.00	21.96 0.79 0.00	17.12 0.55 0.00	17.36 0.42 0.00	15.77 0.31 0.00	18.51 0.51 0.00	25.67 0.61 -0.30	20.33 0.33 -1.86	22.73 0.46 -0.45	26.66 0.67 0.00	24.69 0.35 0.00	20.04 0.20 -0.48	9.77 0.06 -2.34	5.34 0.02 -3.71	13.31 0.14 -1.63	4.99 0.00 -4.11	4.02 -0.02 -5.27	8.89 0.02 -4.77	8.19 -0.08 -6.96	17.95 0.03 -1.21	24.11 0.27 -0.72	23.12 0.47 0.00	21.08 0.42 0.00	22.70 0.65 0.00
BINGHAMTON___COGEN 23790	21.51 0.42 0.00	21.52 0.35 0.00	16.83 0.27 0.00	17.17 0.22 0.00	15.66 0.21 0.00	18.30 0.30 0.00	25.79 0.47 -0.55	22.00 0.38 -3.48	23.13 0.45 -0.85	26.58 0.59 0.00	24.75 0.42 0.00	20.56 0.28 -0.92	11.93 0.09 -4.46	8.70 0.02 -7.08	14.85 0.17 -3.13	8.82 0.01 -7.93	8.71 -0.02 -9.96	13.19 0.07 -9.02	14.48 0.02 -13.16	19.30 0.31 -2.29	24.95 0.47 -1.36	23.13 0.49 0.00	21.01 0.36 0.00	22.43 0.38 0.00
BIXINCNT_115KV_LOAD 355685	21.96 0.87 0.00	21.99 0.82 0.00	17.22 0.66 0.00	17.41 0.47 0.00	15.83 0.37 0.00	18.59 0.59 0.00	25.84 0.77 -0.31	20.58 0.51 -1.94	23.02 0.73 -0.46	26.96 0.97 0.00	24.88 0.55 0.00	20.13 0.27 -0.50	9.85 0.04 -2.43	5.48 0.02 -3.85	13.34 0.10 -1.69	5.15 -0.01 -4.28	4.26 -0.02 -5.50	9.10 0.03 -4.98	8.51 -0.06 -7.27	18.20 0.23 -1.26	24.39 0.53 -0.75	23.30 0.65 0.00	21.24 0.59 0.00	22.88 0.83 0.00

BLACK RIVER___HYD 24047	21.77 0.68 0.00	21.80 0.63 0.00	17.02 0.45 0.00	17.41 0.46 0.00	15.79 0.34 0.00	18.36 0.36 0.00	25.35 0.48 -0.11	19.10 0.27 -0.69	22.46 0.47 -0.17	26.55 0.55 0.00	24.72 0.39 0.00	20.31 0.21 -0.74	8.87 -0.01 -1.51	3.48 -0.03 -1.90	13.40 -0.17 -2.03	3.40 -0.02 -2.54	1.28 0.03 -2.48	5.88 -0.01 -1.80	3.92 0.00 -2.62	17.07 -0.09 -0.46	23.18 -0.21 -0.27	22.40 -0.25 0.00	20.65 -0.01 0.00	22.17 0.12 0.00
BLACKRVR_115KV_TB2 79977	21.77 0.68 0.00	21.80 0.63 0.00	17.02 0.45 0.00	17.41 0.46 0.00	15.79 0.34 0.00	18.36 0.36 0.00	25.35 0.47 -0.11	19.10 0.28 -0.69	22.46 0.47 -0.17	26.54 0.54 0.00	24.71 0.38 0.00	20.31 0.21 -0.74	8.87 -0.01 -1.51	3.48 -0.03 -1.90	13.40 -0.17 -2.03	3.40 -0.02 -2.54	1.28 0.03 -2.48	5.88 -0.01 -1.80	3.92 0.00 -2.62	17.07 -0.09 -0.46	23.18 -0.21 -0.27	22.40 -0.25 0.00	20.65 -0.01 0.00	22.17 0.12 0.00
BLISS_WT_PWR 323608	21.93 0.84 0.00	21.95 0.78 0.00	17.22 0.65 0.00	17.39 0.44 0.00	15.80 0.35 0.00	18.57 0.57 0.00	25.83 0.76 -0.31	20.58 0.51 -1.94	23.01 0.73 -0.46	26.93 0.93 0.00	24.87 0.54 0.00	20.10 0.24 -0.50	9.83 0.03 -2.43	5.47 0.01 -3.85	13.31 0.07 -1.69	5.15 -0.01 -4.28	4.26 -0.01 -5.50	9.10 0.02 -4.98	8.52 -0.06 -7.27	18.21 0.25 -1.26	24.41 0.55 -0.75	23.28 0.64 0.00	21.23 0.57 0.00	22.85 0.80 0.00
BLUESTONE___WT_PWR 323821	22.20 1.11 0.00	22.20 1.04 0.00	17.37 0.80 0.00	17.72 0.78 0.00	16.17 0.72 0.00	18.91 0.91 0.00	26.84 1.45 -0.63	23.28 1.21 -3.94	24.22 1.43 -0.96	27.74 1.74 0.00	25.79 1.46 0.00	21.44 1.04 -1.04	12.80 0.38 -5.05	9.70 0.09 -8.00	15.68 0.60 -3.54	9.89 0.04 -8.96	9.99 -0.07 -11.28	14.54 0.23 -10.22	16.31 0.10 -14.90	20.50 1.21 -2.59	26.28 1.63 -1.54	24.14 1.50 0.00	21.86 1.21 0.00	23.19 1.14 0.00
BLUE_CIRC_CHEM_DRP 24182	21.55 0.46 0.00	17.77 0.52 3.91	16.98 0.42 0.00	17.40 0.45 0.00	15.89 0.44 0.00	18.50 0.50 0.00	27.58 0.71 -2.11	32.33 0.63 -13.56	25.79 0.68 -3.30	26.48 0.71 0.22	24.98 0.69 0.04	23.53 0.59 -3.57	24.94 0.24 -17.32	29.12 0.05 -27.46	24.06 0.39 -12.13	31.55 0.03 -30.63	37.30 -0.04 -38.58	39.39 0.15 -35.14	52.64 0.05 -51.29	26.22 0.60 -8.91	29.26 0.85 -5.29	23.41 0.77 0.00	21.25 0.60 0.00	22.47 0.42 0.00
BOC_GAS_DRP 24189	21.44 0.34 0.00	17.74 0.37 3.80	16.88 0.31 0.00	17.28 0.33 0.00	15.78 0.32 0.00	18.38 0.38 0.00	27.43 0.53 -2.14	32.39 0.51 -13.75	25.73 0.57 -3.34	26.39 0.61 0.21	24.91 0.62 0.04	23.54 0.56 -3.62	25.16 0.22 -17.56	29.49 0.05 -27.83	24.19 0.35 -12.30	31.97 0.03 -31.05	37.84 -0.04 -39.11	39.85 0.13 -35.62	53.32 0.04 -51.98	26.24 0.50 -9.03	29.18 0.70 -5.37	23.29 0.64 0.00	21.15 0.50 0.00	22.39 0.33 0.00
BOONVILLE_115KV_TB1 79983	21.57 0.48 0.00	21.63 0.46 0.00	16.90 0.34 0.00	17.29 0.34 0.00	15.74 0.29 0.00	18.33 0.33 0.00	25.28 0.45 -0.07	18.83 0.28 -0.42	22.34 0.42 -0.10	26.47 0.48 0.00	24.70 0.37 0.00	19.99 0.22 -0.41	8.32 0.07 -0.88	2.74 0.01 -1.12	12.74 0.06 -1.13	2.36 0.00 -1.48	0.25 0.00 -1.48	5.23 0.04 -1.10	2.92 0.01 -1.61	17.10 0.12 -0.28	23.37 0.09 -0.17	22.70 0.05 0.00	20.83 0.18 0.00	22.32 0.27 0.00
BORALEX_4TH_BRANCH 23824	21.93 0.83 0.00	9.22 0.91 12.86	17.26 0.70 0.00	17.75 0.80 0.00	16.20 0.75 0.00	18.76 0.76 0.00	27.81 1.03 -2.02	32.83 0.97 -13.72	26.20 1.06 -3.31	26.33 1.09 0.75	25.25 1.06 0.14	23.88 0.90 -3.62	25.27 0.37 -17.53	29.47 0.08 -27.78	24.29 0.52 -12.23	31.53 0.04 -30.61	37.16 -0.05 -38.44	39.84 0.18 -35.56	53.25 0.06 -51.88	26.54 0.82 -9.02	29.80 1.33 -5.36	23.79 1.15 0.00	21.57 0.92 0.00	22.74 0.68 0.00
BOWLINE___1 23526	21.83 0.74 0.00	26.67 0.74 -4.76	17.23 0.67 0.00	17.57 0.63 0.00	16.06 0.61 0.00	18.75 0.75 0.00	27.67 1.09 -1.81	30.08 0.97 -10.98	25.72 1.21 -2.69	27.78 1.47 -0.32	25.88 1.49 -0.06	23.56 1.30 -2.89	21.90 0.50 -14.03	23.95 0.11 -22.23	22.23 0.82 -9.86	26.11 0.07 -25.16	30.46 -0.09 -31.78	32.84 0.30 -28.45	42.88 0.08 -41.50	24.97 1.05 -7.21	28.76 1.37 -4.28	24.00 1.35 0.00	21.71 1.06 0.00	22.96 0.91 0.00
BOWLINE___2 23595	21.83 0.74 0.00	26.67 0.74 -4.76	17.23 0.67 0.00	17.57 0.63 0.00	16.06 0.61 0.00	18.75 0.75 0.00	27.67 1.09 -1.81	30.08 0.97 -10.98	25.72 1.21 -2.69	27.78 1.47 -0.32	25.88 1.49 -0.06	23.56 1.30 -2.89	21.90 0.50 -14.03	23.95 0.11 -22.23	22.23 0.82 -9.86	26.11 0.07 -25.16	30.46 -0.09 -31.78	32.84 0.30 -28.45	42.89 0.08 -41.50	24.97 1.06 -7.21	28.76 1.37 -4.28	24.00 1.35 0.00	21.71 1.06 0.00	22.96 0.91 0.00
BRADY___115KV_TB2 356060	21.09 0.00 0.00	21.15 -0.02 0.00	16.50 -0.06 0.00	16.97 0.02 0.00	15.46 0.01 0.00	17.92 -0.08 0.00	24.63 -0.14 0.00	17.92 -0.21 0.00	21.52 -0.30 0.00	25.63 -0.37 0.00	23.93 -0.40 0.00	19.99 -0.37 -0.99	8.35 -0.14 -1.11	2.45 -0.04 -0.89	13.81 -0.25 -2.51	2.60 -0.01 -1.72	-0.32 0.02 -0.89	4.02 -0.08 0.00	1.31 0.00 0.00	16.52 -0.18 0.00	22.90 -0.21 0.00	22.48 -0.16 0.00	20.62 -0.03 0.00	22.19 0.14 0.00
BRANSCOMB___SOLAR 323811	22.09 1.00 0.00	15.14 1.01 7.04	17.36 0.79 0.00	17.81 0.87 0.00	16.27 0.82 0.00	18.98 0.98 0.00	28.35 1.43 -2.15	33.43 1.23 -14.07	26.64 1.40 -3.41	27.07 1.49 0.41	25.65 1.39 0.08	24.21 1.14 -3.71	25.80 0.46 -17.97	30.18 0.10 -28.48	24.79 0.68 -12.57	32.58 0.06 -31.64	38.51 -0.07 -39.81	40.80 0.26 -36.45	54.53 0.08 -53.15	27.00 1.07 -9.24	30.11 1.51 -5.49	24.00 1.36 0.00	21.81 1.16 0.00	23.02 0.97 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.69 1.60 0.00	27.91 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.71 1.26 0.00	19.57 1.57 0.00	28.68 2.04 -1.87	31.00 1.54 -11.32	26.59 2.00 -2.77	28.81 2.48 -0.34	26.78 2.38 -0.07	24.49 2.15 -2.99	22.64 0.80 -14.47	24.71 0.17 -22.93	23.00 1.28 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.48 -29.35	44.24 0.12 -42.81	25.93 1.79 -7.44	29.83 2.30 -4.42	24.86 2.22 0.00	22.57 1.91 0.00	23.74 1.68 0.00
BRISTLHL_115KV_TB1 79998	21.56 0.47 0.00	21.60 0.43 0.00	16.88 0.32 0.00	17.24 0.29 0.00	15.71 0.26 0.00	18.38 0.38 0.00	25.54 0.60 -0.17	19.63 0.41 -1.09	22.57 0.48 -0.26	26.59 0.59 0.00	24.83 0.50 0.00	19.98 0.33 -0.29	8.87 0.10 -1.39	3.83 0.02 -2.20	12.65 0.12 -0.97	3.36 0.00 -2.47	1.88 -0.01 -3.12	6.98 0.06 -2.82	5.44 0.02 -4.12	17.73 0.31 -0.72	23.97 0.43 -0.43	23.02 0.38 0.00	20.98 0.32 0.00	22.46 0.40 0.00
BROOKHAVEN___DRP 24191	22.71 1.62 0.00	27.92 1.60 -5.15	17.93 1.37 0.00	18.26 1.31 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.73 2.10 -1.87	31.15 1.69 -11.32	26.74 2.14 -2.77	28.94 2.61 -0.34	26.92 2.53 -0.07	24.54 2.19 -2.99	22.66 0.81 -14.47	24.71 0.17 -22.93	23.02 1.31 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.95 0.50 -29.35	44.24 0.12 -42.81	25.98 1.84 -7.44	29.88 2.34 -4.42	24.91 2.26 0.00	22.63 1.98 0.00	23.72 1.67 0.00



BROOKLYN_NAVY_YARD 23515	22.02 0.92 0.00	27.22 0.90 -5.15	17.37 0.81 0.00	17.71 0.76 0.00	16.21 0.76 0.00	18.91 0.91 0.00	27.97 1.33 -1.87	30.56 1.11 -11.32	26.03 1.44 -2.77	28.11 1.78 -0.34	26.18 1.79 -0.07	23.90 1.56 -2.99	22.43 0.59 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.19 0.08 -42.81	25.30 1.16 -7.44	29.03 1.50 -4.42	24.15 1.50 0.00	21.85 1.20 0.00	23.06 1.01 0.00
BROOKLYN___ARMY_DRP 323595	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.96 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.16 1.52 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.16 1.82 -0.34	26.19 1.79 -0.07	57.38 1.62 -36.40	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
BROOKVLE_69_KV_TB1 55790	22.32 1.23 0.00	27.55 1.23 -5.15	17.59 1.03 0.00	17.95 1.00 0.00	16.42 0.97 0.00	19.20 1.20 0.00	28.29 1.65 -1.87	30.78 1.32 -11.32	26.30 1.70 -2.77	28.46 2.13 -0.34	26.50 2.11 -0.07	24.18 1.84 -2.99	22.54 0.69 -14.47	24.69 0.15 -22.93	22.85 1.14 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.41 -29.35	44.22 0.10 -42.81	25.57 1.43 -7.44	29.39 1.86 -4.42	24.47 1.82 0.00	22.21 1.56 0.00	23.43 1.38 0.00
BROOME_2_LFGE 323671	21.51 0.42 0.00	21.52 0.35 0.00	16.83 0.27 0.00	17.17 0.22 0.00	15.66 0.21 0.00	18.30 0.30 0.00	25.80 0.48 -0.55	22.00 0.38 -3.48	23.13 0.45 -0.85	26.58 0.59 0.00	24.75 0.42 0.00	20.56 0.28 -0.92	11.93 0.09 -4.46	8.70 0.02 -7.08	14.85 0.17 -3.13	8.82 0.01 -7.93	8.72 -0.02 -9.96	13.19 0.08 -9.02	14.48 0.02 -13.16	19.30 0.31 -2.29	24.95 0.47 -1.36	23.13 0.49 0.00	21.01 0.36 0.00	22.43 0.37 0.00
BROOME___LFGE 323600	21.51 0.42 0.00	21.52 0.35 0.00	16.83 0.27 0.00	17.17 0.22 0.00	15.66 0.21 0.00	18.30 0.30 0.00	25.80 0.48 -0.55	22.00 0.38 -3.48	23.13 0.45 -0.85	26.58 0.59 0.00	24.75 0.42 0.00	20.56 0.28 -0.92	11.93 0.09 -4.46	8.70 0.02 -7.08	14.85 0.17 -3.13	8.82 0.01 -7.93	8.72 -0.02 -9.96	13.19 0.08 -9.02	14.48 0.02 -13.16	19.30 0.31 -2.29	24.95 0.47 -1.36	23.13 0.49 0.00	21.01 0.36 0.00	22.43 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.88 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.44 0.00	23.82 -0.51 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
BROWNSV1_27_KV_LOAD 356125	22.26 1.16 0.00	27.46 1.14 -5.15	17.55 0.98 0.00	17.88 0.94 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.24 1.61 -1.87	30.78 1.32 -11.32	26.30 1.70 -2.77	28.44 2.10 -0.34	26.49 2.10 -0.07	24.15 1.80 -2.99	22.52 0.69 -14.47	24.69 0.15 -22.93	22.84 1.13 -10.17	26.93 0.09 -25.96	31.44 -0.12 -32.79	33.83 0.40 -29.34	44.21 0.10 -42.81	25.53 1.38 -7.44	29.36 1.82 -4.42	24.46 1.81 0.00	22.12 1.46 0.00	23.34 1.29 0.00
BURROWS___LYONSDAL 23803	21.53 0.44 0.00	21.59 0.42 0.00	16.86 0.30 0.00	17.26 0.31 0.00	15.70 0.24 0.00	18.26 0.26 0.00	25.16 0.33 -0.07	18.76 0.19 -0.44	22.26 0.33 -0.11	26.36 0.37 0.00	24.57 0.24 0.00	19.98 0.11 -0.51	8.40 0.02 -1.00	2.84 0.00 -1.24	12.90 -0.03 -1.38	2.56 0.00 -1.68	0.39 0.01 -1.61	5.24 0.01 -1.14	2.96 0.00 -1.66	16.96 -0.03 -0.29	23.16 -0.12 -0.17	22.50 -0.15 0.00	20.69 0.04 0.00	22.19 0.14 0.00
CAITHNESS_CC_1 323624	22.65 1.55 0.00	27.86 1.54 -5.15	17.88 1.32 0.00	18.21 1.26 0.00	16.70 1.24 0.00	19.55 1.55 0.00	28.63 1.99 -1.87	31.10 1.64 -11.32	26.66 2.06 -2.77	28.84 2.51 -0.34	26.81 2.42 -0.07	24.47 2.13 -2.99	22.63 0.79 -14.47	24.71 0.17 -22.93	22.98 1.26 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.49 -29.35	44.24 0.12 -42.82	25.91 1.76 -7.44	29.77 2.24 -4.42	24.80 2.16 0.00	22.55 1.89 0.00	23.65 1.60 0.00
CALPINE BETH_PAGE_GT4 24209	22.38 1.29 0.00	27.62 1.29 -5.15	17.65 1.09 0.00	17.99 1.04 0.00	16.47 1.02 0.00	19.27 1.27 0.00	28.31 1.67 -1.87	30.77 1.32 -11.32	26.30 1.70 -2.77	28.45 2.12 -0.34	26.46 2.07 -0.07	24.16 1.82 -2.99	22.52 0.68 -14.47	24.69 0.15 -22.93	22.82 1.11 -10.17	26.94 0.09 -25.96	31.45 -0.12 -32.80	33.84 0.39 -29.35	44.21 0.10 -42.81	25.58 1.43 -7.44	29.38 1.85 -4.42	24.52 1.88 0.00	22.23 1.58 0.00	23.43 1.38 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.38 1.29 0.00	27.62 1.29 -5.15	17.65 1.09 0.00	17.99 1.04 0.00	16.47 1.02 0.00	19.27 1.27 0.00	28.30 1.66 -1.87	30.78 1.32 -11.32	26.30 1.70 -2.77	28.45 2.12 -0.34	26.45 2.05 -0.07	24.17 1.82 -2.99	22.52 0.68 -14.47	24.69 0.15 -22.93	22.82 1.11 -10.17	26.94 0.09 -25.96	31.45 -0.12 -32.80	33.84 0.40 -29.35	44.22 0.10 -42.82	25.58 1.43 -7.44	29.38 1.85 -4.42	24.52 1.88 0.00	22.22 1.57 0.00	23.43 1.38 0.00
CALPINE_BP_GT1 23823	22.38 1.29 0.00	27.62 1.29 -5.15	17.65 1.09 0.00	17.99 1.04 0.00	16.47 1.02 0.00	19.27 1.27 0.00	28.30 1.66 -1.87	30.78 1.32 -11.32	26.30 1.70 -2.77	28.45 2.12 -0.34	26.45 2.05 -0.07	24.17 1.82 -2.99	22.52 0.68 -14.47	24.69 0.15 -22.93	22.82 1.11 -10.17	26.94 0.09 -25.96	31.45 -0.12 -32.80	33.84 0.40 -29.35	44.22 0.10 -42.82	25.58 1.43 -7.44	29.38 1.85 -4.42	24.52 1.88 0.00	22.22 1.57 0.00	23.43 1.38 0.00
CALSPAN___DRP 24200	21.84 0.75 0.00	21.91 0.75 0.00	17.07 0.51 0.00	17.32 0.38 0.00	15.73 0.28 0.00	18.47 0.47 0.00	25.60 0.54 -0.30	20.26 0.28 -1.85	22.65 0.38 -0.44	26.56 0.56 0.00	24.60 0.27 0.00	19.98 0.14 -0.48	9.73 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.02 0.19 -0.71	23.04 0.40 0.00	21.01 0.36 0.00	22.64 0.58 0.00
CALVERTON___SOLAR 323806	22.79 1.70 0.00	28.00 1.68 -5.15	18.00 1.43 0.00	18.33 1.38 0.00	16.80 1.34 0.00	19.68 1.68 0.00	28.81 2.18 -1.87	31.28 1.82 -11.32	26.85 2.25 -2.77	29.05 2.72 -0.34	27.01 2.61 -0.07	24.63 2.28 -2.99	22.69 0.85 -14.47	24.72 0.18 -22.93	23.08 1.36 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.97 0.53 -29.35	44.25 0.13 -42.82	26.09 1.94 -7.44	30.02 2.49 -4.42	25.03 2.39 0.00	22.74 2.09 0.00	23.81 1.76 0.00
CANDIGU_WT_PWR 323617	21.50 0.41 0.00	21.50 0.33 0.00	16.70 0.13 0.00	16.96 0.02 0.00	15.51 0.05 0.00	18.11 0.11 0.00	25.30 0.15 -0.39	20.63 0.08 -2.42	22.57 0.16 -0.59	26.26 0.26 0.00	24.27 -0.06 0.00	19.84 -0.16 -0.64	10.36 -0.11 -3.09	6.49 -0.02 -4.90	13.60 -0.11 -2.17	6.35 0.00 -5.48	5.68 0.00 -6.90	10.32 -0.02 -6.25	10.41 0.00 -9.11	18.39 0.10 -1.58	24.38 0.33 -0.94	23.06 0.42 0.00	20.90 0.25 0.00	22.43 0.38 0.00

CARR STREET_E_SYR 24060	21.14 0.05 0.00	21.19 0.03 0.00	16.57 0.00 0.00	16.92 -0.03 0.00	15.42 -0.04 0.00	18.03 0.03 0.00	25.04 0.10 -0.18	19.35 0.07 -1.16	22.18 0.08 -0.28	26.11 0.12 0.00	24.39 0.06 0.00	19.66 -0.01 -0.30	8.83 -0.02 -1.47	3.94 0.00 -2.34	12.54 -0.04 -1.03	3.49 -0.01 -2.62	2.08 0.00 -3.31	7.08 0.00 -2.99	5.66 -0.01 -4.37	17.46 0.00 -0.76	23.57 0.00 -0.45	22.63 -0.01 0.00	20.61 -0.05 0.00	22.04 -0.01 0.00
CARTHAGE___PAPER 23857	21.66 0.57 0.00	21.70 0.53 0.00	16.93 0.37 0.00	17.34 0.39 0.00	15.74 0.28 0.00	18.28 0.28 0.00	25.22 0.36 -0.10	18.93 0.18 -0.62	22.32 0.35 -0.15	26.38 0.39 0.00	24.56 0.23 0.00	20.25 0.09 -0.80	8.84 -0.04 -1.51	3.40 -0.03 -1.82	13.53 -0.19 -2.18	3.38 -0.02 -2.51	1.14 0.04 -2.34	5.67 -0.02 -1.60	3.63 0.00 -2.33	16.96 -0.14 -0.40	23.06 -0.30 -0.24	22.32 -0.32 0.00	20.60 -0.05 0.00	22.13 0.08 0.00
CASSADAGA_WT_PWR 323784	22.20 1.11 0.00	22.26 1.10 0.00	17.39 0.82 0.00	17.63 0.68 0.00	16.02 0.57 0.00	18.77 0.77 0.00	26.12 1.05 -0.31	20.80 0.73 -1.94	23.20 0.91 -0.46	27.20 1.21 0.00	25.01 0.68 0.00	20.34 0.48 -0.50	9.98 0.18 -2.43	5.50 0.05 -3.85	13.59 0.36 -1.69	5.15 0.01 -4.27	4.22 -0.03 -5.49	9.17 0.11 -4.97	8.53 -0.03 -7.25	18.37 0.41 -1.26	24.50 0.64 -0.75	23.55 0.91 0.00	21.37 0.72 0.00	23.08 1.03 0.00
CE_DUNWOOD___DRP 24194	21.94 0.85 0.00	27.16 0.85 -5.14	17.31 0.75 0.00	17.66 0.72 0.00	16.15 0.70 0.00	18.85 0.85 0.00	27.86 1.23 -1.87	30.49 1.06 -11.30	25.92 1.33 -2.77	27.96 1.62 -0.34	26.04 1.64 -0.07	23.76 1.43 -2.98	22.35 0.54 -14.43	24.61 0.12 -22.87	22.59 0.90 -10.15	26.85 0.07 -25.90	31.39 -0.10 -32.72	33.69 0.32 -29.28	44.10 0.09 -42.71	25.26 1.14 -7.42	29.01 1.49 -4.41	24.11 1.47 0.00	21.82 1.17 0.00	23.05 1.00 0.00
CE_MILLWOOD___DRP 24193	21.90 0.81 0.00	27.07 0.81 -5.10	17.28 0.71 0.00	17.63 0.69 0.00	16.12 0.66 0.00	18.81 0.81 0.00	27.80 1.18 -1.86	30.41 1.02 -11.25	25.85 1.27 -2.76	27.88 1.55 -0.34	25.97 1.57 -0.07	23.70 1.37 -2.97	22.28 0.52 -14.38	24.51 0.12 -22.79	22.51 0.86 -10.11	26.75 0.07 -25.80	31.27 -0.09 -32.59	33.57 0.31 -29.16	43.93 0.08 -42.54	25.20 1.10 -7.39	28.95 1.45 -4.39	24.07 1.42 0.00	21.78 1.13 0.00	23.02 0.97 0.00
CE_NYC2_DRP 24202	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.63 0.00	21.95 1.30 0.00	23.17 1.12 0.00
CE_NYC_DRP 24195	22.07 0.98 0.00	27.28 0.96 -5.15	17.41 0.85 0.00	17.76 0.81 0.00	16.25 0.80 0.00	18.96 0.96 0.00	28.04 1.41 -1.87	30.63 1.17 -11.32	26.10 1.51 -2.77	28.21 1.87 -0.34	26.28 1.89 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.68 0.14 -22.93	22.74 1.03 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.13 1.59 -4.42	24.23 1.58 0.00	21.91 1.26 0.00	23.13 1.08 0.00
CHAFFEE___LFGE 323603	21.80 0.71 0.00	21.86 0.70 0.00	17.04 0.47 0.00	17.28 0.34 0.00	15.70 0.25 0.00	18.45 0.45 0.00	25.60 0.53 -0.30	20.30 0.27 -1.90	22.67 0.40 -0.45	26.59 0.60 0.00	24.64 0.31 0.00	19.99 0.14 -0.49	9.79 0.04 -2.38	5.39 0.02 -3.77	13.32 0.12 -1.65	5.05 -0.01 -4.18	4.11 -0.02 -5.36	8.96 0.01 -4.86	8.31 -0.08 -7.08	17.91 -0.02 -1.23	24.09 0.24 -0.73	23.09 0.44 0.00	21.03 0.37 0.00	22.63 0.58 0.00
CHATEAUG_35_KV_LOAD 355732	21.11 0.02 0.00	21.21 0.05 0.00	16.43 -0.13 0.00	16.91 -0.04 0.00	15.42 -0.04 0.00	17.74 -0.26 0.00	24.28 -0.48 0.00	17.62 -0.51 0.00	21.07 -0.75 0.00	24.99 -1.01 0.00	23.19 -1.14 0.00	4.81 -1.06 13.50	-8.15 -0.39 15.14	-10.53 -0.09 12.05	-23.28 -0.63 34.20	-22.60 -0.04 23.44	-13.23 0.06 12.07	3.89 -0.20 0.00	1.36 0.05 0.00	16.59 -0.12 0.00	22.92 -0.20 0.00	22.59 -0.06 0.00	20.58 -0.07 0.00	22.04 -0.01 0.00
CHATEAUG_WT_PWR 323614	21.06 -0.03 0.00	21.17 0.00 0.00	16.40 -0.17 0.00	16.87 -0.08 0.00	15.39 -0.06 0.00	17.71 -0.29 0.00	24.24 -0.52 0.00	17.59 -0.54 0.00	21.01 -0.81 0.00	24.87 -1.13 0.00	23.07 -1.26 0.00	5.65 -1.13 12.58	-7.15 -0.42 14.10	-9.71 -0.09 11.22	-21.02 -0.69 31.87	-21.01 -0.05 21.84	-12.40 0.08 11.24	3.87 -0.22 0.00	1.36 0.05 0.00	16.56 -0.15 0.00	22.87 -0.24 0.00	22.57 -0.08 0.00	20.56 -0.10 0.00	21.99 -0.06 0.00
CHAT_HIGH_FALL_HYD 323578	21.11 0.02 0.00	21.21 0.05 0.00	16.43 -0.13 0.00	16.91 -0.04 0.00	15.42 -0.04 0.00	17.74 -0.26 0.00	24.28 -0.49 0.00	17.63 -0.50 0.00	21.07 -0.75 0.00	24.98 -1.01 0.00	23.18 -1.15 0.00	4.81 -1.05 13.50	-8.15 -0.39 15.14	-10.53 -0.09 12.05	-23.29 -0.63 34.20	-22.60 -0.04 23.44	-13.22 0.07 12.07	3.89 -0.20 0.00	1.36 0.05 0.00	16.59 -0.12 0.00	22.92 -0.20 0.00	22.59 -0.06 0.00	20.58 -0.07 0.00	22.04 -0.01 0.00
CHAUTAUQUA___LFGE 323629	22.04 0.95 0.00	22.06 0.89 0.00	17.21 0.65 0.00	17.44 0.50 0.00	15.85 0.40 0.00	18.60 0.60 0.00	25.85 0.78 -0.30	20.55 0.51 -1.91	22.92 0.64 -0.46	26.89 0.90 0.00	24.82 0.49 0.00	20.17 0.31 -0.49	9.88 0.11 -2.39	5.43 0.03 -3.79	13.46 0.25 -1.67	5.09 0.00 -4.21	4.15 -0.03 -5.41	9.06 0.07 -4.90	8.40 -0.05 -7.14	18.14 0.20 -1.24	24.29 0.44 -0.74	23.32 0.68 0.00	21.19 0.54 0.00	22.86 0.80 0.00
CHERRYST_13_KV_LD 356241	22.12 1.03 0.00	27.33 1.01 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.29 0.83 0.00	19.01 1.01 0.00	28.12 1.48 -1.87	30.68 1.23 -11.32	26.18 1.59 -2.77	28.31 1.97 -0.34	26.38 1.98 -0.07	24.06 1.71 -2.99	22.49 0.65 -14.47	24.68 0.15 -22.93	22.79 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.11 -32.79	33.81 0.38 -29.34	44.20 0.09 -42.81	25.41 1.27 -7.44	29.19 1.66 -4.42	24.29 1.65 0.00	21.97 1.32 0.00	23.19 1.14 0.00
CHESTROR_138KV_BK263 355645	21.73 0.64 0.00	26.01 0.64 -4.21	17.14 0.57 0.00	17.49 0.55 0.00	15.98 0.53 0.00	18.66 0.66 0.00	27.43 0.95 -1.71	29.37 0.86 -10.37	25.41 1.05 -2.54	27.54 1.27 -0.28	25.66 1.27 -0.05	23.20 1.11 -2.73	21.05 0.43 -13.25	22.70 0.10 -21.00	21.57 0.71 -9.31	24.69 0.06 -23.75	28.69 -0.08 -30.00	31.22 0.26 -26.87	40.58 0.07 -39.20	24.45 0.93 -6.81	28.39 1.23 -4.05	23.85 1.20 0.00	21.60 0.95 0.00	22.85 0.79 0.00
CH_MIDHUDSON___DRP 24192	21.88 0.79 0.00	25.38 0.78 -3.43	17.24 0.68 0.00	17.62 0.68 0.00	16.11 0.66 0.00	18.80 0.80 0.00	27.78 1.13 -1.89	30.72 1.02 -11.56	25.89 1.24 -2.83	27.70 1.48 -0.23	25.85 1.48 -0.04	23.70 1.29 -3.05	22.64 0.49 -14.77	25.13 0.11 -23.41	22.73 0.81 -10.38	27.37 0.07 -26.42	32.04 -0.09 -33.36	34.36 0.30 -29.97	45.11 0.09 -43.72	25.41 1.11 -7.60	29.10 1.47 -4.51	24.06 1.41 0.00	21.78 1.13 0.00	23.03 0.98 0.00

CH_MISC_IPPS 23765	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.16 -11.37	26.01 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.12 0.00
CH_RES_BVR_FALLS 23983	20.90 -0.19 0.00	20.98 -0.19 0.00	16.40 -0.17 0.00	16.81 -0.14 0.00	15.31 -0.14 0.00	17.79 -0.21 0.00	24.43 -0.34 0.00	17.86 -0.27 0.00	21.49 -0.33 0.00	25.60 -0.40 0.00	23.95 -0.38 0.00	19.05 -0.31 0.00	7.26 -0.11 0.00	1.58 -0.03 0.00	11.36 -0.18 0.00	0.87 -0.01 0.00	-1.21 0.02 0.00	4.03 -0.07 0.00	1.30 -0.01 0.00	16.48 -0.22 0.00	22.82 -0.29 0.00	22.38 -0.27 0.00	20.45 -0.20 0.00	21.92 -0.13 0.00
CH_RES_NIAGARA 23895	21.39 0.30 0.00	21.55 0.38 0.00	16.78 0.22 0.00	17.05 0.10 0.00	15.46 0.00 0.00	18.15 0.15 0.00	25.05 0.01 -0.28	19.53 -0.34 -1.73	21.79 -0.45 -0.42	25.53 -0.47 0.00	23.73 -0.60 0.00	19.31 -0.51 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.78 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.02 -4.90	8.38 -0.15 -4.43	7.62 -0.14 -6.46	17.16 -0.66 -1.12	23.11 -0.67 -0.67	22.19 -0.46 0.00	20.32 -0.33 0.00	22.09 0.04 0.00
CH_RES_SYRACUSE 23985	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.37 0.40 -0.20	19.64 0.25 -1.25	22.41 0.28 -0.31	26.35 0.36 0.00	24.61 0.28 -0.33	19.85 0.16 -0.33	9.02 0.04 -1.60	4.15 0.01 -2.54	12.72 0.06 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.18 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
CLINTON_WT_PWR 323605	21.06 -0.03 0.00	21.17 0.00 0.00	16.40 -0.17 0.00	16.87 -0.08 0.00	15.39 -0.06 0.00	17.71 -0.29 0.00	24.24 -0.52 0.00	17.59 -0.54 0.00	21.01 -0.81 0.00	24.87 -1.13 0.00	23.07 -1.26 0.00	5.65 -1.13 12.58	-7.15 -0.42 14.10	-9.71 -0.09 11.22	-21.02 -0.69 31.87	-21.01 -0.05 21.84	-12.40 0.08 11.24	3.87 -0.22 0.00	1.36 0.05 0.00	16.56 -0.15 0.00	22.87 -0.24 0.00	22.57 -0.08 0.00	20.56 -0.10 0.00	21.99 -0.06 0.00
CLINTON__LFGE 323618	21.20 0.11 0.00	21.31 0.14 0.00	16.51 -0.06 0.00	16.98 0.03 0.00	15.50 0.05 0.00	17.86 -0.14 0.00	24.46 -0.30 0.00	17.76 -0.37 0.00	21.23 -0.59 0.00	25.10 -0.89 0.00	23.28 -1.05 12.82	5.59 -0.95 14.37	-7.36 -0.36 11.44	-9.91 -0.08 32.48	-21.52 -0.04 22.26	-21.42 0.07 11.46	-12.62 0.00 0.00	3.90 -0.19 0.00	1.38 0.07 0.00	16.76 0.05 0.00	23.16 0.04 0.00	22.87 0.22 0.00	20.79 0.13 0.00	22.21 0.16 0.00
COBBLENY_34_KV_TB1 80064	21.80 0.71 0.00	21.86 0.70 0.00	17.04 0.47 0.00	17.29 0.34 0.00	15.70 0.25 0.00	18.45 0.45 0.00	25.58 0.52 -0.30	20.30 0.27 -1.90	22.68 0.41 -0.45	26.61 0.61 0.00	24.63 0.30 0.00	20.00 0.15 -0.49	9.79 0.04 -2.38	5.39 0.02 -3.77	13.32 0.12 -1.65	5.05 -0.01 -4.18	4.12 -0.02 -5.36	8.96 0.01 -4.86	8.31 -0.08 -7.08	17.91 -0.03 -1.23	24.08 0.24 -0.73	23.09 0.44 0.00	21.02 0.37 0.00	22.63 0.58 0.00
COFFEEN__115KV_TB3 355620	21.93 0.83 0.00	21.95 0.77 0.00	17.13 0.57 0.00	17.52 0.58 0.00	15.90 0.44 0.00	18.50 0.50 0.00	25.57 0.70 -0.11	19.28 0.44 -0.71	22.66 0.67 -0.17	26.77 0.78 0.00	24.94 0.61 -0.73	20.47 0.38 -1.51	8.92 0.04 -1.91	3.49 -0.02 -1.91	13.45 -0.09 -2.00	3.41 -0.01 -2.54	1.30 0.02 -2.50	5.94 0.02 -1.83	3.99 0.02 -2.67	17.26 0.09 -0.46	23.43 0.04 -0.27	22.62 -0.03 0.00	20.83 0.18 0.00	22.36 0.30 0.00
COLDSPRG_115KV_BK1 355956	22.38 1.29 0.00	22.41 1.25 0.00	17.49 0.93 0.00	17.73 0.78 0.00	16.12 0.67 0.00	18.92 0.92 0.00	26.39 1.31 -0.32	21.04 0.93 -1.98	23.51 1.21 -0.47	27.67 1.68 0.00	25.49 1.15 -0.51	20.67 0.80 -2.48	10.11 0.26 -3.93	5.60 0.07 -1.73	13.78 0.51 -4.36	5.27 0.02 -5.62	4.33 0.02 -5.08	9.33 0.15 -5.08	8.70 -0.03 -7.42	18.57 0.58 -1.29	24.83 0.95 -0.77	23.85 1.20 0.00	21.70 1.05 0.00	23.39 1.34 0.00
COLONIE_LFGE__ 323577	21.74 0.65 0.00	13.78 0.69 8.09	17.11 0.54 0.00	17.55 0.61 0.00	16.03 0.57 0.00	18.65 0.65 0.00	27.79 0.92 -2.11	32.91 0.84 -13.93	26.12 0.92 -3.38	26.50 0.97 0.47	25.18 0.94 0.09	23.82 0.79 -3.67	25.50 0.33 -17.80	29.89 0.07 -28.21	24.46 0.47 -12.44	32.22 0.04 -31.29	38.08 -0.05 -39.36	40.38 0.18 -36.11	54.04 0.06 -52.68	26.62 0.76 -9.15	29.66 1.10 -5.44	23.61 0.96 0.00	21.43 0.78 0.00	22.64 0.59 0.00
COOPERNY_115KV_TB1 80082	21.56 0.47 0.00	24.11 0.46 -2.48	16.98 0.42 0.00	17.34 0.39 0.00	15.84 0.39 0.00	18.48 0.48 0.00	26.56 0.70 -1.10	25.26 0.40 -6.73	23.96 0.50 -1.65	26.71 0.59 -0.13	24.95 0.59 -0.02	21.67 0.53 -1.77	16.18 0.21 -8.60	15.28 0.05 -13.63	17.94 0.35 -6.04	16.28 0.03 -15.37	18.14 0.13 -19.40	21.65 0.03 -17.44	26.77 0.03 -25.44	21.57 0.44 -4.42	26.33 0.59 -2.63	23.22 0.58 0.00	21.09 0.44 0.00	22.37 0.32 0.00
COPENHAGEN_WT_PWR 323753	21.72 0.63 0.00	21.75 0.58 0.00	16.98 0.42 0.00	17.37 0.42 0.00	15.74 0.28 0.00	18.27 0.27 0.00	25.20 0.32 -0.12	19.03 0.16 -0.73	22.35 0.35 -0.18	26.41 0.41 0.00	24.59 0.26 0.00	20.18 0.11 -0.71	8.84 -0.05 -1.51	3.51 -0.04 -1.93	13.25 -0.25 -1.96	3.41 -0.02 -2.55	1.36 0.04 -2.55	5.96 -0.03 -1.89	4.05 -0.01 -2.76	16.93 -0.25 -0.48	22.96 -0.43 -0.28	22.18 -0.47 0.00	20.47 -0.18 0.00	22.02 -0.03 0.00
CORNELL____ 23752	21.68 0.59 0.00	21.70 0.53 0.00	16.96 0.39 0.00	17.30 0.35 0.00	15.78 0.33 0.00	18.45 0.45 0.00	25.90 0.74 -0.39	21.17 0.56 -2.48	23.06 0.64 -0.60	26.72 0.73 0.00	24.84 0.51 0.00	20.32 0.30 -0.65	10.63 0.09 -3.17	6.66 0.02 -5.03	13.91 0.14 -2.22	6.52 0.00 -5.63	5.83 -0.02 -7.08	10.59 0.09 -6.41	10.70 0.04 -9.35	18.85 0.52 -1.62	24.81 0.74 -0.97	23.33 0.69 0.00	21.19 0.54 0.00	22.60 0.55 0.00
CORONAAV_69_KV_TB1 355595	22.37 1.28 0.00	27.60 1.27 -5.15	17.63 1.07 0.00	17.98 1.03 0.00	16.46 1.01 0.00	19.25 1.25 0.00	28.32 1.68 -1.87	30.77 1.31 -11.32	26.29 1.70 -2.77	28.44 2.11 -0.34	26.51 2.12 -0.07	24.20 1.85 -2.99	22.53 0.69 -14.47	24.69 0.15 -22.93	22.83 1.11 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.40 -29.35	44.22 0.10 -42.81	25.63 1.48 -7.44	29.45 1.92 -4.42	24.54 1.90 0.00	22.24 1.59 0.00	23.49 1.44 0.00
CORTLAND_115KV_TB3 80093	21.51 0.42 0.00	21.52 0.36 0.00	16.83 0.27 0.00	17.18 0.23 0.00	15.67 0.21 0.00	18.31 0.31 0.00	25.59 0.51 -0.32	20.55 0.39 -2.03	22.79 0.47 -0.49	26.57 0.57 0.00	24.75 0.42 0.00	20.16 0.26 -0.53	10.05 0.08 -2.59	5.74 0.02 -4.11	13.49 0.13 -1.82	5.50 0.01 -4.61	4.56 -0.02 -5.80	9.41 0.06 -5.25	8.99 0.02 -7.66	18.37 0.33 -1.33	24.38 0.48 -0.79	23.09 0.44 0.00	20.99 0.33 0.00	22.41 0.36 0.00

COXSACKIE___GT 23611	22.16 1.07 0.00	19.44 1.11 2.84	17.43 0.86 0.00	17.86 0.91 0.00	16.31 0.85 0.00	19.05 1.05 0.00	28.39 1.59 -2.04	32.52 1.35 -13.04	26.41 1.41 -3.17	27.21 1.38 0.16	25.36 1.06 0.03	23.59 0.79 -3.44	24.36 0.33 -16.66	28.09 0.07 -26.41	23.76 0.54 -11.67	30.43 0.05 -29.50	35.87 -0.06 -37.16	38.15 0.25 -33.81	50.73 0.09 -49.33	26.61 1.33 -8.57	30.07 1.86 -5.09	24.32 1.67 0.00	22.00 1.35 0.00	23.12 1.06 0.00
CPV_VALLEY___CC1 323721	21.58 0.49 0.00	25.27 0.49 -3.61	17.02 0.46 0.00	17.38 0.43 0.00	15.89 0.43 0.00	18.53 0.53 0.00	26.59 0.75 -1.08	24.78 0.20 -6.46	23.64 0.24 -1.58	26.42 0.30 -0.13	24.67 0.32 -0.02	21.39 0.32 -1.70	15.76 0.14 -8.25	14.71 0.03 -13.07	17.58 0.25 -5.79	15.65 0.02 -14.75	17.37 -0.02 -18.62	20.90 0.08 -16.73	25.72 0.02 -24.40	21.20 0.26 -4.24	25.96 0.33 -2.52	22.97 0.32 0.00	20.88 0.22 0.00	22.12 0.07 0.00
CPV_VALLEY___CC2 323722	21.58 0.49 0.00	25.27 0.49 -3.61	17.02 0.46 0.00	17.38 0.43 0.00	15.89 0.43 0.00	18.53 0.53 0.00	26.59 0.75 -1.08	24.78 0.20 -6.46	23.64 0.24 -1.58	26.42 0.30 -0.13	24.67 0.32 -0.02	21.39 0.32 -1.70	15.76 0.14 -8.25	14.71 0.03 -13.07	17.58 0.25 -5.79	15.65 0.02 -14.75	17.37 -0.02 -18.62	20.90 0.08 -16.73	25.72 0.02 -24.40	21.20 0.26 -4.24	25.96 0.33 -2.52	22.97 0.32 0.00	20.88 0.22 0.00	22.12 0.07 0.00
CRESCENT___HYD 24018	21.74 0.65 0.00	13.78 0.69 8.09	17.11 0.54 0.00	17.55 0.61 0.00	16.03 0.57 0.00	18.65 0.65 0.00	27.79 0.92 -2.11	32.91 0.84 -13.93	26.12 0.92 -3.38	26.50 0.97 0.47	25.18 0.94 0.09	23.82 0.79 -3.67	25.50 0.33 -17.80	29.89 0.07 -28.21	24.46 0.47 -12.44	32.22 0.04 -31.29	38.08 -0.05 -39.36	40.38 0.18 -36.11	54.04 0.06 -52.68	26.62 0.76 -9.15	29.66 1.10 -5.44	23.61 0.96 0.00	21.43 0.78 0.00	22.64 0.59 0.00
CRICKET___VALLEY_CC1 323756	21.56 0.47 0.00	-57.24 0.47 78.87	17.00 0.44 0.00	17.42 0.48 0.00	15.93 0.48 0.00	18.58 0.58 0.00	26.35 0.73 -0.85	30.78 0.75 -11.90	25.41 0.88 -2.71	22.31 1.02 4.70	24.50 1.07 0.90	23.48 0.98 -3.14	22.97 0.39 -15.21	25.79 0.09 -24.10	22.45 0.62 -10.28	24.55 0.05 -23.61	27.52 -0.06 -28.82	35.17 0.23 -30.84	46.37 0.07 -45.00	25.37 0.85 -7.82	28.87 1.11 -4.64	23.70 1.05 0.00	21.49 0.84 0.00	22.71 0.66 0.00
CRICKET___VALLEY_CC2 323757	21.56 0.47 0.00	-57.24 0.47 78.87	17.00 0.44 0.00	17.42 0.48 0.00	15.93 0.48 0.00	18.58 0.58 0.00	26.35 0.73 -0.85	30.78 0.75 -11.90	25.41 0.88 -2.71	22.31 1.02 4.70	24.50 1.07 0.90	23.48 0.98 -3.14	22.97 0.39 -15.21	25.79 0.09 -24.10	22.45 0.62 -10.28	24.55 0.05 -23.61	27.52 -0.06 -28.82	35.17 0.23 -30.84	46.37 0.07 -45.00	25.37 0.85 -7.82	28.87 1.11 -4.64	23.70 1.05 0.00	21.49 0.84 0.00	22.71 0.66 0.00
CRICKET___VALLEY_CC3 323758	21.56 0.47 0.00	-57.24 0.47 78.87	17.00 0.44 0.00	17.42 0.48 0.00	15.93 0.48 0.00	18.58 0.58 0.00	26.35 0.73 -0.85	30.78 0.75 -11.90	25.41 0.88 -2.71	22.31 1.02 4.70	24.50 1.07 0.90	23.48 0.98 -3.14	22.97 0.39 -15.21	25.79 0.09 -24.10	22.45 0.62 -10.28	24.55 0.05 -23.61	27.52 -0.06 -28.82	35.17 0.23 -30.84	46.37 0.07 -45.00	25.37 0.85 -7.82	28.87 1.11 -4.64	23.70 1.05 0.00	21.49 0.84 0.00	22.71 0.66 0.00
CRUCIBLE_METL_DRP 24180	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
DAHOWA___HYDRO 323763	22.17 1.09 0.00	15.45 1.09 6.80	17.42 0.85 0.00	17.88 0.94 0.00	16.34 0.89 0.00	19.07 1.07 0.00	28.50 1.58 -2.15	33.57 1.35 -14.09	26.78 1.54 -3.42	27.23 1.63 0.39	25.77 1.52 0.08	24.31 1.23 -3.71	25.86 0.49 -18.00	30.24 0.11 -28.52	24.87 0.74 -12.59	32.64 0.06 -31.70	38.58 -0.08 -39.89	40.87 0.28 -36.50	54.61 0.09 -53.22	27.10 1.14 -9.25	30.24 1.63 -5.49	24.11 1.46 0.00	21.91 1.26 0.00	23.11 1.06 0.00
DANC___LFGE 323619	21.56 0.47 0.00	21.60 0.43 0.00	16.87 0.31 0.00	17.25 0.30 0.00	15.67 0.21 0.00	18.24 0.24 0.00	25.23 0.33 -0.14	19.20 0.20 -0.86	22.37 0.33 -0.21	26.40 0.41 0.00	24.62 0.28 0.00	20.10 0.14 -0.59	8.87 -0.01 -1.51	3.66 -0.02 -2.07	13.11 -0.13 -1.70	3.46 -0.02 -2.59	1.59 0.03 -2.79	6.31 -0.01 -2.23	4.55 0.00 -3.25	17.19 -0.08 -0.57	23.29 -0.16 -0.34	22.45 -0.20 0.00	20.60 -0.05 0.00	22.09 0.04 0.00
DANSKAMMER___1 23586	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.16 -11.37	26.01 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.12 0.00
DANSKAMMER___2 23589	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.16 -11.37	26.01 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.12 0.00
DANSKAMMER___3 23590	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.16 -11.37	26.01 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.12 0.00
DANSKAMMER___4 23591	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.16 -11.37	26.01 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.12 0.00
DANSKAMMER___DIESEL 23592	22.00 0.90 0.00	25.89 0.90 -3.82	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.90 0.90 0.00	27.91 1.29 -1.86	30.66 1.15 -11.37	26.00 1.40 -2.78	27.92 1.67 -0.26	26.04 1.66 -0.05	23.78 1.43 -3.00	22.44 0.55 -14.52	24.75 0.12 -23.02	22.65 0.90 -10.20	26.95 0.07 -26.00	31.50 -0.10 -32.83	33.89 0.33 -29.46	44.37 0.10 -42.97	25.42 1.25 -7.47	29.20 1.65 -4.44	24.24 1.59 0.00	21.94 1.28 0.00	23.18 1.13 0.00

DARBY___SOLAR 323810	22.11 1.02 0.00	15.17 1.03 7.03	17.37 0.81 0.00	17.83 0.89 0.00	16.29 0.84 0.00	19.00 1.00 0.00	28.39 1.48 -2.15	33.46 1.26 -14.07	26.67 1.43 -3.41	27.10 1.51 0.41	25.67 1.41 0.08	24.21 1.14 -3.71	25.80 0.46 -17.97	30.19 0.10 -28.48	24.80 0.68 -12.57	32.58 0.06 -31.65	38.51 -0.07 -39.81	40.81 0.26 -36.45	54.54 0.08 -53.15	27.02 1.08 -9.24	30.14 1.54 -5.49	24.02 1.38 0.00	21.84 1.18 0.00	23.04 0.99 0.00
DASHVILLE___HYD 23610	21.82 0.72 0.00	23.61 0.73 -1.70	17.20 0.63 0.00	17.56 0.61 0.00	16.05 0.60 0.00	18.74 0.73 0.00	27.69 1.07 -1.86	30.60 0.93 -11.54	25.84 1.21 -2.82	27.64 1.53 -0.11	25.82 1.47 -0.02	23.65 1.24 -3.04	22.57 0.46 -14.74	25.07 0.10 -23.36	22.67 0.79 -10.34	27.23 0.07 -26.28	31.84 -0.08 -33.15	34.28 0.28 -29.90	45.01 0.08 -43.62	25.36 1.08 -7.58	29.04 1.42 -4.50	24.05 1.40 0.00	21.77 1.12 0.00	23.06 1.01 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.20 2.11 0.00	28.42 2.10 -5.15	18.31 1.75 0.00	18.65 1.70 0.00	17.09 1.64 0.00	20.05 2.05 0.00	29.39 2.75 -1.87	31.73 2.27 -11.32	27.43 2.83 -2.77	29.78 3.45 -0.34	27.74 3.34 -0.07	25.19 2.84 -2.99	22.91 1.06 -14.47	24.77 0.23 -22.93	23.43 1.71 -10.17	26.99 0.15 -25.96	31.38 -0.19 -32.80	34.10 0.66 -29.35	44.29 0.17 -42.81	26.58 2.44 -7.44	30.68 3.14 -4.42	25.66 3.02 0.00	23.25 2.60 0.00	24.22 2.17 0.00
DELAWARE___LFGE 323621	21.62 0.53 0.00	21.69 0.52 0.00	17.00 0.43 0.00	17.37 0.42 0.00	15.85 0.40 0.00	18.50 0.50 0.00	26.32 0.75 -0.81	23.79 0.56 -5.09	23.75 0.69 -1.24	26.82 0.83 0.00	25.11 0.78 0.00	21.33 0.63 -1.34	14.13 0.24 -6.51	11.99 0.05 -10.32	16.50 0.39 -4.57	12.48 0.03 -11.57	13.31 -0.04 -14.58	17.43 0.14 -13.20	20.60 0.04 -19.25	20.61 0.57 -3.35	25.88 0.78 -1.99	23.39 0.74 0.00	21.24 0.58 0.00	22.56 0.51 0.00
DERFIELD_115KV_TB7 355931	21.14 0.04 0.00	21.21 0.04 0.00	16.60 0.04 0.00	16.98 0.03 0.00	15.49 0.03 0.00	18.04 0.04 0.00	24.82 0.06 0.00	18.19 0.06 0.00	21.90 0.08 0.00	26.07 0.08 0.00	24.40 0.07 0.00	19.43 0.07 0.00	7.40 0.02 0.00	1.61 0.00 0.00	11.58 0.03 0.00	0.88 0.00 0.00	-1.23 0.00 0.00	4.11 0.01 0.00	1.31 0.00 0.00	16.73 0.03 0.00	23.15 0.03 0.00	22.69 0.04 0.00	20.68 0.02 0.00	22.05 0.00 0.00
DOGLEVILLE___HYD 23807	21.03 -0.06 0.00	21.06 -0.11 0.00	16.50 -0.06 0.00	16.90 -0.05 0.00	15.49 0.04 0.00	18.04 0.04 0.00	24.82 0.06 0.00	18.19 0.06 0.00	21.83 0.01 0.00	25.84 -0.16 0.00	24.24 -0.09 0.00	19.35 -0.02 0.00	7.35 -0.02 0.00	1.59 -0.01 0.00	11.42 -0.12 0.00	0.87 -0.02 0.00	-1.23 0.00 0.00	4.09 0.00 0.00	1.31 0.00 0.00	16.82 0.12 0.00	23.33 0.22 0.00	22.80 0.15 0.00	20.71 0.06 0.00	21.81 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	22.01 0.91 0.00	22.02 0.85 0.00	17.18 0.62 0.00	17.41 0.46 0.00	15.82 0.37 0.00	18.56 0.56 0.00	25.79 0.72 -0.30	20.52 0.48 -1.90	22.89 0.61 -0.46	26.86 0.87 0.00	24.78 0.45 0.00	20.14 0.29 -0.49	9.86 0.10 -2.39	5.43 0.03 -3.79	13.44 0.23 -1.66	5.09 0.00 -4.20	4.14 -0.03 -5.40	9.04 0.06 -4.89	8.39 -0.05 -7.13	18.11 0.17 -1.24	24.25 0.40 -0.74	23.29 0.64 0.00	21.16 0.50 0.00	22.81 0.76 0.00
DUNKIRK___1 23563	22.01 0.91 0.00	22.02 0.85 0.00	17.18 0.62 0.00	17.41 0.46 0.00	15.82 0.37 0.00	18.56 0.56 0.00	25.79 0.72 -0.30	20.52 0.48 -1.90	22.89 0.61 -0.46	26.86 0.87 0.00	24.78 0.45 0.00	20.14 0.29 -0.49	9.86 0.10 -2.39	5.43 0.03 -3.79	13.44 0.23 -1.66	5.09 0.00 -4.20	4.14 -0.03 -5.40	9.04 0.06 -4.89	8.39 -0.05 -7.13	18.11 0.17 -1.24	24.25 0.40 -0.74	23.29 0.64 0.00	21.16 0.50 0.00	22.81 0.76 0.00
DUNKIRK___2 23564	22.01 0.91 0.00	22.02 0.85 0.00	17.18 0.62 0.00	17.41 0.46 0.00	15.82 0.37 0.00	18.56 0.56 0.00	25.79 0.72 -0.30	20.52 0.48 -1.90	22.89 0.61 -0.46	26.86 0.87 0.00	24.78 0.45 0.00	20.14 0.29 -0.49	9.86 0.10 -2.39	5.43 0.03 -3.79	13.44 0.23 -1.66	5.09 0.00 -4.20	4.14 -0.03 -5.40	9.04 0.06 -4.89	8.39 -0.05 -7.13	18.11 0.17 -1.24	24.25 0.40 -0.74	23.29 0.64 0.00	21.16 0.50 0.00	22.81 0.76 0.00
DUNKIRK___3 23565	21.90 0.81 0.00	21.91 0.74 0.00	17.09 0.53 0.00	17.32 0.37 0.00	15.75 0.29 0.00	18.47 0.47 0.00	25.68 0.61 -0.30	20.44 0.40 -1.90	22.81 0.53 -0.46	26.79 0.80 0.00	24.72 0.39 0.00	20.07 0.22 -0.49	9.83 0.06 -2.39	5.42 0.02 -3.79	13.39 0.19 -1.66	5.08 0.00 -4.20	4.15 -0.03 -5.40	9.03 0.05 -4.89	8.38 -0.05 -7.13	18.04 0.09 -1.24	24.17 0.32 -0.74	23.20 0.55 0.00	21.10 0.44 0.00	22.74 0.69 0.00
DUNKIRK___4 23566	21.95 0.86 0.00	21.99 0.82 0.00	17.15 0.58 0.00	17.39 0.44 0.00	15.79 0.34 0.00	18.53 0.53 0.00	25.73 0.67 -0.30	20.43 0.42 -1.87	22.83 0.55 -0.45	26.78 0.79 0.00	24.74 0.40 0.00	20.09 0.24 -0.48	9.80 0.08 -2.35	5.36 0.03 -3.73	13.38 0.19 -1.64	5.02 0.00 -4.14	4.06 -0.03 -5.31	8.94 0.05 -4.80	8.25 -0.06 -7.01	18.04 0.12 -1.22	24.19 0.35 -0.72	23.22 0.58 0.00	21.12 0.47 0.00	22.77 0.72 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.00 0.90 0.00	27.22 0.90 -5.15	17.34 0.78 0.00	17.70 0.75 0.00	16.19 0.74 0.00	18.90 0.90 0.00	27.94 1.30 -1.87	30.56 1.10 -11.32	25.99 1.39 -2.77	28.04 1.70 -0.34	26.10 1.70 -0.07	23.83 1.48 -2.99	22.40 0.57 -14.46	24.66 0.13 -22.93	22.65 0.93 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.77 0.33 -29.34	44.20 0.09 -42.80	25.32 1.18 -7.44	29.09 1.55 -4.42	24.18 1.53 0.00	21.89 1.23 0.00	23.11 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.84 0.75 0.00	25.74 0.75 -3.82	17.22 0.66 0.00	17.58 0.63 0.00	16.07 0.61 0.00	18.76 0.76 0.00	27.67 1.10 -1.81	30.22 1.05 -11.03	25.80 1.28 -2.70	27.79 1.53 -0.27	25.90 1.52 -0.05	23.58 1.31 -2.91	21.97 0.50 -14.09	24.06 0.11 -22.34	22.28 0.83 -9.90	26.20 0.07 -25.24	30.56 -0.09 -31.88	32.99 0.31 -28.59	43.10 0.09 -41.71	25.09 1.14 -7.25	28.92 1.50 -4.31	24.09 1.45 0.00	21.81 1.16 0.00	23.06 1.01 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	22.08 0.99 0.00	27.27 0.95 -5.15	17.41 0.84 0.00	17.76 0.81 0.00	16.25 0.80 0.00	18.95 0.95 0.00	27.97 1.34 -1.87	30.60 1.15 -11.32	26.07 1.47 -2.78	28.14 1.80 -0.34	26.22 1.82 -0.07	23.92 1.57 -2.99	22.45 0.60 -14.47	24.67 0.14 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.47 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.08 1.55 -4.42	24.18 1.54 0.00	21.86 1.21 0.00	23.08 1.03 0.00
E179THST_13_KV_LOAD 356214	22.17 1.09 0.00	27.36 1.04 -5.15	17.48 0.91 0.00	17.82 0.87 0.00	16.31 0.86 0.00	19.02 1.02 0.00	28.07 1.43 -1.87	30.68 1.23 -11.32	26.17 1.57 -2.78	28.25 1.92 -0.34	26.35 1.94 -0.07	24.02 1.67 -2.99	22.49 0.64 -14.47	24.68 0.14 -22.93	22.77 1.05 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.37 -29.34	44.21 0.09 -42.81	25.44 1.29 -7.44	29.20 1.66 -4.42	24.30 1.65 0.00	21.96 1.30 0.00	23.18 1.13 0.00

EAST HAMPTON___GT 23717	23.38 2.28 0.00	28.61 2.29 -5.15	18.44 1.87 0.00	18.77 1.83 0.00	17.21 1.76 0.00	20.20 2.20 0.00	29.56 2.93 -1.87	32.04 2.58 -11.32	27.76 3.17 -2.77	30.14 3.81 -0.34	28.08 3.69 -0.07	25.50 3.16 -2.99	23.02 1.17 -14.47	24.79 0.25 -22.93	23.61 1.90 -10.17	27.01 0.16 -25.96	31.36 -0.21 -32.80	34.18 0.73 -29.35	44.31 0.19 -42.82	26.88 2.73 -7.44	31.08 3.55 -4.42	26.06 3.41 0.00	23.57 2.91 0.00	24.50 2.44 0.00
EAST RIVER___6 23660	22.04 0.95 0.00	27.24 0.92 -5.15	17.39 0.83 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.96 0.96 0.00	28.09 1.45 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.77	28.28 1.95 -0.34	26.36 1.97 -0.07	24.06 1.71 -2.99	22.49 0.65 -14.47	24.68 0.15 -22.93	22.79 1.08 -10.17	26.92 0.09 -25.96	31.45 -0.11 -32.79	33.81 0.38 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.59 -4.42	24.23 1.58 0.00	21.91 1.25 0.00	23.11 1.06 0.00
EAST RIVER___7 23524	22.04 0.95 0.00	27.24 0.92 -5.15	17.39 0.83 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.96 0.96 0.00	28.09 1.45 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.77	28.28 1.95 -0.34	26.36 1.97 -0.07	24.06 1.71 -2.99	22.49 0.65 -14.47	24.68 0.15 -22.93	22.79 1.08 -10.17	26.92 0.09 -25.96	31.45 -0.11 -32.79	33.81 0.38 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.59 -4.42	24.23 1.58 0.00	21.91 1.25 0.00	23.11 1.06 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.94 0.85 0.00	27.16 0.85 -5.14	17.31 0.75 0.00	17.66 0.72 0.00	16.15 0.70 0.00	18.85 0.85 0.00	27.86 1.23 -1.87	30.49 1.06 -11.30	25.92 1.33 -2.77	27.96 1.62 -0.34	26.04 1.64 -0.07	23.76 1.43 -2.98	22.35 0.54 -14.43	24.61 0.12 -22.87	22.59 0.90 -10.15	26.85 0.07 -25.90	31.39 -0.10 -32.72	33.69 0.32 -29.28	44.10 0.09 -42.71	25.26 1.14 -7.42	29.01 1.49 -4.41	24.11 1.47 0.00	21.82 1.17 0.00	23.05 1.00 0.00
EAST_HAMPTON___DIESEL 23722	23.38 2.29 0.00	28.61 2.29 -5.15	18.44 1.87 0.00	18.78 1.83 0.00	17.21 1.76 0.00	20.20 2.20 0.00	29.56 2.93 -1.87	32.05 2.59 -11.32	27.76 3.17 -2.77	30.15 3.81 -0.34	28.09 3.69 -0.07	25.50 3.16 -2.99	23.02 1.18 -14.47	24.80 0.25 -22.93	23.61 1.90 -10.17	27.01 0.17 -25.96	31.36 -0.21 -32.80	34.18 0.74 -29.35	44.31 0.19 -42.82	26.88 2.74 -7.44	31.09 3.56 -4.42	26.06 3.42 0.00	23.57 2.92 0.00	24.50 2.44 0.00
EAST_PULASKI___ESR 323781	21.55 0.46 0.00	21.59 0.43 0.00	16.88 0.31 0.00	17.24 0.29 0.00	15.69 0.23 0.00	18.32 0.32 0.00	25.43 0.51 -0.16	19.47 0.35 -0.99	22.51 0.45 -0.24	26.54 0.55 0.00	24.77 0.44 0.00	19.90 0.27 -0.26	8.70 0.06 -1.27	3.62 0.01 -2.01	12.47 0.03 -0.89	3.13 0.00 -2.25	1.61 0.00 -2.84	6.70 0.04 -2.57	5.07 0.01 -3.76	17.54 0.18 -0.65	23.73 0.23 -0.39	22.82 0.18 0.00	20.84 0.18 0.00	22.31 0.26 0.00
EAST_RIVER___1 323558	22.07 0.98 0.00	27.28 0.96 -5.15	17.41 0.85 0.00	17.76 0.81 0.00	16.25 0.80 0.00	18.96 0.96 0.00	28.05 1.41 -1.87	30.63 1.17 -11.32	26.11 1.51 -2.77	28.21 1.88 -0.34	26.28 1.88 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.03 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.12 1.59 -4.42	24.23 1.58 0.00	21.91 1.26 0.00	23.13 1.08 0.00
EAST_RIVER___2 323559	22.04 0.95 0.00	27.24 0.92 -5.15	17.39 0.83 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.96 0.96 0.00	28.09 1.45 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.77	28.28 1.95 -0.34	26.36 1.97 -0.07	24.06 1.71 -2.99	22.49 0.65 -14.47	24.68 0.15 -22.93	22.79 1.08 -10.17	26.92 0.09 -25.96	31.45 -0.11 -32.79	33.81 0.38 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.59 -4.42	24.23 1.58 0.00	21.91 1.25 0.00	23.11 1.06 0.00
EAST___DELAWARE_HYD 23607	21.53 0.44 0.00	24.04 0.41 -2.46	16.95 0.39 0.00	17.30 0.35 0.00	15.82 0.36 0.00	18.49 0.49 0.00	27.05 0.75 -1.53	28.21 0.67 -9.41	24.93 0.81 -2.30	27.04 0.91 -0.14	25.26 0.90 -0.03	22.59 0.75 -2.48	19.52 0.13 -12.02	20.69 0.03 -19.05	20.24 0.26 -8.44	22.37 0.03 -21.46	25.83 -0.03 -27.09	28.59 0.11 -24.38	36.91 0.03 -35.57	23.35 0.46 -6.18	27.83 1.05 -3.67	23.67 1.02 0.00	21.44 0.78 0.00	22.67 0.62 0.00
EIGHT_POINT___WT_PWR 323820	21.62 0.53 0.00	21.76 0.59 0.00	16.82 0.25 0.00	17.11 0.17 0.00	15.70 0.25 0.00	18.26 0.26 0.00	25.37 0.25 -0.36	20.50 0.11 -2.26	22.64 0.27 -0.55	26.23 0.23 0.00	24.27 -0.06 0.00	19.78 -0.17 -0.59	10.12 -0.13 -2.88	6.14 -0.03 -4.56	13.37 -0.19 -2.01	5.96 -0.01 -5.09	5.22 0.00 -6.44	9.88 -0.05 -5.83	9.83 0.02 -8.51	18.48 0.29 -1.48	24.62 0.63 -0.88	23.23 0.59 0.00	21.06 0.41 0.00	22.68 0.63 0.00
ELBRIDGE_115KV_TB2 80188	21.20 0.10 0.00	21.25 0.08 0.00	16.62 0.05 0.00	16.93 -0.01 0.00	15.46 0.00 0.00	18.08 0.08 0.00	25.16 0.18 -0.21	19.59 0.13 -1.33	22.27 0.12 -0.32	26.14 0.15 0.00	24.40 0.07 0.00	19.73 0.02 -0.35	9.06 -0.01 -1.70	4.30 0.00 -2.69	12.70 -0.03 -1.19	3.89 -0.01 -3.01	2.58 0.00 -3.80	7.54 0.01 -3.44	6.32 0.00 -5.02	17.64 0.06 -0.87	23.69 0.06 -0.52	22.72 0.07 0.00	20.68 0.02 0.00	22.05 0.00 0.00
ELEC_TRO_TEK 24086	22.25 1.16 0.00	27.47 1.15 -5.15	17.54 0.98 0.00	17.89 0.94 0.00	16.38 0.93 0.00	19.16 1.16 0.00	28.18 1.55 -1.87	30.72 1.26 -11.32	26.21 1.61 -2.77	28.33 2.00 -0.34	26.39 1.99 -0.07	24.10 1.75 -2.99	22.50 0.66 -14.47	24.68 0.14 -22.93	22.78 1.06 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.38 -29.35	44.22 0.10 -42.81	25.55 1.41 -7.44	29.35 1.82 -4.42	24.44 1.79 0.00	22.14 1.49 0.00	23.35 1.29 0.00
ELLENBURG_WT_PWR 323604	21.06 -0.03 0.00	21.17 0.00 0.00	16.40 -0.17 0.00	16.87 -0.08 0.00	15.39 -0.06 0.00	17.71 -0.29 0.00	24.24 -0.52 0.00	17.59 -0.54 0.00	21.01 -0.81 0.00	24.87 -1.13 0.00	23.07 -1.26 0.00	5.65 -1.13 12.58	-7.15 -0.42 14.10	-9.71 -0.09 11.22	-21.02 -0.69 31.87	-21.01 -0.05 21.84	-12.40 0.08 11.24	3.87 -0.22 0.00	1.36 0.05 0.00	16.56 -0.15 0.00	22.87 -0.24 0.00	22.57 -0.08 0.00	20.56 -0.10 0.00	21.99 -0.06 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.72 0.63 0.00	21.82 0.65 0.00	17.00 0.43 0.00	17.25 0.30 0.00	15.66 0.21 0.00	18.39 0.39 0.00	25.45 0.40 -0.29	20.08 0.14 -1.81	22.47 0.21 -0.43	26.34 0.35 0.00	24.42 0.09 0.00	19.85 0.02 -0.47	9.64 0.00 -2.27	5.21 0.01 -3.60	13.16 0.04 -1.58	4.86 -0.01 -3.99	3.87 -0.01 -5.11	8.70 -0.02 -4.63	7.96 -0.09 -6.75	17.72 -0.15 -1.17	23.83 0.02 -0.70	22.86 0.22 0.00	20.87 0.21 0.00	22.49 0.44 0.00
EMPIRE_CC_1 323656	21.43 0.34 0.00	11.14 0.41 10.44	16.89 0.33 0.00	17.33 0.38 0.00	15.82 0.36 0.00	18.37 0.37 0.00	27.21 0.46 -1.99	31.97 0.50 -13.34	25.57 0.52 -3.23	25.86 0.48 0.61	24.70 0.49 0.12	23.33 0.46 -3.51	24.61 0.20 -17.04	28.65 0.04 -27.00	23.74 0.30 -11.90	30.75 0.03 -29.84	36.23 -0.03 -37.49	38.76 0.11 -34.56	51.76 0.03 -50.43	25.91 0.45 -8.76	28.98 0.66 -5.21	23.20 0.55 0.00	21.07 0.42 0.00	22.25 0.20 0.00

EMPIRE_CC_2 323658	21.43 0.34 0.00	11.14 0.41 10.44	16.89 0.33 0.00	17.33 0.38 0.00	15.82 0.36 0.00	18.37 0.37 0.00	27.21 0.46 -1.99	31.97 0.50 -13.34	25.57 0.52 -3.23	25.86 0.48 0.61	24.70 0.49 0.12	23.33 0.46 -3.51	24.61 0.20 -17.04	28.65 0.04 -27.00	23.74 0.30 -11.90	30.75 0.03 -29.84	36.23 -0.03 -37.49	38.76 0.11 -34.56	51.76 0.03 -50.43	25.91 0.45 -8.76	28.98 0.66 -5.21	23.20 0.55 0.00	21.07 0.42 0.00	22.25 0.20 0.00
ENORWICH_115KV_TB1 80156	22.50 1.41 0.00	22.46 1.29 0.00	17.55 0.99 0.00	17.93 0.98 0.00	16.33 0.88 0.00	19.05 1.05 0.00	27.03 1.71 -0.56	22.92 1.30 -3.49	24.24 1.57 -0.85	27.83 1.83 0.00	25.79 1.46 0.00	21.25 0.97 -0.92	12.18 0.34 -4.46	8.77 0.09 -7.08	15.19 0.52 -3.13	8.84 0.02 -7.93	8.70 -0.05 -9.98	13.36 0.23 -9.04	14.61 0.13 -13.18	20.39 1.40 -2.29	26.37 1.90 -1.36	24.36 1.72 0.00	22.07 1.41 0.00	23.48 1.43 0.00
ERIE_ST__34_KV_TB1-2 80199	21.95 0.86 0.00	22.01 0.83 0.00	17.15 0.58 0.00	17.40 0.45 0.00	15.80 0.35 0.00	18.55 0.55 0.00	25.76 0.70 -0.30	20.38 0.38 -1.86	22.82 0.55 -0.45	26.79 0.80 0.00	24.82 0.49 0.00	20.13 0.29 -0.48	9.79 0.08 -2.34	5.34 0.03 -3.70	13.37 0.20 -1.63	4.99 0.01 -4.10	4.01 -0.03 -5.27	8.90 0.04 -4.77	8.19 -0.07 -6.95	18.00 0.09 -1.21	24.19 0.36 -0.72	23.23 0.58 0.00	21.17 0.52 0.00	22.80 0.75 0.00
ERIE_WT_PWR 323693	21.86 0.76 0.00	21.92 0.76 0.00	17.09 0.52 0.00	17.33 0.38 0.00	15.74 0.29 0.00	18.49 0.49 0.00	25.64 0.59 -0.30	20.27 0.29 -1.85	22.65 0.39 -0.44	26.57 0.57 0.00	24.62 0.29 0.00	19.98 0.14 -0.48	9.74 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.03 0.20 -0.71	23.05 0.40 0.00	21.03 0.37 0.00	22.65 0.60 0.00
ESPRGFLD_115KV_TB1 80157	22.75 1.66 0.00	17.70 1.69 5.15	17.88 1.31 0.00	18.24 1.30 0.00	16.62 1.16 0.00	19.43 1.43 0.00	25.26 1.92 1.42	11.02 1.38 8.50	21.25 1.51 2.08	27.57 1.87 0.29	26.06 1.78 0.06	18.34 1.22 2.24	-3.03 0.45 10.85	-15.50 0.09 17.19	4.54 0.63 7.63	-18.55 0.06 19.50	-25.96 -0.08 24.65	-17.67 0.26 22.03	-30.78 0.11 32.19	12.29 1.18 5.59	21.35 1.56 3.32	24.33 1.69 0.00	22.36 1.71 0.00	24.01 1.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.65 0.56 0.00	21.67 0.50 0.00	16.94 0.38 0.00	17.28 0.33 0.00	15.77 0.31 0.00	18.43 0.43 0.00	25.87 0.71 -0.39	21.14 0.54 -2.47	23.04 0.61 -0.60	26.69 0.70 0.00	24.82 0.49 0.00	20.31 0.29 -0.65	10.62 0.08 -3.16	6.64 0.02 -5.01	13.90 0.13 -2.22	6.50 0.00 -5.62	5.82 -0.02 -7.06	10.57 0.08 -6.39	10.67 0.04 -9.33	18.83 0.50 -1.62	24.77 0.70 -0.96	23.30 0.65 0.00	21.17 0.52 0.00	22.57 0.52 0.00
ETNA_____115KV_TB2 80207	21.65 0.56 0.00	21.67 0.50 0.00	16.94 0.38 0.00	17.28 0.33 0.00	15.77 0.31 0.00	18.43 0.43 0.00	25.87 0.71 -0.39	21.14 0.54 -2.47	23.04 0.61 -0.60	26.69 0.70 0.00	24.82 0.49 0.00	20.31 0.29 -0.65	10.62 0.08 -3.16	6.64 0.02 -5.01	13.90 0.13 -2.22	6.50 0.00 -5.62	5.82 -0.02 -7.06	10.57 0.08 -6.39	10.67 0.04 -9.33	18.83 0.50 -1.62	24.77 0.70 -0.96	23.30 0.65 0.00	21.17 0.52 0.00	22.57 0.52 0.00
EUCLID___115KV_TB2 356179	21.04 -0.05 0.00	21.10 -0.07 0.00	16.49 -0.07 0.00	16.84 -0.11 0.00	15.35 -0.11 0.00	17.94 -0.06 0.00	24.90 -0.04 -0.18	19.20 -0.04 -1.11	22.04 -0.05 -0.27	25.95 -0.04 0.00	24.24 -0.09 0.00	19.54 -0.11 -0.29	8.72 -0.06 -1.41	3.83 -0.01 -2.23	12.43 -0.10 -0.99	3.37 -0.01 -2.51	1.94 0.01 -3.16	6.93 -0.03 -2.86	5.46 -0.02 -4.18	17.33 -0.10 -0.73	23.41 -0.13 -0.43	22.50 -0.14 0.00	20.49 -0.16 0.00	21.93 -0.12 0.00
E_CANADA_CAP_HY 24051	22.73 1.64 0.00	17.68 1.66 5.15	17.86 1.29 0.00	18.23 1.28 0.00	16.60 1.15 0.00	19.42 1.42 0.00	28.88 1.91 -2.20	33.79 1.42 -14.24	26.82 1.54 -3.46	27.58 1.88 0.29	26.07 1.79 0.06	24.36 1.24 -3.75	26.02 0.46 -18.19	30.52 0.09 -28.83	24.90 0.63 -12.73	33.06 0.06 -32.12	39.12 -0.08 -40.43	41.24 0.25 -36.89	55.16 0.11 -53.75	27.24 1.20 -9.34	30.26 1.60 -5.55	24.39 1.74 0.00	22.37 1.72 0.00	23.99 1.94 0.00
E_CANADA_MHWK_HY 24050	21.03 -0.06 0.00	21.06 -0.11 0.00	16.50 -0.06 0.00	16.90 -0.05 0.00	15.49 0.04 0.00	18.04 0.04 0.00	24.82 0.06 0.00	18.19 0.06 0.00	21.83 0.01 0.00	25.84 -0.16 0.00	24.24 -0.09 0.00	19.35 -0.02 0.00	7.35 -0.02 0.00	1.59 -0.01 0.00	11.42 -0.12 0.00	0.87 -0.02 0.00	-1.23 0.00 0.00	4.09 0.00 0.00	1.31 0.00 0.00	16.82 0.12 0.00	23.33 0.22 0.00	22.80 0.15 0.00	20.71 0.06 0.00	21.81 -0.24 0.00
E_FISHKILL___LBMP 23776	21.80 0.70 0.00	27.19 0.70 -5.31	17.18 0.62 0.00	17.56 0.62 0.00	16.05 0.60 0.00	18.73 0.73 0.00	27.71 1.03 -1.91	30.62 0.92 -11.56	25.79 1.14 -2.83	27.70 1.36 -0.35	25.78 1.38 -0.07	23.62 1.21 -3.05	22.61 0.47 -14.77	25.12 0.10 -23.41	22.70 0.77 -10.39	27.45 0.06 -26.51	32.18 -0.08 -33.49	34.33 0.28 -29.97	45.09 0.08 -43.71	25.30 1.00 -7.59	28.94 1.31 -4.51	23.92 1.28 0.00	21.67 1.02 0.00	22.90 0.85 0.00
FALCON___SEABRD_CC1 323796	21.13 0.03 0.00	21.23 0.07 0.00	16.45 -0.12 0.00	16.93 -0.02 0.00	15.45 0.00 0.00	17.81 -0.19 0.00	24.37 -0.39 0.00	17.69 -0.44 0.00	21.14 -0.68 0.00	24.98 -1.02 0.00	23.17 -1.16 0.00	5.64 -1.04 12.69	-7.24 -0.39 14.23	-9.81 -0.09 11.32	-21.24 -0.64 32.15	-21.20 -0.04 22.04	-12.50 0.07 11.34	3.88 -0.21 0.00	1.38 0.08 0.00	16.72 0.02 0.00	23.10 -0.01 0.00	22.84 0.19 0.00	20.77 0.11 0.00	22.18 0.13 0.00
FALCON___SEABRD_CC2 323797	21.13 0.03 0.00	21.23 0.07 0.00	16.45 -0.12 0.00	16.93 -0.02 0.00	15.45 0.00 0.00	17.81 -0.19 0.00	24.37 -0.39 0.00	17.69 -0.44 0.00	21.14 -0.68 0.00	24.98 -1.02 0.00	23.17 -1.16 0.00	5.64 -1.04 12.69	-7.24 -0.39 14.23	-9.81 -0.09 11.32	-21.24 -0.64 32.15	-21.20 -0.04 22.04	-12.50 0.07 11.34	3.88 -0.21 0.00	1.38 0.08 0.00	16.72 0.02 0.00	23.10 -0.01 0.00	22.84 0.19 0.00	20.77 0.11 0.00	22.18 0.13 0.00
FAR ROCKAWAY___4 23548	22.53 1.44 0.00	27.76 1.44 -5.15	17.75 1.19 0.00	18.10 1.15 0.00	16.58 1.12 0.00	19.38 1.38 0.00	28.51 1.88 -1.87	30.87 1.41 -11.32	26.45 1.85 -2.77	28.66 2.32 -0.34	26.73 2.33 -0.07	24.37 2.02 -2.99	22.59 0.75 -14.47	24.70 0.17 -22.93	22.94 1.23 -10.17	26.95 0.11 -25.96	31.44 -0.13 -32.80	33.88 0.43 -29.35	44.23 0.11 -42.81	25.74 1.60 -7.44	29.61 2.07 -4.42	24.76 2.12 0.00	22.42 1.77 0.00	23.68 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.08 0.99 0.00	27.29 0.97 -5.15	17.42 0.86 0.00	17.76 0.81 0.00	16.26 0.80 0.00	18.97 0.97 0.00	28.04 1.41 -1.87	30.62 1.16 -11.32	26.10 1.51 -2.77	28.20 1.87 -0.34	26.28 1.88 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.60 -4.42	24.24 1.59 0.00	21.92 1.27 0.00	23.14 1.09 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.09 1.00 0.00	27.30 0.98 -5.15	17.43 0.86 0.00	17.77 0.82 0.00	16.26 0.81 0.00	18.97 0.97 0.00	28.06 1.42 -1.87	30.63 1.17 -11.32	26.11 1.51 -2.77	28.21 1.87 -0.34	26.28 1.89 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.68 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.15 1.61 -4.42	24.25 1.60 0.00	21.93 1.28 0.00	23.16 1.10 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.07 0.98 0.00	27.28 0.96 -5.15	17.41 0.85 0.00	17.76 0.81 0.00	16.25 0.79 0.00	18.96 0.95 0.00	28.03 1.40 -1.87	30.61 1.15 -11.32	26.09 1.49 -2.77	28.18 1.85 -0.34	26.26 1.87 -0.07	23.96 1.62 -2.99	22.45 0.61 -14.47	24.67 0.14 -22.93	22.73 1.01 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.12 1.59 -4.42	24.22 1.58 0.00	21.91 1.26 0.00	23.13 1.08 0.00
FARRAGUT___LBMP 323566	22.06 0.96 0.00	27.27 0.95 -5.15	17.40 0.84 0.00	17.74 0.79 0.00	16.24 0.78 0.00	18.95 0.95 0.00	28.01 1.38 -1.87	30.59 1.14 -11.32	26.06 1.47 -2.77	28.15 1.82 -0.34	26.23 1.84 -0.07	23.94 1.59 -2.99	22.44 0.60 -14.47	24.67 0.14 -22.93	22.71 1.00 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.10 1.57 -4.42	24.21 1.56 0.00	21.89 1.24 0.00	23.11 1.06 0.00
FENNER___WINDPWR 24204	21.57 0.48 0.00	21.59 0.43 0.00	16.88 0.32 0.00	17.25 0.30 0.00	15.71 0.26 0.00	18.33 0.32 0.00	25.50 0.52 -0.22	19.86 0.34 -1.39	22.66 0.50 -0.34	26.60 0.61 0.00	24.82 0.49 0.00	20.04 0.31 -0.37	9.25 0.11 -1.77	4.44 0.03 -2.81	12.95 0.17 -1.24	4.04 0.01 -3.15	2.72 -0.02 -3.97	7.75 0.07 -3.59	6.56 0.02 -5.24	17.94 0.32 -0.91	24.09 0.43 -0.54	23.01 0.37 0.00	20.98 0.33 0.00	22.46 0.41 0.00
FIBERTEK___ENERGY 23856	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
FITZPATRICK____ 23598	20.71 -0.38 0.00	20.78 -0.39 0.00	16.24 -0.32 0.00	16.59 -0.35 0.00	15.13 -0.33 0.00	17.66 -0.34 0.00	24.45 -0.44 -0.13	18.61 -0.34 -0.81	21.61 -0.41 -0.20	25.51 -0.49 0.00	23.84 -0.49 0.00	19.15 -0.42 -0.21	8.24 -0.17 -1.04	3.21 -0.04 -1.64	11.99 -0.28 -0.73	2.70 -0.03 -1.84	1.13 0.03 -2.33	6.11 -0.09 -2.11	4.35 -0.04 -3.08	16.87 -0.37 -0.53	22.92 -0.51 -0.32	22.15 -0.49 0.00	20.19 -0.47 0.00	21.61 -0.45 0.00
FLOWRFLD_69_KV_BK1 356044	22.67 1.57 0.00	27.88 1.56 -5.15	17.88 1.32 0.00	18.21 1.27 0.00	16.69 1.23 0.00	19.56 1.56 0.00	28.68 2.05 -1.87	31.14 1.68 -11.32	26.75 2.15 -2.77	28.99 2.66 -0.34	26.96 2.56 -0.07	24.57 2.22 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.05 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.24 0.12 -42.81	25.97 1.83 -7.44	29.85 2.32 -4.42	24.88 2.23 0.00	22.63 1.98 0.00	23.71 1.66 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.03 0.94 0.00	26.02 0.94 -3.91	17.36 0.80 0.00	17.73 0.79 0.00	16.21 0.76 0.00	18.93 0.93 0.00	27.97 1.34 -1.87	30.72 1.19 -11.40	26.04 1.43 -2.79	27.97 1.71 -0.26	26.08 1.70 -0.05	23.83 1.47 -3.01	22.50 0.56 -14.56	24.82 0.13 -23.09	22.70 0.92 -10.23	27.04 0.08 -26.08	31.60 -0.10 -32.93	33.98 0.34 -29.55	44.50 0.10 -43.10	25.47 1.28 -7.49	29.25 1.69 -4.45	24.27 1.63 0.00	21.97 1.32 0.00	23.21 1.16 0.00
FORT ORANGE____ 23900	21.41 0.31 0.00	16.02 0.35 5.51	16.85 0.29 0.00	17.27 0.32 0.00	15.77 0.31 0.00	18.36 0.36 0.00	27.40 0.53 -2.11	32.35 0.53 -13.68	25.69 0.55 -3.32	26.22 0.54 0.32	24.80 0.53 0.06	23.44 0.47 -3.61	25.05 0.20 -17.48	29.35 0.04 -27.70	24.08 0.31 -12.23	31.75 0.03 -30.84	37.55 -0.03 -38.82	39.68 0.12 -35.46	53.11 0.04 -51.77	26.23 0.53 -8.99	29.21 0.75 -5.34	23.29 0.65 0.00	21.13 0.48 0.00	22.32 0.27 0.00
FORT_DRUM_COGEN 23780	21.75 0.66 0.00	21.77 0.61 0.00	17.00 0.43 0.00	17.39 0.44 0.00	15.78 0.32 0.00	18.34 0.34 0.00	25.32 0.44 -0.11	19.07 0.26 -0.68	22.43 0.44 -0.16	26.50 0.51 0.00	24.68 0.35 0.00	20.30 0.18 -0.75	8.86 -0.02 -1.51	3.46 -0.03 -1.88	13.42 -0.18 -2.06	3.40 -0.02 -2.53	1.26 0.03 -2.45	5.84 -0.01 -1.76	3.87 0.00 -2.56	17.04 -0.11 -0.45	23.15 -0.23 -0.26	22.37 -0.28 0.00	20.63 -0.03 0.00	22.16 0.11 0.00
FPL_FAR_ROCK_GT1 24212	22.54 1.44 0.00	27.76 1.43 -5.15	17.76 1.19 0.00	18.10 1.15 0.00	16.58 1.12 0.00	19.38 1.38 0.00	28.51 1.88 -1.87	30.88 1.42 -11.32	26.45 1.86 -2.77	28.66 2.33 -0.34	26.72 2.33 -0.07	24.37 2.03 -2.99	22.59 0.75 -14.47	24.70 0.17 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.44 -0.13 -32.80	33.88 0.43 -29.35	44.23 0.11 -42.82	25.74 1.60 -7.44	29.60 2.07 -4.42	24.76 2.12 0.00	22.42 1.76 0.00	23.68 1.62 0.00
FPL_FAR_ROCK_GT2 23815	22.54 1.44 0.00	27.76 1.43 -5.15	17.76 1.19 0.00	18.10 1.15 0.00	16.58 1.12 0.00	19.38 1.38 0.00	28.51 1.88 -1.87	30.88 1.42 -11.32	26.45 1.86 -2.77	28.66 2.33 -0.34	26.72 2.33 -0.07	24.37 2.03 -2.99	22.59 0.75 -14.47	24.70 0.17 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.44 -0.13 -32.80	33.88 0.43 -29.35	44.23 0.11 -42.82	25.74 1.60 -7.44	29.60 2.07 -4.42	24.76 2.12 0.00	22.42 1.76 0.00	23.68 1.62 0.00
FRANKLIN_FALL_HYD 24054	21.20 0.11 0.00	21.27 0.10 0.00	16.51 -0.06 0.00	16.99 0.04 0.00	15.48 0.03 0.00	17.86 -0.14 0.00	24.48 -0.29 0.00	17.76 -0.37 0.00	21.27 -0.55 0.00	25.24 -0.76 0.00	23.46 -0.87 0.00	28.91 -0.81 -10.36	16.68 -0.30 -9.61	9.19 -0.07 -7.65	32.77 -0.50 -21.72	15.74 -0.03 -14.89	6.48 0.05 -7.66	3.93 -0.16 0.00	1.35 0.05 0.00	16.62 -0.08 0.00	22.99 -0.13 0.00	22.65 0.01 0.00	20.69 0.04 0.00	22.20 0.15 0.00
FREEPORT_EQUS_GT1 23764	22.41 1.32 0.00	27.65 1.32 -5.15	17.67 1.11 0.00	18.01 1.06 0.00	16.49 1.03 0.00	19.30 1.30 0.00	28.36 1.72 -1.87	30.85 1.39 -11.32	26.37 1.77 -2.77	28.52 2.19 -0.34	26.53 2.13 -0.07	24.24 1.89 -2.99	22.55 0.71 -14.47	24.69 0.15 -22.93	22.87 1.15 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.86 0.42 -29.35	44.22 0.10 -42.82	25.69 1.55 -7.44	29.54 2.01 -4.42	24.62 1.98 0.00	22.32 1.66 0.00	23.51 1.45 0.00
FREEPORT___CT2 23818	22.41 1.32 0.00	27.65 1.32 -5.15	17.67 1.11 0.00	18.01 1.06 0.00	16.49 1.03 0.00	19.30 1.30 0.00	28.36 1.72 -1.87	30.85 1.39 -11.32	26.37 1.77 -2.77	28.52 2.19 -0.34	26.53 2.13 -0.07	24.24 1.89 -2.99	22.55 0.71 -14.47	24.69 0.15 -22.93	22.87 1.15 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.86 0.42 -29.35	44.22 0.10 -42.82	25.69 1.55 -7.44	29.54 2.01 -4.42	24.62 1.98 0.00	22.32 1.66 0.00	23.51 1.45 0.00



FRESHKLS_33_KV_LOAD 356253	22.20 1.11 0.00	27.40 1.08 -5.15	17.49 0.93 0.00	17.86 0.91 0.00	16.33 0.88 0.00	19.05 1.05 0.00	28.12 1.49 -1.87	30.52 1.18 -11.22	26.19 1.59 -2.78	28.17 1.83 -0.34	26.21 1.81 -0.07	23.17 1.55 -2.26	22.44 0.60 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.93 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.14 1.61 -4.42	24.33 1.69 0.00	21.98 1.33 0.00	23.19 1.13 0.00
FULTON COGEN____ 23766	21.56 0.47 0.00	21.60 0.43 0.00	16.88 0.32 0.00	17.24 0.29 0.00	15.71 0.26 0.00	18.38 0.38 0.00	25.54 0.60 -0.17	19.63 0.41 -1.09	22.57 0.48 -0.26	26.59 0.59 0.00	24.83 0.50 0.00	19.98 0.33 -0.29	8.87 0.10 -1.39	3.83 0.02 -2.20	12.65 0.12 -0.97	3.36 0.00 -2.47	1.88 -0.01 -3.12	6.98 0.06 -2.82	5.44 0.02 -4.12	17.73 0.31 -0.72	23.97 0.43 -0.43	23.02 0.38 0.00	20.98 0.32 0.00	22.46 0.40 0.00
FULTON____LFGE 323630	23.17 2.08 0.00	18.09 2.07 5.15	18.17 1.61 0.00	18.56 1.61 0.00	16.94 1.49 0.00	19.85 1.85 0.00	29.66 2.70 -2.20	34.15 1.78 -14.24	26.90 1.62 -3.46	27.76 2.06 0.29	26.21 1.94 0.06	24.41 1.29 -3.75	25.92 0.36 -18.19	30.50 0.06 -28.83	24.93 0.66 -12.73	33.02 0.02 -32.12	39.09 -0.11 -40.43	41.30 0.32 -36.89	55.20 0.15 -53.75	27.72 1.68 -9.34	30.91 2.25 -5.55	24.88 2.23 0.00	22.77 2.12 0.00	24.40 2.35 0.00
G.F.CEMENT____DRP 24184	22.38 1.29 0.00	16.02 1.28 6.43	17.57 1.01 0.00	18.05 1.11 0.00	16.50 1.05 0.00	19.28 1.28 0.00	28.86 1.93 -2.16	33.89 1.63 -14.12	27.12 1.88 -3.43	27.62 2.00 0.37	26.10 1.84 0.07	24.58 1.50 -3.72	26.00 0.58 -18.04	30.33 0.13 -28.59	25.05 0.89 -12.62	32.75 0.07 -31.80	38.69 -0.09 -40.01	41.01 0.33 -36.59	54.75 0.10 -53.34	27.29 1.32 -9.27	30.49 1.87 -5.51	24.33 1.68 0.00	22.14 1.49 0.00	23.34 1.29 0.00
GARDENVILLE____LBMP 24039	21.78 0.69 0.00	21.86 0.69 0.00	17.03 0.47 0.00	17.28 0.33 0.00	15.69 0.24 0.00	18.42 0.42 0.00	25.53 0.47 -0.29	20.20 0.22 -1.85	22.58 0.31 -0.44	26.48 0.48 0.00	24.51 0.19 0.00	19.92 0.08 -0.48	9.71 0.01 -2.32	5.30 0.01 -3.68	13.23 0.07 -1.61	4.95 -0.01 -4.08	3.98 -0.01 -5.22	8.82 0.00 -4.73	8.11 -0.09 -6.90	17.83 -0.07 -1.20	23.95 0.13 -0.71	22.97 0.33 0.00	20.95 0.30 0.00	22.58 0.53 0.00
GARDNVLA_35_KV_LD 355827	21.87 0.78 0.00	21.95 0.78 0.00	17.10 0.54 0.00	17.35 0.40 0.00	15.76 0.30 0.00	18.50 0.50 0.00	25.65 0.59 -0.30	20.30 0.32 -1.85	22.70 0.44 -0.44	26.62 0.62 0.00	24.65 0.32 0.00	20.02 0.18 -0.48	9.75 0.06 -2.32	5.31 0.02 -3.68	13.29 0.13 -1.61	4.95 -0.01 -4.07	3.97 -0.02 -5.22	8.84 0.02 -4.73	8.12 -0.08 -6.90	17.91 0.01 -1.20	24.07 0.25 -0.71	23.09 0.45 0.00	21.05 0.39 0.00	22.67 0.62 0.00
GELCKHM__115KV_LOAD 80723	21.16 0.07 0.00	21.22 0.05 0.00	16.59 0.02 0.00	16.93 -0.02 0.00	15.43 -0.02 0.00	18.05 0.05 0.00	25.07 0.12 -0.18	19.37 0.08 -1.16	22.19 0.08 -0.28	26.10 0.11 0.00	24.39 0.05 0.00	19.66 0.00 -0.31	8.84 -0.02 -1.48	3.95 0.00 -2.35	12.55 -0.04 -1.04	3.50 -0.01 -2.63	2.10 0.00 -3.32	7.10 0.00 -3.01	5.68 -0.01 -4.39	17.47 0.01 -0.76	23.58 0.01 -0.45	22.64 -0.01 0.00	20.62 -0.04 0.00	22.05 0.00 0.00
GENERAL____MILLS 23808	21.84 0.75 0.00	21.91 0.75 0.00	17.07 0.51 0.00	17.32 0.38 0.00	15.73 0.28 0.00	18.47 0.47 0.00	25.60 0.54 -0.30	20.26 0.28 -1.85	22.65 0.38 -0.44	26.56 0.56 0.00	24.60 0.27 0.00	19.98 0.14 -0.48	9.73 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.02 0.19 -0.71	23.04 0.40 0.00	21.01 0.36 0.00	22.64 0.58 0.00
GE_PLASTICS____DRP 24183	21.41 0.32 0.00	16.97 0.36 4.56	16.86 0.30 0.00	17.27 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.40 0.52 -2.12	32.35 0.51 -13.71	25.71 0.55 -3.33	26.31 0.57 0.26	24.86 0.58 0.05	23.49 0.51 -3.61	25.10 0.21 -17.51	29.41 0.05 -27.76	24.13 0.33 -12.26	31.86 0.03 -30.95	37.71 -0.04 -38.97	39.76 0.13 -35.54	53.21 0.04 -51.87	26.22 0.50 -9.01	29.18 0.71 -5.35	23.27 0.63 0.00	21.13 0.48 0.00	22.34 0.29 0.00
GILBOA____1 23756	21.55 0.46 0.00	21.63 0.47 0.00	16.96 0.39 0.00	17.34 0.40 0.00	15.84 0.38 0.00	18.46 0.46 0.00	27.12 0.66 -1.70	29.37 0.57 -10.66	25.10 0.67 -2.60	26.76 0.77 0.00	25.09 0.76 0.00	22.83 0.65 -2.81	21.26 0.26 -13.62	23.26 0.05 -21.59	21.51 0.41 -9.55	25.13 0.03 -24.21	29.25 -0.05 -30.52	31.86 0.14 -27.63	41.65 0.04 -40.31	24.25 0.54 -7.00	28.04 0.77 -4.16	23.39 0.74 0.00	21.24 0.59 0.00	22.52 0.47 0.00
GILBOA____2 23757	21.55 0.46 0.00	21.63 0.47 0.00	16.96 0.39 0.00	17.34 0.40 0.00	15.84 0.38 0.00	18.46 0.46 0.00	27.12 0.66 -1.70	29.37 0.57 -10.66	25.10 0.67 -2.60	26.76 0.77 0.00	25.09 0.76 0.00	22.83 0.65 -2.81	21.26 0.26 -13.62	23.26 0.05 -21.59	21.51 0.41 -9.55	25.13 0.03 -24.21	29.25 -0.05 -30.52	31.86 0.14 -27.63	41.65 0.04 -40.31	24.25 0.54 -7.00	28.04 0.77 -4.16	23.39 0.74 0.00	21.24 0.59 0.00	22.52 0.47 0.00
GILBOA____3 23758	21.55 0.46 0.00	21.63 0.47 0.00	16.96 0.39 0.00	17.34 0.40 0.00	15.84 0.38 0.00	18.46 0.46 0.00	27.12 0.66 -1.70	29.37 0.57 -10.66	25.10 0.67 -2.60	26.76 0.77 0.00	25.09 0.76 0.00	22.83 0.65 -2.81	21.26 0.26 -13.62	23.26 0.05 -21.59	21.51 0.41 -9.55	25.13 0.03 -24.21	29.25 -0.05 -30.52	31.86 0.14 -27.63	41.65 0.04 -40.31	24.25 0.54 -7.00	28.04 0.77 -4.16	23.39 0.74 0.00	21.24 0.59 0.00	22.52 0.47 0.00
GILBOA____4 23759	21.55 0.46 0.00	21.63 0.47 0.00	16.96 0.39 0.00	17.34 0.40 0.00	15.84 0.38 0.00	18.46 0.46 0.00	27.12 0.66 -1.70	29.37 0.57 -10.66	25.10 0.67 -2.60	26.76 0.77 0.00	25.09 0.76 0.00	22.83 0.65 -2.81	21.26 0.26 -13.62	23.26 0.05 -21.59	21.51 0.41 -9.55	25.13 0.03 -24.21	29.25 -0.05 -30.52	31.86 0.14 -27.63	41.65 0.04 -40.31	24.25 0.54 -7.00	28.04 0.77 -4.16	23.39 0.74 0.00	21.24 0.59 0.00	22.52 0.47 0.00
GILBOA____ 23599	21.55 0.46 0.00	21.63 0.46 0.00	16.96 0.40 0.00	17.35 0.40 0.00	15.84 0.38 0.00	18.46 0.46 0.00	27.12 0.66 -1.70	29.37 0.57 -10.66	25.09 0.67 -2.60	26.76 0.77 0.00	25.09 0.76 0.00	22.82 0.65 -2.81	21.26 0.26 -13.62	23.26 0.05 -21.59	21.51 0.41 -9.55	25.13 0.03 -24.21	29.25 -0.05 -30.52	31.86 0.14 -27.63	41.65 0.04 -40.31	24.25 0.54 -7.00	28.05 0.77 -4.16	23.39 0.74 0.00	21.24 0.59 0.00	22.52 0.47 0.00
GINNA____ 23603	20.45 -0.64 0.00	20.55 -0.62 0.00	16.03 -0.53 0.00	16.33 -0.62 0.00	14.87 -0.59 0.00	17.43 -0.57 0.00	24.21 -0.78 -0.22	18.90 -0.63 -1.40	21.37 -0.79 -0.34	25.08 -0.91 0.00	23.38 -0.95 0.00	18.92 -0.81 -0.37	8.84 -0.31 -1.78	4.36 -0.06 -2.81	12.29 -0.49 -1.24	3.99 -0.05 -3.16	2.83 0.05 -4.01	7.55 -0.18 -3.63	6.51 -0.09 -5.30	16.95 -0.68 -0.92	22.79 -0.87 -0.55	21.82 -0.83 0.00	19.86 -0.79 0.00	21.28 -0.77 0.00

GLEN PARK____ 23778	21.88 0.79 0.00	21.90 0.73 0.00	17.10 0.54 0.00	17.49 0.54 0.00	15.87 0.41 0.00	18.46 0.46 0.00	25.52 0.65 -0.11	19.23 0.39 -0.70	22.60 0.61 -0.17	26.72 0.72 0.00	24.89 0.56 0.00	20.43 0.34 -0.73	8.91 0.02 -1.51	3.49 -0.03 -1.91	13.44 -0.11 -2.01	3.41 -0.01 -2.54	1.29 0.03 -2.50	5.93 0.01 -1.82	3.97 0.01 -2.66	17.21 0.04 -0.46	23.36 -0.03 -0.27	22.56 -0.09 0.00	20.78 0.13 0.00	22.30 0.25 0.00
GLENDALDE_27_KV_LOAD 356172	22.21 1.12 0.00	27.41 1.09 -5.15	17.50 0.94 0.00	17.84 0.89 0.00	16.33 0.88 0.00	19.05 1.06 0.00	28.17 1.53 -1.87	30.74 1.28 -11.32	26.25 1.65 -2.78	28.38 2.04 -0.34	26.44 2.04 -0.07	122.13 1.75 -101.02	22.51 0.66 -14.47	24.69 0.15 -22.93	22.81 1.09 -10.17	26.93 0.09 -25.96	31.45 -0.11 -32.79	33.82 0.38 -29.34	44.21 0.10 -42.81	25.48 1.34 -7.44	29.28 1.75 -4.42	24.40 1.75 0.00	22.05 1.40 0.00	23.26 1.21 0.00
GLENWOOD_IC_1_G5 23712	22.22 1.13 0.00	27.45 1.12 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.36 0.90 0.00	19.11 1.12 0.00	28.17 1.54 -1.87	30.71 1.25 -11.32	26.20 1.61 -2.77	28.33 2.00 -0.34	26.40 2.00 -0.07	24.09 1.74 -2.99	22.50 0.66 -14.47	24.69 0.15 -22.93	22.80 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.81	25.44 1.29 -7.44	29.19 1.66 -4.42	24.29 1.64 0.00	22.11 1.46 0.00	23.33 1.28 0.00
GLENWOOD_IC_2_G1 23688	22.12 1.03 0.00	27.35 1.03 -5.15	17.45 0.88 0.00	17.79 0.85 0.00	16.28 0.83 0.00	19.02 1.02 0.00	28.05 1.42 -1.87	30.64 1.18 -11.32	26.10 1.51 -2.77	28.19 1.86 -0.34	26.26 1.87 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.68 0.14 -22.93	22.72 1.01 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.80	33.81 0.36 -29.35	44.21 0.09 -42.82	25.44 1.30 -7.44	29.22 1.68 -4.42	24.30 1.66 0.00	22.00 1.35 0.00	23.22 1.17 0.00
GLENWOOD_IC_3_G1 23689	22.12 1.03 0.00	27.35 1.03 -5.15	17.45 0.88 0.00	17.79 0.85 0.00	16.28 0.83 0.00	19.02 1.02 0.00	28.05 1.42 -1.87	30.64 1.18 -11.32	26.10 1.51 -2.77	28.19 1.86 -0.34	26.26 1.87 -0.07	23.98 1.63 -2.99	22.46 0.62 -14.47	24.68 0.14 -22.93	22.72 1.01 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.80	33.81 0.36 -29.35	44.21 0.09 -42.82	25.44 1.30 -7.44	29.22 1.68 -4.42	24.30 1.66 0.00	22.00 1.35 0.00	23.22 1.17 0.00
GLENWOOD____4 23550	22.22 1.13 0.00	27.45 1.12 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.36 0.90 0.00	19.11 1.12 0.00	28.17 1.54 -1.87	30.71 1.25 -11.32	26.20 1.61 -2.77	28.33 2.00 -0.34	26.40 2.00 -0.07	24.09 1.74 -2.99	22.50 0.66 -14.47	24.69 0.15 -22.93	22.80 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.81	25.48 1.34 -7.44	29.26 1.72 -4.42	24.34 1.70 0.00	22.11 1.46 0.00	23.33 1.28 0.00
GLENWOOD____5 23614	22.22 1.13 0.00	27.45 1.12 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.36 0.90 0.00	19.11 1.12 0.00	28.17 1.54 -1.87	30.71 1.25 -11.32	26.20 1.61 -2.77	28.33 2.00 -0.34	26.40 2.00 -0.07	24.09 1.74 -2.99	22.50 0.66 -14.47	24.69 0.15 -22.93	22.80 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.81	25.48 1.34 -7.44	29.26 1.72 -4.42	24.34 1.70 0.00	22.11 1.46 0.00	23.33 1.28 0.00
GLOBAL GREEN_PORT_GT1 23814	23.32 2.23 0.00	28.54 2.22 -5.15	18.40 1.84 0.00	18.74 1.80 0.00	17.18 1.73 0.00	20.15 2.15 0.00	29.51 2.87 -1.87	31.93 2.47 -11.32	27.64 3.05 -2.77	30.00 3.67 -0.34	27.93 3.54 -0.07	25.37 3.03 -2.99	22.97 1.13 -14.47	24.78 0.24 -22.93	23.54 1.83 -10.17	27.00 0.16 -25.96	31.37 -0.20 -32.80	34.15 0.71 -29.35	44.30 0.18 -42.82	26.79 2.64 -7.44	30.95 3.42 -4.42	25.93 3.28 0.00	23.46 2.81 0.00	24.45 2.39 0.00
GLOBE____DSASP 323697	21.36 0.27 0.00	21.51 0.34 0.00	16.76 0.20 0.00	17.02 0.07 0.00	15.43 -0.02 0.00	18.12 0.12 0.00	24.99 -0.05 -0.28	19.48 -0.37 -1.73	21.76 -0.48 -0.42	25.47 -0.52 0.00	23.65 -0.68 0.00	19.27 -0.55 -0.45	9.33 -0.22 -2.18	5.02 -0.04 -3.45	12.74 -0.32 -1.51	4.67 -0.03 -3.82	3.69 0.03 -4.89	8.36 -0.16 -4.43	7.61 -0.15 -6.46	17.11 -0.71 -1.12	23.04 -0.74 -0.67	22.13 -0.52 0.00	20.26 -0.39 0.00	22.05 0.00 0.00
GOETHSLN____LBMP 323567	21.98 0.88 0.00	27.19 0.87 -5.15	17.35 0.79 0.00	17.68 0.74 0.00	16.18 0.73 0.00	18.85 0.85 0.00	27.88 1.24 -1.87	30.36 1.01 -11.21	25.91 1.32 -2.77	27.98 1.65 -0.34	26.08 1.68 -0.07	23.82 1.47 -2.99	22.40 0.56 -14.47	24.66 0.13 -22.93	22.65 0.94 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.77 0.33 -29.34	44.19 0.08 -42.81	25.23 1.09 -7.44	28.94 1.41 -4.42	24.05 1.40 0.00	21.75 1.10 0.00	23.00 0.94 0.00
GOLAH____69_KV_TB 1_2 80279	22.05 0.96 0.00	22.15 0.98 0.00	17.26 0.70 0.00	17.56 0.61 0.00	15.94 0.48 0.00	18.78 0.78 0.00	26.08 1.07 -0.24	20.59 0.96 -1.50	23.35 1.17 -0.36	27.29 1.29 0.00	25.24 0.91 0.00	20.39 0.64 -0.39	9.50 0.22 -1.90	4.67 0.05 -3.01	13.07 0.22 -1.31	4.17 0.00 -3.29	2.94 -0.02 -4.19	7.94 0.05 -3.79	6.80 -0.04 -5.53	17.91 0.25 -0.96	24.15 0.46 -0.57	23.17 0.52 0.00	21.09 0.43 0.00	22.57 0.52 0.00
GOODYEAR_LAKE_HYD 323669	21.79 0.70 0.00	21.86 0.69 0.00	17.12 0.55 0.00	17.49 0.54 0.00	15.97 0.51 0.00	18.63 0.63 0.00	26.55 0.97 -0.82	24.01 0.72 -5.15	23.96 0.88 -1.26	27.07 1.08 0.00	25.33 1.00 0.00	21.52 0.80 -1.36	14.26 0.30 -6.59	12.12 0.06 -10.44	16.64 0.48 -4.62	12.63 0.04 -11.71	13.47 -0.05 -14.75	17.62 0.17 -13.35	20.83 0.06 -19.47	20.83 0.74 -3.38	26.13 1.01 -2.01	23.59 0.95 0.00	21.40 0.75 0.00	22.74 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.56 0.47 0.00	21.56 0.40 0.00	16.87 0.30 0.00	17.20 0.25 0.00	15.69 0.23 0.00	18.32 0.32 0.00	25.83 0.51 -0.55	22.00 0.40 -3.47	23.15 0.48 -0.85	26.61 0.61 0.00	24.77 0.44 0.00	20.57 0.29 -0.92	11.91 0.09 -4.44	8.67 0.02 -7.04	14.85 0.19 -3.11	8.78 0.01 -7.89	8.67 -0.02 -9.92	13.15 0.08 -8.98	14.42 0.02 -13.10	19.31 0.33 -2.28	24.96 0.49 -1.35	23.16 0.51 0.00	21.03 0.38 0.00	22.46 0.40 0.00
GOUDEY____7 23579	21.57 0.48 0.00	21.57 0.41 0.00	16.87 0.31 0.00	17.21 0.26 0.00	15.70 0.25 0.00	18.34 0.33 0.00	25.85 0.53 -0.55	22.02 0.42 -3.47	23.17 0.50 -0.85	26.63 0.64 0.00	24.79 0.46 0.00	20.59 0.31 -0.92	11.92 0.10 -4.44	8.68 0.03 -7.04	14.85 0.20 -3.11	8.79 0.01 -7.89	8.67 -0.02 -9.92	13.16 0.09 -8.98	14.43 0.03 -13.10	19.32 0.34 -2.28	24.98 0.51 -1.35	23.17 0.52 0.00	21.05 0.40 0.00	22.48 0.42 0.00
GOUDEY____8 23580	21.56 0.47 0.00	21.56 0.40 0.00	16.87 0.30 0.00	17.20 0.25 0.00	15.69 0.23 0.00	18.32 0.32 0.00	25.83 0.51 -0.55	22.00 0.40 -3.47	23.15 0.48 -0.85	26.61 0.61 0.00	24.77 0.44 0.00	20.57 0.29 -0.92	11.91 0.09 -4.44	8.67 0.02 -7.04	14.85 0.19 -3.11	8.78 0.01 -7.89	8.67 -0.02 -9.92	13.15 0.08 -8.98	14.42 0.02 -13.10	19.31 0.33 -2.28	24.96 0.49 -1.35	23.16 0.51 0.00	21.03 0.38 0.00	22.46 0.40 0.00

GOWANUS_GT1_1 24077	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_2 24078	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_3 24079	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_4 24080	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_5 24084	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_6 24111	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_7 24112	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.22 1.58 -1.87	30.72 1.26 -11.32	26.26 1.66 -2.78	28.34 2.00 -0.34	26.38 1.98 -0.07	186.70 1.65 -165.68	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT1_8 24113	22.25 1.16 0.00</																							

GOWANUS_GT2_8 24121	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_1 24122	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_2 24123	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_3 24124	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_4 24125	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_5 24126	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_6 24127	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT3_7 24128	22.25 1.16 0.00																							

GOWANUS_GT4_7 24136	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.96 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.16 1.52 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.16 1.82 -0.34	26.19 1.79 -0.07	57.38 1.62 -36.40	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GOWANUS_GT4_8 24137	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.96 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.16 1.52 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.16 1.82 -0.34	26.19 1.79 -0.07	57.38 1.62 -36.40	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GREENBSH_115KV_TB3 55895	21.29 0.19 0.00	15.59 0.24 5.83	16.77 0.20 0.00	17.18 0.24 0.00	15.69 0.23 0.00	18.26 0.26 0.00	27.25 0.38 -2.11	32.30 0.42 -13.75	25.59 0.43 -3.34	26.08 0.42 0.34	24.71 0.45 0.07	23.39 0.41 -3.62	25.11 0.17 -17.56	29.48 0.04 -27.83	24.10 0.27 -12.29	31.88 0.03 -30.97	37.72 -0.03 -38.98	39.83 0.10 -35.63	53.35 0.03 -52.01	26.16 0.42 -9.04	29.08 0.60 -5.37	23.15 0.50 0.00	21.00 0.35 0.00	22.19 0.14 0.00
GREENDGE_115KV_TB5 80291	21.61 0.52 0.00	21.61 0.44 0.00	16.85 0.29 0.00	17.16 0.21 0.00	15.66 0.21 0.00	18.34 0.34 0.00	25.63 0.51 -0.35	20.71 0.39 -2.19	22.81 0.45 -0.53	26.51 0.52 0.00	24.59 0.26 0.00	20.04 0.10 -0.58	10.17 0.00 -2.80	6.04 0.00 -4.43	13.54 0.04 -1.96	5.84 0.00 -4.96	5.01 -0.01 -6.25	9.79 0.04 -5.65	9.57 0.02 -8.25	18.46 0.32 -1.43	24.50 0.53 -0.85	23.17 0.52 0.00	21.03 0.37 0.00	22.52 0.47 0.00
GREENIDGE___3 23582	21.61 0.52 0.00	21.61 0.44 0.00	16.85 0.29 0.00	17.16 0.21 0.00	15.66 0.21 0.00	18.34 0.34 0.00	25.63 0.51 -0.35	20.71 0.39 -2.19	22.81 0.45 -0.53	26.51 0.52 0.00	24.59 0.26 0.00	20.04 0.10 -0.58	10.17 0.00 -2.80	6.04 0.00 -4.43	13.54 0.04 -1.96	5.84 0.00 -4.96	5.01 -0.01 -6.25	9.79 0.04 -5.65	9.57 0.02 -8.25	18.46 0.32 -1.43	24.50 0.53 -0.85	23.17 0.52 0.00	21.03 0.37 0.00	22.52 0.47 0.00
GREENIDGE___4 23583	21.61 0.52 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.16 0.21 0.00	15.66 0.21 0.00	18.34 0.33 0.00	25.64 0.52 -0.35	20.70 0.39 -2.19	22.80 0.45 -0.53	26.51 0.52 0.00	24.60 0.27 0.00	20.04 0.10 -0.58	10.17 0.00 -2.80	6.04 0.00 -4.43	13.54 0.04 -1.96	5.84 0.00 -4.96	5.01 -0.01 -6.25	9.79 0.04 -5.65	9.57 0.02 -8.25	18.46 0.33 -1.43	24.50 0.53 -0.85	23.17 0.52 0.00	21.03 0.38 0.00	22.52 0.47 0.00
GREENLWN_69_KV_BK 3 55738	22.27 1.18 0.00	27.51 1.19 -5.15	17.58 1.01 0.00	17.92 0.97 0.00	16.41 0.95 0.00	19.21 1.21 0.00	28.19 1.56 -1.87	30.67 1.22 -11.32	26.19 1.59 -2.77	28.35 2.02 -0.34	26.35 1.95 -0.07	24.08 1.74 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.94 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.81	25.56 1.41 -7.44	29.31 1.78 -4.42	24.36 1.72 0.00	22.12 1.46 0.00	23.32 1.27 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.96 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.16 1.52 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.16 1.82 -0.34	26.19 1.79 -0.07	57.38 1.62 -36.40	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
GRISSOM___SOLAR 323813	23.17 2.08 0.00	18.09 2.07 5.15	18.17 1.61 0.00	18.56 1.61 0.00	16.94 1.49 0.00	19.85 1.85 0.00	29.66 2.70 -2.20	34.15 1.78 -14.24	26.90 1.62 -3.46	27.76 2.06 0.29	26.21 1.94 0.06	24.41 1.29 -3.75	25.92 0.36 -18.19	30.50 0.06 -28.83	24.93 0.66 -12.73	33.02 0.02 -32.12	39.09 -0.11 -40.43	41.30 0.32 -36.89	55.20 0.15 -53.75	27.72 1.68 -9.34	30.91 2.25 -5.55	24.88 2.23 0.00	22.77 2.12 0.00	24.40 2.35 0.00
GROVEVILLE___HYD 323602	22.03 0.94 0.00	26.02 0.94 -3.91	17.36 0.80 0.00	17.73 0.79 0.00	16.21 0.76 0.00	18.93 0.93 0.00	27.97 1.34 -1.87	30.72 1.19 -11.40	26.04 1.43 -2.79	27.97 1.71 -0.26	26.08 1.70 -0.05	23.83 1.47 -3.01	22.50 0.56 -14.56	24.82 0.13 -23.09	22.70 0.92 -10.23	27.04 0.08 -26.08	31.60 -0.10 -32.93	33.98 0.34 -29.55	44.50 0.10 -43.10	25.47 1.28 -7.49	29.25 1.69 -4.45	24.27 1.63 0.00	21.97 1.32 0.00	23.21 1.16 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
HAMLTNNY_34_KV_TB 80303	21.35 0.25 0.00	21.40 0.23 0.00	16.73 0.16 0.00	17.05 0.10 0.00	15.57 0.11 0.00	18.22 0.22 0.00	25.35 0.37 -0.21	19.73 0.26 -1.33	22.45 0.30 -0.32	26.35 0.36 0.00	24.60 0.27 0.00	19.87 0.16 -0.35	9.12 0.05 -1.70	4.31 0.01 -2.70	12.80 0.06 -1.19	3.90 0.00 -3.02	2.58 -0.01 -3.81	7.58 0.04 -3.45	6.34 0.01 -5.03	17.80 0.22 -0.87	23.91 0.27 -0.52	22.92 0.27 0.00	20.84 0.18 0.00	22.23 0.17 0.00
HAMPSHIRE___PAPER_HYD 323593	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.87 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.43 0.00	23.83 -0.50 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
HARDSCRABBLE_WT_PWR 323673	21.04 -0.05 0.00	21.07 -0.10 0.00	16.52 -0.05 0.00	16.90 -0.05 0.00	15.49 0.04 0.00	18.04 0.03 0.00	24.73 -0.03 0.00	18.07 -0.06 0.00	21.69 -0.14 0.00	25.69 -0.31 0.00	24.12 -0.22 0.00	19.23 -0.13 0.00	7.31 -0.06 0.00	1.58 -0.03 0.00	11.35 -0.19 0.00	0.86 -0.02 0.00	-1.22 0.01 0.00	4.07 -0.02 0.00	1.31 0.00 0.00	16.71 0.01 0.00	23.18 0.07 0.00	22.69 0.04 0.00	20.69 0.04 0.00	21.85 -0.20 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.91 0.82 0.00	26.33 0.81 -4.34	17.27 0.71 0.00	17.62 0.68 0.00	16.10 0.65 0.00	18.81 0.81 0.00	27.68 1.18 -1.74	29.68 1.01 -10.54	25.64 1.24 -2.58	27.79 1.51 -0.29	25.90 1.52 -0.06	23.44 1.30 -2.78	21.34 0.51 -13.46	23.06 0.11 -21.34	21.85 0.84 -9.46	25.09 0.07 -24.14	29.17 -0.09 -30.49	31.71 0.31 -27.31	41.22 0.08 -39.84	24.75 1.12 -6.92	28.69 1.46 -4.11	24.07 1.43 0.00	21.79 1.14 0.00	23.06 1.00 0.00

HARSNRAD_115KV_TB1 81005	21.59 0.50 0.00	21.72 0.56 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.58 0.13 0.00	18.31 0.31 0.00	25.30 0.27 -0.28	19.90 0.03 -1.74	22.32 0.08 -0.42	26.12 0.12 0.00	24.22 -0.11 0.00	19.69 -0.13 -0.45	9.51 -0.06 -2.19	5.07 -0.01 -3.47	12.99 -0.07 -1.51	4.65 -0.01 -3.79	3.61 0.00 -4.84	8.41 -0.06 -4.38	7.58 -0.11 -6.39	17.51 -0.31 -1.11	23.60 -0.18 -0.66	22.66 0.01 0.00	20.71 0.06 0.00	22.34 0.28 0.00
HARZA MOOSE__RIVER 24016	21.53 0.44 0.00	21.59 0.42 0.00	16.86 0.30 0.00	17.26 0.31 0.00	15.70 0.24 0.00	18.26 0.26 0.00	25.16 0.33 -0.07	18.76 0.19 -0.44	22.26 0.33 -0.11	26.36 0.37 0.00	24.57 0.24 0.00	19.98 0.11 -0.51	8.40 0.02 -1.00	2.84 0.00 -1.24	12.90 -0.03 -1.38	2.56 0.00 -1.68	0.39 0.01 -1.61	5.24 0.01 -1.14	2.96 0.00 -1.66	16.96 -0.03 -0.29	23.16 -0.12 -0.17	22.50 -0.15 0.00	20.69 0.04 0.00	22.19 0.14 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.12 0.03 0.00	21.18 0.01 0.00	16.56 -0.01 0.00	16.90 -0.04 0.00	15.41 -0.05 0.00	18.02 0.02 0.00	25.02 0.07 -0.19	19.35 0.06 -1.17	22.17 0.07 -0.28	26.10 0.10 0.00	24.37 0.04 0.00	19.65 -0.02 -0.31	8.83 -0.03 -1.49	3.96 0.00 -2.36	12.54 -0.04 -1.04	3.52 -0.01 -2.64	2.11 0.00 -3.34	7.11 -0.01 -3.02	5.70 -0.01 -4.41	17.46 -0.01 -0.76	23.57 0.00 -0.45	22.62 -0.02 0.00	20.60 -0.06 0.00	22.02 -0.03 0.00
HELLGATE_13_KV_LD 55870	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.29 0.83 0.00	19.00 1.00 0.00	28.07 1.44 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.10 -42.81	25.40 1.26 -7.44	29.17 1.63 -4.42	24.28 1.64 0.00	21.96 1.30 0.00	23.18 1.12 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.89 0.00	17.79 0.84 0.00	16.29 0.83 0.00	19.00 1.00 0.00	28.07 1.44 -1.87	30.66 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.10 -42.81	25.40 1.26 -7.44	29.17 1.63 -4.42	24.28 1.64 0.00	21.96 1.30 0.00	23.18 1.12 0.00
HEMPSTEAD____ 23647	22.22 1.12 0.00	27.45 1.13 -5.15	17.52 0.95 0.00	17.86 0.91 0.00	16.35 0.90 0.00	19.12 1.13 0.00	28.14 1.51 -1.87	30.70 1.24 -11.32	26.19 1.60 -2.77	28.32 1.99 -0.34	26.35 1.96 -0.07	24.08 1.73 -2.99	22.49 0.65 -14.47	24.68 0.14 -22.93	22.78 1.06 -10.17	26.94 0.09 -25.96	31.46 -0.12 -32.80	33.83 0.38 -29.35	44.21 0.09 -42.82	25.51 1.37 -7.44	29.29 1.76 -4.42	24.39 1.74 0.00	22.11 1.46 0.00	23.30 1.25 0.00
HEWLETT__69_KV_BK3 55828	22.45 1.36 0.00	27.68 1.35 -5.15	17.69 1.12 0.00	18.03 1.08 0.00	16.52 1.06 0.00	19.31 1.31 0.00	28.41 1.77 -1.87	30.81 1.35 -11.32	26.36 1.76 -2.77	28.54 2.20 -0.34	26.61 2.21 -0.07	24.28 1.93 -2.99	22.56 0.71 -14.47	24.70 0.16 -22.93	22.88 1.16 -10.17	26.94 0.10 -25.96	31.44 -0.12 -32.80	33.86 0.42 -29.35	44.22 0.11 -42.81	25.68 1.54 -7.44	29.52 1.99 -4.42	24.64 1.99 0.00	22.32 1.67 0.00	23.57 1.52 0.00
HICKLING__1 23621	21.68 0.58 0.00	21.60 0.44 0.00	16.85 0.28 0.00	17.13 0.19 0.00	15.65 0.20 0.00	18.30 0.30 0.00	25.68 0.48 -0.43	21.29 0.43 -2.73	23.01 0.51 -0.67	26.73 0.73 0.00	24.70 0.37 0.00	20.26 0.18 -0.72	10.91 0.02 -3.51	7.18 0.01 -5.56	14.13 0.12 -2.46	7.11 0.01 -6.22	6.55 -0.02 -7.80	11.23 0.07 -7.06	11.63 0.03 -10.30	18.82 0.33 -1.79	24.76 0.58 -1.06	23.31 0.66 0.00	21.09 0.44 0.00	22.58 0.53 0.00
HICKLING__2 23622	21.68 0.58 0.00	21.60 0.44 0.00	16.85 0.28 0.00	17.13 0.19 0.00	15.65 0.20 0.00	18.30 0.30 0.00	25.68 0.48 -0.43	21.29 0.43 -2.73	23.01 0.51 -0.67	26.73 0.73 0.00	24.70 0.37 0.00	20.26 0.18 -0.72	10.91 0.02 -3.51	7.18 0.01 -5.56	14.13 0.12 -2.46	7.11 0.01 -6.22	6.55 -0.02 -7.80	11.23 0.07 -7.06	11.63 0.03 -10.30	18.82 0.33 -1.79	24.76 0.58 -1.06	23.31 0.66 0.00	21.09 0.44 0.00	22.58 0.53 0.00
HIGH FALLS__HY 23754	21.95 0.86 0.00	24.09 0.83 -2.09	17.29 0.72 0.00	17.63 0.68 0.00	16.12 0.66 0.00	18.83 0.84 0.00	27.76 1.22 -1.78	30.11 1.00 -10.98	25.73 1.23 -2.68	27.55 1.43 -0.13	25.75 1.40 -0.02	23.45 1.20 -2.89	21.81 0.41 -14.03	23.92 0.09 -22.23	22.07 0.68 -9.84	25.96 0.06 -25.02	30.26 -0.07 -31.57	32.81 0.27 -28.45	42.89 0.08 -41.51	24.96 1.05 -7.21	28.89 1.49 -4.28	24.09 1.44 0.00	21.82 1.17 0.00	23.14 1.08 0.00
HILLBURN__GT 23639	21.88 0.79 0.00	26.48 0.80 -4.52	17.27 0.71 0.00	17.61 0.66 0.00	16.10 0.64 0.00	18.79 0.79 0.00	27.70 1.16 -1.77	29.85 0.97 -10.74	25.66 1.21 -2.63	27.80 1.50 -0.31	25.91 1.52 -0.06	23.52 1.32 -2.83	21.61 0.51 -13.72	23.47 0.12 -21.75	22.03 0.84 -9.65	25.56 0.07 -24.61	29.77 -0.09 -31.09	32.23 0.30 -27.84	41.99 0.08 -40.61	24.83 1.07 -7.06	28.68 1.38 -4.19	24.00 1.35 0.00	21.74 1.09 0.00	23.03 0.98 0.00
HILLSIDE_115KV_TB1 80332	21.40 0.31 0.00	21.29 0.12 0.00	16.63 0.07 0.00	16.91 -0.04 0.00	15.44 -0.01 0.00	18.04 0.04 0.00	25.34 0.13 -0.45	21.11 0.16 -2.82	22.69 0.18 -0.69	26.37 0.37 0.00	24.37 0.04 0.00	20.03 -0.08 -0.75	10.93 -0.07 -3.63	7.34 -0.01 -5.75	14.08 -0.01 -2.54	7.31 0.00 -6.43	6.83 0.00 -8.06	11.41 0.02 -7.29	11.95 0.01 -10.64	18.58 0.03 -1.85	24.36 0.15 -1.10	22.91 0.27 0.00	20.76 0.11 0.00	22.25 0.20 0.00
HISHELDN_WT_PWR 323625	21.63 0.53 0.00	21.70 0.53 0.00	16.90 0.34 0.00	17.15 0.20 0.00	15.61 0.15 0.00	18.30 0.30 0.00	25.41 0.33 -0.32	20.24 0.13 -1.98	22.49 0.19 -0.48	26.31 0.31 0.00	24.37 0.04 0.00	19.81 -0.06 -0.52	9.83 -0.05 -2.51	5.58 0.00 -3.98	13.26 -0.03 -1.75	5.29 -0.01 -4.42	4.39 0.00 -5.63	9.16 -0.03 -5.10	8.66 -0.07 -7.43	17.92 -0.07 -1.29	24.01 0.13 -0.77	22.92 0.27 0.00	20.88 0.22 0.00	22.48 0.43 0.00
HOLTSVILLE_IC_1 23690	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.47 -29.35	44.24 0.12 -42.82	25.86 1.71 -7.44	29.70 2.17 -4.42	24.74 2.10 0.00	22.49 1.84 0.00	23.62 1.57 0.00
HOLTSVILLE_IC_10 23699	22.73 1.64 0.00	27.94 1.62 -5.15	17.94 1.37 0.00	18.27 1.32 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.72 2.08 -1.87	31.19 1.73 -11.32	26.75 2.15 -2.77	28.93 2.60 -0.34	26.94 2.54 -0.07	24.57 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.04 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.25 0.13 -42.82	26.00 1.86 -7.44	29.90 2.37 -4.42	24.92 2.27 0.00	22.65 2.00 0.00	23.75 1.69 0.00

HOLTSVILLE_IC_2 23691	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.47 -29.35	44.24 0.12 -42.82	25.86 1.71 -7.44	29.70 2.17 -4.42	24.74 2.10 0.00	22.49 1.84 0.00	23.62 1.57 0.00
HOLTSVILLE_IC_3 23692	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.47 -29.35	44.24 0.12 -42.82	25.86 1.71 -7.44	29.70 2.17 -4.42	24.74 2.10 0.00	22.49 1.84 0.00	23.62 1.57 0.00
HOLTSVILLE_IC_4 23693	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.47 -29.35	44.24 0.12 -42.82	25.86 1.71 -7.44	29.70 2.17 -4.42	24.74 2.10 0.00	22.49 1.84 0.00	23.62 1.57 0.00
HOLTSVILLE_IC_5 23694	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.47 -29.35	44.24 0.12 -42.82	25.86 1.71 -7.44	29.70 2.17 -4.42	24.74 2.10 0.00	22.49 1.84 0.00	23.62 1.57 0.00
HOLTSVILLE_IC_6 23695	22.73 1.64 0.00	27.94 1.62 -5.15	17.94 1.37 0.00	18.27 1.32 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.72 2.08 -1.87	31.19 1.73 -11.32	26.75 2.15 -2.77	28.93 2.60 -0.34	26.94 2.54 -0.07	24.57 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.04 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.25 0.13 -42.82	26.00 1.86 -7.44	29.90 2.37 -4.42	24.92 2.27 0.00	22.65 2.00 0.00	23.75 1.69 0.00
HOLTSVILLE_IC_7 23696	22.73 1.64 0.00	27.94 1.62 -5.15	17.94 1.37 0.00	18.27 1.32 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.72 2.08 -1.87	31.19 1.73 -11.32	26.75 2.15 -2.77	28.93 2.60 -0.34	26.94 2.54 -0.07	24.57 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.04 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.25 0.13 -42.82	26.00 1.86 -7.44	29.90 2.37 -4.42	24.92 2.27 0.00	22.65 2.00 0.00	23.75 1.69 0.00
HOLTSVILLE_IC_8 23697	22.73 1.64 0.00	27.94 1.62 -5.15	17.94 1.37 0.00	18.27 1.32 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.72 2.08 -1.87	31.19 1.73 -11.32	26.75 2.15 -2.77	28.93 2.60 -0.34	26.94 2.54 -0.07	24.57 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.04 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.25 0.13 -42.82	26.00 1.86 -7.44	29.90 2.37 -4.42	24.92 2.27 0.00	22.65 2.00 0.00	23.75 1.69 0.00
HOLTSVILLE_IC_9 23698	22.73 1.64 0.00	27.94 1.62 -5.15	17.94 1.37 0.00	18.27 1.32 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.72 2.08 -1.87	31.19 1.73 -11.32	26.75 2.15 -2.77	28.93 2.60 -0.34	26.94 2.54 -0.07	24.57 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.04 1.33 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.51 -29.35	44.25 0.13 -42.82	26.00 1.86 -7.44	29.90 2.37 -4.42	24.92 2.27 0.00	22.65 2.00 0.00	23.75 1.69 0.00
HOMER_HL_115KV_TB2 355744	21.98 0.88 0.00	22.04 0.86 0.00	17.19 0.63 0.00	17.43 0.48 0.00	15.86 0.40 0.00	18.60 0.60 0.00	25.94 0.85 -0.32	20.69 0.54 -2.02	23.11 0.81 -0.48	27.29 1.29 0.00	25.15 0.82 0.00	20.35 0.46 -0.52	9.99 0.10 -2.52	5.64 0.03 -4.00	13.58 0.28 -1.76	5.33 0.01 -4.44	4.45 -0.05 -5.73	9.34 0.06 -5.19	8.80 -0.07 -7.56	18.23 0.22 -1.31	24.41 0.51 -0.78	23.45 0.80 0.00	21.43 0.78 0.00	23.11 1.06 0.00
HOWARD_WT_PWR 323690	21.63 0.54 0.00	21.77 0.60 0.00	16.82 0.26 0.00	17.12 0.18 0.00	15.71 0.26 0.00	18.29 0.29 0.00	25.41 0.28 -0.36	20.55 0.13 -2.29	22.68 0.29 -0.56	26.26 0.26 0.00	24.30 -0.04 0.00	19.81 -0.15 -0.60	10.16 -0.13 -2.92	6.21 -0.03 -4.63	13.40 -0.19 -2.04	6.04 -0.02 -5.17	5.31 0.00 -6.54	9.97 -0.05 -5.92	9.95 0.02 -8.63	18.52 0.31 -1.50	24.66 0.66 -0.89	23.26 0.62 0.00	21.09 0.44 0.00	22.70 0.65 0.00
HQ_GEN_CEDARS 23644	20.94 -0.16 0.00	21.00 -0.17 0.00	16.39 -0.17 0.00	16.85 -0.10 0.00	15.35 -0.11 0.00	17.77 -0.23 0.00	24.40 -0.37 0.00	17.76 -0.37 0.00	21.35 -0.48 0.00	25.42 -0.58 0.00	23.76 -0.57 0.00	19.56 -0.48 -0.68	7.96 -0.18 -0.77	2.18 -0.04 -0.61	12.99 -0.28 -1.73	2.05 -0.02 -1.19	-0.59 0.03 -0.61	3.99 -0.10 0.00	1.30 -0.01 0.00	16.39 -0.31 0.00	22.72 -0.40 0.00	22.31 -0.34 0.00	20.45 -0.20 0.00	22.02 -0.03 0.00
HQ_GEN_CEDARS_PROXY 323590	20.94 -0.15 0.00	21.00 -0.17 0.00	16.39 -0.17 0.00	16.85 -0.10 0.00	15.35 -0.11 0.00	17.77 -0.23 0.00	24.40 -0.36 0.00	17.76 -0.37 0.00	21.35 -0.48 0.00	25.42 -0.57 0.00	23.76 -0.57 0.00	19.57 -0.48 -0.68	7.96 -0.18 -0.77	2.18 -0.04 -0.61	12.99 -0.28 -1.73	2.05 -0.02 -1.19	-0.59 0.03 -0.61	3.99 -0.10 0.00	1.30 -0.01 0.00	16.39 -0.31 0.00	22.71 -0.40 0.00	22.31 -0.34 0.00	20.45 -0.20 0.00	22.02 -0.03 0.00
HQ_GEN_IMPORT 323601	20.89 -0.20 0.00	20.97 -0.19 0.00	16.39 -0.17 0.00	16.80 -0.14 0.00	15.31 -0.14 0.00	17.79 -0.21 0.00	24.43 -0.33 0.00	17.85 -0.29 0.00	21.48 -0.35 0.00	25.61 -0.38 0.00	23.96 -0.37 0.00	19.06 -0.31 0.00	7.26 -0.11 0.00	1.58 -0.02 0.00	11.38 -0.17 0.00	0.87 -0.01 0.00	-1.21 0.02 0.00	4.03 -0.07 0.00	1.30 -0.01 0.00	16.47 -0.24 0.00	22.80 -0.32 0.00	22.36 -0.29 0.00	20.46 -0.19 0.00	21.95 -0.10 0.00
HQ_GEN_WHEEL 23651	20.89 -0.20 0.00	20.97 -0.19 0.00	16.39 -0.17 0.00	16.80 -0.14 0.00	15.31 -0.14 0.00	17.79 -0.21 0.00	24.43 -0.33 0.00	17.85 -0.29 0.00	21.48 -0.35 0.00	25.61 -0.38 0.00	23.96 -0.37 0.00	19.06 -0.31 0.00	7.26 -0.11 0.00	1.58 -0.02 0.00	11.38 -0.17 0.00	0.87 -0.01 0.00	-1.21 0.02 0.00	4.03 -0.07 0.00	1.30 -0.01 0.00	16.47 -0.24 0.00	22.80 -0.32 0.00	22.36 -0.29 0.00	20.46 -0.19 0.00	21.95 -0.10 0.00
HUDSON_AVE_GT_3 23810	22.10 1.01 0.00	27.31 0.99 -5.15	17.44 0.87 0.00	17.77 0.83 0.00	16.27 0.82 0.00	18.98 0.98 0.00	28.07 1.43 -1.87	30.64 1.18 -11.32	26.12 1.53 -2.77	28.22 1.89 -0.34	26.30 1.90 -0.07	24.00 1.65 -2.99	22.46 0.63 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.24 -7.44	29.16 1.62 -4.42	24.26 1.61 0.00	21.95 1.29 0.00	23.17 1.12 0.00

HUDSON AVE_GT_4 23540	22.10 1.01 0.00	27.31 0.99 -5.15	17.44 0.87 0.00	17.77 0.83 0.00	16.27 0.82 0.00	18.98 0.98 0.00	28.07 1.43 -1.87	30.64 1.18 -11.32	26.12 1.53 -2.77	28.22 1.89 -0.34	26.30 1.90 -0.07	24.00 1.65 -2.99	22.46 0.63 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.24 -7.44	29.16 1.62 -4.42	24.26 1.61 0.00	21.95 1.29 0.00	23.17 1.12 0.00
HUDSON AVE_GT_5 23657	22.10 1.01 0.00	27.31 0.99 -5.15	17.44 0.87 0.00	17.77 0.83 0.00	16.27 0.82 0.00	18.98 0.98 0.00	28.07 1.43 -1.87	30.64 1.18 -11.32	26.12 1.53 -2.77	28.22 1.89 -0.34	26.30 1.90 -0.07	24.00 1.65 -2.99	22.46 0.63 -14.47	24.68 0.14 -22.93	22.75 1.04 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.24 -7.44	29.16 1.62 -4.42	24.26 1.61 0.00	21.95 1.29 0.00	23.17 1.12 0.00
HUDSON_AVE_10 24168	22.02 0.92 0.00	27.22 0.90 -5.15	17.37 0.81 0.00	17.71 0.76 0.00	16.21 0.76 0.00	18.91 0.91 0.00	27.97 1.33 -1.87	30.56 1.10 -11.32	26.03 1.43 -2.77	28.10 1.77 -0.34	26.18 1.79 -0.07	23.90 1.56 -2.99	22.43 0.59 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.19 0.08 -42.81	25.30 1.16 -7.44	29.03 1.50 -4.42	24.15 1.50 0.00	21.85 1.20 0.00	23.06 1.01 0.00
HUDSON___115KV_TB 4 355613	21.68 0.59 0.00	17.64 0.64 4.17	17.07 0.50 0.00	17.49 0.55 0.00	15.97 0.52 0.00	18.62 0.62 0.00	27.77 0.92 -2.08	32.37 0.83 -13.41	25.96 0.87 -3.26	26.64 0.88 0.24	25.09 0.80 0.05	23.53 0.64 -3.53	24.77 0.26 -17.14	28.82 0.05 -27.16	23.96 0.42 -12.00	31.21 0.04 -30.29	36.86 -0.05 -38.14	39.04 0.18 -34.77	52.11 0.06 -50.74	26.35 0.83 -8.82	29.52 1.17 -5.24	23.68 1.03 0.00	21.46 0.81 0.00	22.62 0.56 0.00
HUNTER MOUNT___DRP 323613	21.80 0.71 0.00	19.09 0.76 2.84	17.15 0.59 0.00	17.59 0.64 0.00	16.06 0.60 0.00	18.73 0.72 0.00	27.90 1.09 -2.04	32.14 0.96 -13.04	26.01 1.02 -3.17	26.86 1.02 0.16	25.16 0.86 0.03	23.45 0.65 -3.44	24.30 0.27 -16.66	28.07 0.06 -26.41	23.66 0.45 -11.67	30.43 0.04 -29.50	35.88 -0.05 -37.16	38.09 0.19 -33.81	50.71 0.07 -49.33	26.23 0.96 -8.57	29.57 1.36 -5.09	23.84 1.20 0.00	21.60 0.95 0.00	22.73 0.68 0.00
HUNTINGTON_RES_REC 323705	22.45 1.36 0.00	27.68 1.35 -5.15	17.71 1.15 0.00	18.05 1.10 0.00	16.53 1.08 0.00	19.37 1.37 0.00	28.39 1.75 -1.87	30.92 1.46 -11.32	26.46 1.86 -2.77	28.64 2.31 -0.34	26.61 2.21 -0.07	24.31 1.97 -2.99	22.57 0.73 -14.47	24.69 0.16 -22.93	22.90 1.18 -10.17	26.95 0.11 -25.96	31.44 -0.13 -32.80	33.90 0.45 -29.35	44.23 0.11 -42.82	25.78 1.64 -7.44	29.60 2.07 -4.42	24.63 1.99 0.00	22.37 1.72 0.00	23.50 1.44 0.00
HUNTLEY___63 23557	21.85 0.76 0.00	21.96 0.80 0.00	17.11 0.55 0.00	17.37 0.43 0.00	15.75 0.30 0.00	18.52 0.52 0.00	25.60 0.56 -0.28	20.08 0.18 -1.77	22.48 0.24 -0.42	26.35 0.36 0.00	24.43 0.10 0.00	19.86 0.04 -0.46	9.61 0.01 -2.22	5.14 0.01 -3.52	13.14 0.05 -1.54	4.76 -0.01 -3.88	3.73 -0.01 -4.97	8.57 -0.02 -4.50	7.77 -0.10 -6.56	17.71 -0.13 -1.14	23.85 0.06 -0.68	22.88 0.23 0.00	20.90 0.25 0.00	22.61 0.56 0.00
HUNTLEY___64 23558	21.85 0.76 0.00	21.96 0.80 0.00	17.11 0.55 0.00	17.37 0.43 0.00	15.75 0.30 0.00	18.52 0.52 0.00	25.60 0.56 -0.28	20.08 0.18 -1.77	22.48 0.24 -0.42	26.35 0.36 0.00	24.43 0.10 0.00	19.86 0.04 -0.46	9.61 0.01 -2.22	5.14 0.01 -3.52	13.14 0.05 -1.54	4.76 -0.01 -3.88	3.73 -0.01 -4.97	8.57 -0.02 -4.50	7.77 -0.10 -6.56	17.71 -0.13 -1.14	23.85 0.06 -0.68	22.88 0.23 0.00	20.90 0.25 0.00	22.61 0.56 0.00
HUNTLEY___65 23559	21.85 0.76 0.00	21.96 0.80 0.00	17.11 0.55 0.00	17.37 0.43 0.00	15.75 0.30 0.00	18.52 0.52 0.00	25.60 0.56 -0.28	20.08 0.18 -1.77	22.48 0.24 -0.42	26.35 0.36 0.00	24.43 0.10 0.00	19.86 0.04 -0.46	9.61 0.01 -2.22	5.14 0.01 -3.52	13.14 0.05 -1.54	4.76 -0.01 -3.88	3.73 -0.01 -4.97	8.57 -0.02 -4.50	7.77 -0.10 -6.56	17.71 -0.13 -1.14	23.85 0.06 -0.68	22.88 0.23 0.00	20.90 0.25 0.00	22.61 0.56 0.00
HUNTLEY___66 23560	21.85 0.76 0.00	21.96 0.80 0.00	17.11 0.55 0.00	17.37 0.43 0.00	15.75 0.30 0.00	18.52 0.52 0.00	25.60 0.56 -0.28	20.08 0.18 -1.77	22.48 0.24 -0.42	26.35 0.36 0.00	24.43 0.10 0.00	19.86 0.04 -0.46	9.61 0.01 -2.22	5.14 0.01 -3.52	13.14 0.05 -1.54	4.76 -0.01 -3.88	3.73 -0.01 -4.97	8.57 -0.02 -4.50	7.77 -0.10 -6.56	17.71 -0.13 -1.14	23.85 0.06 -0.68	22.88 0.23 0.00	20.90 0.25 0.00	22.61 0.56 0.00
HUNTLEY___67 23561	21.59 0.50 0.00	21.71 0.54 0.00	16.91 0.35 0.00	17.17 0.22 0.00	15.58 0.13 0.00	18.29 0.29 0.00	25.30 0.25 -0.28	19.95 0.03 -1.79	22.32 0.07 -0.43	26.16 0.17 0.00	24.26 -0.08 0.00	19.72 -0.10 -0.46	9.57 -0.05 -2.25	5.16 0.00 -3.56	13.07 -0.04 -1.56	4.81 -0.02 -3.95	3.82 0.00 -5.05	8.62 -0.05 -4.58	7.87 -0.11 -6.67	17.59 -0.27 -1.16	23.67 -0.14 -0.69	22.71 0.06 0.00	20.74 0.09 0.00	22.37 0.32 0.00
HUNTLEY___68 23562	21.59 0.50 0.00	21.71 0.54 0.00	16.91 0.35 0.00	17.17 0.22 0.00	15.58 0.13 0.00	18.29 0.29 0.00	25.30 0.25 -0.28	19.95 0.03 -1.79	22.32 0.07 -0.43	26.16 0.17 0.00	24.26 -0.08 0.00	19.72 -0.10 -0.46	9.57 -0.05 -2.25	5.16 0.00 -3.56	13.07 -0.04 -1.56	4.81 -0.02 -3.95	3.82 0.00 -5.05	8.62 -0.05 -4.58	7.87 -0.11 -6.67	17.59 -0.27 -1.16	23.67 -0.14 -0.69	22.71 0.06 0.00	20.74 0.09 0.00	22.37 0.32 0.00
HYLAND___LFGE 323620	22.30 1.21 0.00	22.36 1.19 0.00	17.38 0.82 0.00	17.68 0.74 0.00	16.13 0.68 0.00	18.95 0.95 0.00	26.48 1.40 -0.31	21.10 1.04 -1.93	23.47 1.19 -0.47	27.18 1.19 0.00	24.90 0.57 0.00	20.30 0.43 -0.51	9.91 0.08 -2.46	5.51 0.01 -3.89	13.34 0.08 -1.72	5.26 -0.01 -4.38	4.30 -0.02 -5.54	9.16 0.05 -5.02	8.64 0.02 -7.32	18.95 0.98 -1.27	25.43 1.56 -0.76	24.17 1.53 0.00	21.90 1.24 0.00	23.35 1.29 0.00
INDECK___CORINTH 23802	22.35 1.26 0.00	16.19 1.25 6.23	17.55 0.98 0.00	18.02 1.08 0.00	16.47 1.02 0.00	19.25 1.25 0.00	28.81 1.87 -2.17	33.85 1.58 -14.14	27.08 1.83 -3.43	27.59 1.96 0.36	26.08 1.81 0.07	24.57 1.49 -3.73	26.02 0.58 -18.06	30.36 0.12 -28.63	25.06 0.88 -12.64	32.79 0.07 -31.85	38.76 -0.09 -40.08	41.04 0.31 -36.64	54.80 0.09 -53.40	27.22 1.24 -9.28	30.43 1.80 -5.51	24.27 1.62 0.00	22.11 1.46 0.00	23.32 1.27 0.00
INDECK___ILION 23567	21.13 0.04 0.00	21.19 0.02 0.00	16.59 0.03 0.00	16.98 0.03 0.00	15.51 0.06 0.00	18.07 0.07 0.00	24.87 0.11 0.00	18.24 0.10 0.00	21.92 0.10 0.00	26.04 0.04 0.00	24.40 0.07 0.00	19.44 0.08 0.00	7.40 0.02 0.00	1.61 0.00 0.00	11.54 0.00 0.00	0.88 0.00 0.00	-1.24 0.00 0.00	4.11 0.02 0.00	1.31 0.01 0.00	16.82 0.11 0.00	23.29 0.18 0.00	22.79 0.14 0.00	20.74 0.09 0.00	22.01 -0.05 0.00



INDECK___OLEAN 23982	21.98 0.88 0.00	22.03 0.86 0.00	17.19 0.63 0.00	17.43 0.48 0.00	15.86 0.40 0.00	18.60 0.60 0.00	25.95 0.87 -0.32	20.68 0.53 -2.02	23.10 0.80 -0.48	27.28 1.28 0.00	25.16 0.83 0.00	20.34 0.46 -0.52	9.99 0.10 -2.52	5.64 0.03 -4.00	13.58 0.28 -1.76	5.33 0.01 -4.44	4.45 -0.05 -5.73	9.34 0.06 -5.19	8.80 -0.07 -7.56	18.23 0.22 -1.31	24.41 0.51 -0.78	23.45 0.80 0.00	21.44 0.79 0.00	23.11 1.06 0.00
INDECK___OSWEGO 23783	21.61 0.52 0.00	21.66 0.49 0.00	16.92 0.36 0.00	17.28 0.33 0.00	15.75 0.29 0.00	18.41 0.41 0.00	25.59 0.66 -0.17	19.65 0.44 -1.07	22.62 0.53 -0.26	26.66 0.67 0.00	24.88 0.55 0.00	20.01 0.36 -0.28	8.86 0.11 -1.37	3.80 0.02 -2.17	12.64 0.13 -0.96	3.32 0.00 -2.44	1.84 -0.01 -3.08	6.95 0.07 -2.78	5.39 0.02 -4.06	17.74 0.33 -0.71	23.98 0.45 -0.42	23.03 0.38 0.00	20.99 0.34 0.00	22.47 0.42 0.00
INDECK___YERKES 23781	21.87 0.78 0.00	21.99 0.82 0.00	17.14 0.57 0.00	17.40 0.45 0.00	15.78 0.32 0.00	18.55 0.55 0.00	25.66 0.61 -0.28	20.10 0.20 -1.77	22.50 0.25 -0.42	26.38 0.39 0.00	24.48 0.14 0.00	19.88 0.06 -0.46	9.62 0.02 -2.22	5.14 0.01 -3.52	13.16 0.07 -1.54	4.76 -0.01 -3.88	3.73 -0.02 -4.97	8.58 -0.01 -4.50	7.77 -0.10 -6.56	17.74 -0.11 -1.14	23.89 0.10 -0.68	22.92 0.27 0.00	20.93 0.28 0.00	22.64 0.59 0.00
INDIAN POINT_GT_1 24139	21.88 0.79 0.00	26.99 0.78 -5.03	17.26 0.70 0.00	17.61 0.67 0.00	16.10 0.65 0.00	18.79 0.79 0.00	27.77 1.16 -1.85	30.35 1.01 -11.20	25.82 1.25 -2.74	27.85 1.53 -0.33	25.94 1.55 -0.06	23.67 1.35 -2.95	22.21 0.52 -14.31	24.41 0.12 -22.69	22.46 0.85 -10.06	26.64 0.07 -25.68	31.12 -0.09 -32.45	33.44 0.31 -29.04	43.74 0.08 -42.36	25.15 1.09 -7.36	28.91 1.42 -4.37	24.05 1.40 0.00	21.76 1.11 0.00	23.00 0.95 0.00
INDIAN POINT_GT_2 23659	21.88 0.79 0.00	26.99 0.78 -5.03	17.26 0.70 0.00	17.61 0.67 0.00	16.10 0.65 0.00	18.79 0.79 0.00	27.77 1.16 -1.85	30.35 1.01 -11.20	25.82 1.25 -2.74	27.85 1.53 -0.33	25.94 1.55 -0.06	23.67 1.35 -2.95	22.21 0.52 -14.31	24.41 0.12 -22.69	22.46 0.85 -10.06	26.64 0.07 -25.68	31.12 -0.09 -32.45	33.44 0.31 -29.04	43.74 0.08 -42.36	25.15 1.09 -7.36	28.91 1.42 -4.37	24.05 1.40 0.00	21.76 1.11 0.00	23.00 0.95 0.00
INDIAN POINT_GT_3 24019	21.88 0.79 0.00	26.99 0.78 -5.03	17.26 0.70 0.00	17.61 0.67 0.00	16.10 0.65 0.00	18.79 0.79 0.00	27.77 1.16 -1.85	30.35 1.01 -11.20	25.82 1.25 -2.74	27.85 1.53 -0.33	25.94 1.55 -0.06	23.67 1.35 -2.95	22.21 0.52 -14.31	24.41 0.12 -22.69	22.46 0.85 -10.06	26.64 0.07 -25.68	31.12 -0.09 -32.45	33.44 0.31 -29.04	43.74 0.08 -42.36	25.15 1.09 -7.36	28.91 1.42 -4.37	24.05 1.40 0.00	21.76 1.11 0.00	23.00 0.95 0.00
INDIAN POINT___2 23530	21.87 0.77 0.00	26.79 0.78 -4.84	17.25 0.69 0.00	17.60 0.65 0.00	16.09 0.64 0.00	18.78 0.78 0.00	27.72 1.13 -1.83	30.18 1.00 -11.05	25.77 1.24 -2.71	27.83 1.52 -0.32	25.93 1.54 -0.06	23.61 1.34 -2.91	22.01 0.51 -14.12	24.10 0.12 -22.38	22.32 0.85 -9.93	26.28 0.07 -25.33	30.68 -0.09 -32.00	33.04 0.30 -28.64	43.17 0.08 -41.78	25.04 1.08 -7.26	28.84 1.41 -4.31	24.02 1.37 0.00	21.75 1.10 0.00	22.99 0.93 0.00
INDIAN POINT___3 23531	21.87 0.78 0.00	26.99 0.78 -5.05	17.25 0.69 0.00	17.60 0.65 0.00	16.09 0.64 0.00	18.78 0.78 0.00	27.75 1.13 -1.85	30.33 0.99 -11.21	25.80 1.24 -2.75	27.83 1.51 -0.33	25.92 1.52 -0.07	23.65 1.33 -2.96	22.21 0.51 -14.32	24.42 0.11 -22.70	22.46 0.84 -10.07	26.65 0.07 -25.70	31.14 -0.09 -32.46	33.45 0.30 -29.05	43.76 0.08 -42.38	25.14 1.08 -7.36	28.90 1.41 -4.38	24.02 1.37 0.00	21.75 1.10 0.00	22.99 0.93 0.00
INGHAM_C_115KV_TB7 356103	21.03 -0.06 0.00	21.06 -0.11 0.00	16.50 -0.06 0.00	16.89 -0.05 0.00	15.49 0.04 0.00	18.04 0.04 0.00	24.81 0.05 0.00	18.20 0.07 0.00	21.82 0.00 0.00	25.82 -0.17 0.00	24.24 -0.09 0.00	19.35 -0.01 0.00	7.35 -0.02 0.00	1.59 -0.01 0.00	11.42 -0.12 0.00	0.87 -0.02 0.00	-1.22 0.00 0.00	4.09 0.00 0.00	1.31 0.00 0.00	16.82 0.11 0.00	23.33 0.22 0.00	22.80 0.15 0.00	20.71 0.06 0.00	21.81 -0.24 0.00
IP CORINTH___1 23988	22.35 1.26 0.00	16.19 1.25 6.23	17.55 0.99 0.00	18.02 1.08 0.00	16.47 1.02 0.00	19.25 1.25 0.00	28.81 1.87 -2.17	33.86 1.58 -14.14	27.08 1.83 -3.43	27.59 1.96 0.36	26.08 1.82 0.07	24.57 1.49 -3.73	26.02 0.58 -18.06	30.36 0.12 -28.63	25.06 0.88 -12.64	32.79 0.07 -31.85	38.76 -0.09 -40.08	41.04 0.31 -36.64	54.80 0.09 -53.40	27.22 1.24 -9.28	30.43 1.80 -5.51	24.27 1.62 0.00	22.12 1.46 0.00	23.32 1.27 0.00
IP___TICONDEROGA 23804	22.90 1.81 0.00	16.60 1.79 6.35	17.98 1.41 0.00	18.59 1.64 0.00	17.01 1.56 0.00	19.98 1.98 0.00	29.98 3.05 -2.17	34.86 2.60 -14.13	28.26 3.02 -3.43	28.73 3.11 0.37	26.99 2.73 0.07	25.31 2.23 -3.72	26.25 0.83 -18.05	30.40 0.19 -28.61	25.40 1.23 -12.63	32.79 0.10 -31.81	38.66 -0.14 -40.03	41.23 0.53 -36.61	54.84 0.17 -53.36	28.07 2.09 -9.27	31.32 2.70 -5.51	25.07 2.43 0.00	22.78 2.13 0.00	23.92 1.87 0.00
ISLIP_RES_REC 323679	22.81 1.72 0.00	28.03 1.70 -5.15	18.00 1.44 0.00	18.33 1.38 0.00	16.80 1.34 0.00	19.68 1.68 0.00	28.83 2.20 -1.87	31.30 1.84 -11.32	26.88 2.28 -2.77	29.08 2.75 -0.34	27.08 2.68 -0.07	24.69 2.34 -2.99	22.71 0.87 -14.47	24.72 0.18 -22.93	23.11 1.39 -10.17	26.97 0.12 -25.96	31.42 -0.16 -32.80	33.99 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.04 2.51 -4.42	25.06 2.41 0.00	22.78 2.12 0.00	23.86 1.81 0.00
JAMAICA___27_KV_LOAD 355505	22.18 1.09 0.00	27.36 1.04 -5.15	17.50 0.93 0.00	17.84 0.89 0.00	16.34 0.88 0.00	19.06 1.06 0.00	28.17 1.54 -1.87	30.71 1.26 -11.32	26.19 1.60 -2.77	28.30 1.97 -0.34	26.35 1.96 -0.07	24.02 1.67 -2.99	22.47 0.63 -14.47	24.68 0.14 -22.93	22.77 1.06 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.80 0.36 -29.34	44.19 0.08 -42.81	25.40 1.25 -7.44	29.17 1.64 -4.42	24.30 1.65 0.00	22.00 1.35 0.00	23.20 1.15 0.00
JANIS___SOLAR 323808	22.08 0.99 0.00	22.07 0.90 0.00	17.24 0.68 0.00	17.60 0.66 0.00	16.05 0.60 0.00	18.76 0.76 0.00	26.48 1.24 -0.48	22.10 0.94 -3.03	23.65 1.09 -0.74	27.20 1.21 0.00	25.17 0.84 0.00	20.61 0.45 -0.80	11.38 0.13 -3.88	7.79 0.04 -6.15	14.47 0.20 -2.72	7.77 0.00 -6.89	7.40 -0.04 -8.67	12.07 0.13 -7.85	12.84 0.08 -11.44	19.65 0.96 -1.99	25.62 1.32 -1.18	23.85 1.20 0.00	21.63 0.98 0.00	23.04 0.99 0.00
JARVIS____ 23743	21.14 0.04 0.00	21.21 0.04 0.00	16.60 0.04 0.00	16.98 0.03 0.00	15.49 0.03 0.00	18.04 0.04 0.00	24.82 0.06 0.00	18.19 0.06 0.00	21.90 0.08 0.00	26.07 0.08 0.00	24.41 0.07 0.00	19.43 0.07 0.00	7.40 0.02 0.00	1.61 0.00 0.00	11.58 0.03 0.00	0.88 0.00 0.00	-1.23 0.00 0.00	4.11 0.01 0.00	1.31 0.00 0.00	16.73 0.03 0.00	23.15 0.03 0.00	22.69 0.04 0.00	20.68 0.02 0.00	22.05 0.00 0.00

JENNISON___1 23625	22.12 1.03 0.00	22.12 0.95 0.00	17.30 0.74 0.00	17.66 0.71 0.00	16.11 0.66 0.00	18.82 0.82 0.00	26.72 1.32 -0.63	23.15 1.07 -3.94	24.07 1.28 -0.96	27.55 1.56 0.00	25.62 1.29 0.00	21.31 0.91 -1.04	12.75 0.33 -5.05	9.68 0.08 -8.00	15.60 0.52 -3.54	9.88 0.03 -8.96	10.00 -0.05 -11.28	14.52 0.21 -10.22	16.30 0.09 -14.90	20.37 1.08 -2.59	26.12 1.47 -1.54	24.00 1.36 0.00	21.74 1.09 0.00	23.10 1.05 0.00
JENNISON___2 23626	22.12 1.03 0.00	22.12 0.95 0.00	17.30 0.74 0.00	17.66 0.71 0.00	16.11 0.66 0.00	18.82 0.82 0.00	26.72 1.32 -0.63	23.15 1.07 -3.94	24.07 1.28 -0.96	27.55 1.56 0.00	25.62 1.29 0.00	21.31 0.91 -1.04	12.75 0.33 -5.05	9.68 0.08 -8.00	15.60 0.52 -3.54	9.88 0.03 -8.96	10.00 -0.05 -11.28	14.52 0.21 -10.22	16.30 0.09 -14.90	20.37 1.08 -2.59	26.12 1.47 -1.54	24.00 1.36 0.00	21.74 1.09 0.00	23.10 1.05 0.00
JERICHO_RISE_WT_PWR 323719	21.03 -0.06 0.00	21.14 -0.02 0.00	16.38 -0.19 0.00	16.85 -0.10 0.00	15.37 -0.09 0.00	17.68 -0.32 0.00	24.19 -0.58 0.00	17.56 -0.57 0.00	20.99 -0.83 0.00	24.88 -1.12 0.00	23.09 -1.24 0.00	4.72 -1.12 13.51	-8.20 -0.41 15.16	-10.55 -0.09 12.06	-23.37 -0.67 34.25	-22.63 -0.04 23.47	-13.24 0.07 12.08	3.87 -0.22 0.00	1.35 0.05 0.00	16.51 -0.19 0.00	22.81 -0.30 0.00	22.50 -0.15 0.00	20.51 -0.14 0.00	21.97 -0.09 0.00
KATONAH___115KV_46KV_TB4 355592	21.98 0.89 0.00	27.16 0.89 -5.10	17.33 0.77 0.00	17.70 0.75 0.00	16.18 0.73 0.00	18.89 0.89 0.00	27.94 1.28 -1.90	30.72 1.11 -11.47	26.01 1.38 -2.81	28.00 1.67 -0.33	26.06 1.67 -0.07	23.84 1.46 -3.02	22.59 0.56 -14.66	24.97 0.12 -23.23	22.76 0.91 -10.31	27.25 0.08 -26.30	31.89 -0.10 -33.22	34.16 0.33 -29.74	44.77 0.09 -43.38	25.44 1.20 -7.54	29.17 1.58 -4.48	24.17 1.53 0.00	21.88 1.23 0.00	23.10 1.05 0.00
KCE_NY_1 323755	22.16 1.07 0.00	15.71 1.08 6.53	17.39 0.83 0.00	17.82 0.88 0.00	16.30 0.84 0.00	19.00 1.00 0.00	28.42 1.49 -2.16	33.50 1.25 -14.11	26.68 1.43 -3.42	27.16 1.54 0.38	25.69 1.43 0.07	24.25 1.17 -3.72	25.88 0.48 -18.03	30.28 0.10 -28.57	24.88 0.72 -12.61	32.71 0.06 -31.77	38.67 -0.08 -39.98	40.93 0.27 -36.57	54.70 0.08 -53.31	27.08 1.11 -9.26	30.17 1.55 -5.50	24.05 1.40 0.00	21.85 1.19 0.00	23.08 1.03 0.00
KCE_NY_6_ESR 323823	21.86 0.76 0.00	21.92 0.76 0.00	17.09 0.52 0.00	17.33 0.38 0.00	15.74 0.29 0.00	18.49 0.49 0.00	25.64 0.59 -0.30	20.27 0.29 -1.85	22.65 0.39 -0.44	26.57 0.57 0.00	24.62 0.29 0.00	19.98 0.14 -0.48	9.74 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.03 0.20 -0.71	23.05 0.40 0.00	21.03 0.37 0.00	22.65 0.60 0.00
KEDC_PORT_JEFF_GT2 24210	22.69 1.60 0.00	27.90 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.72 1.26 0.00	19.57 1.58 0.00	28.68 2.04 -1.87	31.13 1.67 -11.32	26.70 2.10 -2.77	28.90 2.57 -0.34	26.86 2.47 -0.07	24.52 2.17 -2.99	22.65 0.80 -14.47	24.71 0.17 -22.93	23.01 1.29 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.94 0.50 -29.35	44.23 0.11 -42.82	25.85 1.70 -7.44	29.68 2.15 -4.42	24.73 2.08 0.00	22.59 1.94 0.00	23.70 1.65 0.00
KEDC_PORT_JEFF_GT3 24211	22.69 1.60 0.00	27.90 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.72 1.26 0.00	19.57 1.58 0.00	28.68 2.04 -1.87	31.13 1.67 -11.32	26.70 2.10 -2.77	28.90 2.57 -0.34	26.86 2.47 -0.07	24.52 2.17 -2.99	22.65 0.80 -14.47	24.71 0.17 -22.93	23.01 1.29 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.94 0.50 -29.35	44.23 0.11 -42.82	25.85 1.70 -7.44	29.68 2.15 -4.42	24.73 2.08 0.00	22.59 1.94 0.00	23.70 1.65 0.00
KEDC_GLWD_GT4 24219	22.22 1.13 0.00	27.45 1.12 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.11 1.12 0.00	28.17 1.53 -1.87	30.71 1.26 -11.32	26.21 1.61 -2.77	28.33 2.00 -0.34	26.39 2.00 -0.07	24.09 1.74 -2.99	22.50 0.66 -14.47	24.69 0.15 -22.93	22.80 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.82	25.44 1.29 -7.44	29.19 1.66 -4.42	24.29 1.64 0.00	22.11 1.46 0.00	23.33 1.28 0.00
KEDC_GLWD_GT5 24220	22.22 1.13 0.00	27.45 1.12 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.11 1.12 0.00	28.17 1.53 -1.87	30.71 1.26 -11.32	26.21 1.61 -2.77	28.33 2.00 -0.34	26.39 2.00 -0.07	24.09 1.74 -2.99	22.50 0.66 -14.47	24.69 0.15 -22.93	22.80 1.08 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.21 0.09 -42.82	25.44 1.29 -7.44	29.19 1.66 -4.42	24.29 1.64 0.00	22.11 1.46 0.00	23.33 1.28 0.00
KENSICO____ 23655	21.94 0.85 0.00	27.16 0.85 -5.14	17.31 0.75 0.00	17.66 0.72 0.00	16.15 0.70 0.00	18.85 0.85 0.00	27.86 1.23 -1.87	30.49 1.06 -11.30	25.92 1.33 -2.77	27.96 1.62 -0.34	26.04 1.64 -0.07	23.76 1.43 -2.98	22.35 0.54 -14.43	24.61 0.12 -22.87	22.59 0.90 -10.15	26.85 0.07 -25.90	31.39 -0.10 -32.72	33.69 0.32 -29.28	44.10 0.09 -42.71	25.26 1.14 -7.42	29.01 1.49 -4.41	24.11 1.47 0.00	21.82 1.17 0.00	23.05 1.00 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.96 0.87 0.00	24.47 0.85 -2.46	17.30 0.73 0.00	17.65 0.70 0.00	16.13 0.68 0.00	18.85 0.85 0.00	27.67 1.25 -1.65	29.34 1.04 -10.16	25.57 1.26 -2.48	27.58 1.45 -0.14	25.77 1.42 -0.03	23.23 1.19 -2.68	20.76 0.41 -12.98	22.27 0.09 -20.57	21.32 0.66 -9.11	24.11 0.06 -23.17	27.94 -0.07 -29.24	30.69 0.26 -26.33	39.80 0.08 -38.41	24.44 1.06 -6.67	28.63 1.55 -3.96	24.12 1.47 0.00	21.86 1.21 0.00	23.16 1.10 0.00
KIAC_JFK_GT1 23816	22.05 0.96 0.00	27.24 0.92 -5.15	17.41 0.84 0.00	17.74 0.79 0.00	16.25 0.80 0.00	18.95 0.95 0.00	28.02 1.39 -1.87	30.61 1.16 -11.32	26.07 1.48 -2.77	28.16 1.83 -0.34	26.23 1.83 -0.07	23.92 1.58 -2.99	22.43 0.59 -14.47	24.67 0.13 -22.93	22.71 1.00 -10.17	26.91 0.07 -25.96	31.47 -0.10 -32.79	33.76 0.33 -29.34	44.18 0.07 -42.81	25.25 1.11 -7.44	28.96 1.43 -4.42	24.15 1.51 0.00	21.89 1.23 0.00	23.06 1.01 0.00
KIAC_JFK_GT2 23817	22.05 0.96 0.00	27.24 0.92 -5.15	17.41 0.84 0.00	17.74 0.79 0.00	16.25 0.80 0.00	18.95 0.95 0.00	28.02 1.39 -1.87	30.61 1.16 -11.32	26.07 1.48 -2.77	28.16 1.83 -0.34	26.23 1.83 -0.07	23.92 1.58 -2.99	22.43 0.59 -14.47	24.67 0.13 -22.93	22.71 1.00 -10.17	26.91 0.07 -25.96	31.47 -0.10 -32.79	33.76 0.33 -29.34	44.18 0.07 -42.81	25.25 1.11 -7.44	28.96 1.43 -4.42	24.15 1.51 0.00	21.89 1.23 0.00	23.06 1.01 0.00
KIAC_JFK____ 323774	22.05 0.96 0.00	27.24 0.92 -5.15	17.40 0.84 0.00	17.74 0.79 0.00	16.25 0.80 0.00	18.95 0.95 0.00	28.02 1.38 -1.87	30.62 1.16 -11.32	26.08 1.48 -2.77	28.17 1.83 -0.34	26.22 1.83 -0.07	23.93 1.59 -2.99	22.43 0.59 -14.47	24.67 0.13 -22.93	22.71 1.00 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.76 0.33 -29.34	44.18 0.07 -42.81	25.25 1.11 -7.44	28.96 1.43 -4.42	24.16 1.51 0.00	21.88 1.23 0.00	23.06 1.01 0.00

KINTIGH____ 23543	21.38 0.28 0.00	21.51 0.34 0.00	16.77 0.20 0.00	17.04 0.09 0.00	15.47 0.01 0.00	18.15 0.15 0.00	25.10 0.08 -0.25	19.64 -0.06 -1.57	22.14 -0.06 -0.38	26.00 0.00 0.00	24.15 -0.18 0.00	19.59 -0.18 -0.41	9.28 -0.07 -1.98	4.74 -0.01 -3.14	12.84 -0.09 -1.38	4.37 -0.03 -3.51	3.25 0.00 -4.48	8.09 -0.06 -4.05	7.12 -0.10 -5.91	17.44 -0.29 -1.03	23.51 -0.21 -0.61	22.59 -0.06 0.00	20.64 -0.01 0.00	22.23 0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.20 0.11 0.00	21.31 0.14 0.00	16.51 -0.06 0.00	16.98 0.03 0.00	15.50 0.04 0.00	17.86 -0.14 0.00	24.47 -0.29 0.00	17.75 -0.38 0.00	21.23 -0.59 0.00	25.11 -0.88 0.00	23.29 -1.04 0.00	5.59 -0.96 12.82	-7.36 -0.36 14.37	-9.91 -0.08 11.44	-21.52 -0.59 32.48	-21.41 -0.04 22.26	-12.63 0.06 11.46	3.90 -0.19 0.00	1.38 0.07 0.00	16.76 0.05 0.00	23.16 0.04 0.00	22.87 0.22 0.00	20.79 0.13 0.00	22.21 0.16 0.00
LACHUTE__HYDRO 323717	22.90 1.81 0.00	16.60 1.78 6.35	17.98 1.41 0.00	18.59 1.64 0.00	17.01 1.55 0.00	19.98 1.98 0.00	29.98 3.05 -2.17	34.86 2.60 -14.13	28.26 3.01 -3.43	28.74 3.11 0.37	26.99 2.73 0.07	25.31 2.23 -3.72	26.25 0.83 -18.05	30.40 0.19 -28.61	25.40 1.23 -12.63	32.79 0.10 -31.81	38.66 -0.14 -40.03	41.23 0.53 -36.61	54.84 0.17 -53.36	28.07 2.09 -9.27	31.32 2.70 -5.51	25.07 2.43 0.00	22.78 2.12 0.00	23.92 1.87 0.00
LAWRNCV_115KV_TB1 80681	20.83 -0.26 0.00	20.87 -0.30 0.00	16.27 -0.29 0.00	16.75 -0.19 0.00	15.26 -0.20 0.00	17.66 -0.34 0.00	24.24 -0.52 0.00	17.58 -0.55 0.00	21.08 -0.74 0.00	25.05 -0.94 0.00	23.40 -0.93 0.00	20.27 -0.79 -1.70	8.98 -0.30 -1.90	3.05 -0.07 -1.52	15.34 -0.50 -4.30	3.80 -0.03 -2.95	0.34 0.05 -1.52	3.92 -0.17 0.00	1.28 -0.02 0.00	16.15 -0.56 0.00	22.40 -0.71 0.00	22.04 -0.60 0.00	20.30 -0.35 0.00	21.92 -0.13 0.00
LEDERLE____ 23769	21.95 0.86 0.00	26.68 0.86 -4.66	17.32 0.75 0.00	17.66 0.71 0.00	16.14 0.69 0.00	18.84 0.84 0.00	27.80 1.24 -1.80	30.09 1.07 -10.88	25.82 1.33 -2.67	27.93 1.63 -0.31	26.04 1.64 -0.06	23.66 1.43 -2.87	21.83 0.55 -13.90	23.77 0.12 -22.04	22.22 0.91 -9.77	25.90 0.08 -24.94	30.17 -0.10 -31.51	32.62 0.33 -28.20	42.54 0.09 -41.14	25.02 1.17 -7.15	28.89 1.53 -4.25	24.14 1.49 0.00	21.84 1.19 0.00	23.10 1.05 0.00
LIGHTHSE_115KV_TB6 355974	21.50 0.40 0.00	21.53 0.37 0.00	16.82 0.26 0.00	17.19 0.24 0.00	15.64 0.19 0.00	18.26 0.26 0.00	25.31 0.40 -0.15	19.36 0.27 -0.96	22.42 0.36 -0.23	26.43 0.44 0.00	24.67 0.34 0.00	20.06 0.19 -0.51	8.91 0.03 -1.51	3.78 0.00 -2.17	13.02 -0.02 -1.50	3.49 -0.01 -2.62	1.76 0.01 -2.98	6.60 0.02 -2.49	4.95 0.00 -3.64	17.42 0.08 -0.63	23.58 0.09 -0.37	22.69 0.04 0.00	20.74 0.08 0.00	22.21 0.16 0.00
LINDEN COGEN____ 23786	21.96 0.87 0.00	27.18 0.85 -5.15	17.35 0.79 0.00	17.68 0.73 0.00	16.18 0.72 0.00	18.84 0.84 0.00	27.87 1.24 -1.87	30.34 1.00 -11.21	25.90 1.31 -2.77	27.98 1.65 -0.34	26.07 1.67 -0.07	23.81 1.46 -2.99	22.39 0.55 -14.47	24.66 0.13 -22.93	22.65 0.93 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.77 0.33 -29.34	44.19 0.08 -42.81	25.23 1.09 -7.44	28.93 1.40 -4.42	24.04 1.39 0.00	21.73 1.09 0.00	22.99 0.93 0.00
LINDHRST_69_KV_BK1 356055	22.63 1.53 0.00	27.85 1.54 -5.15	17.84 1.28 0.00	18.18 1.23 0.00	16.65 1.20 0.00	19.49 1.49 0.00	28.62 1.98 -1.87	31.02 1.57 -11.32	26.60 2.00 -2.77	28.81 2.48 -0.34	26.78 2.39 -0.07	24.43 2.09 -2.99	22.62 0.78 -14.47	24.71 0.17 -22.93	22.96 1.25 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.91 0.47 -29.35	44.24 0.12 -42.81	25.88 1.74 -7.44	29.79 2.26 -4.42	24.87 2.23 0.00	22.54 1.89 0.00	23.71 1.65 0.00
LIPA_MISC_IPP 23656	22.71 1.62 0.00	27.92 1.60 -5.15	17.93 1.37 0.00	18.26 1.31 0.00	16.74 1.29 0.00	19.61 1.61 0.00	28.73 2.10 -1.87	31.15 1.69 -11.32	26.74 2.14 -2.77	28.94 2.61 -0.34	26.92 2.53 -0.07	24.54 2.19 -2.99	22.66 0.81 -14.47	24.71 0.17 -22.93	23.02 1.31 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.95 0.50 -29.35	44.24 0.12 -42.81	25.98 1.84 -7.44	29.88 2.34 -4.42	24.91 2.26 0.00	22.63 1.98 0.00	23.72 1.67 0.00
LISF__SOLAR 323691	22.75 1.66 0.00	27.97 1.64 -5.15	17.96 1.40 0.00	18.30 1.35 0.00	16.77 1.31 0.00	19.64 1.63 0.00	28.76 2.12 -1.87	31.20 1.74 -11.32	26.76 2.17 -2.77	28.95 2.62 -0.34	26.91 2.51 -0.07	24.54 2.19 -2.99	22.66 0.81 -14.47	24.71 0.17 -22.93	23.02 1.31 -10.17	26.96 0.12 -25.96	31.43 -0.15 -32.80	33.95 0.51 -29.35	44.25 0.13 -42.82	26.02 1.87 -7.44	29.92 2.39 -4.42	24.94 2.30 0.00	22.67 2.01 0.00	23.76 1.71 0.00
LITTLE FALLS__HYD 24013	21.03 -0.06 0.00	21.06 -0.11 0.00	16.50 -0.06 0.00	16.89 -0.05 0.00	15.49 0.04 0.00	18.04 0.04 0.00	24.81 0.05 0.00	18.20 0.07 0.00	21.82 0.00 0.00	25.82 -0.17 0.00	24.24 -0.09 0.00	19.35 -0.01 0.00	7.35 -0.02 0.00	1.59 -0.01 0.00	11.42 -0.12 0.00	0.87 -0.02 0.00	-1.22 0.00 0.00	4.09 0.00 0.00	1.31 0.00 0.00	16.82 0.11 0.00	23.33 0.22 0.00	22.80 0.15 0.00	20.71 0.06 0.00	21.81 -0.24 0.00
LITTLRIV_115KV_TB1 356100	21.04 -0.05 0.00	21.07 -0.10 0.00	16.43 -0.14 0.00	16.92 -0.02 0.00	15.42 -0.04 0.00	17.85 -0.14 0.00	24.54 -0.22 0.00	17.78 -0.35 0.00	21.32 -0.50 0.00	25.36 -0.64 0.00	23.66 -0.67 0.00	20.64 -0.59 -1.86	9.23 -0.23 -2.09	3.21 -0.06 -1.66	15.86 -0.41 -4.72	4.10 -0.02 -3.24	0.48 0.04 -1.67	3.97 -0.13 0.00	1.30 -0.01 0.00	16.34 -0.36 0.00	22.66 -0.45 0.00	22.27 -0.37 0.00	20.51 -0.14 0.00	22.15 0.10 0.00
LI_NEWBRDGE__DRP 323616	22.21 1.12 0.00	27.44 1.12 -5.15	17.52 0.96 0.00	17.86 0.91 0.00	16.36 0.91 0.00	19.14 1.14 0.00	28.13 1.50 -1.87	30.66 1.20 -11.32	26.16 1.56 -2.77	28.29 1.95 -0.34	26.32 1.93 -0.07	24.05 1.71 -2.99	22.48 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.81	25.51 1.36 -7.44	29.27 1.74 -4.42	24.36 1.71 0.00	22.09 1.44 0.00	23.29 1.24 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.60 0.51 0.00	21.73 0.57 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.59 0.13 0.00	18.33 0.33 0.00	25.32 0.28 -0.28	19.90 0.04 -1.73	22.33 0.09 -0.42	26.12 0.12 0.00	24.22 -0.11 0.00	19.69 -0.13 -0.45	9.50 -0.06 -2.18	5.06 -0.01 -3.46	12.98 -0.06 -1.50	4.63 -0.01 -3.76	3.58 0.00 -4.81	8.38 -0.06 -4.35	7.54 -0.11 -6.35	17.51 -0.30 -1.10	23.60 -0.17 -0.66	22.67 0.02 0.00	20.71 0.06 0.00	22.34 0.29 0.00
LOCKPORT__CC1 323769	21.59 0.50 0.00	21.72 0.56 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.58 0.13 0.00	18.31 0.31 0.00	25.32 0.28 -0.28	19.90 0.03 -1.74	22.30 0.06 -0.42	26.10 0.11 0.00	24.23 -0.10 0.00	19.68 -0.13 -0.45	9.51 -0.05 -2.19	5.07 0.00 -3.47	12.99 -0.06 -1.51	4.65 -0.02 -3.79	3.61 0.00 -4.84	8.41 -0.06 -4.38	7.58 -0.11 -6.39	17.51 -0.30 -1.11	23.60 -0.17 -0.66	22.66 0.01 0.00	20.71 0.06 0.00	22.34 0.28 0.00

LOCKPORT___CC2 323770	21.59 0.50 0.00	21.72 0.56 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.58 0.13 0.00	18.31 0.31 0.00	25.32 0.28 -0.28	19.90 0.03 -1.74	22.30 0.06 -0.42	26.10 0.11 0.00	24.23 -0.10 0.00	19.68 -0.13 -0.45	9.51 -0.05 -2.19	5.07 0.00 -3.47	12.99 -0.06 -1.51	4.65 -0.02 -3.79	3.61 0.00 -4.84	8.41 -0.06 -4.38	7.58 -0.11 -6.39	17.51 -0.30 -1.11	23.60 -0.17 -0.66	22.66 0.01 0.00	20.71 0.06 0.00	22.34 0.28 0.00
LOCKPORT___CC3 323771	21.59 0.50 0.00	21.72 0.56 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.58 0.13 0.00	18.31 0.31 0.00	25.32 0.28 -0.28	19.90 0.03 -1.74	22.30 0.06 -0.42	26.10 0.11 0.00	24.23 -0.10 0.00	19.68 -0.13 -0.45	9.51 -0.05 -2.19	5.07 0.00 -3.47	12.99 -0.06 -1.51	4.65 -0.02 -3.79	3.61 0.00 -4.84	8.41 -0.06 -4.38	7.58 -0.11 -6.39	17.51 -0.30 -1.11	23.60 -0.17 -0.66	22.66 0.01 0.00	20.71 0.06 0.00	22.34 0.28 0.00
LONG_LAKE_PHOENIX 24014	21.56 0.47 0.00	21.60 0.43 0.00	16.88 0.32 0.00	17.24 0.29 0.00	15.71 0.26 0.00	18.38 0.38 0.00	25.54 0.60 -0.17	19.63 0.41 -1.09	22.57 0.48 -0.26	26.59 0.59 0.00	24.83 0.50 0.00	19.98 0.33 -0.29	8.87 0.10 -1.39	3.83 0.02 -2.20	12.65 0.12 -0.97	3.36 0.00 -2.47	1.88 -0.01 -3.12	6.98 0.06 -2.82	5.44 0.02 -4.12	17.73 0.31 -0.72	23.97 0.43 -0.43	23.02 0.38 0.00	20.98 0.32 0.00	22.46 0.40 0.00
LOVETT___3 23632	21.85 0.75 0.00	26.64 0.76 -4.71	17.24 0.68 0.00	17.58 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.68 1.12 -1.80	30.04 0.98 -10.93	25.72 1.22 -2.68	27.79 1.48 -0.32	25.90 1.51 -0.06	23.56 1.32 -2.88	21.85 0.51 -13.96	23.85 0.11 -22.13	22.20 0.84 -9.82	26.00 0.07 -25.05	30.32 -0.09 -31.64	32.72 0.30 -28.33	42.70 0.08 -41.32	24.95 1.07 -7.18	28.77 1.39 -4.26	24.01 1.36 0.00	21.73 1.08 0.00	22.98 0.93 0.00
LOVETT___4 23642	21.85 0.75 0.00	26.64 0.76 -4.71	17.24 0.68 0.00	17.58 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.68 1.12 -1.80	30.04 0.98 -10.93	25.72 1.22 -2.68	27.79 1.48 -0.32	25.90 1.51 -0.06	23.56 1.32 -2.88	21.85 0.51 -13.96	23.85 0.11 -22.13	22.20 0.84 -9.82	26.00 0.07 -25.05	30.32 -0.09 -31.64	32.72 0.30 -28.33	42.70 0.08 -41.32	24.95 1.07 -7.18	28.77 1.39 -4.26	24.01 1.36 0.00	21.73 1.08 0.00	22.98 0.93 0.00
LOVETT___5 23593	21.85 0.75 0.00	26.64 0.76 -4.71	17.24 0.68 0.00	17.58 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.68 1.12 -1.80	30.04 0.98 -10.93	25.72 1.22 -2.68	27.79 1.48 -0.32	25.90 1.51 -0.06	23.56 1.32 -2.88	21.85 0.51 -13.96	23.85 0.11 -22.13	22.20 0.84 -9.82	26.00 0.07 -25.05	30.32 -0.09 -31.64	32.72 0.30 -28.33	42.70 0.08 -41.32	24.95 1.07 -7.18	28.77 1.39 -4.26	24.01 1.36 0.00	21.73 1.08 0.00	22.98 0.93 0.00
LOWER RAQUET___HYD 24057	20.79 -0.30 0.00	20.82 -0.35 0.00	16.24 -0.33 0.00	16.73 -0.22 0.00	15.23 -0.22 0.00	17.63 -0.37 0.00	24.19 -0.57 0.00	17.51 -0.62 0.00	21.00 -0.83 0.00	24.94 -1.05 0.00	23.28 -1.05 0.00	20.49 -0.89 -2.02	9.30 -0.34 -2.27	3.33 -0.08 -1.80	16.09 -0.57 -5.12	4.35 -0.04 -3.51	0.64 0.06 -1.81	3.90 -0.19 0.00	1.28 -0.03 0.00	16.07 -0.63 0.00	22.30 -0.81 0.00	21.96 -0.69 0.00	20.26 -0.39 0.00	21.89 -0.16 0.00
LOWER___HUDSON 24059	21.74 0.65 0.00	13.78 0.69 8.09	17.11 0.54 0.00	17.55 0.61 0.00	16.03 0.57 0.00	18.65 0.65 0.00	27.79 0.92 -2.11	32.91 0.84 -13.93	26.12 0.92 -3.38	26.50 0.97 0.47	25.18 0.94 0.09	23.82 0.79 -3.67	25.50 0.33 -17.80	29.89 0.07 -28.21	24.46 0.47 -12.44	32.22 0.04 -31.29	38.08 -0.05 -39.36	40.38 0.18 -36.11	54.04 0.06 -52.68	26.62 0.76 -9.15	29.66 1.10 -5.44	23.61 0.96 0.00	21.43 0.78 0.00	22.64 0.59 0.00
LOWVILLE_115KV_TB2 356335	21.50 0.41 0.00	21.55 0.39 0.00	16.82 0.26 0.00	17.23 0.28 0.00	15.65 0.20 0.00	18.17 0.17 0.00	24.97 0.13 -0.07	18.64 0.04 -0.47	22.13 0.20 -0.11	26.20 0.20 0.00	24.37 0.04 0.00	20.00 -0.07 -0.71	8.57 -0.06 -1.26	3.05 -0.03 -1.47	13.25 -0.20 -1.91	2.95 -0.02 -2.08	0.67 0.04 -1.87	5.27 -0.04 -1.22	3.06 -0.02 -1.77	16.71 -0.30 -0.31	22.77 -0.53 -0.18	22.12 -0.53 0.00	20.46 -0.19 0.00	22.00 -0.06 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.14 1.05 0.00	15.70 1.07 6.53	17.39 0.83 0.00	17.84 0.89 0.00	16.29 0.84 0.00	19.01 1.01 0.00	28.40 1.48 -2.16	33.48 1.24 -14.11	26.66 1.41 -3.42	27.15 1.53 0.38	25.71 1.45 0.07	24.27 1.19 -3.72	25.87 0.47 -18.03	30.28 0.10 -28.57	24.87 0.72 -12.61	32.71 0.06 -31.77	38.67 -0.08 -39.98	40.93 0.27 -36.57	54.70 0.09 -53.31	27.07 1.10 -9.26	30.17 1.55 -5.50	24.05 1.40 0.00	21.85 1.20 0.00	23.08 1.03 0.00
LUTHERNY_35_KV_BK2 355980	22.16 1.07 0.00	15.71 1.08 6.53	17.39 0.83 0.00	17.83 0.88 0.00	16.30 0.84 0.00	19.00 1.00 0.00	28.42 1.50 -2.16	33.49 1.25 -14.11	26.67 1.43 -3.42	27.16 1.54 0.38	25.69 1.44 0.07	24.25 1.17 -3.72	25.88 0.48 -18.03	30.28 0.10 -28.57	24.88 0.72 -12.61	32.71 0.06 -31.77	38.67 -0.08 -39.98	40.93 0.27 -36.57	54.70 0.08 -53.31	27.08 1.11 -9.26	30.17 1.55 -5.50	24.05 1.40 0.00	21.85 1.19 0.00	23.08 1.03 0.00
LWR___OSWEGATCHIE_HYD 23850	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.88 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.44 0.00	23.82 -0.51 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
LYONS_FALL_HYD 23570	21.53 0.44 0.00	21.59 0.42 0.00	16.86 0.30 0.00	17.26 0.31 0.00	15.70 0.24 0.00	18.26 0.26 0.00	25.17 0.33 -0.07	18.75 0.18 -0.44	22.26 0.33 -0.11	26.37 0.38 0.00	24.58 0.25 0.00	19.98 0.11 -0.51	8.40 0.02 -1.00	2.84 0.00 -1.24	12.90 -0.03 -1.38	2.56 0.00 -1.68	0.39 0.01 -1.61	5.24 0.01 -1.14	2.96 0.00 -1.66	16.96 -0.03 -0.29	23.16 -0.12 -0.17	22.49 -0.15 0.00	20.69 0.04 0.00	22.19 0.14 0.00
MADISON___COUNTY_LFGE 323628	21.69 0.60 0.00	21.73 0.56 0.00	16.99 0.42 0.00	17.37 0.42 0.00	15.82 0.37 0.00	18.47 0.47 0.00	25.59 0.71 -0.12	19.34 0.49 -0.73	22.64 0.64 -0.18	26.75 0.76 0.00	24.96 0.63 0.00	19.99 0.44 -0.19	8.46 0.16 -0.93	3.12 0.04 -1.47	12.44 0.24 -0.65	2.55 0.01 -1.65	0.83 -0.02 -2.08	6.06 0.09 -1.88	4.08 0.03 -2.75	17.60 0.42 -0.48	23.96 0.56 -0.28	23.13 0.48 0.00	21.10 0.44 0.00	22.57 0.52 0.00
MALONE___115KV_TB1 356076	21.20 0.11 0.00	21.27 0.10 0.00	16.51 -0.06 0.00	16.99 0.04 0.00	15.48 0.03 0.00	17.86 -0.14 0.00	24.48 -0.29 0.00	17.76 -0.37 0.00	21.27 -0.55 0.00	25.24 -0.76 0.00	23.46 -0.87 0.00	27.12 -0.81 -8.57	16.68 -0.30 -9.61	9.19 -0.07 -7.65	32.77 -0.50 -21.72	15.74 -0.03 -14.89	6.48 0.05 -7.66	3.93 -0.16 0.00	1.35 0.05 0.00	16.62 -0.08 0.00	22.99 -0.13 0.00	22.65 0.01 0.00	20.69 0.04 0.00	22.20 0.15 0.00

MAPLEWOD_115KV_TB3 80458	21.60 0.51 0.00	15.16 0.55 6.56	17.01 0.44 0.00	17.43 0.48 0.00	15.91 0.46 0.00	18.52 0.52 0.00	27.61 0.74 -2.11	32.62 0.70 -13.79	25.93 0.76 -3.35	26.40 0.78 0.38	25.03 0.77 0.07	23.67 0.67 -3.63	25.26 0.27 -17.61	29.58 0.06 -27.92	24.28 0.42 -12.32	31.95 0.04 -31.03	37.77 -0.05 -39.05	40.02 0.16 -35.76	53.68 0.05 -52.33	26.45 0.66 -9.09	29.45 0.93 -5.40	23.46 0.82 0.00	21.29 0.64 0.00	22.48 0.42 0.00
MAPLE_RIDGE_WT_1 323574	21.12 0.02 0.00	21.21 0.04 0.00	16.60 0.03 0.00	16.95 0.00 0.00	15.36 -0.10 0.00	17.81 -0.18 0.00	24.37 -0.39 0.00	17.82 -0.31 0.00	21.55 -0.27 0.00	25.71 -0.28 0.00	24.05 -0.28 0.00	19.09 -0.27 0.00	7.22 -0.15 0.00	1.57 -0.04 0.00	11.23 -0.32 0.00	0.86 -0.03 0.00	-1.18 0.05 0.00	4.03 -0.06 0.00	1.27 -0.04 0.00	16.15 -0.55 0.00	22.17 -0.94 0.00	21.81 -0.83 0.00	20.09 -0.56 0.00	21.70 -0.35 0.00
MAPLE_RIDGE_WT_2 323611	21.12 0.02 0.00	21.21 0.04 0.00	16.60 0.03 0.00	16.95 0.00 0.00	15.36 -0.10 0.00	17.81 -0.18 0.00	24.37 -0.39 0.00	17.82 -0.31 0.00	21.55 -0.27 0.00	25.71 -0.28 0.00	24.05 -0.28 0.00	19.09 -0.27 0.00	7.22 -0.15 0.00	1.57 -0.04 0.00	11.23 -0.32 0.00	0.86 -0.03 0.00	-1.18 0.05 0.00	4.03 -0.06 0.00	1.27 -0.04 0.00	16.15 -0.55 0.00	22.17 -0.94 0.00	21.81 -0.83 0.00	20.09 -0.56 0.00	21.70 -0.35 0.00
MARBLE_RIVER_WT_PWR 323696	21.05 -0.03 0.00	21.16 -0.01 0.00	16.39 -0.18 0.00	16.86 -0.09 0.00	15.39 -0.07 0.00	17.71 -0.29 0.00	24.21 -0.55 0.00	17.58 -0.55 0.00	21.00 -0.82 0.00	24.87 -1.13 0.00	23.07 -1.26 0.00	5.65 -1.14 12.57	-7.15 -0.43 14.10	-9.71 -0.09 11.22	-21.00 -0.68 31.86	-21.00 -0.04 21.84	-12.40 0.07 11.24	3.87 -0.23 0.00	1.35 0.05 0.00	16.53 -0.17 0.00	22.84 -0.28 0.00	22.54 -0.11 0.00	20.54 -0.12 0.00	21.97 -0.08 0.00
MARSHVLE_115KV_TB1 80742	22.73 1.64 0.00	17.67 1.66 5.15	17.85 1.29 0.00	18.23 1.28 0.00	16.61 1.16 0.00	19.42 1.43 0.00	28.91 1.94 -2.20	33.82 1.45 -14.24	26.87 1.59 -3.46	27.62 1.93 0.29	26.11 1.84 0.06	24.39 1.28 -3.75	26.03 0.46 -18.19	30.52 0.09 -28.83	24.92 0.64 -12.73	33.06 0.06 -32.12	39.12 -0.08 -40.43	41.25 0.26 -36.89	55.17 0.11 -53.75	27.30 1.25 -9.34	30.34 1.68 -5.55	24.44 1.80 0.00	22.41 1.75 0.00	23.99 1.94 0.00
MARSH_HILL_WT_PWR 323713	21.62 0.53 0.00	21.76 0.59 0.00	16.82 0.25 0.00	17.11 0.17 0.00	15.70 0.25 0.00	18.26 0.26 0.00	25.37 0.25 -0.36	20.50 0.11 -2.26	22.64 0.27 -0.55	26.23 0.23 0.00	24.27 -0.06 0.00	19.78 -0.17 -0.59	10.12 -0.13 -2.88	6.14 -0.03 -4.56	13.37 -0.19 -2.01	5.96 -0.01 -5.09	5.22 0.00 -6.44	9.88 -0.05 -5.83	9.83 0.02 -8.51	18.48 0.29 -1.48	24.62 0.63 -0.88	23.23 0.59 0.00	21.06 0.41 0.00	22.68 0.63 0.00
MCINTYRE_115KV_TB2 80467	21.17 0.08 0.00	21.21 0.05 0.00	16.54 -0.02 0.00	17.04 0.09 0.00	15.52 0.07 0.00	17.99 -0.01 0.00	24.74 -0.03 0.00	17.98 -0.15 0.00	21.58 -0.24 0.00	25.69 -0.30 0.00	23.97 -0.36 0.00	20.63 -0.34 -1.61	9.05 -0.14 -1.81	3.01 -0.04 -1.44	15.36 -0.27 -4.09	3.67 -0.01 -2.80	0.24 0.02 -1.44	4.02 -0.08 0.00	1.31 0.01 0.00	16.56 -0.14 0.00	22.96 -0.16 0.00	22.54 -0.10 0.00	20.69 0.04 0.00	22.29 0.24 0.00
MECO____69_KV_BK1 80468	23.17 2.08 0.00	18.09 2.07 5.15	18.17 1.61 0.00	18.56 1.61 0.00	16.94 1.49 0.00	19.85 1.85 0.00	29.64 2.67 -2.20	34.17 1.80 -14.24	26.90 1.62 -3.46	27.73 2.03 0.29	26.19 1.92 0.06	24.41 1.29 -3.75	25.92 0.36 -18.19	30.50 0.06 -28.83	24.93 0.66 -12.73	33.02 0.02 -32.12	39.09 -0.11 -40.43	41.30 0.32 -36.89	55.20 0.15 -53.75	27.72 1.68 -9.34	30.91 2.25 -5.55	24.88 2.23 0.00	22.77 2.12 0.00	24.40 2.35 0.00
MENANDS__115KV_TB5 355628	21.45 0.36 0.00	15.14 0.40 6.42	16.89 0.32 0.00	17.31 0.36 0.00	15.80 0.35 0.00	18.39 0.39 0.00	27.43 0.55 -2.11	32.50 0.56 -13.80	25.78 0.61 -3.35	26.23 0.61 0.37	24.88 0.63 0.07	23.55 0.55 -3.64	25.24 0.23 -17.64	29.61 0.05 -27.95	24.23 0.35 -12.33	31.99 0.03 -31.07	37.83 -0.04 -39.10	40.01 0.13 -35.79	53.60 0.04 -52.26	26.33 0.54 -9.08	29.28 0.77 -5.39	23.31 0.66 0.00	21.15 0.50 0.00	22.33 0.28 0.00
MG INDUSTRY__DRP 24185	21.55 0.46 0.00	17.77 0.52 3.91	16.98 0.42 0.00	17.40 0.45 0.00	15.89 0.44 0.00	18.50 0.50 0.00	27.58 0.71 -2.11	32.33 0.63 -13.56	25.79 0.68 -3.30	26.48 0.71 0.22	24.98 0.69 0.04	23.53 0.59 -3.57	24.94 0.24 -17.32	29.12 0.05 -27.46	24.06 0.39 -12.13	31.55 0.03 -30.63	37.30 -0.04 -38.58	39.39 0.15 -35.14	52.64 0.05 -51.29	26.22 0.60 -8.91	29.26 0.85 -5.29	23.41 0.77 0.00	21.25 0.60 0.00	22.47 0.42 0.00
MID__OSWEGATCHIE_HYD 23849	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.88 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.44 0.00	23.82 -0.51 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
MID__RAQUETTE_HYD 23851	20.79 -0.30 0.00	20.82 -0.35 0.00	16.24 -0.33 0.00	16.73 -0.22 0.00	15.23 -0.22 0.00	17.63 -0.37 0.00	24.19 -0.57 0.00	17.52 -0.62 0.00	21.00 -0.83 0.00	24.94 -1.06 0.00	23.28 -1.05 0.00	20.49 -0.89 -2.02	9.30 -0.34 -2.27	3.33 -0.08 -1.80	16.09 -0.57 -5.12	4.35 -0.04 -3.51	0.64 0.06 -1.81	3.90 -0.19 0.00	1.28 -0.03 0.00	16.07 -0.63 0.00	22.30 -0.81 0.00	21.96 -0.69 0.00	20.26 -0.39 0.00	21.89 -0.16 0.00
MILLIKEN__1 23584	21.68 0.58 0.00	21.70 0.53 0.00	16.96 0.39 0.00	17.29 0.34 0.00	15.78 0.33 0.00	18.46 0.46 0.00	25.87 0.75 -0.36	20.94 0.55 -2.26	22.99 0.62 -0.55	26.70 0.70 0.00	24.84 0.51 0.00	20.27 0.31 -0.60	10.35 0.09 -2.89	6.21 0.02 -4.57	13.71 0.14 -2.02	6.01 0.00 -5.12	5.20 -0.02 -6.45	10.02 0.09 -5.84	9.86 0.04 -8.52	18.70 0.52 -1.48	24.69 0.70 -0.88	23.31 0.67 0.00	21.19 0.53 0.00	22.58 0.53 0.00
MILLIKEN__2 23585	21.68 0.58 0.00	21.70 0.53 0.00	16.96 0.39 0.00	17.29 0.34 0.00	15.78 0.33 0.00	18.46 0.46 0.00	25.87 0.75 -0.36	20.94 0.55 -2.26	22.99 0.62 -0.55	26.70 0.70 0.00	24.84 0.51 0.00	20.27 0.31 -0.60	10.35 0.09 -2.89	6.21 0.02 -4.57	13.71 0.14 -2.02	6.01 0.00 -5.12	5.20 -0.02 -6.45	10.02 0.09 -5.84	9.86 0.04 -8.52	18.70 0.52 -1.48	24.69 0.70 -0.88	23.31 0.67 0.00	21.19 0.53 0.00	22.58 0.53 0.00
MILLIKEN__DIESEL 23629	21.68 0.58 0.00	21.70 0.53 0.00	16.96 0.39 0.00	17.29 0.34 0.00	15.78 0.33 0.00	18.46 0.46 0.00	25.87 0.75 -0.36	20.94 0.55 -2.26	22.99 0.62 -0.55	26.70 0.70 0.00	24.84 0.51 0.00	20.27 0.31 -0.60	10.35 0.09 -2.89	6.21 0.02 -4.57	13.71 0.14 -2.02	6.01 0.00 -5.12	5.20 -0.02 -6.45	10.02 0.09 -5.84	9.86 0.04 -8.52	18.70 0.52 -1.48	24.69 0.70 -0.88	23.31 0.67 0.00	21.19 0.53 0.00	22.58 0.53 0.00

MILLSEAT___LFGE 323607	21.94 0.85 0.00	22.06 0.89 0.00	17.18 0.62 0.00	17.45 0.51 0.00	15.83 0.38 0.00	18.65 0.65 0.00	25.84 0.81 -0.27	20.34 0.52 -1.69	22.84 0.61 -0.41	26.66 0.67 0.00	24.69 0.35 0.00	20.02 0.22 -0.44	9.56 0.06 -2.13	5.00 0.02 -3.37	13.10 0.09 -1.46	4.54 -0.01 -3.66	3.44 -0.01 -4.68	8.34 0.01 -4.24	7.41 -0.08 -6.18	17.86 0.08 -1.07	24.08 0.32 -0.64	23.10 0.45 0.00	21.07 0.42 0.00	22.66 0.61 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.90 0.81 0.00	27.07 0.81 -5.10	17.28 0.71 0.00	17.63 0.69 0.00	16.12 0.66 0.00	18.81 0.81 0.00	27.80 1.18 -1.86	30.41 1.02 -11.25	25.85 1.27 -2.76	27.88 1.55 -0.34	25.97 1.57 -0.07	23.70 1.37 -2.97	22.28 0.52 -14.38	24.51 0.12 -22.79	22.51 0.86 -10.11	26.75 0.07 -25.80	31.27 -0.09 -32.59	33.57 0.31 -29.16	43.93 0.08 -42.54	25.20 1.10 -7.39	28.95 1.45 -4.39	24.07 1.42 0.00	21.78 1.13 0.00	23.02 0.97 0.00
MILLWOOD_13_KV_LOAD 356217	21.95 0.85 0.00	27.11 0.85 -5.10	17.31 0.74 0.00	17.66 0.72 0.00	16.15 0.70 0.00	18.85 0.85 0.00	27.85 1.23 -1.86	30.45 1.07 -11.25	25.91 1.33 -2.76	27.95 1.62 -0.34	26.03 1.63 -0.07	23.74 1.41 -2.97	22.29 0.54 -14.38	24.51 0.12 -22.79	22.55 0.90 -10.11	26.75 0.07 -25.80	31.26 -0.10 -32.59	33.58 0.32 -29.16	43.93 0.09 -42.54	25.25 1.15 -7.39	29.01 1.51 -4.39	24.12 1.47 0.00	21.83 1.18 0.00	23.07 1.02 0.00
MODEL_CITY_ENERGY 24167	21.35 0.25 0.00	21.49 0.32 0.00	16.74 0.18 0.00	17.01 0.06 0.00	15.42 -0.04 0.00	18.12 0.12 0.00	25.04 0.00 -0.28	19.66 -0.21 -1.74	22.03 -0.21 -0.42	25.79 -0.21 0.00	23.94 -0.39 0.00	19.47 -0.34 -0.45	9.43 -0.14 -2.19	5.06 -0.03 -3.48	12.88 -0.18 -1.52	4.68 -0.02 -3.81	3.66 0.01 -4.87	8.40 -0.11 -4.41	7.61 -0.13 -6.44	17.32 -0.51 -1.12	23.33 -0.45 -0.66	22.40 -0.24 0.00	20.49 -0.16 0.00	22.10 0.04 0.00
MODERN_LFGE___ 323580	21.35 0.25 0.00	21.49 0.32 0.00	16.74 0.18 0.00	17.01 0.06 0.00	15.42 -0.04 0.00	18.12 0.12 0.00	25.04 0.00 -0.28	19.66 -0.21 -1.74	22.03 -0.21 -0.42	25.79 -0.21 0.00	23.94 -0.39 0.00	19.47 -0.34 -0.45	9.43 -0.14 -2.19	5.06 -0.03 -3.48	12.88 -0.18 -1.52	4.68 -0.02 -3.81	3.66 0.01 -4.87	8.40 -0.11 -4.41	7.61 -0.13 -6.44	17.32 -0.51 -1.12	23.33 -0.45 -0.66	22.40 -0.24 0.00	20.49 -0.16 0.00	22.10 0.04 0.00
MOHAWK_PAPER___DRP 24187	21.60 0.51 0.00	15.16 0.55 6.56	17.01 0.44 0.00	17.43 0.48 0.00	15.91 0.46 0.00	18.52 0.52 0.00	27.61 0.74 -2.11	32.62 0.70 -13.79	25.93 0.76 -3.35	26.40 0.78 0.38	25.03 0.77 0.07	23.67 0.67 -3.63	25.26 0.27 -17.61	29.58 0.06 -27.92	24.28 0.42 -12.32	31.95 0.04 -31.03	37.77 -0.05 -39.05	40.02 0.16 -35.76	53.68 0.05 -52.33	26.45 0.66 -9.09	29.45 0.93 -5.40	23.46 0.82 0.00	21.29 0.64 0.00	22.48 0.42 0.00
MOHICAN___35_KV_115KV_LD 80490	22.38 1.29 0.00	16.02 1.28 6.43	17.57 1.01 0.00	18.05 1.11 0.00	16.50 1.05 0.00	19.28 1.28 0.00	28.86 1.93 -2.16	33.89 1.63 -14.12	27.12 1.88 -3.43	27.62 2.00 0.37	26.10 1.84 0.07	24.58 1.50 -3.72	26.00 0.58 -18.04	30.33 0.13 -28.59	25.05 0.89 -12.62	32.75 0.07 -31.80	38.69 -0.09 -40.01	41.01 0.33 -36.59	54.75 0.10 -53.34	27.29 1.32 -9.27	30.49 1.87 -5.51	24.33 1.68 0.00	22.14 1.49 0.00	23.34 1.29 0.00
MONGAUP___HYD 23641	21.78 0.69 0.00	25.92 0.69 -4.06	17.24 0.68 0.00	17.59 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.54 1.12 -1.66	29.09 0.88 -10.08	25.34 1.05 -2.47	27.43 1.16 -0.27	25.46 1.08 -0.05	22.92 0.90 -2.66	20.61 0.36 -12.88	22.10 0.08 -20.41	21.20 0.61 -9.05	24.02 0.05 -23.09	27.85 -0.07 -29.16	30.44 0.22 -26.12	39.48 0.07 -38.11	24.26 0.93 -6.62	28.40 1.35 -3.93	23.92 1.28 0.00	21.69 1.04 0.00	22.97 0.92 0.00
MONTAUK___DIESEL 23721	23.37 2.28 0.00	28.61 2.29 -5.15	18.44 1.87 0.00	18.77 1.83 0.00	17.21 1.76 0.00	20.20 2.20 0.00	29.61 2.97 -1.87	32.00 2.54 -11.32	27.75 3.16 -2.77	30.17 3.84 -0.34	28.13 3.73 -0.07	25.50 3.15 -2.99	23.02 1.17 -14.47	24.79 0.25 -22.93	23.61 1.90 -10.17	27.01 0.16 -25.96	31.36 -0.21 -32.80	34.18 0.73 -29.35	44.31 0.19 -42.81	26.88 2.73 -7.44	31.08 3.55 -4.42	26.06 3.41 0.00	23.57 2.92 0.00	24.50 2.44 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.20 1.11 0.00	22.26 1.10 0.00	17.39 0.83 0.00	17.63 0.68 0.00	16.02 0.57 0.00	18.77 0.77 0.00	26.10 1.03 -0.31	20.80 0.74 -1.94	23.21 0.93 -0.46	27.22 1.22 0.00	25.00 0.67 0.00	20.35 0.49 -0.50	9.98 0.18 -2.43	5.50 0.05 -3.85	13.59 0.36 -1.69	5.15 0.01 -4.27	4.23 -0.03 -5.49	9.17 0.11 -4.97	8.53 -0.03 -7.25	18.37 0.41 -1.26	24.51 0.64 -0.75	23.55 0.91 0.00	21.37 0.72 0.00	23.08 1.03 0.00
MORTIMER_115KV_TB3 55949	21.89 0.80 0.00	21.98 0.81 0.00	17.14 0.57 0.00	17.44 0.49 0.00	15.84 0.38 0.00	18.65 0.65 0.00	25.90 0.90 -0.24	20.47 0.85 -1.49	23.21 1.02 -0.36	27.15 1.16 0.00	25.16 0.83 0.00	20.33 0.58 -0.39	9.47 0.21 -1.89	4.65 0.05 -2.99	13.02 0.17 -1.30	4.14 -0.01 -3.27	2.92 -0.01 -4.16	7.87 0.01 -3.77	6.75 -0.05 -5.50	17.72 0.06 -0.96	23.88 0.20 -0.57	22.92 0.27 0.00	20.87 0.22 0.00	22.37 0.32 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.04 0.95 0.00	27.25 0.93 -5.15	17.38 0.82 0.00	17.72 0.78 0.00	16.22 0.77 0.00	18.93 0.93 0.00	27.98 1.35 -1.87	30.59 1.13 -11.32	26.04 1.44 -2.77	28.12 1.78 -0.34	26.19 1.80 -0.07	23.91 1.56 -2.99	22.43 0.60 -14.47	24.67 0.13 -22.93	22.69 0.98 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.10 1.57 -4.42	24.20 1.55 0.00	21.90 1.24 0.00	23.11 1.06 0.00
MUNSVILLE_WIND_PWR 323609	22.58 1.49 0.00	22.54 1.37 0.00	17.60 1.04 0.00	17.99 1.04 0.00	16.39 0.93 0.00	19.08 1.09 0.00	27.11 1.79 -0.56	22.97 1.35 -3.49	24.32 1.65 -0.85	27.92 1.92 0.00	25.89 1.56 0.00	21.31 1.03 -0.92	12.21 0.37 -4.46	8.78 0.10 -7.08	15.24 0.57 -3.13	8.84 0.02 -7.93	8.69 -0.06 -9.98	13.38 0.25 -9.04	14.62 0.14 -13.18	20.48 1.48 -2.29	26.49 2.01 -1.36	24.45 1.81 0.00	22.15 1.50 0.00	23.57 1.52 0.00
N SALMON___HYD 24042	21.20 0.11 0.00	21.27 0.10 0.00	16.51 -0.06 0.00	16.99 0.04 0.00	15.48 0.03 0.00	17.86 -0.14 0.00	24.47 -0.29 0.00	17.77 -0.36 0.00	21.27 -0.55 0.00	25.23 -0.76 0.00	23.46 -0.87 0.00	27.12 -0.81 -8.57	16.68 -0.30 -9.61	9.19 -0.07 -7.65	32.76 -0.50 -21.72	15.74 -0.03 -14.89	6.49 0.06 -7.66	3.93 -0.16 0.00	1.35 0.05 0.00	16.62 -0.08 0.00	22.99 -0.13 0.00	22.65 0.01 0.00	20.69 0.04 0.00	22.20 0.15 0.00
N.AKRON___115KV_KNAPP 355671	21.86 0.77 0.00	21.99 0.82 0.00	17.13 0.56 0.00	17.39 0.45 0.00	15.78 0.32 0.00	18.57 0.57 0.00	25.70 0.66 -0.27	20.21 0.37 -1.71	22.70 0.47 -0.41	26.53 0.53 0.00	24.57 0.24 0.00	19.94 0.14 -0.44	9.55 0.03 -2.15	5.03 0.01 -3.41	13.08 0.05 -1.48	4.58 0.00 -3.70	3.49 -0.01 -4.73	8.38 0.00 -4.28	7.46 -0.09 -6.25	17.78 -0.01 -1.09	23.96 0.20 -0.64	23.00 0.36 0.00	21.00 0.34 0.00	22.61 0.55 0.00

N.BELMOR_69_KV_BK1 55787	22.36 1.27 0.00	27.60 1.27 -5.15	17.63 1.07 0.00	17.97 1.03 0.00	16.45 1.00 0.00	19.25 1.26 0.00	28.31 1.67 -1.87	30.81 1.35 -11.32	26.33 1.73 -2.77	28.48 2.15 -0.34	26.51 2.11 -0.07	24.20 1.85 -2.99	22.54 0.69 -14.47	24.69 0.15 -22.93	22.84 1.12 -10.17	26.94 0.10 -25.96	31.44 -0.12 -32.80	33.86 0.41 -29.35	44.22 0.10 -42.81	25.66 1.52 -7.44	29.49 1.95 -4.42	24.57 1.93 0.00	22.27 1.62 0.00	23.46 1.41 0.00
N.E_GEN_SANDY PD 24062	21.61 0.52 0.00	-20.67 0.57 42.40	16.58 0.48 0.45	17.94 0.53 -0.46	15.97 0.52 0.00	18.59 0.59 0.00	27.00 0.78 -1.46	31.60 0.77 -12.70	25.30 0.85 -2.63	24.32 0.91 2.59	24.78 0.93 0.48	23.55 0.84 -3.35	23.94 0.34 -16.22	27.39 0.07 -25.71	23.33 0.52 -11.27	27.93 0.04 -27.00	32.25 -0.06 -33.53	37.19 0.19 -32.91	49.36 0.05 -48.00	25.80 0.76 -8.34	29.55 1.07 -5.37	23.60 0.95 0.00	21.47 0.76 -0.05	22.27 0.55 0.34
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.88 0.79 0.00	26.65 0.79 -4.68	17.27 0.70 0.00	17.61 0.66 0.00	16.10 0.64 0.00	18.79 0.79 0.00	27.72 1.16 -1.80	30.05 1.01 -10.91	25.75 1.25 -2.67	27.84 1.53 -0.31	25.95 1.56 -0.06	23.59 1.35 -2.88	21.83 0.52 -13.93	23.81 0.12 -22.08	22.20 0.86 -9.80	25.95 0.07 -24.99	30.25 -0.09 -31.57	32.67 0.31 -28.27	42.62 0.08 -41.23	24.97 1.10 -7.16	28.80 1.44 -4.25	24.05 1.40 0.00	21.77 1.12 0.00	23.02 0.97 0.00
N.QUEENS_27_KV_LOAD 356247	22.10 1.01 0.00	27.29 0.97 -5.15	17.44 0.88 0.00	17.77 0.82 0.00	16.26 0.81 0.00	18.96 0.96 0.00	27.96 1.33 -1.87	30.61 1.15 -11.32	26.09 1.49 -2.78	28.19 1.85 -0.34	26.24 1.83 -0.07	23.95 1.60 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.73 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.21 0.10 -42.81	25.39 1.25 -7.44	29.13 1.60 -4.42	24.27 1.62 0.00	21.94 1.28 0.00	23.14 1.09 0.00
N.TROY___115KV_TB1 355778	21.74 0.65 0.00	13.78 0.69 8.09	17.11 0.55 0.00	17.55 0.61 0.00	16.03 0.57 0.00	18.66 0.65 0.00	27.80 0.92 -2.11	32.91 0.84 -13.93	26.12 0.93 -3.38	26.49 0.97 0.47	25.19 0.95 0.09	23.82 0.79 -3.67	25.50 0.33 -17.80	29.89 0.07 -28.21	24.46 0.47 -12.44	32.22 0.04 -31.29	38.08 -0.05 -39.36	40.38 0.18 -36.11	54.04 0.06 -52.68	26.62 0.76 -9.15	29.66 1.11 -5.44	23.61 0.96 0.00	21.43 0.78 0.00	22.64 0.59 0.00
NARROWS_GT1_1 24228	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_2 24229	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_3 24230	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_4 24231	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_5 24232	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_6 24233	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_7 24234	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT1_8 24235	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_1 24236	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_2 24237	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00

NARROWS_GT2_3 24238	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_4 24239	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_5 24240	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_6 24241	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_7 24242	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NARROWS_GT2_8 24243	22.25 1.16 0.00	27.45 1.12 -5.15	17.54 0.97 0.00	17.88 0.93 0.00	16.37 0.91 0.00	19.10 1.10 0.00	28.21 1.57 -1.87	30.72 1.26 -11.32	26.27 1.66 -2.78	28.35 2.01 -0.34	26.38 1.98 -0.07	186.71 1.66 -165.68	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.80 0.71 0.00	19.09 0.76 2.84	17.15 0.59 0.00	17.59 0.64 0.00	16.06 0.60 0.00	18.73 0.72 0.00	27.90 1.09 -2.04	32.14 0.96 -13.04	26.01 1.02 -3.17	26.86 1.02 0.16	25.16 0.86 0.03	23.45 0.65 -3.44	24.30 0.27 -16.66	28.07 0.06 -26.41	23.66 0.45 -11.67	30.43 0.04 -29.50	35.88 -0.05 -37.16	38.09 0.19 -33.81	50.71 0.07 -49.33	26.23 0.96 -8.57	29.57 1.36 -5.09	23.84 1.20 0.00	21.60 0.95 0.00	22.73 0.68 0.00
NCHELSEA_115KV_TR2 355582	22.01 0.92 0.00	25.92 0.91 -3.84	17.34 0.78 0.00	17.71 0.77 0.00	16.19 0.74 0.00	18.90 0.90 0.00	27.93 1.30 -1.86	30.68 1.16 -11.38	26.01 1.41 -2.79	27.93 1.68 -0.26	26.05 1.67 -0.05	23.80 1.44 -3.00	22.47 0.55 -14.54	24.78 0.12 -23.05	22.67 0.91 -10.22	26.99 0.08 -26.03	31.54 -0.10 -32.87	33.93 0.33 -29.50	44.43 0.10 -43.03	25.43 1.25 -7.48	29.22 1.66 -4.44	24.24 1.60 0.00	21.95 1.29 0.00	23.18 1.13 0.00
NEG CAPITAL___MECHNVIL 23645	22.10 1.01 0.00	15.10 1.02 7.09	17.36 0.80 0.00	17.81 0.86 0.00	16.27 0.81 0.00	18.97 0.97 0.00	28.33 1.42 -2.15	33.40 1.21 -14.06	26.59 1.36 -3.41	27.07 1.48 0.41	25.66 1.41 0.08	24.22 1.15 -3.71	25.80 0.46 -17.96	30.18 0.10 -28.47	24.80 0.70 -12.56	32.57 0.06 -31.63	38.49 -0.08 -39.79	40.79 0.26 -36.43	54.52 0.08 -53.13	27.03 1.10 -9.23	30.14 1.54 -5.48	24.03 1.38 0.00	21.81 1.16 0.00	23.04 0.99 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.07 -0.02 0.00	21.16 -0.01 0.00	16.51 -0.05 0.00	16.82 -0.13 0.00	15.31 -0.15 0.00	17.95 -0.05 0.00	24.95 -0.04 -0.23	19.47 -0.08 -1.42	22.03 -0.13 -0.34	25.86 -0.14 0.00	24.09 -0.23 0.00	19.48 -0.25 -0.37	9.08 -0.10 -1.80	4.45 -0.02 -2.86	12.64 -0.17 -1.27	4.06 -0.03 -3.21	2.85 0.01 -4.07	7.72 -0.05 -3.69	6.63 -0.05 -5.37	17.45 -0.18 -0.93	23.48 -0.19 -0.55	22.49 -0.16 0.00	20.46 -0.19 0.00	21.92 -0.13 0.00
NEG CENTRAL___DRP 24199	21.46 0.36 0.00	21.49 0.32 0.00	16.78 0.22 0.00	17.10 0.15 0.00	15.60 0.15 0.00	18.28 0.28 0.00	25.47 0.46 -0.24	20.01 0.34 -1.54	22.56 0.36 -0.37	26.42 0.43 0.00	24.58 0.25 0.00	19.88 0.11 -0.40	9.36 0.02 -1.96	4.73 0.01 -3.11	12.96 0.04 -1.38	4.37 0.00 -3.49	3.17 -0.01 -4.41	8.12 0.04 -3.99	7.13 0.01 -5.82	17.97 0.26 -1.01	24.09 0.38 -0.60	23.02 0.38 0.00	20.92 0.26 0.00	22.35 0.29 0.00
NEG CENTRAL___INDECK 23768	22.09 0.99 0.00	22.16 0.99 0.00	17.23 0.66 0.00	17.53 0.58 0.00	15.98 0.53 0.00	18.75 0.75 0.00	26.16 1.09 -0.31	20.77 0.71 -1.93	23.11 0.82 -0.47	26.85 0.85 0.00	24.79 0.46 0.00	20.17 0.29 -0.51	9.89 0.05 -2.46	5.52 0.01 -3.90	13.35 0.08 -1.73	5.26 0.00 -4.38	4.30 -0.02 -5.55	9.16 0.04 -5.02	8.63 0.00 -7.32	18.65 0.67 -1.27	25.00 1.13 -0.76	23.77 1.13 0.00	21.58 0.93 0.00	23.11 1.05 0.00
NEG CENTRAL___SENECA 23627	21.61 0.52 0.00	21.62 0.45 0.00	16.87 0.31 0.00	17.18 0.23 0.00	15.68 0.22 0.00	18.36 0.36 0.00	25.61 0.58 -0.27	20.24 0.43 -1.67	22.69 0.46 -0.41	26.54 0.55 0.00	24.64 0.31 0.00	19.94 0.14 -0.44	9.53 0.03 -2.13	5.00 0.01 -3.38	13.11 0.07 -1.49	4.67 0.00 -3.79	3.55 -0.01 -4.79	8.48 0.05 -4.33	7.64 0.02 -6.32	18.13 0.33 -1.10	24.28 0.51 -0.65	23.15 0.50 0.00	21.02 0.37 0.00	22.50 0.45 0.00
NEG CENTRAL___STATE_STREET 24147	21.55 0.46 0.00	21.60 0.44 0.00	16.89 0.33 0.00	17.16 0.22 0.00	15.70 0.25 0.00	18.40 0.40 0.00	25.67 0.66 -0.24	20.18 0.52 -1.52	22.77 0.58 -0.37	26.68 0.68 0.00	24.87 0.53 0.00	20.15 0.39 -0.40	9.45 0.13 -1.94	4.72 0.03 -3.08	13.08 0.17 -1.36	4.33 0.01 -3.45	3.10 -0.02 -4.35	8.12 0.09 -3.93	7.08 0.03 -5.74	18.19 0.49 -1.00	24.30 0.59 -0.59	23.27 0.62 0.00	21.12 0.47 0.00	22.38 0.33 0.00
NEG MILLWOOD___DRP 24198	22.05 0.96 0.00	26.53 0.95 -4.41	17.37 0.81 0.00	17.73 0.79 0.00	16.22 0.76 0.00	18.95 0.95 0.00	28.01 1.36 -1.89	30.79 1.19 -11.47	26.08 1.45 -2.81	28.03 1.74 -0.29	26.11 1.73 -0.06	23.88 1.50 -3.02	22.60 0.57 -14.66	24.96 0.13 -23.23	22.78 0.93 -10.30	27.22 0.08 -26.26	31.84 -0.10 -33.17	34.16 0.34 -29.73	44.77 0.10 -43.37	25.51 1.28 -7.54	29.28 1.69 -4.48	24.27 1.62 0.00	21.96 1.31 0.00	23.19 1.14 0.00



NEG NORTH_FLCN_SEA 23793	21.13 0.03 0.00	21.23 0.07 0.00	16.45 -0.12 0.00	16.92 -0.02 0.00	15.45 0.00 0.00	17.81 -0.19 0.00	24.38 -0.38 0.00	17.68 -0.45 0.00	21.14 -0.68 0.00	24.99 -1.01 0.00	23.18 -1.15 0.00	5.64 -1.04 12.69	-7.24 -0.38 14.23	-9.81 -0.09 11.32	-21.24 -0.64 32.15	-21.20 -0.04 22.04	-12.51 0.06 11.34	3.88 -0.21 0.00	1.38 0.08 0.00	16.72 0.02 0.00	23.11 -0.01 0.00	22.84 0.19 0.00	20.77 0.11 0.00	22.18 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	21.11 0.02 0.00	21.21 0.05 0.00	16.43 -0.13 0.00	16.91 -0.04 0.00	15.42 -0.04 0.00	17.74 -0.26 0.00	24.28 -0.48 0.00	17.62 -0.51 0.00	21.07 -0.75 0.00	24.99 -1.01 0.00	23.19 -1.14 0.00	4.81 -1.06 13.50	-8.15 -0.39 15.14	-10.53 -0.09 12.05	-23.28 -0.63 34.20	-22.60 -0.04 23.44	-13.23 0.06 12.07	3.89 -0.20 0.00	1.36 0.05 0.00	16.59 -0.12 0.00	22.92 -0.20 0.00	22.59 -0.06 0.00	20.58 -0.07 0.00	22.04 -0.01 0.00
NEG NORTH___ALICE_FALLS 23915	21.20 0.11 0.00	21.31 0.14 0.00	16.51 -0.06 0.00	16.98 0.03 0.00	15.50 0.04 0.00	17.86 -0.14 0.00	24.47 -0.29 0.00	17.75 -0.38 0.00	21.23 -0.59 0.00	25.11 -0.88 0.00	23.29 -1.04 0.00	5.59 -0.96 12.82	-7.36 -0.36 14.37	-9.91 -0.08 11.44	-21.52 -0.59 32.48	-21.41 -0.04 22.26	-12.63 0.06 11.46	3.90 -0.19 0.00	1.38 0.07 0.00	16.76 0.05 0.00	23.16 0.04 0.00	22.87 0.22 0.00	20.79 0.13 0.00	22.21 0.16 0.00
NEG NORTH___LWR_SARANAC 23913	21.20 0.11 0.00	21.31 0.14 0.00	16.51 -0.06 0.00	16.98 0.03 0.00	15.50 0.04 0.00	17.86 -0.14 0.00	24.47 -0.29 0.00	17.75 -0.38 0.00	21.23 -0.59 0.00	25.11 -0.88 0.00	23.29 -1.04 0.00	5.59 -0.96 12.82	-7.36 -0.36 14.37	-9.91 -0.08 11.44	-21.52 -0.59 32.48	-21.41 -0.04 22.26	-12.63 0.06 11.46	3.90 -0.19 0.00	1.38 0.07 0.00	16.76 0.05 0.00	23.16 0.04 0.00	22.87 0.22 0.00	20.79 0.13 0.00	22.21 0.16 0.00
NEG NORTH___PLATTSBURG 23628	21.20 0.11 0.00	21.31 0.14 0.00	16.51 -0.06 0.00	16.98 0.03 0.00	15.50 0.05 0.00	17.86 -0.14 0.00	24.46 -0.30 0.00	17.76 -0.37 0.00	21.23 -0.59 0.00	25.10 -0.89 0.00	23.28 -1.05 0.00	5.59 -0.95 12.82	-7.36 -0.36 14.37	-9.91 -0.08 11.44	-21.52 -0.59 32.48	-21.42 -0.04 22.26	-12.62 0.07 11.46	3.90 -0.19 0.00	1.38 0.07 0.00	16.76 0.05 0.00	23.16 0.04 0.00	22.87 0.22 0.00	20.79 0.13 0.00	22.21 0.16 0.00
NEG WEST_LEA_LOCKPORT 23791	21.59 0.50 0.00	21.72 0.56 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.58 0.13 0.00	18.31 0.31 0.00	25.30 0.27 -0.28	19.90 0.03 -1.74	22.32 0.08 -0.42	26.12 0.12 0.00	24.22 -0.11 0.00	19.69 -0.13 -0.45	9.51 -0.06 -2.19	5.07 -0.01 -3.47	12.99 -0.07 -1.51	4.65 -0.01 -3.79	3.61 0.00 -4.84	8.41 -0.06 -4.38	7.58 -0.11 -6.39	17.51 -0.31 -1.11	23.60 -0.18 -0.66	22.66 0.01 0.00	20.71 0.06 0.00	22.34 0.28 0.00
NEG WEST___LANCASTR 23811	21.87 0.78 0.00	21.91 0.75 0.00	17.08 0.52 0.00	17.33 0.39 0.00	15.75 0.29 0.00	18.48 0.48 0.00	25.67 0.60 -0.31	20.36 0.31 -1.92	22.75 0.47 -0.46	26.74 0.75 0.00	24.74 0.41 0.00	20.05 0.20 -0.49	9.81 0.03 -2.40	5.43 0.02 -3.81	13.35 0.14 -1.67	5.10 0.00 -4.22	4.19 -0.02 -5.43	9.03 0.02 -4.92	8.40 -0.08 -7.18	17.96 0.01 -1.25	24.10 0.25 -0.74	23.14 0.50 0.00	21.10 0.45 0.00	22.72 0.67 0.00
NEG_PENN_ALLEGHNY 23528	21.57 0.48 0.00	21.57 0.41 0.00	16.87 0.31 0.00	17.22 0.27 0.00	15.71 0.25 0.00	18.34 0.34 0.00	25.87 0.55 -0.55	22.05 0.44 -3.48	23.19 0.52 -0.85	26.67 0.68 0.00	24.84 0.51 0.00	20.62 0.33 -0.92	11.95 0.11 -4.46	8.71 0.03 -7.08	14.88 0.20 -3.13	8.82 0.02 -7.93	8.71 -0.02 -9.96	13.20 0.09 -9.02	14.49 0.03 -13.16	19.37 0.38 -2.29	25.03 0.56 -1.36	23.21 0.57 0.00	21.07 0.42 0.00	22.49 0.44 0.00
NEG___GEN_MONROE 24207	22.05 0.96 0.00	22.15 0.98 0.00	17.26 0.70 0.00	17.56 0.61 0.00	15.94 0.48 0.00	18.78 0.78 0.00	26.08 1.07 -0.24	20.59 0.96 -1.50	23.35 1.17 -0.36	27.29 1.29 0.00	25.24 0.91 0.00	20.39 0.64 -0.39	9.50 0.22 -1.90	4.67 0.05 -3.01	13.07 0.22 -1.31	4.17 0.00 -3.29	2.94 -0.02 -4.19	7.94 0.05 -3.79	6.80 -0.04 -5.53	17.91 0.25 -0.96	24.15 0.46 -0.57	23.17 0.52 0.00	21.09 0.43 0.00	22.57 0.52 0.00
NEPA___ENERGY 23901	21.85 0.76 0.00	21.78 0.61 0.00	17.01 0.44 0.00	17.21 0.27 0.00	15.66 0.20 0.00	18.36 0.36 0.00	25.58 0.51 -0.31	20.48 0.41 -1.95	22.82 0.53 -0.46	26.88 0.88 0.00	24.73 0.40 0.00	20.06 0.20 -0.50	9.85 0.04 -2.43	5.48 0.02 -3.86	13.44 0.20 -1.69	5.17 0.00 -4.28	4.26 -0.02 -5.52	9.15 0.06 -4.99	8.56 -0.03 -7.28	18.05 0.08 -1.27	24.16 0.29 -0.75	23.22 0.58 0.00	21.06 0.41 0.00	22.71 0.65 0.00
NEVERSINK___HYD 23608	21.69 0.61 0.00	24.21 0.58 -2.46	17.08 0.51 0.00	17.43 0.48 0.00	15.94 0.48 0.00	18.62 0.62 0.00	27.22 0.94 -1.52	28.17 0.71 -9.32	24.96 0.86 -2.28	27.12 0.99 -0.14	25.34 0.98 -0.03	22.61 0.79 -2.46	19.41 0.13 -11.91	20.51 0.03 -18.88	20.17 0.26 -8.36	22.17 0.02 -21.27	25.58 -0.03 -26.84	28.36 0.11 -24.16	36.58 0.03 -35.24	23.29 0.46 -6.12	27.85 1.10 -3.64	23.73 1.08 0.00	21.53 0.88 0.00	22.83 0.78 0.00
NEWKRMKL_115KV_TB1 55635	21.35 0.25 0.00	15.65 0.29 5.81	16.81 0.24 0.00	17.22 0.27 0.00	15.72 0.27 0.00	18.30 0.30 0.00	27.33 0.44 -2.12	32.42 0.47 -13.82	25.67 0.50 -3.35	26.15 0.49 0.33	24.78 0.52 0.07	23.47 0.47 -3.64	25.22 0.20 -17.65	29.63 0.04 -27.98	24.20 0.30 -12.35	32.04 0.03 -31.13	37.92 -0.03 -39.18	40.03 0.12 -35.82	53.62 0.03 -52.28	26.26 0.47 -9.08	29.17 0.66 -5.40	23.20 0.55 0.00	21.05 0.40 0.00	22.25 0.20 0.00
NEWTON___FALLS_HYD 23847	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.88 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.44 0.00	23.82 -0.51 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
NGRID_A1_DSASP 323792	21.39 0.30 0.00	21.55 0.38 0.00	16.78 0.22 0.00	17.05 0.10 0.00	15.46 0.00 0.00	18.15 0.15 0.00	25.05 0.01 -0.28	19.53 -0.34 -1.73	21.79 -0.45 -0.42	25.53 -0.47 0.00	23.73 -0.60 0.00	19.31 -0.51 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.78 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.02 -4.90	8.38 -0.15 -4.43	7.62 -0.14 -6.46	17.16 -0.66 -1.12	23.11 -0.67 -0.67	22.19 -0.46 0.00	20.32 -0.33 0.00	22.09 0.04 0.00
NGRID_A2_DSASP 323793	21.39 0.30 0.00	21.55 0.38 0.00	16.78 0.22 0.00	17.05 0.10 0.00	15.46 0.00 0.00	18.15 0.15 0.00	25.05 0.01 -0.28	19.53 -0.34 -1.73	21.79 -0.45 -0.42	25.53 -0.47 0.00	23.73 -0.60 0.00	19.31 -0.51 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.78 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.02 -4.90	8.38 -0.15 -4.43	7.62 -0.14 -6.46	17.16 -0.66 -1.12	23.11 -0.67 -0.67	22.19 -0.46 0.00	20.32 -0.33 0.00	22.09 0.04 0.00

NGRID_A4_DSASP 323807	21.39 0.30 0.00	21.55 0.38 0.00	16.79 0.22 0.00	17.05 0.10 0.00	15.45 0.00 0.00	18.15 0.15 0.00	25.03 -0.01 -0.28	19.53 -0.33 -1.73	21.81 -0.43 -0.42	25.54 -0.46 0.00	23.72 -0.61 0.00	19.31 -0.50 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.77 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.03 -4.90	8.38 -0.15 -4.43	7.63 -0.14 -6.46	17.16 -0.67 -1.12	23.10 -0.68 -0.67	22.19 -0.46 0.00	20.31 -0.34 0.00	22.09 0.04 0.00
NIAGARA_115E_LBMP 323715	21.21 0.12 0.00	21.37 0.20 0.00	16.65 0.08 0.00	16.91 -0.04 0.00	15.33 -0.13 0.00	18.02 0.02 0.00	24.88 -0.16 -0.28	19.54 -0.34 -1.75	21.88 -0.36 -0.42	25.61 -0.39 0.00	23.80 -0.54 0.00	19.36 -0.46 -0.45	9.39 -0.18 -2.20	5.06 -0.03 -3.49	12.83 -0.24 -1.52	4.70 -0.02 -3.83	3.70 0.02 -4.91	8.40 -0.14 -4.44	7.65 -0.14 -6.48	17.21 -0.62 -1.13	23.18 -0.60 -0.67	22.26 -0.39 0.00	20.37 -0.28 0.00	21.97 -0.08 0.00
NIAGARA_115W_LBMP 323714	21.36 0.26 0.00	21.52 0.35 0.00	16.76 0.19 0.00	17.02 0.08 0.00	15.43 -0.02 0.00	18.12 0.12 0.00	25.01 -0.03 -0.28	19.48 -0.38 -1.73	21.74 -0.50 -0.42	25.45 -0.54 0.00	23.66 -0.67 0.00	19.26 -0.55 -0.45	9.34 -0.22 -2.18	5.02 -0.04 -3.45	12.74 -0.32 -1.51	4.67 -0.04 -3.82	3.69 0.03 -4.89	8.36 -0.16 -4.43	7.61 -0.15 -6.46	17.12 -0.71 -1.12	23.05 -0.73 -0.67	22.13 -0.52 0.00	20.26 -0.39 0.00	22.05 0.00 0.00
NIAGARA_230_LBMP 323716	21.37 0.28 0.00	21.52 0.35 0.00	16.76 0.20 0.00	17.02 0.08 0.00	15.44 -0.02 0.00	18.12 0.12 0.00	25.04 0.00 -0.27	19.64 -0.20 -1.71	22.00 -0.23 -0.41	25.79 -0.20 0.00	23.96 -0.37 0.00	19.47 -0.33 -0.44	9.40 -0.12 -2.15	4.99 -0.02 -3.41	12.87 -0.17 -1.50	4.63 -0.04 -3.78	3.62 0.01 -4.84	8.37 -0.10 -4.38	7.56 -0.13 -6.39	17.32 -0.49 -1.11	23.34 -0.43 -0.66	22.41 -0.24 0.00	20.50 -0.15 0.00	22.13 0.07 0.00
NIAGARA__115KV_198_GIBSON 55903	21.36 0.27 0.00	21.51 0.34 0.00	16.76 0.20 0.00	17.02 0.07 0.00	15.43 -0.02 0.00	18.12 0.12 0.00	24.99 -0.05 -0.28	19.48 -0.37 -1.73	21.76 -0.48 -0.42	25.47 -0.52 0.00	23.65 -0.68 0.00	19.27 -0.55 -0.45	9.33 -0.22 -2.18	5.02 -0.04 -3.45	12.74 -0.32 -1.51	4.67 -0.03 -3.82	3.69 0.03 -4.89	8.36 -0.16 -4.43	7.61 -0.15 -6.46	17.11 -0.71 -1.12	23.04 -0.74 -0.67	22.13 -0.52 0.00	20.26 -0.39 0.00	22.05 0.00 0.00
NIAGARA____ 23760	21.37 0.28 0.00	21.52 0.35 0.00	16.76 0.20 0.00	17.02 0.08 0.00	15.44 -0.02 0.00	18.12 0.12 0.00	25.04 0.00 -0.28	19.66 -0.20 -1.73	22.00 -0.23 -0.42	25.79 -0.20 0.00	23.96 -0.37 0.00	19.48 -0.33 -0.45	9.43 -0.12 -2.18	5.05 -0.02 -3.46	12.89 -0.17 -1.52	4.67 -0.04 -3.82	3.67 0.01 -4.89	8.41 -0.10 -4.42	7.62 -0.13 -6.45	17.33 -0.49 -1.12	23.34 -0.43 -0.66	22.41 -0.24 0.00	20.50 -0.15 0.00	22.13 0.07 0.00
NINE_MILE_1 23575	20.71 -0.38 0.00	20.78 -0.39 0.00	16.24 -0.32 0.00	16.59 -0.35 0.00	15.13 -0.33 0.00	17.67 -0.33 0.00	24.46 -0.44 -0.13	18.63 -0.34 -0.84	21.62 -0.41 -0.20	25.51 -0.49 0.00	23.85 -0.48 0.00	19.16 -0.42 -0.22	8.27 -0.17 -1.07	3.26 -0.04 -1.69	12.02 -0.28 -0.75	2.76 -0.03 -1.90	1.20 0.03 -2.40	6.17 -0.09 -2.17	4.44 -0.04 -3.17	16.89 -0.36 -0.55	22.93 -0.51 -0.33	22.15 -0.49 0.00	20.19 -0.47 0.00	21.61 -0.45 0.00
NINE_MILE_2 23744	20.71 -0.38 0.00	20.78 -0.39 0.00	16.25 -0.32 0.00	16.59 -0.35 0.00	15.13 -0.32 0.00	17.67 -0.33 0.00	24.46 -0.44 -0.13	18.63 -0.34 -0.84	21.62 -0.41 -0.20	25.51 -0.48 0.00	23.85 -0.48 0.00	19.16 -0.42 -0.22	8.27 -0.17 -1.06	3.26 -0.04 -1.69	12.01 -0.28 -0.75	2.75 -0.03 -1.89	1.19 0.03 -2.39	6.17 -0.09 -2.17	4.43 -0.04 -3.16	16.89 -0.36 -0.55	22.93 -0.51 -0.33	22.15 -0.49 0.00	20.19 -0.46 0.00	21.61 -0.44 0.00
NM_CAPITAL____DRP 24208	21.39 0.30 0.00	15.16 0.35 6.36	16.85 0.28 0.00	17.27 0.32 0.00	15.76 0.31 0.00	18.35 0.35 0.00	27.36 0.49 -2.11	32.43 0.51 -13.78	25.71 0.55 -3.34	26.17 0.54 0.37	24.82 0.56 0.07	23.50 0.51 -3.63	25.19 0.21 -17.61	29.56 0.04 -27.90	24.18 0.32 -12.31	31.94 0.03 -31.03	37.78 -0.03 -39.05	39.94 0.12 -35.72	53.50 0.04 -52.16	26.26 0.49 -9.06	29.21 0.71 -5.38	23.25 0.60 0.00	21.09 0.44 0.00	22.28 0.23 0.00
NM_CENTRAL____DRP 24181	21.17 0.07 0.00	21.22 0.05 0.00	16.58 0.02 0.00	16.93 -0.02 0.00	15.44 -0.02 0.00	18.05 0.05 0.00	25.07 0.12 -0.18	19.35 0.09 -1.13	22.20 0.10 -0.27	26.13 0.14 0.00	24.41 0.08 0.00	19.67 0.02 -0.30	8.80 -0.01 -1.44	3.89 0.00 -2.28	12.53 -0.02 -1.01	3.43 -0.01 -2.56	2.00 0.01 -3.23	7.02 0.00 -2.92	5.56 -0.01 -4.26	17.46 0.02 -0.74	23.58 0.03 -0.44	22.65 0.01 0.00	20.63 -0.03 0.00	22.06 0.01 0.00
NM_FRONTIER____DRP 24179	21.36 0.27 0.00	21.51 0.34 0.00	16.76 0.20 0.00	17.02 0.07 0.00	15.43 -0.02 0.00	18.12 0.12 0.00	24.99 -0.05 -0.28	19.48 -0.37 -1.73	21.76 -0.48 -0.42	25.47 -0.52 0.00	23.65 -0.68 0.00	19.27 -0.55 -0.45	9.33 -0.22 -2.18	5.02 -0.04 -3.45	12.74 -0.32 -1.51	4.67 -0.03 -3.82	3.69 0.03 -4.89	8.36 -0.16 -4.43	7.61 -0.15 -6.46	17.11 -0.71 -1.12	23.04 -0.74 -0.67	22.13 -0.52 0.00	20.26 -0.39 0.00	22.05 0.00 0.00
NM_ST_REGIS____HYD 24053	20.92 -0.17 0.00	20.96 -0.21 0.00	16.33 -0.24 0.00	16.81 -0.14 0.00	15.31 -0.14 0.00	17.70 -0.30 0.00	24.28 -0.48 0.00	17.59 -0.54 0.00	21.09 -0.73 0.00	25.05 -0.95 0.00	23.35 -0.98 0.00	21.88 -0.85 -3.37	10.83 -0.32 -3.78	4.54 -0.08 -3.01	19.54 -0.54 -8.54	6.70 -0.03 -5.85	1.84 0.06 -3.01	3.92 -0.18 0.00	1.30 -0.01 0.00	16.23 -0.47 0.00	22.50 -0.61 0.00	22.16 -0.49 0.00	20.39 -0.26 0.00	22.00 -0.05 0.00
NORTHPORT____1 23551	22.45 1.36 0.00	27.71 1.38 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.57 1.11 0.00	19.38 1.38 0.00	28.32 1.69 -1.87	30.76 1.30 -11.32	26.34 1.74 -2.77	28.54 2.20 -0.34	26.46 2.06 -0.07	24.22 1.87 -2.99	22.53 0.68 -14.47	24.68 0.14 -22.93	22.81 1.10 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.40 -29.35	44.22 0.10 -42.82	25.61 1.47 -7.44	29.39 1.86 -4.42	24.43 1.79 0.00	22.23 1.57 0.00	23.47 1.42 0.00
NORTHPORT____2 23552	22.45 1.36 0.00	27.71 1.38 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.57 1.11 0.00	19.38 1.38 0.00	28.32 1.69 -1.87	30.76 1.30 -11.32	26.34 1.74 -2.77	28.54 2.20 -0.34	26.46 2.06 -0.07	24.22 1.87 -2.99	22.53 0.68 -14.47	24.68 0.14 -22.93	22.81 1.10 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.40 -29.35	44.22 0.10 -42.82	25.61 1.47 -7.44	29.39 1.86 -4.42	24.43 1.79 0.00	22.23 1.57 0.00	23.47 1.42 0.00
NORTHPORT____3 23553	22.22 1.13 0.00	27.47 1.15 -5.15	17.55 0.98 0.00	17.88 0.94 0.00	16.38 0.92 0.00	19.17 1.18 0.00	28.12 1.49 -1.87	30.65 1.19 -11.32	26.14 1.54 -2.77	28.29 1.96 -0.34	26.28 1.89 -0.07	24.05 1.70 -2.99	22.47 0.63 -14.47	24.67 0.13 -22.93	22.73 1.01 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.50 1.36 -7.44	29.24 1.71 -4.42	24.30 1.65 0.00	22.06 1.41 0.00	23.26 1.21 0.00

NORTHPORT___4 23650	22.22 1.13 0.00	27.47 1.15 -5.15	17.55 0.98 0.00	17.88 0.94 0.00	16.38 0.92 0.00	19.17 1.18 0.00	28.12 1.49 -1.87	30.65 1.19 -11.32	26.14 1.54 -2.77	28.29 1.96 -0.34	26.28 1.89 -0.07	24.05 1.70 -2.99	22.47 0.63 -14.47	24.67 0.13 -22.93	22.73 1.01 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.38 -29.35	44.21 0.09 -42.82	25.50 1.36 -7.44	29.24 1.71 -4.42	24.30 1.65 0.00	22.06 1.41 0.00	23.26 1.21 0.00
NORTHPORT___IC 23718	22.45 1.36 0.00	27.71 1.38 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.57 1.11 0.00	19.38 1.38 0.00	28.32 1.69 -1.87	30.76 1.30 -11.32	26.34 1.74 -2.77	28.54 2.20 -0.34	26.46 2.06 -0.07	24.22 1.87 -2.99	22.53 0.68 -14.47	24.68 0.14 -22.93	22.81 1.10 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.85 0.40 -29.35	44.22 0.10 -42.82	25.61 1.47 -7.44	29.39 1.86 -4.42	24.43 1.79 0.00	22.23 1.57 0.00	23.47 1.42 0.00
NORTH___COUNTRY_ESR 323785	21.03 -0.06 0.00	21.14 -0.02 0.00	16.38 -0.19 0.00	16.85 -0.10 0.00	15.37 -0.09 0.00	17.68 -0.32 0.00	24.19 -0.58 0.00	17.56 -0.57 0.00	20.99 -0.83 0.00	24.88 -1.12 0.00	23.09 -1.24 0.00	4.72 -1.12 13.51	-8.20 -0.41 15.16	-10.55 -0.09 12.06	-23.37 -0.67 34.25	-22.63 -0.04 23.47	-13.24 0.07 12.08	3.87 -0.22 0.00	1.35 0.05 0.00	16.51 -0.19 0.00	22.81 -0.30 0.00	22.50 -0.15 0.00	20.51 -0.14 0.00	21.97 -0.09 0.00
NPX_GEN_1385_PROXY 323591	22.21 1.12 0.00	27.68 1.36 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.57 1.11 0.00	19.34 1.34 0.00	27.88 1.25 -1.87	30.26 0.81 -11.32	25.73 1.13 -2.77	27.83 1.50 -0.34	25.65 1.26 -0.07	23.55 1.20 -2.99	22.30 0.45 -14.47	24.63 0.09 -22.93	22.53 0.81 -10.17	26.91 0.07 -25.96	31.48 -0.09 -32.80	33.73 0.28 -29.35	44.18 0.06 -42.82	25.17 1.03 -7.44	28.74 1.21 -4.42	23.66 1.01 0.00	21.85 1.20 0.00	23.34 1.29 0.00
NPX_GEN_CSC 323557	22.79 1.70 0.00	28.01 1.69 -5.15	18.00 1.43 0.00	18.33 1.38 0.00	16.80 1.34 0.00	19.68 1.68 0.00	28.82 2.18 -1.87	31.30 1.84 -11.32	26.87 2.27 -2.77	29.08 2.75 -0.34	27.05 2.66 -0.07	24.66 2.32 -2.99	22.70 0.86 -14.47	24.72 0.18 -22.93	23.10 1.38 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.98 0.54 -29.35	44.25 0.13 -42.82	26.10 1.96 -7.44	30.04 2.51 -4.42	25.06 2.42 0.00	22.77 2.12 0.00	23.81 1.76 0.00
NSINS_S_GLNS_FALLS 23858	22.40 1.31 0.00	16.12 1.30 6.35	17.59 1.03 0.00	18.07 1.12 0.00	16.52 1.06 0.00	19.30 1.30 0.00	28.88 1.95 -2.17	33.90 1.64 -14.13	27.14 1.90 -3.43	27.65 2.02 0.37	26.13 1.87 0.07	24.61 1.53 -3.72	26.02 0.59 -18.05	30.34 0.13 -28.61	25.07 0.91 -12.63	32.76 0.07 -31.81	38.71 -0.09 -40.04	41.03 0.33 -36.61	54.77 0.10 -53.36	27.29 1.31 -9.27	30.51 1.89 -5.51	24.34 1.69 0.00	22.17 1.52 0.00	23.37 1.31 0.00
NUCOR_STEEL___DRP 24197	21.53 0.44 0.00	21.59 0.42 0.00	16.88 0.32 0.00	17.14 0.19 0.00	15.69 0.23 0.00	18.37 0.37 0.00	25.62 0.63 -0.23	19.99 0.39 -1.47	22.58 0.39 -0.36	26.46 0.46 0.00	24.67 0.34 0.00	20.01 0.26 -0.39	9.33 0.08 -1.88	4.60 0.02 -2.97	12.95 0.09 -1.32	4.21 0.00 -3.33	2.96 -0.01 -4.20	7.96 0.06 -3.81	6.88 0.02 -5.55	18.02 0.35 -0.96	24.08 0.39 -0.57	23.08 0.43 0.00	21.00 0.35 0.00	22.35 0.29 0.00
NUMBER_THREE_WT_PWR 323818	21.48 0.39 0.00	21.53 0.37 0.00	16.80 0.24 0.00	17.21 0.27 0.00	15.63 0.18 0.00	18.14 0.14 0.00	24.93 0.09 -0.07	18.60 0.00 -0.47	22.11 0.17 -0.11	26.17 0.17 0.00	24.35 0.01 0.00	19.99 -0.10 -0.73	8.59 -0.07 -1.28	3.07 -0.04 -1.49	13.28 -0.22 -1.96	2.99 -0.02 -2.12	0.70 0.04 -1.89	5.27 -0.05 -1.22	3.07 -0.02 -1.78	16.67 -0.34 -0.31	22.72 -0.58 -0.18	22.06 -0.59 0.00	20.42 -0.23 0.00	21.95 -0.10 0.00
NYISO_LBMP_REFERENCE 24008	21.09 0.00 0.00	21.17 0.00 0.00	16.56 0.00 0.00	16.95 0.00 0.00	15.45 0.00 0.00	18.00 0.00 0.00	24.76 0.00 0.00	18.13 0.00 0.00	21.82 0.00 0.00	25.99 0.00 0.00	24.33 0.00 0.00	19.36 0.00 0.00	7.37 0.00 0.00	1.61 0.00 0.00	11.54 0.00 0.00	0.88 0.00 0.00	-1.23 0.00 0.00	4.09 0.00 0.00	1.30 0.00 0.00	16.70 0.00 0.00	23.11 0.00 0.00	22.64 0.00 0.00	20.65 0.00 0.00	22.05 0.00 0.00
NYPA_BRENTWD___GT 24164	22.69 1.60 0.00	27.91 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.71 1.26 0.00	19.57 1.57 0.00	28.66 2.03 -1.87	31.01 1.56 -11.32	26.60 2.00 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.49 2.15 -2.99	22.64 0.80 -14.47	24.71 0.17 -22.93	23.00 1.28 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.48 -29.35	44.24 0.12 -42.82	25.93 1.79 -7.44	29.83 2.30 -4.42	24.86 2.22 0.00	22.57 1.91 0.00	23.74 1.68 0.00
NYPA_GOWANUS___GT5 24156	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NYPA_GOWANUS___GT6 24157	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.95 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.15 1.51 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.17 1.83 -0.34	26.19 1.79 -0.07	57.39 1.63 -36.40	22.47 0.63 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.40 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00
NYPA_HARLEM__RVR_GT1 24160	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.79 0.00	18.93 0.93 0.00	27.93 1.29 -1.87	30.58 1.13 -11.32	26.06 1.46 -2.78	28.14 1.81 -0.34	26.19 1.79 -0.07	23.90 1.56 -2.99	22.45 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.07 1.54 -4.42	24.21 1.56 0.01	21.88 1.23 0.00	23.09 1.04 0.00
NYPA_HARLEM__RVR_GT2 24161	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.79 0.00	18.93 0.93 0.00	27.93 1.29 -1.87	30.58 1.13 -11.32	26.06 1.46 -2.78	28.14 1.81 -0.34	26.19 1.79 -0.07	23.90 1.56 -2.99	22.45 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.07 1.54 -4.42	24.21 1.56 0.01	21.88 1.23 0.00	23.09 1.04 0.00
NYPA_KENT___GT 24152	22.18 1.10 0.00	27.39 1.07 -5.15	17.49 0.92 0.00	17.83 0.88 0.00	16.32 0.86 0.00	19.05 1.05 0.00	28.14 1.50 -1.87	30.69 1.23 -11.32	26.21 1.61 -2.78	28.30 1.96 -0.34	26.35 1.95 -0.07	170.65 1.67 -149.62	22.47 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.21 0.09 -42.81	25.40 1.25 -7.44	29.19 1.65 -4.42	24.32 1.68 0.00	21.99 1.33 0.00	23.21 1.15 0.00

NYPA_POUCH1____GT 24155	22.18 1.09 0.00	27.37 1.05 -5.15	17.54 0.98 0.00	17.89 0.94 0.00	16.37 0.92 0.00	19.12 1.12 0.00	28.17 1.54 -1.87	30.53 1.17 -11.22	26.17 1.57 -2.78	28.17 1.83 -0.34	26.20 1.80 -0.07	40.51 1.59 -19.56	22.45 0.61 -14.47	24.67 0.14 -22.93	22.72 1.00 -10.17	26.93 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.15 1.62 -4.42	24.33 1.68 0.00	21.98 1.33 0.00	23.19 1.14 0.00
NYPA_VERNON____GT2 24162	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	154.59 1.68 -133.55	22.48 0.64 -14.47	24.68 0.14 -22.93	22.77 1.05 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.10 -42.81	25.41 1.27 -7.44	29.19 1.65 -4.42	24.31 1.66 0.00	21.98 1.33 0.00	23.19 1.14 0.00
NYPA_VERNON____GT3 24163	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	154.59 1.68 -133.55	22.48 0.64 -14.47	24.68 0.14 -22.93	22.77 1.05 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.10 -42.81	25.41 1.27 -7.44	29.19 1.65 -4.42	24.31 1.66 0.00	21.98 1.33 0.00	23.19 1.14 0.00
NYPA____ASTORIA_CC1 323568	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.16 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.64 0.00	21.95 1.30 0.00	23.17 1.12 0.00
NYPA____ASTORIA_CC2 323569	22.13 1.04 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.28 0.83 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.66 1.20 -11.32	26.16 1.56 -2.78	28.26 1.92 -0.34	26.33 1.93 -0.07	121.93 1.66 -100.91	22.48 0.63 -14.47	24.68 0.14 -22.93	22.76 1.04 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.09 -42.81	25.39 1.25 -7.44	29.16 1.63 -4.42	24.28 1.64 0.00	21.95 1.30 0.00	23.17 1.12 0.00
NYPA____HOLTSVILL 23794	22.62 1.53 0.00	27.84 1.52 -5.15	17.86 1.29 0.00	18.19 1.24 0.00	16.67 1.22 0.00	19.52 1.52 0.00	28.59 1.96 -1.87	31.05 1.59 -11.32	26.61 2.01 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.44 2.09 -2.99	22.62 0.77 -14.47	24.70 0.16 -22.93	22.95 1.23 -10.17	26.95 0.11 -25.96	31.44 -0.14 -32.80	33.91 0.47 -29.35	44.23 0.11 -42.82	25.85 1.70 -7.44	29.70 2.17 -4.42	24.73 2.09 0.00	22.48 1.83 0.00	23.61 1.56 0.00
NYPA____HELLGATE_GT1 24158	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.79 0.00	18.93 0.93 0.00	27.93 1.29 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.78	28.14 1.81 -0.34	26.19 1.79 -0.07	23.90 1.56 -2.99	22.45 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.21 1.56 0.01	21.88 1.23 0.00	23.09 1.04 0.00
NYPA____HELLGATE_GT2 24159	22.07 0.98 0.00	27.25 0.93 -5.15	17.41 0.85 0.00	17.74 0.80 0.00	16.24 0.79 0.00	18.93 0.93 0.00	27.93 1.29 -1.87	30.57 1.12 -11.32	26.05 1.45 -2.78	28.14 1.81 -0.34	26.19 1.79 -0.07	23.90 1.56 -2.99	22.45 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.09 1.56 -4.42	24.21 1.56 0.01	21.88 1.23 0.00	23.09 1.04 0.00
NYS_BARGE____HYD 23848	21.60 0.51 0.00	21.73 0.57 0.00	16.93 0.36 0.00	17.19 0.24 0.00	15.59 0.13 0.00	18.33 0.33 0.00	25.34 0.30 -0.28	19.90 0.03 -1.73	22.31 0.07 -0.42	26.10 0.11 0.00	24.23 -0.10 0.00	19.68 -0.13 -0.45	9.50 -0.06 -2.18	5.06 -0.01 -3.46	12.98 -0.06 -1.50	4.63 -0.01 -3.76	3.58 0.00 -4.81	8.38 -0.06 -4.35	7.54 -0.11 -6.35	17.51 -0.30 -1.10	23.60 -0.17 -0.66	22.66 0.02 0.00	20.72 0.07 0.00	22.34 0.29 0.00
OAK ORCHARD____HYD 24046	21.89 0.80 0.00	21.98 0.81 0.00	17.14 0.57 0.00	17.44 0.49 0.00	15.84 0.38 0.00	18.65 0.65 0.00	25.87 0.87 -0.24	20.50 0.88 -1.49	23.19 1.01 -0.36	27.10 1.11 0.00	25.13 0.80 0.00	20.33 0.58 -0.39	9.47 0.21 -1.89	4.65 0.05 -2.99	13.02 0.17 -1.30	4.14 -0.01 -3.27	2.92 -0.01 -4.16	7.87 0.01 -3.77	6.75 -0.05 -5.50	17.72 0.06 -0.96	23.89 0.21 -0.57	22.92 0.27 0.00	20.88 0.22 0.00	22.37 0.32 0.00
OAKDALE__35_KV_LOAD 356122	21.49 0.40 0.00	21.50 0.34 0.00	16.82 0.25 0.00	17.16 0.21 0.00	15.65 0.20 0.00	18.28 0.28 0.00	25.76 0.44 -0.55	21.96 0.36 -3.48	23.10 0.42 -0.85	26.55 0.55 0.00	24.72 0.39 0.00	20.55 0.27 -0.92	11.91 0.08 -4.46	8.69 0.02 -7.06	14.83 0.16 -3.12	8.80 0.01 -7.91	8.69 -0.02 -9.94	13.17 0.07 -9.00	14.45 0.02 -13.13	19.27 0.29 -2.28	24.90 0.43 -1.35	23.10 0.45 0.00	20.98 0.33 0.00	22.40 0.35 0.00
OCC_CHEM____DRP 24175	21.39 0.30 0.00	21.55 0.38 0.00	16.79 0.22 0.00	17.05 0.10 0.00	15.45 0.00 0.00	18.15 0.15 0.00	25.03 -0.01 -0.28	19.53 -0.33 -1.73	21.81 -0.43 -0.42	25.54 -0.46 0.00	23.72 -0.61 0.00	19.31 -0.50 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.77 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.03 -4.90	8.38 -0.15 -4.43	7.63 -0.14 -6.46	17.16 -0.67 -1.12	23.10 -0.68 -0.67	22.19 -0.46 0.00	20.31 -0.34 0.00	22.09 0.04 0.00
OH_GEN_PROXY 24063	21.38 0.28 0.00	21.51 0.34 0.00	16.76 0.20 0.00	17.02 0.07 0.00	15.44 -0.02 0.00	18.12 0.12 0.00	25.05 0.02 -0.27	19.66 -0.17 -1.70	22.04 -0.19 -0.41	25.86 -0.14 0.00	24.02 -0.31 0.00	19.50 -0.30 -0.44	9.40 -0.11 -2.14	4.99 -0.02 -3.39	12.88 -0.15 -1.49	4.62 -0.03 -3.77	3.61 0.01 -4.83	8.38 -0.09 -4.37	7.56 -0.12 -6.38	17.37 -0.44 -1.11	23.39 -0.38 -0.66	22.46 -0.18 0.00	20.55 -0.11 0.00	22.15 0.10 0.00
OLIN_CORP_DRP 24177	21.25 0.16 0.00	21.40 0.23 0.00	16.67 0.11 0.00	16.94 -0.01 0.00	15.35 -0.10 0.00	18.04 0.04 0.00	24.91 -0.14 -0.28	19.59 -0.30 -1.75	21.94 -0.31 -0.42	25.67 -0.32 0.00	23.83 -0.50 0.00	19.40 -0.42 -0.46	9.41 -0.17 -2.21	5.08 -0.03 -3.50	12.85 -0.23 -1.53	4.72 -0.02 -3.85	3.73 0.02 -4.93	8.43 -0.13 -4.47	7.69 -0.13 -6.51	17.25 -0.59 -1.13	23.23 -0.56 -0.67	22.29 -0.36 0.00	20.40 -0.25 0.00	22.00 -0.05 0.00
OLIN_CORP_DSASP 323712	21.39 0.30 0.00	21.55 0.38 0.00	16.78 0.22 0.00	17.05 0.10 0.00	15.46 0.00 0.00	18.15 0.15 0.00	25.05 0.01 -0.28	19.53 -0.34 -1.73	21.79 -0.45 -0.42	25.53 -0.47 0.00	23.73 -0.60 0.00	19.31 -0.51 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.78 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.02 -4.90	8.38 -0.15 -4.43	7.62 -0.14 -6.46	17.16 -0.66 -1.12	23.11 -0.67 -0.67	22.19 -0.46 0.00	20.32 -0.33 0.00	22.09 0.04 0.00

ONEIDA_HERK_LFGE 323681	21.56 0.46 0.00	21.61 0.44 0.00	16.89 0.32 0.00	17.28 0.33 0.00	15.73 0.28 0.00	18.32 0.32 0.00	25.27 0.44 -0.06	18.80 0.25 -0.41	22.32 0.40 -0.10	26.47 0.47 0.00	24.69 0.36 0.00	19.96 0.21 -0.39	8.28 0.07 -0.84	2.69 0.01 -1.08	12.69 0.06 -1.08	2.30 0.00 -1.41	0.19 0.00 -1.42	5.19 0.04 -1.06	2.86 0.01 -1.54	17.09 0.12 -0.27	23.37 0.10 -0.16	22.71 0.06 0.00	20.83 0.18 0.00	22.31 0.26 0.00
ONEIDA___115KV_TB4 55905	21.69 0.60 0.00	21.73 0.56 0.00	16.99 0.42 0.00	17.37 0.42 0.00	15.82 0.37 0.00	18.47 0.47 0.00	25.59 0.71 -0.12	19.34 0.49 -0.73	22.64 0.64 -0.18	26.75 0.76 0.00	24.96 0.63 0.00	19.99 0.44 -0.19	8.46 0.16 -0.93	3.12 0.04 -1.47	12.44 0.24 -0.65	2.55 0.01 -1.65	0.83 -0.02 -2.08	6.06 0.09 -1.88	4.08 0.03 -2.75	17.60 0.42 -0.48	23.96 0.56 -0.28	23.13 0.48 0.00	21.10 0.44 0.00	22.57 0.52 0.00
ONONDAGA_REF_OCCRA 23987	21.29 0.20 0.00	21.34 0.17 0.00	16.68 0.12 0.00	17.03 0.08 0.00	15.52 0.07 0.00	18.15 0.15 0.00	25.26 0.28 -0.21	19.67 0.20 -1.34	22.39 0.24 -0.32	26.29 0.30 0.00	24.55 0.22 0.00	19.83 0.11 -0.35	9.10 0.02 -1.71	4.32 0.01 -2.71	12.77 0.03 -1.19	3.91 -0.01 -3.03	2.59 0.00 -3.82	7.58 0.02 -3.46	6.35 0.00 -5.05	17.72 0.14 -0.88	23.83 0.19 -0.52	22.81 0.17 0.00	20.76 0.11 0.00	22.20 0.14 0.00
ONONDAGA___COGEN 23986	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
ONTARIO___LFGE 23819	21.61 0.52 0.00	21.62 0.45 0.00	16.87 0.30 0.00	17.18 0.23 0.00	15.68 0.22 0.00	18.36 0.36 0.00	25.62 0.59 -0.27	20.23 0.42 -1.67	22.69 0.46 -0.41	26.55 0.55 0.00	24.65 0.32 0.00	19.94 0.14 -0.44	9.54 0.03 -2.13	5.00 0.01 -3.38	13.11 0.07 -1.49	4.67 0.00 -3.79	3.55 -0.01 -4.79	8.48 0.05 -4.33	7.64 0.02 -6.32	18.13 0.33 -1.10	24.28 0.51 -0.65	23.15 0.50 0.00	21.02 0.37 0.00	22.50 0.45 0.00
ORANGEVILLE_WT_PWR 323706	21.59 0.50 0.00	21.66 0.49 0.00	16.87 0.31 0.00	17.12 0.17 0.00	15.59 0.13 0.00	18.27 0.26 0.00	25.40 0.31 -0.33	20.31 0.13 -2.05	22.51 0.19 -0.49	26.31 0.32 0.00	24.36 0.03 0.00	19.82 -0.08 -0.53	9.91 -0.06 -2.59	5.71 -0.01 -4.11	13.31 -0.04 -1.81	5.44 -0.01 -4.57	4.58 0.00 -5.81	9.33 -0.03 -5.26	8.92 -0.06 -7.67	18.00 -0.04 -1.33	24.07 0.16 -0.79	22.94 0.30 0.00	20.88 0.22 0.00	22.47 0.42 0.00
ORANGEVILLE___ESR 323794	21.59 0.50 0.00	21.66 0.49 0.00	16.87 0.31 0.00	17.12 0.17 0.00	15.59 0.13 0.00	18.27 0.26 0.00	25.40 0.31 -0.33	20.31 0.13 -2.05	22.51 0.19 -0.49	26.31 0.32 0.00	24.36 0.03 0.00	19.82 -0.08 -0.53	9.91 -0.06 -2.59	5.71 -0.01 -4.11	13.31 -0.04 -1.81	5.44 -0.01 -4.57	4.58 0.00 -5.81	9.33 -0.03 -5.26	8.92 -0.06 -7.67	18.00 -0.04 -1.33	24.07 0.16 -0.79	22.94 0.30 0.00	20.88 0.22 0.00	22.47 0.42 0.00
OSWEGATCHIE___HYD 24044	21.13 0.03 0.00	21.15 -0.01 0.00	16.51 -0.06 0.00	16.95 0.00 0.00	15.41 -0.04 0.00	17.87 -0.13 0.00	24.59 -0.23 -0.06	18.19 -0.29 -0.35	21.59 -0.32 -0.08	25.56 -0.43 0.00	23.83 -0.50 0.00	20.35 -0.48 -1.47	9.16 -0.21 -1.99	3.48 -0.06 -1.94	14.94 -0.41 -3.80	4.04 -0.03 -3.18	1.05 0.05 -2.23	4.88 -0.12 -0.90	2.60 -0.02 -1.32	16.46 -0.47 -0.23	22.59 -0.66 -0.14	22.05 -0.60 0.00	20.35 -0.30 0.00	21.90 -0.15 0.00
OSWEGO___5 23606	20.85 -0.24 0.00	20.91 -0.26 0.00	16.36 -0.21 0.00	16.70 -0.25 0.00	15.23 -0.23 0.00	17.78 -0.22 0.00	24.64 -0.27 -0.15	18.85 -0.21 -0.93	21.79 -0.26 -0.23	25.69 -0.30 0.00	24.01 -0.33 0.00	19.31 -0.30 -0.24	8.43 -0.13 -1.18	3.46 -0.02 -1.88	12.18 -0.20 -0.83	2.97 -0.02 -2.10	1.45 0.02 -2.66	6.44 -0.06 -2.41	4.79 -0.03 -3.51	17.07 -0.25 -0.61	23.14 -0.34 -0.36	22.32 -0.33 0.00	20.33 -0.32 0.00	21.75 -0.30 0.00
OSWEGO___6 23613	20.85 -0.24 0.00	20.91 -0.26 0.00	16.36 -0.21 0.00	16.70 -0.25 0.00	15.23 -0.23 0.00	17.78 -0.22 0.00	24.64 -0.27 -0.15	18.85 -0.21 -0.93	21.79 -0.26 -0.23	25.69 -0.30 0.00	24.01 -0.33 0.00	19.31 -0.30 -0.24	8.43 -0.13 -1.18	3.46 -0.02 -1.88	12.18 -0.20 -0.83	2.97 -0.02 -2.10	1.45 0.02 -2.66	6.44 -0.06 -2.41	4.79 -0.03 -3.51	17.07 -0.25 -0.61	23.14 -0.34 -0.36	22.32 -0.33 0.00	20.33 -0.32 0.00	21.75 -0.30 0.00
OUTOKUMPU-AB___DRP 24206	21.85 0.76 0.00	21.96 0.80 0.00	17.11 0.55 0.00	17.37 0.43 0.00	15.75 0.30 0.00	18.52 0.52 0.00	25.60 0.56 -0.28	20.08 0.18 -1.77	22.48 0.24 -0.42	26.35 0.36 0.00	24.43 0.10 0.00	19.86 0.04 -0.46	9.61 0.01 -2.22	5.14 0.01 -3.52	13.14 0.05 -1.54	4.76 -0.01 -3.88	3.73 -0.01 -4.97	8.57 -0.02 -4.50	7.77 -0.10 -6.56	17.71 -0.13 -1.14	23.85 0.06 -0.68	22.88 0.23 0.00	20.90 0.25 0.00	22.61 0.56 0.00
OXBOW___ 24026	21.64 0.55 0.00	21.78 0.61 0.00	16.97 0.40 0.00	17.23 0.28 0.00	15.62 0.17 0.00	18.35 0.35 0.00	25.37 0.33 -0.28	19.83 -0.06 -1.75	22.16 -0.08 -0.42	25.97 -0.02 0.00	24.12 -0.21 0.00	19.61 -0.20 -0.45	9.50 -0.08 -2.20	5.09 -0.01 -3.49	12.97 -0.10 -1.53	4.72 -0.02 -3.85	3.70 0.00 -4.93	8.48 -0.08 -4.47	7.70 -0.12 -6.51	17.47 -0.37 -1.13	23.53 -0.26 -0.67	22.58 -0.07 0.00	20.65 -0.01 0.00	22.38 0.33 0.00
OXY_CHEM_DSASP 323612	21.39 0.30 0.00	21.55 0.38 0.00	16.79 0.22 0.00	17.05 0.10 0.00	15.45 0.00 0.00	18.15 0.15 0.00	25.03 -0.01 -0.28	19.53 -0.33 -1.73	21.81 -0.43 -0.42	25.54 -0.46 0.00	23.72 -0.61 0.00	19.31 -0.50 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.77 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.03 -4.90	8.38 -0.15 -4.43	7.63 -0.14 -6.46	17.16 -0.67 -1.12	23.10 -0.68 -0.67	22.19 -0.46 0.00	20.31 -0.34 0.00	22.09 0.04 0.00
OZONE_PARK_ESR 323760	22.26 1.17 0.00	27.47 1.15 -5.15	17.55 0.98 0.00	17.89 0.94 0.00	16.37 0.92 0.00	19.10 1.10 0.00	28.25 1.62 -1.87	30.79 1.33 -11.32	26.30 1.70 -2.77	28.44 2.10 -0.34	26.48 2.09 -0.07	24.14 1.79 -2.99	22.52 0.68 -14.47	24.69 0.15 -22.93	22.84 1.13 -10.17	26.93 0.09 -25.96	31.44 -0.12 -32.79	33.83 0.40 -29.34	44.21 0.10 -42.81	25.53 1.39 -7.44	29.36 1.83 -4.42	24.46 1.81 0.00	22.12 1.46 0.00	23.34 1.29 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.39 0.30 0.00	21.55 0.38 0.00	16.79 0.22 0.00	17.05 0.10 0.00	15.45 0.00 0.00	18.15 0.15 0.00	25.03 -0.01 -0.28	19.53 -0.33 -1.73	21.81 -0.43 -0.42	25.54 -0.46 0.00	23.72 -0.61 0.00	19.31 -0.50 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.77 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.03 -4.90	8.38 -0.15 -4.43	7.63 -0.14 -6.46	17.16 -0.67 -1.12	23.10 -0.68 -0.67	22.19 -0.46 0.00	20.31 -0.34 0.00	22.09 0.04 0.00

PACKARD__115KV_DUPONT_184 80571	21.39 0.30 0.00	21.55 0.38 0.00	16.79 0.22 0.00	17.05 0.10 0.00	15.45 0.00 0.00	18.15 0.15 0.00	25.03 -0.01 -0.28	19.53 -0.33 -1.73	21.81 -0.43 -0.42	25.54 -0.46 0.00	23.72 -0.61 0.00	19.31 -0.50 -0.45	9.36 -0.20 -2.18	5.03 -0.04 -3.46	12.77 -0.29 -1.52	4.68 -0.03 -3.82	3.69 0.03 -4.90	8.38 -0.15 -4.43	7.63 -0.14 -6.46	17.16 -0.67 -1.12	23.10 -0.68 -0.67	22.19 -0.46 0.00	20.31 -0.34 0.00	22.09 0.04 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.08 0.99 0.00	27.27 0.95 -5.15	17.41 0.84 0.00	17.75 0.81 0.00	16.25 0.79 0.00	18.95 0.95 0.00	27.96 1.32 -1.87	30.60 1.14 -11.32	26.06 1.46 -2.78	28.13 1.79 -0.34	26.22 1.82 -0.07	23.92 1.57 -2.99	22.45 0.60 -14.47	24.67 0.13 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.47 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.08 1.55 -4.42	24.18 1.53 0.00	21.85 1.20 0.00	23.07 1.02 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.16 1.07 0.00	27.34 1.02 -5.15	17.48 0.92 0.00	17.84 0.89 0.00	16.32 0.86 0.00	19.00 1.00 0.00	28.03 1.40 -1.87	30.58 1.13 -11.32	26.03 1.43 -2.78	28.08 1.74 -0.34	26.19 1.79 -0.07	23.89 1.54 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.69 0.97 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.05 1.52 -4.42	24.16 1.51 0.00	21.83 1.18 0.00	23.10 1.05 0.00
PATROON__115KV_TB1 80586	21.42 0.33 0.00	15.56 0.37 5.97	16.86 0.29 0.00	17.28 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.42 0.53 -2.13	32.51 0.53 -13.85	25.75 0.57 -3.36	26.24 0.58 0.34	24.86 0.60 0.07	23.54 0.53 -3.65	25.29 0.22 -17.69	29.70 0.05 -28.04	24.26 0.34 -12.38	32.11 0.03 -31.19	38.00 -0.04 -39.26	40.12 0.13 -35.90	53.74 0.04 -52.40	26.34 0.52 -9.11	29.26 0.74 -5.41	23.28 0.63 0.00	21.13 0.48 0.00	22.32 0.27 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.89 0.80 0.00	21.95 0.78 0.00	17.11 0.55 0.00	17.36 0.41 0.00	15.76 0.31 0.00	18.51 0.51 0.00	25.69 0.63 -0.30	20.33 0.33 -1.88	22.76 0.49 -0.45	26.73 0.74 0.00	24.75 0.42 0.00	20.07 0.22 -0.48	9.78 0.05 -2.35	5.36 0.02 -3.73	13.34 0.16 -1.64	5.01 0.00 -4.13	4.06 -0.02 -5.31	8.92 0.02 -4.80	8.23 -0.08 -7.01	17.96 0.04 -1.22	24.12 0.28 -0.72	23.16 0.51 0.00	21.11 0.46 0.00	22.74 0.69 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.05 0.96 0.00	26.53 0.95 -4.41	17.37 0.81 0.00	17.73 0.79 0.00	16.22 0.76 0.00	18.95 0.95 0.00	28.01 1.36 -1.89	30.79 1.19 -11.47	26.08 1.45 -2.81	28.03 1.74 -0.29	26.11 1.73 -0.06	23.88 1.50 -3.02	22.60 0.57 -14.66	24.96 0.13 -23.23	22.78 0.93 -10.30	27.22 0.08 -26.26	31.84 -0.10 -33.17	34.16 0.34 -29.73	44.77 0.10 -43.37	25.51 1.28 -7.54	29.28 1.69 -4.48	24.27 1.62 0.00	21.96 1.31 0.00	23.19 1.14 0.00
PEEKSKILL____ 23653	21.88 0.79 0.00	26.99 0.79 -5.03	17.26 0.70 0.00	17.61 0.67 0.00	16.10 0.65 0.00	18.79 0.79 0.00	27.77 1.15 -1.85	30.35 1.01 -11.20	25.82 1.26 -2.74	27.86 1.53 -0.33	25.94 1.55 -0.06	23.67 1.36 -2.95	22.21 0.52 -14.31	24.41 0.12 -22.69	22.46 0.86 -10.06	26.64 0.07 -25.68	31.12 -0.09 -32.45	33.44 0.31 -29.04	43.74 0.08 -42.36	25.15 1.09 -7.36	28.91 1.42 -4.37	24.05 1.40 0.00	21.76 1.11 0.00	23.00 0.94 0.00
PGE MADISON__WINDPWR 24146	22.58 1.49 0.00	22.54 1.37 0.00	17.60 1.04 0.00	17.99 1.04 0.00	16.39 0.93 0.00	19.08 1.09 0.00	27.11 1.79 -0.56	22.97 1.35 -3.49	24.32 1.65 -0.85	27.92 1.92 0.00	25.89 1.56 0.00	21.31 1.03 -0.92	12.21 0.37 -4.46	8.78 0.10 -7.08	15.24 0.57 -3.13	8.84 0.02 -7.93	8.69 -0.06 -9.98	13.38 0.25 -9.04	14.62 0.14 -13.18	20.48 1.48 -2.29	26.49 2.01 -1.36	24.45 1.81 0.00	22.15 1.50 0.00	23.57 1.52 0.00
PIERCEFIELD__HYD 23852	20.79 -0.30 0.00	20.82 -0.35 0.00	16.24 -0.33 0.00	16.73 -0.22 0.00	15.23 -0.22 0.00	17.63 -0.37 0.00	24.19 -0.57 0.00	17.52 -0.62 0.00	21.00 -0.83 0.00	24.94 -1.06 0.00	23.28 -1.05 0.00	20.49 -0.89 -2.02	9.30 -0.34 -2.27	3.33 -0.08 -1.80	16.09 -0.57 -5.12	4.35 -0.04 -3.51	0.64 0.06 -1.81	3.90 -0.19 0.00	1.28 -0.03 0.00	16.07 -0.63 0.00	22.30 -0.81 0.00	21.96 -0.69 0.00	20.26 -0.39 0.00	21.89 -0.16 0.00
PINELAWN_CC_1 323563	22.49 1.40 0.00	27.73 1.40 -5.15	17.74 1.18 0.00	18.08 1.13 0.00	16.56 1.10 0.00	19.39 1.39 0.00	28.46 1.82 -1.87	30.94 1.49 -11.32	26.48 1.89 -2.77	28.65 2.32 -0.34	26.61 2.21 -0.07	24.30 1.96 -2.99	22.57 0.73 -14.47	24.70 0.16 -22.93	22.83 1.11 -10.17	26.94 0.10 -25.96	31.45 -0.12 -32.80	33.83 0.39 -29.35	44.22 0.10 -42.82	25.58 1.44 -7.44	29.48 1.95 -4.42	24.72 2.07 0.00	22.40 1.75 0.00	23.56 1.51 0.00
PJM_GEN_HTP_PROXY 323702	22.06 0.97 0.00	27.27 0.95 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.24 0.79 0.00	18.95 0.95 0.00	28.02 1.39 -1.87	30.60 1.15 -11.32	26.07 1.48 -2.77	28.17 1.83 -0.34	26.23 1.84 -0.07	23.94 1.60 -2.99	22.44 0.60 -14.47	24.67 0.14 -22.93	22.71 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.33 1.19 -7.44	29.09 1.56 -4.42	24.20 1.55 0.00	21.89 1.23 0.00	23.11 1.06 0.00
PJM_GEN_KEystone 24065	23.61 0.53 -1.99	24.36 0.51 -2.68	16.99 0.43 0.00	17.28 0.33 0.00	15.77 0.31 0.00	18.43 0.43 0.00	26.52 0.63 -1.13	25.50 0.51 -6.85	24.17 0.68 -1.67	27.11 0.94 -0.18	25.17 0.81 -0.03	21.81 0.65 -1.80	16.33 0.23 -8.72	15.49 0.06 -13.83	18.10 0.43 -6.13	16.55 0.03 -15.64	18.55 -0.06 -19.83	22.01 0.14 -17.77	27.24 0.00 -25.93	21.66 0.45 -4.51	26.45 0.66 -2.67	23.41 0.76 0.00	21.26 0.61 0.00	22.68 0.63 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.19 1.10 0.00	27.43 1.11 -5.15	17.51 0.95 0.00	17.85 0.90 0.00	16.35 0.90 0.00	19.12 1.13 0.00	28.10 1.47 -1.87	30.65 1.19 -11.32	26.15 1.55 -2.77	28.26 1.93 -0.34	26.29 1.90 -0.07	24.04 1.69 -2.99	22.47 0.63 -14.47	24.68 0.14 -22.93	22.74 1.02 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.80	33.82 0.37 -29.35	44.21 0.09 -42.82	25.50 1.35 -7.44	29.26 1.72 -4.42	24.34 1.70 0.00	22.08 1.42 0.00	23.28 1.23 0.00
PJM_GEN_VFT_PROXY 323633	21.96 0.87 0.00	27.18 0.85 -5.15	17.35 0.79 0.00	17.68 0.73 0.00	16.18 0.72 0.00	18.84 0.84 0.00	27.87 1.24 -1.87	30.34 1.00 -11.21	25.90 1.31 -2.77	27.98 1.65 -0.34	26.07 1.67 -0.07	23.81 1.46 -2.99	22.39 0.55 -14.47	24.66 0.13 -22.93	22.65 0.93 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.77 0.33 -29.34	44.19 0.08 -42.81	25.23 1.09 -7.44	28.93 1.40 -4.42	24.04 1.39 0.00	21.73 1.09 0.00	22.99 0.93 0.00
PLATSBURG_115KV_PMLD1 355749	21.15 0.06 0.00	21.26 0.09 0.00	16.47 -0.09 0.00	16.95 0.00 0.00	15.48 0.02 0.00	17.83 -0.17 0.00	24.41 -0.35 0.00	17.70 -0.43 0.00	21.17 -0.65 0.00	25.02 -0.97 0.00	23.21 -1.12 0.00	5.66 -1.01 12.69	-7.23 -0.38 14.23	-9.80 -0.09 11.32	-21.22 -0.62 32.15	-21.19 -0.04 22.03	-12.51 0.06 11.34	3.88 -0.21 0.00	1.37 0.07 0.00	16.70 0.00 0.00	23.08 -0.04 0.00	22.81 0.17 0.00	20.75 0.09 0.00	22.16 0.11 0.00

PLEASANTVLY___LBMP 24000	21.77 0.68 0.00	27.75 0.67 -5.91	17.16 0.60 0.00	17.54 0.60 0.00	16.04 0.58 0.00	18.71 0.71 0.00	27.71 0.99 -1.96	30.84 0.90 -11.81	25.81 1.10 -2.89	27.69 1.32 -0.38	25.74 1.34 -0.07	23.65 1.18 -3.11	22.91 0.46 -15.08	25.61 0.10 -23.90	22.89 0.74 -10.60	28.02 0.06 -27.08	32.91 -0.08 -34.22	34.95 0.27 -30.59	46.01 0.07 -44.63	25.43 0.97 -7.76	29.00 1.28 -4.61	23.89 1.24 0.00	21.65 0.99 0.00	22.88 0.83 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	21.95 0.86 0.00	27.24 0.86 -5.21	17.31 0.75 0.00	17.67 0.72 0.00	16.15 0.70 0.00	18.86 0.86 0.00	27.88 1.24 -1.89	30.61 1.08 -11.41	25.96 1.34 -2.79	27.97 1.63 -0.34	26.03 1.63 -0.07	23.79 1.42 -3.01	22.49 0.54 -14.57	24.83 0.12 -23.10	22.69 0.90 -10.25	27.10 0.07 -26.15	31.71 -0.10 -33.04	33.98 0.32 -29.56	44.52 0.09 -43.12	25.36 1.16 -7.49	29.08 1.52 -4.45	24.13 1.49 0.00	21.84 1.19 0.00	23.07 1.02 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	21.95 0.86 0.00	27.24 0.86 -5.21	17.31 0.75 0.00	17.67 0.72 0.00	16.15 0.70 0.00	18.86 0.86 0.00	27.88 1.24 -1.89	30.61 1.08 -11.41	25.96 1.34 -2.79	27.97 1.63 -0.34	26.03 1.63 -0.07	23.79 1.42 -3.01	22.49 0.54 -14.57	24.83 0.12 -23.10	22.69 0.90 -10.25	27.10 0.07 -26.15	31.71 -0.10 -33.04	33.98 0.32 -29.56	44.52 0.09 -43.12	25.36 1.16 -7.49	29.08 1.52 -4.45	24.13 1.49 0.00	21.84 1.19 0.00	23.07 1.02 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.91 0.81 0.00	20.41 0.80 1.57	17.25 0.69 0.00	17.64 0.70 0.00	16.13 0.68 0.00	18.83 0.83 0.00	27.77 1.18 -1.83	30.80 1.05 -11.61	25.92 1.27 -2.83	27.43 1.50 0.07	25.81 1.49 0.01	23.72 1.30 -3.06	22.71 0.50 -14.84	25.23 0.11 -23.51	22.76 0.82 -10.40	27.27 0.07 -26.32	31.84 -0.09 -33.16	34.49 0.30 -30.09	45.29 0.09 -43.90	25.49 1.15 -7.63	29.16 1.52 -4.53	24.10 1.46 0.00	21.83 1.18 0.00	23.07 1.02 0.00
POLETTI____ 23519	22.02 0.93 0.00	27.23 0.92 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.22 0.76 0.00	18.92 0.92 0.00	27.97 1.33 -1.87	30.56 1.11 -11.32	26.03 1.44 -2.77	28.12 1.78 -0.34	26.20 1.80 -0.07	23.92 1.57 -2.99	22.43 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.19 0.08 -42.81	25.32 1.18 -7.44	29.06 1.52 -4.42	24.17 1.52 0.00	21.86 1.21 0.00	23.08 1.03 0.00
POMONA___ESR 323819	21.88 0.79 0.00	26.65 0.79 -4.68	17.27 0.70 0.00	17.61 0.66 0.00	16.10 0.64 0.00	18.79 0.79 0.00	27.72 1.16 -1.80	30.05 1.01 -10.91	25.75 1.26 -2.67	27.85 1.54 -0.31	25.95 1.56 -0.06	23.59 1.35 -2.88	21.83 0.52 -13.93	23.81 0.12 -22.08	22.20 0.86 -9.80	25.95 0.07 -24.99	30.25 -0.09 -31.57	32.67 0.31 -28.27	42.62 0.08 -41.23	24.97 1.10 -7.16	28.81 1.44 -4.25	24.05 1.41 0.00	21.77 1.11 0.00	23.02 0.97 0.00
PORT_JEFF_3 23555	22.67 1.58 0.00	27.88 1.56 -5.15	17.89 1.33 0.00	18.23 1.28 0.00	16.70 1.25 0.00	19.56 1.56 0.00	28.65 2.02 -1.87	31.10 1.64 -11.32	26.67 2.07 -2.77	28.86 2.53 -0.34	26.84 2.44 -0.07	24.49 2.15 -2.99	22.64 0.79 -14.47	24.71 0.17 -22.93	22.99 1.27 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.49 -29.35	44.24 0.12 -42.82	25.88 1.73 -7.44	29.74 2.21 -4.42	24.77 2.13 0.00	22.55 1.90 0.00	23.68 1.63 0.00
PORT_JEFF_4 23616	22.67 1.58 0.00	27.88 1.56 -5.15	17.89 1.33 0.00	18.23 1.28 0.00	16.70 1.25 0.00	19.56 1.56 0.00	28.65 2.02 -1.87	31.10 1.64 -11.32	26.67 2.07 -2.77	28.86 2.53 -0.34	26.84 2.44 -0.07	24.49 2.15 -2.99	22.64 0.79 -14.47	24.71 0.17 -22.93	22.99 1.27 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.49 -29.35	44.24 0.12 -42.82	25.88 1.73 -7.44	29.74 2.21 -4.42	24.77 2.13 0.00	22.55 1.90 0.00	23.68 1.63 0.00
PORT_JEFF_IC 23713	22.69 1.60 0.00	27.90 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.72 1.26 0.00	19.57 1.58 0.00	28.68 2.04 -1.87	31.13 1.67 -11.32	26.70 2.10 -2.77	28.90 2.57 -0.34	26.86 2.47 -0.07	24.52 2.17 -2.99	22.65 0.80 -14.47	24.71 0.17 -22.93	23.01 1.29 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.94 0.50 -29.35	44.23 0.11 -42.82	25.85 1.70 -7.44	29.68 2.15 -4.42	24.73 2.08 0.00	22.59 1.94 0.00	23.70 1.65 0.00
PPL PILGRIM_ST_GT1 24216	22.69 1.60 0.00	27.91 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.71 1.26 0.00	19.57 1.57 0.00	28.66 2.03 -1.87	31.01 1.56 -11.32	26.60 2.00 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.49 2.15 -2.99	22.64 0.80 -14.47	24.71 0.17 -22.93	23.00 1.28 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.48 -29.35	44.24 0.12 -42.82	25.93 1.79 -7.44	29.83 2.30 -4.42	24.86 2.22 0.00	22.57 1.91 0.00	23.74 1.68 0.00
PPL PILGRIM_ST_GT2 24217	22.69 1.60 0.00	27.91 1.59 -5.15	17.90 1.34 0.00	18.24 1.29 0.00	16.71 1.26 0.00	19.57 1.57 0.00	28.66 2.03 -1.87	31.01 1.56 -11.32	26.60 2.00 -2.77	28.80 2.47 -0.34	26.76 2.37 -0.07	24.49 2.15 -2.99	22.64 0.80 -14.47	24.71 0.17 -22.93	23.00 1.28 -10.17	26.96 0.11 -25.96	31.43 -0.14 -32.80	33.93 0.48 -29.35	44.24 0.12 -42.82	25.93 1.79 -7.44	29.83 2.30 -4.42	24.86 2.22 0.00	22.57 1.91 0.00	23.74 1.68 0.00
PPL_SHRM_GT3 24213	22.81 1.72 0.00	28.02 1.70 -5.15	18.01 1.44 0.00	18.34 1.39 0.00	16.81 1.35 0.00	19.69 1.69 0.00	28.83 2.20 -1.87	31.30 1.84 -11.32	26.88 2.28 -2.77	29.08 2.75 -0.34	27.05 2.65 -0.07	24.65 2.31 -2.99	22.70 0.85 -14.47	24.72 0.18 -22.93	23.09 1.37 -10.17	26.97 0.12 -25.96	31.42 -0.16 -32.80	33.98 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.05 2.52 -4.42	25.07 2.42 0.00	22.78 2.12 0.00	23.83 1.78 0.00
PPL_SHRM_GT4 24214	22.81 1.72 0.00	28.02 1.70 -5.15	18.01 1.44 0.00	18.34 1.39 0.00	16.81 1.35 0.00	19.69 1.69 0.00	28.83 2.20 -1.87	31.30 1.84 -11.32	26.88 2.28 -2.77	29.08 2.75 -0.34	27.05 2.65 -0.07	24.65 2.31 -2.99	22.70 0.85 -14.47	24.72 0.18 -22.93	23.09 1.37 -10.17	26.97 0.12 -25.96	31.42 -0.16 -32.80	33.98 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.05 2.52 -4.42	25.07 2.42 0.00	22.78 2.12 0.00	23.83 1.78 0.00
PROJECT___ORANGE 1 24174	21.17 0.07 0.00	21.22 0.05 0.00	16.59 0.03 0.00	16.94 -0.01 0.00	15.44 -0.01 0.00	18.05 0.05 0.00	25.08 0.13 -0.18	19.37 0.09 -1.14	22.21 0.11 -0.28	26.15 0.16 0.00	24.42 0.09 0.00	19.69 0.03 -0.30	8.82 -0.01 -1.46	3.92 0.00 -2.31	12.55 -0.02 -1.02	3.46 -0.01 -2.59	2.04 0.00 -3.27	7.05 0.00 -2.96	5.61 -0.01 -4.31	17.48 0.02 -0.75	23.60 0.04 -0.45	22.67 0.02 0.00	20.63 -0.02 0.00	22.07 0.02 0.00
PROJECT___ORANGE 2 24166	21.17 0.07 0.00	21.22 0.05 0.00	16.59 0.03 0.00	16.94 -0.01 0.00	15.44 -0.01 0.00	18.05 0.05 0.00	25.08 0.13 -0.18	19.37 0.09 -1.14	22.21 0.11 -0.28	26.15 0.16 0.00	24.42 0.09 0.00	19.69 0.03 -0.30	8.82 -0.01 -1.46	3.92 0.00 -2.31	12.55 -0.02 -1.02	3.46 -0.01 -2.59	2.04 0.00 -3.27	7.05 0.00 -2.96	5.61 -0.01 -4.31	17.48 0.02 -0.75	23.60 0.04 -0.45	22.67 0.02 0.00	20.63 -0.02 0.00	22.07 0.02 0.00

PUCKETT___SOLAR 323809	21.75 0.66 0.00	21.75 0.58 0.00	17.01 0.45 0.00	17.36 0.41 0.00	15.83 0.38 0.00	18.51 0.50 0.00	26.16 0.81 -0.58	22.40 0.64 -3.63	23.46 0.76 -0.89	26.89 0.90 0.00	24.93 0.60 0.00	20.74 0.42 -0.96	12.15 0.13 -4.64	9.00 0.03 -7.36	15.05 0.25 -3.26	9.14 0.01 -8.25	9.12 -0.02 -10.37	13.59 0.11 -9.39	15.05 0.05 -13.70	19.68 0.60 -2.38	25.38 0.85 -1.41	23.46 0.81 0.00	21.29 0.64 0.00	22.69 0.64 0.00
PYRITES___HYD 24023	21.13 0.04 0.00	21.16 -0.01 0.00	16.50 -0.06 0.00	17.00 0.05 0.00	15.49 0.04 0.00	17.95 -0.06 0.00	24.68 -0.09 0.00	17.88 -0.25 0.00	21.44 -0.38 0.00	25.52 -0.48 0.00	23.81 -0.52 0.00	20.70 -0.48 -1.82	9.22 -0.19 -2.04	3.18 -0.05 -1.62	15.80 -0.34 -4.61	4.02 -0.02 -3.16	0.43 0.03 -1.63	3.99 -0.11 0.00	1.30 0.00 0.00	16.43 -0.27 0.00	22.79 -0.33 0.00	22.39 -0.25 0.00	20.60 -0.05 0.00	22.24 0.19 0.00
QUAKERRD_115KV_BK1 80622	20.92 -0.17 0.00	21.01 -0.15 0.00	16.40 -0.17 0.00	16.70 -0.25 0.00	15.20 -0.26 0.00	17.81 -0.19 0.00	24.71 -0.27 -0.22	19.28 -0.25 -1.40	21.84 -0.32 -0.34	25.64 -0.36 0.00	23.89 -0.44 0.00	19.33 -0.40 -0.37	8.99 -0.16 -1.78	4.39 -0.03 -2.81	12.54 -0.25 -1.25	4.01 -0.03 -3.16	2.81 0.02 -4.02	7.64 -0.09 -3.64	6.54 -0.07 -5.30	17.28 -0.35 -0.92	23.26 -0.41 -0.55	22.29 -0.36 0.00	20.30 -0.35 0.00	21.77 -0.29 0.00
QUENSBRY_115KV_TB8 356137	22.43 1.34 0.00	16.21 1.32 6.29	17.61 1.05 0.00	18.10 1.15 0.00	16.54 1.09 0.00	19.34 1.34 0.00	28.96 2.03 -2.17	33.99 1.72 -14.14	27.25 2.00 -3.43	27.76 2.13 0.36	26.22 1.96 0.07	24.69 1.61 -3.72	26.05 0.62 -18.06	30.36 0.13 -28.62	25.12 0.95 -12.63	32.78 0.07 -31.83	38.73 -0.10 -40.06	41.06 0.34 -36.62	54.80 0.11 -53.39	27.35 1.37 -9.28	30.58 1.96 -5.51	24.40 1.76 0.00	22.23 1.57 0.00	23.40 1.35 0.00
RAMAPO___LBMP 323565	21.80 0.71 0.00	26.53 0.72 -4.64	17.21 0.64 0.00	17.55 0.60 0.00	16.04 0.59 0.00	18.73 0.72 0.00	27.63 1.07 -1.80	29.96 0.95 -10.88	25.66 1.17 -2.67	27.74 1.43 -0.31	25.85 1.46 -0.06	23.50 1.27 -2.87	21.77 0.49 -13.90	23.75 0.11 -22.03	22.13 0.81 -9.77	25.89 0.07 -24.93	30.18 -0.09 -31.50	32.58 0.29 -28.20	42.52 0.07 -41.14	24.88 1.03 -7.15	28.70 1.34 -4.25	23.96 1.31 0.00	21.69 1.04 0.00	22.94 0.89 0.00
RANKINE____ 23646	21.84 0.75 0.00	21.91 0.75 0.00	17.07 0.51 0.00	17.32 0.38 0.00	15.73 0.28 0.00	18.47 0.54 0.00	25.60 0.28 -0.30	20.26 0.38 -1.85	22.65 0.56 -0.44	26.56 0.56 0.00	24.60 0.27 0.00	19.98 0.14 -0.48	9.73 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.02 0.19 -0.71	23.04 0.40 0.00	21.01 0.36 0.00	22.64 0.58 0.00
RAVENSWOOD_GT2_1 24244	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.59 1.13 -11.32	26.05 1.46 -2.77	28.14 1.80 -0.34	26.21 1.81 -0.07	23.92 1.57 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.09 1.56 -4.42	24.20 1.55 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT2_2 24245	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.59 1.13 -11.32	26.05 1.46 -2.77	28.14 1.80 -0.34	26.21 1.81 -0.07	23.92 1.57 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.09 1.56 -4.42	24.20 1.55 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT2_3 24246	22.06 0.96 0.00	27.27 0.95 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.24 0.78 0.00	18.94 0.94 0.00	28.00 1.37 -1.87	30.59 1.14 -11.32	26.06 1.47 -2.77	28.15 1.81 -0.34	26.22 1.83 -0.07	23.93 1.59 -2.99	22.44 0.60 -14.47	24.67 0.14 -22.93	22.71 1.00 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.10 1.57 -4.42	24.21 1.56 0.00	21.90 1.25 0.00	23.12 1.06 0.00
RAVENSWOOD_GT2_4 24247	22.06 0.96 0.00	27.27 0.95 -5.15	17.40 0.83 0.00	17.74 0.79 0.00	16.24 0.78 0.00	18.94 0.94 0.00	28.00 1.37 -1.87	30.59 1.14 -11.32	26.06 1.47 -2.77	28.15 1.81 -0.34	26.22 1.83 -0.07	23.93 1.59 -2.99	22.44 0.60 -14.47	24.67 0.14 -22.93	22.71 1.00 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.35 1.21 -7.44	29.10 1.57 -4.42	24.21 1.56 0.00	21.90 1.25 0.00	23.12 1.06 0.00
RAVENSWOOD_GT3_1 24248	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.59 1.13 -11.32	26.05 1.46 -2.77	28.14 1.80 -0.34	26.21 1.81 -0.07	23.92 1.57 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.09 1.56 -4.42	24.19 1.55 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT3_2 24249	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.36 -1.87	30.59 1.13 -11.32	26.05 1.46 -2.77	28.14 1.80 -0.34	26.21 1.81 -0.07	23.92 1.57 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.09 1.56 -4.42	24.19 1.55 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT3_3 24250	22.08 0.99 0.00	27.29 0.97 -5.15	17.41 0.85 0.00	17.76 0.81 0.00	16.25 0.80 0.00	18.96 0.96 0.00	28.03 1.40 -1.87	30.62 1.16 -11.32	26.09 1.50 -2.77	28.18 1.85 -0.34	26.26 1.86 -0.07	23.96 1.61 -2.99	22.45 0.61 -14.47	24.67 0.14 -22.93	22.73 1.01 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.60 -4.42	24.24 1.59 0.00	21.92 1.27 0.00	23.15 1.09 0.00
RAVENSWOOD_GT3_4 24251	22.08 0.99 0.00	27.29 0.97 -5.15	17.41 0.85 0.00	17.76 0.81 0.00	16.25 0.80 0.00	18.96 0.96 0.00	28.03 1.40 -1.87	30.62 1.16 -11.32	26.09 1.50 -2.77	28.18 1.85 -0.34	26.26 1.86 -0.07	23.96 1.61 -2.99	22.45 0.61 -14.47	24.67 0.14 -22.93	22.73 1.01 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.37 1.23 -7.44	29.13 1.60 -4.42	24.24 1.59 0.00	21.92 1.27 0.00	23.15 1.09 0.00
RAVENSWOOD_GT_1 23729	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	154.59 1.68 -133.55	22.48 0.64 -14.47	24.68 0.14 -22.93	22.77 1.05 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.80 0.36 -29.34	44.20 0.10 -42.81	25.41 1.27 -7.44	29.19 1.65 -4.42	24.31 1.66 0.00	21.98 1.33 0.00	23.19 1.14 0.00



RAVENSWOOD_GT_10 24258	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.78 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.35 -1.87	30.58 1.12 -11.32	26.05 1.45 -2.77	28.13 1.79 -0.34	26.21 1.81 -0.07	14.78 1.57 6.15	22.43 0.60 -14.46	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.09 1.56 -4.42	24.19 1.54 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT_11 24259	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.78 0.00	16.22 0.77 0.00	18.93 0.93 0.00	27.99 1.35 -1.87	30.58 1.13 -11.32	26.05 1.46 -2.77	28.13 1.80 -0.34	26.21 1.81 -0.07	14.78 1.58 6.15	22.44 0.60 -14.46	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.09 1.56 -4.42	24.19 1.54 0.00	21.88 1.23 0.00	23.11 1.06 0.00
RAVENSWOOD_GT_4 24252	22.02 0.93 0.00	27.24 0.92 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.34 -1.87	30.57 1.11 -11.32	26.03 1.44 -2.78	28.11 1.78 -0.34	26.19 1.79 -0.07	-26.77 1.57 47.70	22.43 0.60 -14.46	24.67 0.13 -22.92	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.33 1.19 -7.44	29.08 1.55 -4.42	24.18 1.54 0.00	21.88 1.23 0.00	23.11 1.05 0.00
RAVENSWOOD_GT_5 24254	22.02 0.93 0.00	27.24 0.92 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.34 -1.87	30.57 1.11 -11.32	26.03 1.44 -2.78	28.11 1.78 -0.34	26.19 1.79 -0.07	-26.77 1.57 47.70	22.43 0.60 -14.46	24.67 0.13 -22.92	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.33 1.19 -7.44	29.08 1.55 -4.42	24.18 1.54 0.00	21.88 1.23 0.00	23.11 1.05 0.00
RAVENSWOOD_GT_6 24253	22.02 0.93 0.00	27.24 0.92 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.34 -1.87	30.57 1.11 -11.32	26.03 1.44 -2.78	28.11 1.78 -0.34	26.19 1.79 -0.07	-26.77 1.57 47.70	22.43 0.60 -14.46	24.67 0.13 -22.92	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.33 1.19 -7.44	29.08 1.55 -4.42	24.18 1.54 0.00	21.88 1.23 0.00	23.11 1.05 0.00
RAVENSWOOD_GT_7 24255	22.02 0.93 0.00	27.24 0.92 -5.15	17.38 0.81 0.00	17.72 0.77 0.00	16.21 0.76 0.00	18.92 0.92 0.00	27.97 1.34 -1.87	30.57 1.11 -11.32	26.03 1.44 -2.78	28.11 1.78 -0.34	26.19 1.79 -0.07	-26.77 1.57 47.70	22.43 0.60 -14.46	24.67 0.13 -22.92	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.33 1.19 -7.44	29.08 1.55 -4.42	24.18 1.54 0.00	21.88 1.23 0.00	23.11 1.05 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.78 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.35 -1.87	30.58 1.12 -11.32	26.05 1.45 -2.77	28.13 1.79 -0.34	26.21 1.81 -0.07	14.78 1.57 6.15	22.43 0.60 -14.46	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.09 1.56 -4.42	24.19 1.54 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD_GT_9 24257	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.82 0.00	17.73 0.78 0.00	16.23 0.77 0.00	18.93 0.93 0.00	27.99 1.35 -1.87	30.58 1.12 -11.32	26.05 1.45 -2.77	28.13 1.79 -0.34	26.21 1.81 -0.07	14.78 1.57 6.15	22.43 0.60 -14.46	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.09 1.56 -4.42	24.19 1.54 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD___1 23533	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	89.53 1.64 -68.53	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.13 1.60 -4.42	24.25 1.60 0.00	21.92 1.27 0.00	23.14 1.09 0.00
RAVENSWOOD___2 23534	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	89.53 1.64 -68.53	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.13 1.60 -4.42	24.25 1.60 0.00	21.92 1.27 0.00	23.14 1.09 0.00
RAVENSWOOD___3 23535	22.04 0.95 0.00	27.26 0.94 -5.15	17.39 0.83 0.00	17.73 0.79 0.00	16.23 0.77 0.00	18.94 0.93 0.00	27.99 1.36 -1.87	30.59 1.13 -11.32	26.06 1.46 -2.77	28.14 1.81 -0.34	26.21 1.81 -0.07	23.92 1.58 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.70 0.99 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.34 1.20 -7.44	29.10 1.56 -4.42	24.20 1.55 0.00	21.89 1.24 0.00	23.11 1.06 0.00
RAVENSWOOD___4 23820	22.12 1.03 0.00	27.33 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.56 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	89.53 1.64 -68.53	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.13 1.60 -4.42	24.25 1.60 0.00	21.92 1.27 0.00	23.14 1.09 0.00
RCPL_TRUST___DRP 24196	22.08 0.99 0.00	27.30 0.98 -5.15	17.42 0.86 0.00	17.76 0.81 0.00	16.26 0.81 0.00	18.97 0.97 0.00	28.07 1.43 -1.87	30.63 1.17 -11.32	26.11 1.51 -2.77	28.21 1.87 -0.34	26.28 1.89 -0.07	23.98 1.63 -2.99	22.46 0.61 -14.47	24.67 0.14 -22.93	22.73 1.02 -10.17	26.92 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.35 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.13 1.59 -4.42	24.23 1.58 0.00	21.92 1.27 0.00	23.14 1.09 0.00
RED___ROCHESTER 323720	21.52 0.42 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.38 0.38 -0.23	19.76 0.21 -1.42	22.42 0.25 -0.34	26.34 0.35 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.84 0.18 -0.95	24.05 0.37 -0.56	23.06 0.42 0.00	20.99 0.34 0.00	22.48 0.43 0.00
REGAN___SOLAR 323812	23.17 2.08 0.00	18.09 2.07 5.15	18.17 1.61 0.00	18.56 1.61 0.00	16.94 1.49 0.00	19.85 1.85 0.00	29.66 2.70 -2.20	34.15 1.78 -14.24	26.90 1.62 -3.46	27.76 2.06 0.29	26.21 1.94 0.06	24.41 1.29 -3.75	25.92 0.36 -18.19	30.50 0.06 -28.83	24.93 0.66 -12.73	33.02 0.02 -32.12	39.09 -0.11 -40.43	41.30 0.32 -36.89	55.20 0.15 -53.75	27.72 1.68 -9.34	30.91 2.25 -5.55	24.88 2.23 0.00	22.77 2.12 0.00	24.40 2.35 0.00

RENSSELAER___COGEN 23796	21.29 0.19 0.00	15.58 0.24 5.83	16.77 0.20 0.00	17.18 0.24 0.00	15.69 0.24 0.00	18.26 0.26 0.00	27.25 0.37 -2.11	32.30 0.42 -13.75	25.60 0.43 -3.34	26.07 0.42 0.34	24.71 0.44 0.07	23.39 0.41 -3.62	25.11 0.17 -17.56	29.48 0.04 -27.83	24.10 0.27 -12.29	31.88 0.03 -30.97	37.72 -0.03 -38.98	39.83 0.10 -35.63	53.34 0.03 -52.01	26.16 0.42 -9.04	29.08 0.60 -5.37	23.15 0.50 0.00	21.00 0.35 0.00	22.19 0.14 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.01 1.92 0.00	16.71 1.90 6.35	18.07 1.50 0.00	18.68 1.73 0.00	17.09 1.64 0.00	20.08 2.08 0.00	30.14 3.21 -2.17	34.97 2.71 -14.13	28.41 3.15 -3.43	28.91 3.28 0.37	27.15 2.89 0.07	25.43 2.35 -3.72	26.29 0.87 -18.05	30.41 0.20 -28.61	25.43 1.27 -12.63	32.80 0.10 -31.81	38.65 -0.15 -40.03	41.25 0.55 -36.61	54.85 0.18 -53.36	28.18 2.20 -9.27	31.47 2.84 -5.51	25.21 2.56 0.00	22.89 2.24 0.00	24.06 2.00 0.00
REVERE_CPFR_DRP 24186	21.84 0.75 0.00	21.89 0.72 0.00	17.11 0.55 0.00	17.49 0.54 0.00	15.94 0.48 0.00	18.59 0.59 0.00	25.75 0.88 -0.10	19.34 0.58 -0.63	22.75 0.77 -0.15	26.90 0.91 0.00	25.09 0.76 0.00	20.05 0.52 -0.17	8.37 0.20 -0.80	2.92 0.04 -1.27	12.40 0.29 -0.56	2.32 0.02 -1.42	0.54 -0.03 -1.79	5.82 0.10 -1.63	3.71 0.04 -2.37	17.61 0.50 -0.41	24.00 0.63 -0.24	23.18 0.54 0.00	21.19 0.54 0.00	22.69 0.64 0.00
REYNOLDS_115KV_TB3 80639	21.45 0.36 0.00	14.75 0.42 6.83	16.90 0.33 0.00	17.33 0.38 0.00	15.82 0.36 0.00	18.40 0.40 0.00	27.41 0.55 -2.10	32.46 0.57 -13.75	25.77 0.61 -3.34	26.21 0.61 0.39	24.87 0.62 0.08	23.54 0.55 -3.62	25.18 0.23 -17.57	29.51 0.05 -27.85	24.18 0.35 -12.29	31.86 0.03 -30.95	37.68 -0.04 -38.94	39.89 0.13 -35.66	53.40 0.04 -52.07	26.29 0.54 -9.05	29.26 0.78 -5.37	23.31 0.66 0.00	21.15 0.50 0.00	22.33 0.28 0.00
RIVERBAY____ 323610	22.16 1.07 0.00	27.34 1.02 -5.15	17.48 0.92 0.00	17.84 0.89 0.00	16.32 0.86 0.00	19.00 1.00 0.00	28.03 1.40 -1.87	30.58 1.13 -11.32	26.03 1.43 -2.78	28.08 1.74 -0.34	26.19 1.79 -0.07	23.89 1.54 -2.99	22.44 0.60 -14.47	24.67 0.13 -22.93	22.69 0.97 -10.17	26.92 0.08 -25.96	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.81	25.34 1.19 -7.44	29.05 1.52 -4.42	24.16 1.51 0.00	21.83 1.18 0.00	23.10 1.05 0.00
RIVERSDE_115KV_TB3 55908	21.39 0.30 0.00	15.16 0.35 6.36	16.85 0.28 0.00	17.27 0.32 0.00	15.76 0.31 0.00	18.35 0.35 0.00	27.36 0.49 -2.11	32.43 0.51 -13.78	25.71 0.55 -3.34	26.17 0.54 0.37	24.82 0.56 0.07	23.50 0.51 -3.63	25.19 0.21 -17.61	29.56 0.04 -27.90	24.18 0.32 -12.31	31.94 0.03 -31.03	37.78 -0.03 -39.05	39.94 0.12 -35.72	53.50 0.04 -52.16	26.26 0.49 -9.06	29.21 0.71 -5.38	23.25 0.60 0.00	21.09 0.44 0.00	22.28 0.23 0.00
ROARING___BROOK_WT_PWR 323790	21.12 0.02 0.00	21.21 0.04 0.00	16.60 0.03 0.00	16.95 0.00 0.00	15.36 -0.10 0.00	17.81 -0.18 0.00	24.37 -0.39 0.00	17.82 -0.31 0.00	21.55 -0.27 0.00	25.71 -0.28 0.00	24.05 -0.28 0.00	19.09 -0.27 0.00	7.22 -0.15 0.00	1.57 -0.04 0.00	11.23 -0.32 0.00	0.86 -0.03 0.00	-1.18 0.05 0.00	4.03 -0.06 0.00	1.27 -0.04 0.00	16.15 -0.55 0.00	22.17 -0.94 0.00	21.81 -0.83 0.00	20.09 -0.56 0.00	21.70 -0.35 0.00
ROCHESRG_115KV_T4 355643	21.33 0.24 0.00	21.43 0.26 0.00	16.72 0.15 0.00	17.02 0.07 0.00	15.47 0.02 0.00	18.14 0.14 0.00	25.13 0.14 -0.23	19.58 0.03 -1.41	22.20 0.04 -0.34	26.09 0.10 0.00	24.29 -0.04 0.00	19.66 -0.07 -0.37	9.13 -0.03 -1.79	4.44 0.00 -2.84	12.79 -0.02 -1.27	4.10 -0.02 -3.23	2.88 -0.01 -4.11	7.81 -0.01 -3.72	6.68 -0.05 -5.43	17.61 -0.03 -0.94	23.75 0.07 -0.56	22.79 0.14 0.00	20.77 0.12 0.00	22.28 0.22 0.00
ROCHESTER_9_IC 23652	21.43 0.33 0.00	21.53 0.36 0.00	16.79 0.23 0.00	17.09 0.14 0.00	15.54 0.08 0.00	18.22 0.22 0.00	25.26 0.27 -0.23	19.68 0.13 -1.42	22.33 0.16 -0.34	26.23 0.23 0.00	24.42 0.09 0.00	19.77 0.03 -0.37	9.18 0.01 -1.80	4.47 0.01 -2.85	12.87 0.05 -1.27	4.13 -0.01 -3.25	2.90 -0.01 -4.14	7.86 0.02 -3.75	6.73 -0.04 -5.47	17.74 0.08 -0.95	23.91 0.23 -0.56	22.94 0.29 0.00	20.89 0.24 0.00	22.40 0.34 0.00
ROCKVIEW_13_KV_LD 356306	22.04 0.94 0.00	27.26 0.94 -5.15	17.38 0.81 0.00	17.73 0.78 0.00	16.22 0.76 0.00	18.94 0.94 0.00	27.99 1.35 -1.87	30.60 1.15 -11.32	26.04 1.44 -2.77	28.11 1.77 -0.34	26.16 1.76 -0.07	23.87 1.53 -2.99	22.42 0.58 -14.46	24.67 0.13 -22.93	22.68 0.96 -10.17	26.92 0.08 -25.95	31.46 -0.10 -32.79	33.78 0.34 -29.34	44.20 0.09 -42.80	25.38 1.23 -7.44	29.16 1.62 -4.42	24.24 1.59 0.00	21.94 1.28 0.00	23.16 1.11 0.00
ROME____115KV_TB2 80656	21.84 0.75 0.00	21.89 0.72 0.00	17.11 0.55 0.00	17.49 0.54 0.00	15.94 0.48 0.00	18.59 0.59 0.00	25.75 0.88 -0.10	19.34 0.58 -0.63	22.75 0.77 -0.15	26.90 0.91 0.00	25.09 0.76 0.00	20.05 0.52 -0.17	8.37 0.20 -0.80	2.92 0.04 -1.27	12.40 0.29 -0.56	2.32 0.02 -1.42	0.54 -0.03 -1.79	5.82 0.10 -1.63	3.71 0.04 -2.37	17.61 0.50 -0.41	24.00 0.63 -0.24	23.18 0.54 0.00	21.19 0.54 0.00	22.69 0.64 0.00
ROSETON___1 23587	21.77 0.68 0.00	26.51 0.67 -4.66	17.16 0.60 0.00	17.53 0.58 0.00	16.03 0.57 0.00	18.70 0.70 0.00	27.62 0.99 -1.87	30.36 0.90 -11.32	25.70 1.11 -2.77	27.63 1.32 -0.31	25.73 1.34 -0.06	23.52 1.18 -2.99	22.30 0.45 -14.47	24.64 0.10 -22.93	22.46 0.74 -10.17	26.88 0.06 -25.94	31.45 -0.08 -32.77	33.71 0.26 -29.35	44.19 0.07 -42.81	25.11 0.97 -7.44	28.81 1.28 -4.42	23.88 1.24 0.00	21.64 0.99 0.00	22.88 0.83 0.00
ROSETON___2 23588	21.77 0.68 0.00	26.51 0.67 -4.66	17.16 0.60 0.00	17.53 0.58 0.00	16.03 0.57 0.00	18.70 0.70 0.00	27.62 0.99 -1.87	30.36 0.90 -11.32	25.70 1.11 -2.77	27.63 1.32 -0.31	25.73 1.34 -0.06	23.52 1.18 -2.99	22.30 0.45 -14.47	24.64 0.10 -22.93	22.46 0.74 -10.17	26.88 0.06 -25.94	31.45 -0.08 -32.77	33.71 0.26 -29.35	44.19 0.07 -42.81	25.11 0.97 -7.44	28.81 1.28 -4.42	23.88 1.24 0.00	21.64 0.99 0.00	22.88 0.83 0.00
ROTTTRDAM_115KV_TB3 80664	21.78 0.69 0.00	16.72 0.70 5.15	17.13 0.57 0.00	17.54 0.59 0.00	16.01 0.56 0.00	18.67 0.67 0.00	27.92 0.96 -2.20	33.18 0.81 -14.24	26.19 0.91 -3.46	26.71 1.01 0.29	25.26 0.98 0.06	23.93 0.81 -3.75	25.89 0.32 -18.19	30.51 0.07 -28.83	24.76 0.49 -12.73	33.04 0.04 -32.12	39.15 -0.05 -40.43	41.16 0.18 -36.89	55.11 0.06 -53.75	26.80 0.75 -9.34	29.72 1.06 -5.55	23.62 0.97 0.00	21.47 0.82 0.00	22.77 0.71 0.00
RUSSELL___1 23602	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00

RUSSELL___2 23532	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00
RUSSELL___3 23549	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00
RUSSELL___4 23556	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00
RUSSELL___STATION 23914	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00
S SALMON___HYD 24043	21.49 0.40 0.00	21.53 0.36 0.00	16.82 0.26 0.00	17.19 0.24 0.00	15.64 0.19 0.00	18.26 0.26 0.00	25.32 0.40 -0.15	19.35 0.26 -0.96	22.41 0.36 -0.23	26.43 0.44 0.00	24.67 0.34 0.00	20.06 0.19 -0.51	8.91 0.03 -1.51	3.78 0.00 -2.17	13.02 -0.02 -1.50	3.49 -0.01 -2.62	1.76 0.01 -2.98	6.60 0.02 -2.49	4.95 0.00 -3.64	17.42 0.09 -0.63	23.58 0.09 -0.37	22.69 0.04 0.00	20.74 0.08 0.00	22.21 0.16 0.00
S.PERRY___115KV_TB1 80734	22.09 1.00 0.00	22.16 0.99 0.00	17.23 0.67 0.00	17.53 0.58 0.00	15.98 0.53 0.00	18.75 0.75 0.00	26.14 1.07 -0.31	20.78 0.72 -1.93	23.12 0.83 -0.47	26.85 0.86 0.00	24.78 0.45 0.00	20.17 0.30 -0.51	9.89 0.05 -2.46	5.52 0.01 -3.90	13.35 0.07 -1.73	5.26 0.00 -4.38	4.30 -0.02 -5.55	9.16 0.04 -5.02	8.63 0.00 -7.32	18.64 0.67 -1.27	24.99 1.13 -0.76	23.77 1.13 0.00	21.58 0.92 0.00	23.11 1.05 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.65 0.56 0.00	21.76 0.59 0.00	16.95 0.39 0.00	17.21 0.26 0.00	15.62 0.16 0.00	18.33 0.33 0.00	25.36 0.31 -0.28	19.99 0.08 -1.78	22.37 0.12 -0.43	26.23 0.23 0.00	24.33 0.00 -0.46	19.77 -0.05 -2.25	9.59 -0.03 -3.56	5.17 0.00 -1.56	13.10 -0.01 -3.95	4.81 -0.02 -5.05	3.81 -0.01 -4.57	8.63 -0.04 -4.57	7.87 -0.10 -6.67	17.65 -0.22 -1.16	23.74 -0.07 -0.69	22.78 0.13 0.00	20.80 0.15 0.00	22.43 0.38 0.00
SAWYER___23_KV_LOAD 55526	21.65 0.56 0.00	21.76 0.59 0.00	16.95 0.39 0.00	17.21 0.26 0.00	15.62 0.16 0.00	18.33 0.33 0.00	25.36 0.31 -0.28	19.99 0.08 -1.78	22.37 0.12 -0.43	26.23 0.23 0.00	24.33 0.00 -0.46	19.77 -0.05 -2.25	9.59 -0.03 -3.56	5.17 0.00 -1.56	13.10 -0.01 -3.95	4.81 -0.02 -5.05	3.81 -0.01 -4.57	8.63 -0.04 -4.57	7.87 -0.10 -6.67	17.65 -0.22 -1.16	23.74 -0.07 -0.69	22.78 0.13 0.00	20.80 0.15 0.00	22.43 0.38 0.00
SELKIRK___I 23801	21.55 0.46 0.00	17.77 0.52 3.91	16.98 0.42 0.00	17.40 0.45 0.00	15.89 0.44 0.00	18.50 0.50 0.00	27.57 0.70 -2.11	32.33 0.64 -13.56	25.80 0.68 -3.30	26.48 0.70 0.22	24.98 0.69 0.04	23.53 0.60 -3.57	24.94 0.24 -17.32	29.12 0.05 -27.46	24.06 0.39 -12.13	31.55 0.03 -30.63	37.30 -0.04 -38.58	39.39 0.15 -35.14	52.64 0.05 -51.29	26.22 0.60 -8.91	29.26 0.85 -5.29	23.41 0.77 0.00	21.26 0.60 0.00	22.47 0.42 0.00
SELKIRK___II 23799	21.41 0.32 0.00	16.97 0.36 4.56	16.86 0.30 0.00	17.27 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.40 0.52 -2.12	32.35 0.51 -13.71	25.71 0.56 -3.33	26.31 0.57 0.26	24.86 0.58 0.05	23.49 0.51 -3.61	25.10 0.21 -17.51	29.41 0.05 -27.76	24.13 0.33 -12.26	31.86 0.03 -30.95	37.71 -0.04 -38.97	39.76 0.13 -35.54	53.21 0.04 -51.87	26.22 0.50 -9.01	29.18 0.71 -5.35	23.27 0.63 0.00	21.12 0.47 0.00	22.34 0.29 0.00
SENECA OSWGO___HYD 24041	21.56 0.46 0.00	21.60 0.43 0.00	16.88 0.32 0.00	17.24 0.29 0.00	15.71 0.26 0.00	18.38 0.38 0.00	25.54 0.61 -0.17	19.62 0.40 -1.09	22.56 0.48 -0.26	26.59 0.60 0.00	24.84 0.50 0.00	19.98 0.33 -0.29	8.87 0.10 -1.39	3.83 0.02 -2.20	12.65 0.12 -0.97	3.36 0.00 -2.47	1.88 -0.01 -3.12	6.98 0.06 -2.82	5.44 0.02 -4.12	17.73 0.31 -0.72	23.97 0.43 -0.43	23.02 0.38 0.00	20.98 0.33 0.00	22.46 0.40 0.00
SENECA___115KV_TB3 355854	21.87 0.78 0.00	21.94 0.77 0.00	17.10 0.53 0.00	17.35 0.40 0.00	15.75 0.30 0.00	18.49 0.49 0.00	25.63 0.58 -0.30	20.29 0.30 -1.85	22.68 0.42 -0.44	26.60 0.61 0.00	24.64 0.31 0.00	20.01 0.17 -0.48	9.75 0.05 -2.32	5.31 0.02 -3.68	13.29 0.13 -1.61	4.95 -0.01 -4.07	3.97 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.90 0.00 -1.20	24.06 0.23 -0.71	23.08 0.43 0.00	21.04 0.39 0.00	22.67 0.62 0.00
SENECA___ENERGY 23797	21.29 0.19 0.00	21.33 0.16 0.00	16.66 0.09 0.00	16.96 0.01 0.00	15.48 0.03 0.00	18.13 0.13 0.00	25.28 0.27 -0.24	19.85 0.19 -1.53	22.38 0.18 -0.37	26.21 0.22 0.00	24.40 0.07 0.00	19.72 -0.04 -0.40	9.30 -0.03 -1.95	4.70 0.00 -3.10	12.88 -0.04 -1.37	4.34 -0.01 -3.47	3.15 0.00 -4.38	8.06 0.00 -3.96	7.08 0.00 -5.78	17.83 0.13 -1.00	23.90 0.19 -0.60	22.85 0.20 0.00	20.76 0.11 0.00	22.16 0.11 0.00
SHOEMAKER___GT 23640	21.68 0.59 0.00	25.82 0.59 -4.06	17.10 0.53 0.00	17.46 0.51 0.00	15.95 0.50 0.00	18.62 0.62 0.00	27.30 0.88 -1.66	29.00 0.79 -10.08	25.24 0.95 -2.47	27.38 1.11 -0.27	25.48 1.10 -0.05	22.97 0.96 -2.66	20.63 0.37 -12.88	22.10 0.09 -20.41	21.21 0.62 -9.05	24.02 0.05 -23.09	27.86 -0.07 -29.16	30.44 0.23 -26.12	39.47 0.07 -38.11	24.17 0.85 -6.62	28.18 1.13 -3.93	23.74 1.09 0.00	21.52 0.87 0.00	22.75 0.70 0.00
SHOEMAKR_138KV_BK 111 55601	21.68 0.59 0.00	25.75 0.59 -4.00	17.10 0.53 0.00	17.45 0.51 0.00	15.95 0.49 0.00	18.61 0.61 0.00	27.29 0.88 -1.64	28.87 0.77 -9.97	25.20 0.94 -2.44	27.37 1.11 -0.27	25.49 1.10 -0.05	22.95 0.96 -2.63	20.49 0.38 -12.74	21.88 0.09 -20.19	21.12 0.62 -8.95	23.77 0.05 -22.83	27.54 -0.07 -28.84	30.16 0.23 -25.84	39.05 0.06 -37.69	24.09 0.84 -6.55	28.12 1.11 -3.89	23.73 1.08 0.00	21.51 0.85 0.00	22.75 0.70 0.00

SHOREHAM_IC_1 23715	22.81 1.72 0.00	28.02 1.70 -5.15	18.01 1.44 0.00	18.34 1.39 0.00	16.81 1.35 0.00	19.69 1.69 0.00	28.83 2.20 -1.87	31.30 1.84 -11.32	26.88 2.28 -2.77	29.08 2.75 -0.34	27.05 2.65 -0.07	24.65 2.31 -2.99	22.70 0.85 -14.47	24.72 0.18 -22.93	23.09 1.37 -10.17	26.97 0.12 -25.96	31.42 -0.16 -32.80	33.98 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.05 2.52 -4.42	25.07 2.42 0.00	22.78 2.12 0.00	23.83 1.78 0.00
SHOREHAM_IC_2 23716	22.81 1.72 0.00	28.02 1.70 -5.15	18.01 1.44 0.00	18.34 1.39 0.00	16.81 1.35 0.00	19.69 1.69 0.00	28.83 2.20 -1.87	31.30 1.84 -11.32	26.88 2.28 -2.77	29.08 2.75 -0.34	27.05 2.65 -0.07	24.65 2.31 -2.99	22.70 0.85 -14.47	24.72 0.18 -22.93	23.09 1.37 -10.17	26.97 0.12 -25.96	31.42 -0.16 -32.80	33.98 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.05 2.52 -4.42	25.07 2.42 0.00	22.78 2.12 0.00	23.83 1.78 0.00
SISSONVILLE____ 23735	20.79 -0.30 0.00	20.82 -0.35 0.00	16.24 -0.33 0.00	16.73 -0.22 0.00	15.23 -0.22 0.00	17.63 -0.37 0.00	24.19 -0.57 0.00	17.52 -0.62 0.00	21.00 -0.83 0.00	24.94 -1.06 0.00	23.28 -1.05 0.00	20.49 -0.89 -2.02	9.30 -0.34 -2.27	3.33 -0.08 -1.80	16.09 -0.57 -5.12	4.35 -0.04 -3.51	0.64 0.06 -1.81	3.90 -0.19 0.00	1.28 -0.03 0.00	16.07 -0.63 0.00	22.30 -0.81 0.00	21.96 -0.69 0.00	20.26 -0.39 0.00	21.89 -0.16 0.00
SITHE_IND_GS1 24169	20.74 -0.36 0.00	20.80 -0.37 0.00	16.26 -0.30 0.00	16.61 -0.33 0.00	15.15 -0.31 0.00	17.68 -0.32 0.00	24.49 -0.41 -0.13	18.66 -0.32 -0.85	21.64 -0.39 -0.21	25.53 -0.46 0.00	23.87 -0.46 0.00	19.18 -0.41 -0.22	8.28 -0.17 -1.08	3.28 -0.04 -1.71	12.04 -0.27 -0.76	2.78 -0.03 -1.92	1.23 0.03 -2.43	6.20 -0.09 -2.20	4.47 -0.04 -3.21	16.91 -0.36 -0.56	22.95 -0.49 -0.33	22.17 -0.48 0.00	20.20 -0.45 0.00	21.63 -0.42 0.00
SITHE_IND_GS2 24170	20.74 -0.36 0.00	20.80 -0.37 0.00	16.26 -0.30 0.00	16.61 -0.33 0.00	15.15 -0.31 0.00	17.68 -0.32 0.00	24.49 -0.41 -0.13	18.66 -0.32 -0.85	21.64 -0.39 -0.21	25.53 -0.46 0.00	23.87 -0.46 0.00	19.18 -0.41 -0.22	8.28 -0.17 -1.08	3.28 -0.04 -1.71	12.04 -0.27 -0.76	2.78 -0.03 -1.92	1.23 0.03 -2.43	6.20 -0.09 -2.20	4.47 -0.04 -3.21	16.91 -0.36 -0.56	22.95 -0.49 -0.33	22.17 -0.48 0.00	20.20 -0.45 0.00	21.63 -0.42 0.00
SITHE_IND_GS3 24171	20.74 -0.36 0.00	20.80 -0.37 0.00	16.26 -0.30 0.00	16.61 -0.33 0.00	15.15 -0.31 0.00	17.68 -0.32 0.00	24.49 -0.41 -0.13	18.66 -0.32 -0.85	21.64 -0.39 -0.21	25.53 -0.46 0.00	23.87 -0.46 0.00	19.18 -0.41 -0.22	8.28 -0.17 -1.08	3.28 -0.04 -1.71	12.04 -0.27 -0.76	2.78 -0.03 -1.92	1.23 0.03 -2.43	6.20 -0.09 -2.20	4.47 -0.04 -3.21	16.91 -0.36 -0.56	22.95 -0.49 -0.33	22.17 -0.48 0.00	20.20 -0.45 0.00	21.63 -0.42 0.00
SITHE_IND_GS4 24172	20.74 -0.36 0.00	20.80 -0.37 0.00	16.26 -0.30 0.00	16.61 -0.33 0.00	15.15 -0.31 0.00	17.68 -0.32 0.00	24.49 -0.41 -0.13	18.66 -0.32 -0.85	21.64 -0.39 -0.21	25.53 -0.46 0.00	23.87 -0.46 0.00	19.18 -0.41 -0.22	8.28 -0.17 -1.08	3.28 -0.04 -1.71	12.04 -0.27 -0.76	2.78 -0.03 -1.92	1.23 0.03 -2.43	6.20 -0.09 -2.20	4.47 -0.04 -3.21	16.91 -0.36 -0.56	22.95 -0.49 -0.33	22.17 -0.48 0.00	20.20 -0.45 0.00	21.63 -0.42 0.00
SITHE____BATAVIA 24024	22.15 1.06 0.00	22.26 1.10 0.00	17.33 0.77 0.00	17.62 0.67 0.00	15.99 0.53 0.00	18.84 0.84 0.00	26.13 1.11 -0.26	20.58 0.80 -1.65	23.14 0.92 -0.40	26.99 0.99 0.00	24.96 0.63 0.00	20.20 0.41 -0.43	9.59 0.13 -2.08	4.95 0.04 -3.30	13.15 0.17 -1.44	4.47 0.00 -3.59	3.34 -0.02 -4.59	8.30 0.05 -4.16	7.31 -0.06 -6.06	18.04 0.28 -1.05	24.33 0.58 -0.63	23.33 0.69 0.00	21.26 0.61 0.00	22.84 0.78 0.00
SITHE____INDEPEND 23800	20.74 -0.36 0.00	20.80 -0.37 0.00	16.27 -0.30 0.00	16.61 -0.33 0.00	15.15 -0.31 0.00	17.68 -0.32 0.00	24.48 -0.42 -0.13	18.66 -0.32 -0.85	21.65 -0.38 -0.21	25.53 -0.46 0.00	23.87 -0.46 0.00	19.18 -0.41 -0.22	8.28 -0.17 -1.08	3.28 -0.04 -1.71	12.03 -0.27 -0.76	2.78 -0.03 -1.92	1.23 0.03 -2.43	6.20 -0.09 -2.20	4.47 -0.04 -3.21	16.91 -0.35 -0.56	22.95 -0.49 -0.33	22.16 -0.48 0.00	20.20 -0.45 0.00	21.63 -0.42 0.00
SITHE____MASSENA 23902	20.96 -0.13 0.00	21.03 -0.13 0.00	16.42 -0.15 0.00	16.87 -0.08 0.00	15.37 -0.09 0.00	17.80 -0.20 0.00	24.43 -0.33 0.00	17.80 -0.33 0.00	21.39 -0.43 0.00	25.48 -0.51 0.00	23.82 -0.51 0.00	19.43 -0.43 -0.49	7.77 -0.16 -0.55	2.01 -0.04 -0.44	12.54 -0.25 -1.25	1.72 -0.02 -0.86	-0.76 0.03 -0.44	4.00 -0.09 0.00	1.30 0.00 0.00	16.43 -0.27 0.00	22.77 -0.35 0.00	22.35 -0.29 0.00	20.49 -0.16 0.00	22.04 -0.01 0.00
SITHE____OGDNSBRG 24021	21.15 0.05 0.00	21.20 0.03 0.00	16.53 -0.03 0.00	17.02 0.07 0.00	15.50 0.05 0.00	17.97 -0.03 0.00	24.71 -0.06 0.00	17.96 -0.17 0.00	21.56 -0.26 0.00	25.68 -0.31 0.00	23.97 -0.36 0.00	20.44 -0.35 -1.43	8.84 -0.14 -1.60	2.84 -0.04 -1.27	14.90 -0.26 -3.61	3.35 -0.01 -2.48	0.07 0.02 -1.28	4.02 -0.08 0.00	1.31 0.01 0.00	16.55 -0.15 0.00	22.94 -0.17 0.00	22.53 -0.12 0.00	20.67 0.02 0.00	22.26 0.20 0.00
SITHE____STERLING 23777	21.69 0.60 0.00	21.73 0.56 0.00	16.99 0.42 0.00	17.36 0.42 0.00	15.82 0.37 0.00	18.47 0.47 0.00	25.60 0.72 -0.12	19.33 0.47 -0.73	22.64 0.64 -0.18	26.76 0.76 0.00	24.97 0.64 0.00	19.99 0.44 -0.19	8.46 0.16 -0.93	3.12 0.04 -1.47	12.44 0.24 -0.65	2.54 0.01 -1.65	0.83 -0.02 -2.08	6.06 0.09 -1.88	4.08 0.03 -2.75	17.60 0.42 -0.48	23.96 0.56 -0.28	23.13 0.48 0.00	21.09 0.44 0.00	22.57 0.52 0.00
SLEIGHT__34_KV_TB1 80719	21.69 0.59 0.00	21.75 0.58 0.00	16.99 0.43 0.00	17.28 0.33 0.00	15.78 0.32 0.00	18.51 0.51 0.00	25.87 0.87 -0.23	20.16 0.58 -1.45	22.80 0.63 -0.35	26.75 0.76 0.00	24.91 0.58 0.00	20.15 0.41 -0.38	9.35 0.14 -1.84	4.56 0.03 -2.92	13.05 0.21 -1.29	4.16 0.01 -3.27	2.89 -0.02 -4.14	7.94 0.10 -3.75	6.79 0.03 -5.46	18.17 0.52 -0.95	24.35 0.67 -0.56	23.28 0.63 0.00	21.15 0.50 0.00	22.56 0.51 0.00
SOUTH CAIRO____GT 23612	21.96 0.87 0.00	19.24 0.92 2.84	17.27 0.70 0.00	17.70 0.76 0.00	16.17 0.72 0.00	18.87 0.87 0.00	28.11 1.30 -2.04	32.32 1.15 -13.04	26.19 1.20 -3.17	27.03 1.20 0.16	25.25 0.95 0.03	23.52 0.72 -3.44	24.33 0.29 -16.66	28.08 0.06 -26.41	23.70 0.49 -11.67	30.43 0.04 -29.50	35.88 -0.06 -37.16	38.12 0.22 -33.81	50.72 0.08 -49.33	26.41 1.13 -8.57	29.81 1.60 -5.09	24.06 1.42 0.00	21.78 1.13 0.00	22.90 0.85 0.00
SOUTH HAMPTN____IC 23720	23.07 1.97 0.00	28.29 1.96 -5.15	18.21 1.65 0.00	18.55 1.60 0.00	17.00 1.55 0.00	19.93 1.93 0.00	29.18 2.54 -1.87	31.59 2.13 -11.32	27.22 2.62 -2.77	29.51 3.17 -0.34	27.45 3.06 -0.07	24.99 2.65 -2.99	22.83 0.98 -14.47	24.75 0.21 -22.93	23.31 1.59 -10.17	26.98 0.14 -25.96	31.39 -0.18 -32.80	34.06 0.62 -29.35	44.27 0.15 -42.82	26.41 2.26 -7.44	30.43 2.90 -4.42	25.43 2.78 0.00	23.07 2.41 0.00	24.08 2.03 0.00

SOUTHDOWN_115KV_TB1 355954	22.44 1.35 0.00	22.47 1.30 0.00	17.54 0.97 0.00	17.77 0.82 0.00	16.16 0.70 0.00	18.96 0.96 0.00	26.44 1.37 -0.31	21.08 0.99 -1.96	23.55 1.26 -0.47	27.68 1.68 0.00	25.49 1.16 0.00	20.71 0.84 -0.51	10.12 0.29 -2.46	5.58 0.08 -3.90	13.81 0.55 -1.71	5.23 0.02 -4.33	4.28 -0.06 -5.57	9.31 0.17 -5.04	8.64 -0.02 -7.36	18.61 0.63 -1.28	24.88 1.01 -0.76	23.89 1.25 0.00	21.71 1.05 0.00	23.40 1.35 0.00
SOUTHOLD_69_KV_BK 2 55809	23.32 2.23 0.00	28.54 2.22 -5.15	18.40 1.84 0.00	18.74 1.80 0.00	17.18 1.73 0.00	20.15 2.16 0.00	29.54 2.91 -1.87	31.89 2.43 -11.32	27.64 3.04 -2.77	30.02 3.69 -0.34	27.97 3.58 -0.07	25.37 3.03 -2.99	22.97 1.13 -14.47	24.78 0.24 -22.93	23.54 1.83 -10.17	27.00 0.16 -25.96	31.37 -0.20 -32.80	34.15 0.71 -29.35	44.30 0.18 -42.81	26.79 2.64 -7.44	30.95 3.42 -4.42	25.93 3.28 0.00	23.47 2.82 0.00	24.45 2.39 0.00
SOUTHOLD___IC 23719	23.32 2.23 0.00	28.54 2.22 -5.15	18.40 1.84 0.00	18.74 1.80 0.00	17.18 1.73 0.00	20.15 2.15 0.00	29.51 2.87 -1.87	31.93 2.47 -11.32	27.64 3.05 -2.77	30.00 3.67 -0.34	27.93 3.54 -0.07	25.37 3.03 -2.99	22.97 1.13 -14.47	24.78 0.24 -22.93	23.54 1.83 -10.17	27.00 0.16 -25.96	31.37 -0.20 -32.80	34.15 0.71 -29.35	44.30 0.18 -42.82	26.79 2.64 -7.44	30.95 3.42 -4.42	25.93 3.28 0.00	23.46 2.81 0.00	24.45 2.39 0.00
SPIERFLS_115KV_TB 1 80737	22.35 1.26 0.00	16.19 1.25 6.23	17.55 0.99 0.00	18.02 1.08 0.00	16.47 1.02 0.00	19.25 1.25 0.00	28.81 1.87 -2.17	33.86 1.58 -14.14	27.08 1.83 -3.43	27.59 1.96 0.36	26.08 1.82 0.07	24.57 1.49 -3.73	26.02 0.58 -18.06	30.36 0.12 -28.63	25.06 0.88 -12.64	32.79 0.07 -31.85	38.76 -0.09 -40.08	41.04 0.31 -36.64	54.80 0.09 -53.40	27.22 1.24 -9.28	30.43 1.80 -5.51	24.27 1.62 0.00	22.12 1.46 0.00	23.32 1.27 0.00
ST LAWRENCE____ 23600	20.73 -0.36 0.00	20.82 -0.35 0.00	16.25 -0.31 0.00	16.68 -0.26 0.00	15.20 -0.25 0.00	17.61 -0.39 0.00	24.17 -0.59 0.00	17.64 -0.49 0.00	21.22 -0.60 0.00	25.29 -0.71 0.00	23.66 -0.67 0.00	18.80 -0.56 0.00	7.17 -0.20 0.00	1.56 -0.05 0.00	11.23 -0.32 0.00	0.86 -0.02 0.00	-1.19 0.03 0.00	3.98 -0.12 0.00	1.29 -0.02 0.00	16.31 -0.39 0.00	22.59 -0.52 0.00	22.18 -0.47 0.00	20.30 -0.35 0.00	21.81 -0.24 0.00
STATE_CA_115KV_115_LB 55624	21.42 0.33 0.00	15.55 0.37 5.98	16.86 0.30 0.00	17.28 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.42 0.53 -2.13	32.52 0.53 -13.86	25.76 0.57 -3.36	26.24 0.59 0.34	24.87 0.60 0.07	23.55 0.53 -3.65	25.30 0.23 -17.70	29.71 0.05 -28.06	24.27 0.34 -12.38	32.12 0.03 -31.21	38.01 -0.04 -39.28	40.14 0.13 -35.92	53.77 0.04 -52.42	26.34 0.53 -9.11	29.26 0.74 -5.41	23.28 0.63 0.00	21.13 0.48 0.00	22.32 0.27 0.00
STATE_ST_34_KV_LOAD 55959	21.55 0.46 0.00	21.60 0.44 0.00	16.89 0.33 0.00	17.16 0.22 0.00	15.70 0.25 0.00	18.40 0.40 0.00	25.67 0.66 -0.24	20.18 0.52 -1.52	22.77 0.58 -0.37	26.68 0.68 0.00	24.87 0.53 0.00	20.15 0.39 -0.40	9.45 0.13 -1.94	4.72 0.03 -3.08	13.08 0.17 -1.36	4.33 0.01 -3.45	3.10 -0.02 -4.35	8.12 0.09 -3.93	7.08 0.03 -5.74	18.19 0.49 -1.00	24.30 0.59 -0.59	23.27 0.62 0.00	21.12 0.47 0.00	22.38 0.33 0.00
STATION 5_MISC_HYD 23604	21.43 0.33 0.00	21.53 0.36 0.00	16.79 0.23 0.00	17.09 0.14 0.00	15.54 0.08 0.00	18.22 0.22 0.00	25.27 0.28 -0.23	19.68 0.12 -1.42	22.32 0.15 -0.34	26.22 0.22 0.00	24.42 0.10 0.00	19.76 0.03 -0.37	9.18 0.01 -1.80	4.47 0.01 -2.85	12.87 0.05 -1.27	4.12 -0.01 -3.25	2.89 -0.02 -4.14	7.86 0.02 -3.75	6.73 -0.04 -5.47	17.74 0.09 -0.95	23.92 0.24 -0.56	22.94 0.29 0.00	20.90 0.24 0.00	22.39 0.34 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.56 0.47 0.00	21.62 0.45 0.00	16.87 0.31 0.00	17.19 0.24 0.00	15.67 0.22 0.00	18.37 0.37 0.00	25.57 0.58 -0.23	19.97 0.40 -1.43	22.61 0.44 -0.35	26.55 0.55 0.00	24.69 0.37 0.00	19.96 0.22 -0.38	9.26 0.07 -1.82	4.51 0.02 -2.88	12.93 0.11 -1.27	4.11 0.00 -3.23	2.85 -0.01 -4.09	7.85 0.05 -3.70	6.70 -0.01 -5.40	17.93 0.29 -0.94	24.11 0.43 -0.56	23.09 0.44 0.00	20.99 0.33 0.00	22.46 0.41 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.30 0.20 0.00	21.39 0.22 0.00	16.68 0.11 0.00	16.99 0.04 0.00	15.45 -0.01 0.00	18.12 0.11 0.00	25.13 0.14 -0.23	19.59 0.04 -1.42	22.21 0.05 -0.34	26.10 0.10 0.00	24.30 -0.03 0.00	19.67 -0.06 -0.37	9.14 -0.03 -1.79	4.45 0.00 -2.84	12.79 -0.02 -1.27	4.10 -0.02 -3.23	2.88 0.00 -4.11	7.81 -0.01 -3.72	6.68 -0.05 -5.43	17.63 -0.01 -0.94	23.76 0.09 -0.56	22.78 0.13 0.00	20.74 0.09 0.00	22.23 0.17 0.00
STA_56___34_KV_BUS2 355983	21.30 0.20 0.00	21.39 0.22 0.00	16.68 0.11 0.00	16.99 0.04 0.00	15.45 -0.01 0.00	18.12 0.11 0.00	25.13 0.14 -0.23	19.59 0.04 -1.42	22.21 0.05 -0.34	26.10 0.10 0.00	24.30 -0.03 0.00	19.67 -0.06 -0.37	9.14 -0.03 -1.79	4.45 0.00 -2.84	12.79 -0.02 -1.27	4.10 -0.02 -3.23	2.88 0.00 -4.11	7.81 -0.01 -3.72	6.68 -0.05 -5.43	17.63 -0.01 -0.94	23.76 0.09 -0.56	22.78 0.13 0.00	20.74 0.09 0.00	22.23 0.17 0.00
STA_67___115KV_BK2 355882	21.39 0.29 0.00	21.49 0.32 0.00	16.76 0.19 0.00	17.06 0.11 0.00	15.51 0.06 0.00	18.19 0.18 0.00	25.21 0.22 -0.23	19.65 0.09 -1.42	22.28 0.11 -0.34	26.17 0.18 0.00	24.37 0.04 0.00	19.72 -0.01 -0.37	9.16 -0.01 -1.80	4.46 0.00 -2.85	12.84 0.02 -1.27	4.12 -0.02 -3.25	2.90 -0.01 -4.13	7.84 0.01 -3.74	6.72 -0.05 -5.46	17.69 0.04 -0.95	23.85 0.17 -0.56	22.88 0.24 0.00	20.85 0.20 0.00	22.35 0.30 0.00
STA_7___115KV_9TRANS 80674	21.52 0.43 0.00	21.61 0.44 0.00	16.85 0.28 0.00	17.15 0.20 0.00	15.59 0.14 0.00	18.29 0.29 0.00	25.36 0.38 -0.23	19.77 0.22 -1.42	22.43 0.27 -0.34	26.35 0.36 0.00	24.54 0.21 0.00	19.85 0.12 -0.37	9.21 0.04 -1.80	4.47 0.01 -2.85	12.93 0.11 -1.27	4.13 -0.01 -3.25	2.89 -0.02 -4.14	7.88 0.04 -3.75	6.73 -0.04 -5.47	17.83 0.18 -0.95	24.04 0.36 -0.56	23.06 0.41 0.00	20.99 0.33 0.00	22.48 0.43 0.00
STA_82___115KV_TB1 80780	21.38 0.29 0.00	21.49 0.32 0.00	16.76 0.19 0.00	17.06 0.11 0.00	15.51 0.05 0.00	18.19 0.18 0.00	25.21 0.22 -0.23	19.64 0.09 -1.42	22.27 0.11 -0.34	26.17 0.17 0.00	24.37 0.04 0.00	19.72 -0.01 -0.37	9.17 -0.01 -1.80	4.47 0.00 -2.86	12.85 0.03 -1.28	4.14 -0.01 -3.27	2.92 -0.01 -4.16	7.87 0.01 -3.76	6.75 -0.05 -5.49	17.71 0.05 -0.95	23.87 0.19 -0.57	22.90 0.25 0.00	20.86 0.21 0.00	22.36 0.31 0.00
STEEL___WIND 323596	21.86 0.76 0.00	21.92 0.76 0.00	17.09 0.52 0.00	17.33 0.38 0.00	15.74 0.29 0.00	18.49 0.49 0.00	25.64 0.59 -0.30	20.27 0.29 -1.85	22.65 0.39 -0.44	26.57 0.57 0.00	24.62 0.29 0.00	19.98 0.14 -0.48	9.74 0.04 -2.32	5.30 0.02 -3.68	13.27 0.11 -1.61	4.95 -0.01 -4.07	3.98 -0.02 -5.22	8.83 0.01 -4.73	8.12 -0.08 -6.90	17.88 -0.02 -1.20	24.03 0.20 -0.71	23.05 0.40 0.00	21.03 0.37 0.00	22.65 0.60 0.00

STEPHTWN_115KV_BK_2 55603	21.52 0.43 0.00	15.77 0.43 5.83	16.89 0.33 0.00	17.32 0.37 0.00	15.83 0.38 0.00	18.45 0.45 0.00	27.57 0.69 -2.11	32.52 0.64 -13.75	25.80 0.64 -3.34	26.33 0.67 0.34	24.93 0.66 0.07	23.56 0.57 -3.62	25.19 0.26 -17.56	29.49 0.05 -27.83	24.23 0.40 -12.29	31.89 0.03 -30.97	37.70 -0.05 -38.98	39.89 0.16 -35.63	53.36 0.04 -52.01	26.36 0.62 -9.04	29.37 0.88 -5.37	23.38 0.73 0.00	21.21 0.56 0.00	22.42 0.36 0.00
STEBEN_REC_LFGE 323667	21.75 0.66 0.00	21.88 0.72 0.00	16.93 0.36 0.00	17.23 0.28 0.00	15.79 0.34 0.00	18.41 0.41 0.00	25.62 0.47 -0.38	20.82 0.30 -2.39	22.89 0.49 -0.58	26.50 0.51 0.00	24.51 0.18 0.00	20.00 0.01 -0.63	10.35 -0.07 -3.05	6.43 -0.01 -4.84	13.59 -0.09 -2.14	6.28 -0.01 -5.41	5.58 -0.01 -6.82	10.25 -0.01 -6.17	10.32 0.02 -9.00	18.68 0.42 -1.56	24.83 0.79 -0.93	23.41 0.76 0.00	21.23 0.58 0.00	22.85 0.80 0.00
STONY__BROOK 24151	22.67 1.57 0.00	27.89 1.57 -5.15	17.89 1.32 0.00	18.22 1.27 0.00	16.70 1.24 0.00	19.56 1.56 0.00	28.66 2.02 -1.87	31.15 1.70 -11.32	26.74 2.15 -2.77	28.95 2.62 -0.34	26.91 2.51 -0.07	24.55 2.20 -2.99	22.66 0.82 -14.47	24.71 0.17 -22.93	23.04 1.32 -10.17	26.96 0.12 -25.96	31.43 -0.15 -32.80	33.95 0.51 -29.35	44.24 0.12 -42.82	25.94 1.79 -7.44	29.81 2.28 -4.42	24.84 2.19 0.00	22.62 1.97 0.00	23.70 1.65 0.00
STURGEON_POOL_HYD 23609	21.86 0.77 0.00	23.79 0.76 -1.86	17.23 0.67 0.00	17.59 0.64 0.00	16.08 0.63 0.00	18.77 0.77 0.00	27.73 1.12 -1.85	30.61 0.99 -11.49	25.89 1.27 -2.80	27.68 1.57 -0.12	25.91 1.55 -0.02	23.72 1.33 -3.03	22.54 0.49 -14.67	24.98 0.11 -23.26	22.67 0.83 -10.30	27.12 0.08 -26.17	31.70 -0.09 -33.01	34.16 0.30 -29.77	44.82 0.09 -43.43	25.38 1.12 -7.55	29.08 1.49 -4.48	24.10 1.46 0.00	21.82 1.17 0.00	23.12 1.06 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.77 0.67 0.00	26.11 0.67 -4.27	17.16 0.60 0.00	17.52 0.57 0.00	16.01 0.55 0.00	18.68 0.68 0.00	27.48 0.99 -1.72	29.47 0.88 -10.45	25.46 1.08 -2.56	27.59 1.31 -0.29	25.71 1.32 -0.05	23.26 1.15 -2.75	21.17 0.45 -13.35	22.87 0.10 -21.16	21.66 0.73 -9.38	24.88 0.06 -23.93	28.92 -0.08 -30.23	31.44 0.27 -27.08	40.87 0.07 -39.50	24.54 0.97 -6.86	28.45 1.26 -4.08	23.88 1.23 0.00	21.63 0.98 0.00	22.90 0.84 0.00
SWANROAD_115KV_TB1 355699	21.27 0.18 0.00	21.42 0.25 0.00	16.69 0.13 0.00	16.95 0.01 0.00	15.37 -0.09 0.00	18.06 0.06 0.00	24.93 -0.11 -0.28	19.60 -0.28 -1.75	21.96 -0.28 -0.42	25.71 -0.29 0.00	23.85 -0.48 0.00	19.41 -0.40 -0.45	9.40 -0.17 -2.20	5.06 -0.03 -3.48	12.84 -0.22 -1.52	4.69 -0.02 -3.82	3.68 0.02 -4.89	8.39 -0.13 -4.43	7.63 -0.13 -6.46	17.25 -0.57 -1.12	23.24 -0.54 -0.67	22.32 -0.33 0.00	20.42 -0.23 0.00	22.02 -0.03 0.00
SYNERGY__BIOGAS 323694	22.15 1.06 0.00	22.26 1.10 0.00	17.33 0.77 0.00	17.62 0.67 0.00	15.99 0.53 0.00	18.84 0.84 0.00	26.13 1.11 -0.26	20.58 0.80 -1.65	23.14 0.92 -0.40	26.99 0.99 0.00	24.96 0.63 0.00	20.20 0.41 -0.43	9.59 0.13 -2.08	4.95 0.04 -3.30	13.15 0.17 -1.44	4.47 0.00 -3.59	3.34 -0.02 -4.59	8.30 0.05 -4.16	7.31 -0.06 -6.06	18.04 0.28 -1.05	24.33 0.58 -0.63	23.33 0.69 0.00	21.26 0.61 0.00	22.84 0.78 0.00
SYRACUSE__ENERGY_ST1 323597	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
SYRACUSE__ENERGY_ST2 323598	21.37 0.28 0.00	21.44 0.27 0.00	16.75 0.18 0.00	17.09 0.14 0.00	15.59 0.13 0.00	18.24 0.24 0.00	25.36 0.40 -0.20	19.64 0.26 -1.25	22.41 0.28 -0.31	26.34 0.35 0.00	24.60 0.27 0.00	19.85 0.16 -0.33	9.01 0.04 -1.60	4.15 0.01 -2.54	12.72 0.05 -1.12	3.72 0.00 -2.84	2.36 0.00 -3.59	7.37 0.03 -3.25	6.05 0.01 -4.74	17.70 0.17 -0.82	23.84 0.24 -0.49	22.86 0.21 0.00	20.81 0.16 0.00	22.26 0.21 0.00
SYRACUSE__POWER 24017	21.27 0.18 0.00	21.32 0.15 0.00	16.67 0.10 0.00	17.01 0.06 0.00	15.51 0.06 0.00	18.14 0.14 0.00	25.23 0.25 -0.21	19.62 0.18 -1.30	22.36 0.21 -0.32	26.26 0.27 0.00	24.52 0.19 0.00	19.80 0.10 -0.34	9.05 0.02 -1.66	4.25 0.01 -2.64	12.73 0.02 -1.16	3.83 -0.01 -2.95	2.50 0.00 -3.73	7.49 0.02 -3.38	6.23 0.00 -4.92	17.67 0.11 -0.86	23.79 0.16 -0.51	22.79 0.14 0.00	20.74 0.08 0.00	22.18 0.12 0.00
TALLMAN__138KV_BK151 55660	21.86 0.77 0.00	26.55 0.77 -4.61	17.25 0.69 0.00	17.59 0.64 0.00	16.08 0.63 0.00	18.77 0.77 0.00	27.69 1.14 -1.79	29.96 0.99 -10.84	25.71 1.24 -2.65	27.81 1.51 -0.31	25.94 1.55 -0.06	23.56 1.35 -2.86	21.73 0.52 -13.85	23.67 0.12 -21.94	22.13 0.86 -9.73	25.79 0.07 -24.83	30.04 -0.10 -31.37	32.48 0.31 -28.09	42.35 0.08 -40.97	24.91 1.09 -7.12	28.75 1.41 -4.23	24.03 1.38 0.00	21.75 1.10 0.00	23.01 0.95 0.00
TEALLAVE_115KV_TB7 355573	21.17 0.07 0.00	21.22 0.05 0.00	16.58 0.02 0.00	16.93 -0.02 0.00	15.44 -0.02 0.00	18.05 0.05 0.00	25.07 0.12 -0.18	19.35 0.09 -1.13	22.20 0.10 -0.27	26.13 0.14 0.00	24.41 0.08 0.00	19.67 0.02 -0.30	8.80 -0.01 -1.44	3.89 0.00 -2.28	12.53 -0.02 -1.01	3.43 -0.01 -2.56	2.00 0.01 -3.23	7.02 0.00 -2.92	5.56 -0.01 -4.26	17.46 0.02 -0.74	23.58 0.03 -0.44	22.65 0.01 0.00	20.63 -0.03 0.00	22.06 0.01 0.00
TELGRAPH_34_KV_EAST 80808	21.74 0.65 0.00	21.87 0.70 0.00	17.04 0.47 0.00	17.30 0.35 0.00	15.69 0.23 0.00	18.46 0.46 0.00	25.52 0.48 -0.27	20.07 0.22 -1.72	22.52 0.29 -0.41	26.34 0.35 0.00	24.41 0.08 0.00	19.83 0.02 -0.45	9.54 -0.01 -2.17	5.05 0.00 -3.44	13.04 0.02 -1.48	4.57 -0.01 -3.69	3.48 -0.01 -4.72	8.34 -0.02 -4.27	7.44 -0.09 -6.23	17.68 -0.11 -1.08	23.83 0.07 -0.64	22.88 0.23 0.00	20.89 0.24 0.00	22.50 0.45 0.00
TEMPLE__115KV_TB 2 55572	21.17 0.07 0.00	21.22 0.05 0.00	16.59 0.03 0.00	16.94 -0.01 0.00	15.44 -0.01 0.00	18.05 0.05 0.00	25.08 0.13 -0.18	19.37 0.09 -1.14	22.21 0.11 -0.28	26.15 0.16 0.00	24.42 0.09 0.00	19.69 0.03 -0.30	8.82 -0.01 -1.46	3.92 0.00 -2.31	12.55 -0.02 -1.02	3.46 -0.01 -2.59	2.04 0.00 -3.27	7.05 0.00 -2.96	5.61 -0.01 -4.31	17.48 0.02 -0.75	23.60 0.04 -0.45	22.67 0.02 0.00	20.63 -0.02 0.00	22.07 0.02 0.00
TIANA__69_KV_BK 1 55817	22.98 1.89 0.00	28.19 1.87 -5.15	18.14 1.57 0.00	18.47 1.52 0.00	16.93 1.48 0.00	19.85 1.85 0.00	29.09 2.46 -1.87	31.48 2.02 -11.32	27.12 2.52 -2.77	29.39 3.05 -0.34	27.38 2.99 -0.07	24.90 2.56 -2.99	22.80 0.95 -14.47	24.74 0.21 -22.93	23.25 1.54 -10.17	26.98 0.13 -25.96	31.40 -0.17 -32.80	34.04 0.60 -29.35	44.27 0.15 -42.81	26.31 2.17 -7.44	30.32 2.78 -4.42	25.32 2.68 0.00	22.99 2.34 0.00	24.00 1.95 0.00

TILDEN___115KV_TB1 80814	21.27 0.18 0.00	21.32 0.15 0.00	16.67 0.10 0.00	17.01 0.06 0.00	15.51 0.06 0.00	18.14 0.14 0.00	25.23 0.25 -0.21	19.62 0.18 -1.30	22.36 0.21 -0.32	26.26 0.27 0.00	24.52 0.19 0.00	19.80 0.10 -0.34	9.05 0.02 -1.66	4.25 0.01 -2.64	12.73 0.02 -1.16	3.83 -0.01 -2.95	2.50 0.00 -3.73	7.49 0.02 -3.38	6.23 0.00 -4.92	17.67 0.11 -0.86	23.79 0.16 -0.51	22.79 0.14 0.00	20.74 0.08 0.00	22.18 0.12 0.00
TRIGEN___CC 323695	22.25 1.16 0.00	27.47 1.15 -5.15	17.54 0.98 0.00	17.89 0.94 0.00	16.38 0.93 0.00	19.16 1.16 0.00	28.18 1.55 -1.87	30.72 1.26 -11.32	26.21 1.61 -2.77	28.33 2.00 -0.34	26.39 1.99 -0.07	24.10 1.75 -2.99	22.50 0.66 -14.47	24.68 0.14 -22.93	22.78 1.06 -10.17	26.93 0.09 -25.96	31.45 -0.12 -32.80	33.83 0.38 -29.35	44.22 0.10 -42.81	25.55 1.41 -7.44	29.35 1.82 -4.42	24.44 1.79 0.00	22.14 1.49 0.00	23.35 1.29 0.00
TRINITY___115KV___4 BK 55933	21.33 0.23 0.00	15.59 0.28 5.86	16.80 0.23 0.00	17.21 0.26 0.00	15.71 0.26 0.00	18.29 0.29 0.00	27.30 0.41 -2.12	32.36 0.45 -13.77	25.64 0.48 -3.34	26.13 0.47 0.34	24.76 0.49 0.07	23.44 0.45 -3.63	25.16 0.19 -17.59	29.53 0.04 -27.88	24.14 0.29 -12.31	31.93 0.03 -31.02	37.78 -0.03 -39.04	39.90 0.11 -35.69	53.44 0.03 -52.11	26.21 0.45 -9.05	29.13 0.64 -5.38	23.18 0.53 0.00	21.04 0.39 0.00	22.22 0.16 0.00
UNION___PROCESSING_DRP 323587	21.89 0.80 0.00	21.98 0.81 0.00	17.14 0.57 0.00	17.44 0.49 0.00	15.84 0.38 0.00	18.65 0.65 0.00	25.90 0.90 -0.24	20.47 0.85 -1.49	23.21 1.02 -0.36	27.15 1.16 0.00	25.16 0.83 0.00	20.33 0.58 -0.39	9.47 0.21 -1.89	4.65 0.05 -2.99	13.02 0.17 -1.30	4.14 -0.01 -3.27	2.92 -0.01 -4.16	7.87 0.01 -3.77	6.75 -0.05 -5.50	17.72 0.06 -0.96	23.88 0.20 -0.57	22.92 0.27 0.00	20.87 0.22 0.00	22.37 0.32 0.00
UPPER HUDSON___HYD 24058	22.35 1.26 0.00	16.19 1.25 6.23	17.55 0.98 0.00	18.02 1.08 0.00	16.47 1.02 0.00	19.25 1.25 0.00	28.81 1.87 -2.17	33.85 1.58 -14.14	27.08 1.83 -3.43	27.59 1.96 0.36	26.08 1.81 0.07	24.57 1.49 -3.73	26.02 0.58 -18.06	30.36 0.12 -28.63	25.06 0.88 -12.64	32.79 0.07 -31.85	38.76 -0.09 -40.08	41.04 0.31 -36.64	54.80 0.09 -53.40	27.22 1.24 -9.28	30.43 1.80 -5.51	24.27 1.62 0.00	22.11 1.46 0.00	23.32 1.27 0.00
UPPER RAQUET___HYD 24056	20.79 -0.30 0.00	20.82 -0.35 0.00	16.24 -0.33 0.00	16.73 -0.22 0.00	15.23 -0.22 0.00	17.63 -0.37 0.00	24.19 -0.57 0.00	17.51 -0.62 0.00	21.00 -0.83 0.00	24.94 -1.05 0.00	23.28 -1.05 0.00	20.49 -0.89 -2.02	9.30 -0.34 -2.27	3.33 -0.08 -1.80	16.09 -0.57 -5.12	4.35 -0.04 -3.51	0.64 0.06 -1.81	3.90 -0.19 0.00	1.28 -0.03 0.00	16.07 -0.63 0.00	22.30 -0.81 0.00	21.96 -0.69 0.00	20.26 -0.39 0.00	21.89 -0.16 0.00
VALLEY44_115KV_TB2 355964	21.95 0.86 0.00	22.00 0.83 0.00	17.17 0.61 0.00	17.41 0.46 0.00	15.83 0.38 0.00	18.58 0.58 0.00	25.90 0.81 -0.32	20.64 0.51 -2.00	23.06 0.77 -0.48	27.22 1.22 0.00	25.10 0.77 0.00	20.31 0.43 -0.51	9.97 0.09 -2.49	5.60 0.03 -3.96	13.55 0.26 -1.74	5.28 0.00 -4.40	4.40 -0.04 -5.67	9.28 0.05 -5.13	8.72 -0.07 -7.49	18.18 0.17 -1.30	24.35 0.46 -0.77	23.39 0.74 0.00	21.38 0.73 0.00	23.04 0.98 0.00
VALLEY___115KV_TB 1-4 80826	21.12 0.03 0.00	21.16 -0.01 0.00	16.58 0.02 0.00	16.97 0.01 0.00	15.53 0.08 0.00	18.09 0.08 0.00	24.82 0.06 0.00	18.15 0.02 0.00	21.79 -0.03 0.00	25.84 -0.15 0.00	24.24 -0.09 0.00	19.33 -0.03 0.00	7.35 -0.02 0.00	1.59 -0.02 0.00	11.43 -0.11 0.00	0.87 -0.01 0.00	-1.22 0.00 0.00	4.09 0.00 0.00	1.31 0.00 0.00	16.75 0.05 0.00	23.22 0.11 0.00	22.73 0.08 0.00	20.73 0.08 0.00	21.96 -0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.73 0.64 0.00	21.80 0.64 0.00	17.08 0.51 0.00	17.46 0.51 0.00	15.94 0.48 0.00	18.60 0.60 0.00	26.48 0.90 -0.81	23.95 0.72 -5.09	23.94 0.87 -1.24	27.05 1.06 0.00	25.33 1.00 0.00	21.51 0.81 -1.34	14.20 0.31 -6.51	12.00 0.07 -10.32	16.61 0.50 -4.57	12.49 0.04 -11.57	13.29 -0.05 -14.58	17.47 0.18 -13.20	20.61 0.06 -19.25	20.79 0.74 -3.35	26.12 1.02 -1.99	23.61 0.97 0.00	21.41 0.76 0.00	22.71 0.66 0.00
VISCHER___FERRY HYD 24020	21.74 0.65 0.00	13.78 0.69 8.09	17.11 0.54 0.00	17.55 0.61 0.00	16.03 0.57 0.00	18.65 0.65 0.00	27.79 0.92 -2.11	32.91 0.84 -13.93	26.12 0.92 -3.38	26.50 0.97 0.47	25.18 0.94 0.09	23.82 0.79 -3.67	25.50 0.33 -17.80	29.89 0.07 -28.21	24.46 0.47 -12.44	32.22 0.04 -31.29	38.08 -0.05 -39.36	40.38 0.18 -36.11	54.04 0.06 -52.68	26.62 0.76 -9.15	29.66 1.10 -5.44	23.61 0.96 0.00	21.43 0.78 0.00	22.64 0.59 0.00
V_A_10_SYNC_DSASP 323832	21.38 0.28 0.00	21.51 0.34 0.00	16.77 0.20 0.00	17.04 0.09 0.00	15.47 0.02 0.00	18.15 0.15 0.00	25.12 0.11 -0.25	19.64 -0.07 -1.57	22.13 -0.07 -0.38	25.99 -0.01 0.00	24.16 -0.17 0.00	19.58 -0.19 -0.41	9.28 -0.07 -1.98	4.74 -0.01 -3.14	12.84 -0.09 -1.38	4.36 -0.03 -3.51	3.25 0.00 -4.48	8.09 -0.06 -4.05	7.12 -0.10 -5.91	17.44 -0.29 -1.03	23.52 -0.21 -0.61	22.59 -0.06 0.00	20.65 -0.01 0.00	22.23 0.17 0.00
V_CMM_10_SYNC_DSASP 323787	20.83 -0.26 0.00	20.91 -0.26 0.00	16.33 -0.24 0.00	16.76 -0.18 0.00	15.27 -0.19 0.00	17.70 -0.30 0.00	24.28 -0.48 0.00	17.73 -0.40 0.00	21.31 -0.51 0.00	25.40 -0.60 0.00	23.76 -0.57 0.00	18.89 -0.47 0.00	7.20 -0.17 0.00	1.57 -0.04 0.00	11.27 -0.27 0.00	0.86 -0.02 0.00	-1.20 0.03 0.00	3.99 -0.10 0.00	1.29 -0.01 0.00	16.38 -0.32 0.00	22.69 -0.42 0.00	22.27 -0.37 0.00	20.38 -0.26 0.00	21.91 -0.14 0.00
V_CMP_10_SYNC_DSASP 323788	21.15 0.06 0.00	21.27 0.09 0.00	16.48 -0.09 0.00	16.95 0.00 0.00	15.48 0.02 0.00	17.83 -0.17 0.00	24.40 -0.36 0.00	17.71 -0.42 0.00	21.17 -0.65 0.00	25.01 -0.99 0.00	23.20 -1.13 0.00	5.66 -1.01 12.69	-7.23 -0.38 14.23	-9.80 -0.09 11.32	-21.22 -0.62 32.15	-21.19 -0.04 22.03	-12.50 0.07 11.34	3.88 -0.21 0.00	1.37 0.07 0.00	16.70 0.00 0.00	23.08 -0.04 0.00	22.81 0.17 0.00	20.75 0.09 0.00	22.16 0.11 0.00
V_E_10_SYNC_DSASP 323830	22.58 1.49 0.00	22.54 1.37 0.00	17.60 1.04 0.00	17.99 1.04 0.00	16.39 0.93 0.00	19.08 1.09 0.00	27.11 1.79 -0.56	22.97 1.35 -3.49	24.32 1.65 -0.85	27.92 1.92 0.00	25.89 1.56 0.00	21.31 1.03 -0.92	12.21 0.37 -4.46	8.78 0.10 -7.08	15.24 0.57 -3.13	8.84 0.02 -7.93	8.69 -0.06 -9.98	13.38 0.25 -9.04	14.62 0.14 -13.18	20.48 1.48 -2.29	26.49 2.01 -1.36	24.45 1.81 0.00	22.15 1.50 0.00	23.57 1.52 0.00
V_F_30_NSYNC___DSASP 323816	22.14 1.05 0.00	15.70 1.07 6.53	17.39 0.83 0.00	17.84 0.89 0.00	16.29 0.84 0.00	19.01 1.01 0.00	28.40 1.47 -2.16	33.48 1.24 -14.11	26.66 1.42 -3.42	27.15 1.53 0.38	25.71 1.45 0.07	24.27 1.19 -3.72	25.87 0.47 -18.03	30.28 0.10 -28.57	24.87 0.72 -12.61	32.71 0.06 -31.77	38.67 -0.08 -39.98	40.93 0.27 -36.57	54.70 0.09 -53.31	27.07 1.10 -9.26	30.17 1.55 -5.50	24.05 1.40 0.00	21.85 1.20 0.00	23.08 1.03 0.00

V_F_30_SYNC_DSASP 323786	21.42 0.33 0.00	15.56 0.37 5.97	16.86 0.29 0.00	17.28 0.33 0.00	15.77 0.32 0.00	18.37 0.37 0.00	27.42 0.53 -2.13	32.51 0.53 -13.85	25.75 0.57 -3.36	26.24 0.58 0.34	24.86 0.60 0.07	23.54 0.53 -3.65	25.29 0.22 -17.69	29.70 0.05 -28.04	24.26 0.34 -12.38	32.11 0.03 -31.19	38.00 -0.04 -39.26	40.12 0.13 -35.90	53.74 0.04 -52.40	26.34 0.52 -9.11	29.26 0.74 -5.41	23.28 0.63 0.00	21.13 0.48 0.00	22.32 0.27 0.00
V_XM_10_SYNC_DSASP 323789	21.15 0.06 0.00	21.27 0.09 0.00	16.48 -0.09 0.00	16.95 0.00 0.00	15.48 0.02 0.00	17.83 -0.17 0.00	24.40 -0.36 0.00	17.71 -0.42 0.00	21.17 -0.65 0.00	25.01 -0.99 0.00	23.20 -1.13 12.69	5.66 -1.01 14.23	-7.23 -0.38 11.32	-9.80 -0.09 11.32	-21.22 -0.62 32.15	-21.19 -0.04 22.03	-12.50 0.07 11.34	3.88 -0.21 0.00	1.37 0.07 0.00	16.70 0.00 0.00	23.08 -0.04 0.00	22.81 0.17 0.00	20.75 0.09 0.00	22.16 0.11 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.93 0.84 0.00	26.70 0.84 -4.69	17.30 0.74 0.00	17.64 0.70 0.00	16.13 0.67 0.00	18.83 0.83 0.00	27.78 1.22 -1.80	30.10 1.06 -10.91	25.81 1.32 -2.67	27.91 1.60 -0.32	26.01 1.62 -0.06	23.64 1.41 -2.88	21.85 0.54 -13.94	23.82 0.12 -22.09	22.24 0.89 -9.80	25.96 0.08 -25.00	30.26 -0.10 -31.59	32.69 0.32 -28.28	42.64 0.09 -41.25	25.02 1.15 -7.17	28.87 1.50 -4.26	24.11 1.47 0.00	21.82 1.17 0.00	23.07 1.02 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.09 1.00 0.00	27.31 0.98 -5.15	17.43 0.86 0.00	17.77 0.82 0.00	16.27 0.81 0.00	18.98 0.98 0.00	28.07 1.43 -1.87	30.63 1.18 -11.32	26.12 1.52 -2.77	28.22 1.89 -0.34	26.29 1.89 -0.07	23.98 1.64 -2.99	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.92 0.08 -25.96	31.45 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.36 1.22 -7.44	29.13 1.60 -4.42	24.24 1.60 0.00	21.93 1.28 0.00	23.15 1.10 0.00
W50THST__13_KV_LOAD 356117	22.22 1.13 0.00	27.44 1.12 -5.15	17.53 0.96 0.00	17.86 0.92 0.00	16.36 0.90 0.00	19.09 1.09 0.00	28.25 1.62 -1.87	30.78 1.32 -11.32	26.30 1.71 -2.77	28.45 2.12 -0.34	26.50 2.11 -0.07	24.16 1.81 -2.99	22.53 0.69 -14.47	24.69 0.15 -22.93	22.85 1.14 -10.17	26.93 0.09 -25.96	31.44 -0.12 -32.79	33.83 0.40 -29.34	44.21 0.10 -42.81	25.50 1.35 -7.44	29.32 1.78 -4.42	24.42 1.77 0.00	22.08 1.43 0.00	23.30 1.25 0.00
WADING RIVER_IC_1 23522	22.81 1.71 0.00	28.02 1.70 -5.15	18.00 1.44 0.00	18.33 1.38 0.00	16.80 1.35 0.00	19.69 1.69 0.00	28.83 2.19 -1.87	31.31 1.86 -11.32	26.89 2.29 -2.77	29.10 2.77 -0.34	27.07 2.68 -0.07	24.68 2.33 -2.99	22.71 0.87 -14.47	24.72 0.18 -22.93	23.11 1.39 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.99 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.06 2.52 -4.42	25.08 2.43 0.00	22.79 2.13 0.00	23.82 1.77 0.00
WADING RIVER_IC_2 23547	22.81 1.71 0.00	28.02 1.70 -5.15	18.00 1.44 0.00	18.33 1.38 0.00	16.80 1.35 0.00	19.69 1.69 0.00	28.83 2.19 -1.87	31.31 1.86 -11.32	26.89 2.29 -2.77	29.10 2.77 -0.34	27.07 2.68 -0.07	24.68 2.33 -2.99	22.71 0.87 -14.47	24.72 0.18 -22.93	23.11 1.39 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.99 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.06 2.52 -4.42	25.08 2.43 0.00	22.79 2.13 0.00	23.82 1.77 0.00
WADING RIVER_IC_3 23601	22.81 1.71 0.00	28.02 1.70 -5.15	18.00 1.44 0.00	18.33 1.38 0.00	16.80 1.35 0.00	19.69 1.69 0.00	28.83 2.19 -1.87	31.31 1.86 -11.32	26.89 2.29 -2.77	29.10 2.77 -0.34	27.07 2.68 -0.07	24.68 2.33 -2.99	22.71 0.87 -14.47	24.72 0.18 -22.93	23.11 1.39 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.99 0.54 -29.35	44.25 0.13 -42.82	26.11 1.97 -7.44	30.06 2.52 -4.42	25.08 2.43 0.00	22.79 2.13 0.00	23.82 1.77 0.00
WALDENNY_12_KV_BK2 80841	21.85 0.76 0.00	21.93 0.77 0.00	17.09 0.52 0.00	17.34 0.39 0.00	15.75 0.29 0.00	18.49 0.49 0.00	25.62 0.56 -0.29	20.25 0.28 -1.84	22.66 0.40 -0.44	26.58 0.59 0.00	24.63 0.30 0.00	20.01 0.18 -0.48	9.73 0.05 -2.31	5.28 0.02 -3.66	13.28 0.13 -1.60	4.93 0.00 -4.05	3.94 -0.02 -5.19	8.80 0.01 -4.70	8.07 -0.08 -6.85	17.89 -0.01 -1.19	24.04 0.22 -0.71	23.06 0.41 0.00	21.02 0.37 0.00	22.65 0.60 0.00
WALDEN__HYDRO 24148	21.92 0.83 0.00	25.82 0.82 -3.82	17.28 0.71 0.00	17.63 0.69 0.00	16.12 0.66 0.00	18.83 0.82 0.00	27.78 1.21 -1.81	30.30 1.13 -11.03	25.90 1.37 -2.70	27.84 1.57 -0.27	25.93 1.54 -0.05	23.60 1.33 -2.91	21.97 0.51 -14.09	24.06 0.12 -22.34	22.28 0.83 -9.90	26.20 0.07 -25.24	30.56 -0.09 -31.88	33.00 0.32 -28.59	43.10 0.09 -41.71	25.17 1.22 -7.25	29.03 1.61 -4.31	24.19 1.54 0.00	21.89 1.24 0.00	23.13 1.08 0.00
WARRENSBURG____ 23737	22.35 1.26 0.00	16.19 1.25 6.23	17.55 0.98 0.00	18.02 1.08 0.00	16.47 1.02 0.00	19.25 1.25 0.00	28.81 1.87 -2.17	33.85 1.58 -14.14	27.08 1.83 -3.43	27.59 1.96 0.36	26.08 1.81 0.07	24.57 1.49 -3.73	26.02 0.58 -18.06	30.36 0.12 -28.63	25.06 0.88 -12.64	32.79 0.07 -31.85	38.76 -0.09 -40.08	41.04 0.31 -36.64	54.80 0.09 -53.40	27.22 1.24 -9.28	30.43 1.80 -5.51	24.27 1.62 0.00	22.11 1.46 0.00	23.32 1.27 0.00
WATERSIDE____6 8 9 23538	22.12 1.03 0.00	27.34 1.02 -5.15	17.45 0.88 0.00	17.79 0.84 0.00	16.27 0.82 0.00	18.99 0.99 0.00	28.07 1.43 -1.87	30.65 1.20 -11.32	26.15 1.55 -2.78	28.26 1.92 -0.34	26.32 1.92 -0.07	89.52 1.64 -68.53	22.46 0.62 -14.47	24.67 0.14 -22.93	22.74 1.02 -10.17	26.93 0.08 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.38 1.23 -7.44	29.14 1.60 -4.42	24.25 1.60 0.00	21.93 1.27 0.00	23.14 1.09 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.13 0.04 0.00	21.19 0.02 0.00	16.59 0.03 0.00	16.98 0.03 0.00	15.51 0.06 0.00	18.07 0.07 0.00	24.87 0.11 0.00	18.24 0.10 0.00	21.92 0.10 0.00	26.04 0.04 0.00	24.40 0.07 0.00	19.44 0.08 0.00	7.40 0.02 0.00	1.61 0.00 0.00	11.54 0.00 0.00	0.88 0.00 0.00	-1.24 0.00 0.00	4.11 0.02 0.00	1.31 0.01 0.00	16.82 0.11 0.00	23.29 0.18 0.00	22.79 0.14 0.00	20.74 0.09 0.00	22.01 -0.05 0.00
WATSON____69_KV_BK 1 55734	22.84 1.74 0.00	28.06 1.74 -5.15	18.01 1.44 0.00	18.34 1.40 0.00	16.81 1.35 0.00	19.69 1.69 0.00	28.87 2.23 -1.87	31.19 1.73 -11.32	26.79 2.20 -2.77	29.04 2.70 -0.34	26.99 2.59 -0.07	24.63 2.28 -2.99	22.69 0.84 -14.47	24.72 0.18 -22.93	23.08 1.36 -10.17	26.96 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.52 -29.35	44.25 0.13 -42.81	26.09 1.95 -7.44	30.04 2.51 -4.42	25.07 2.42 0.00	22.74 2.09 0.00	23.90 1.85 0.00
WDELAWARE__HYD 323627	21.56 0.47 0.00	24.07 0.44 -2.46	16.98 0.41 0.00	17.32 0.37 0.00	15.84 0.39 0.00	18.51 0.51 0.00	27.07 0.78 -1.53	28.20 0.67 -9.39	24.93 0.82 -2.30	27.06 0.92 -0.14	25.28 0.92 -0.03	22.60 0.76 -2.48	19.50 0.13 -12.00	20.66 0.03 -19.02	20.23 0.26 -8.43	22.33 0.02 -21.43	25.78 -0.03 -27.04	28.55 0.11 -24.34	36.85 0.03 -35.51	23.34 0.46 -6.17	27.84 1.06 -3.67	23.68 1.03 0.00	21.45 0.80 0.00	22.70 0.65 0.00



WEST BABYLON___IC 23714	22.71 1.62 0.00	27.94 1.62 -5.15	17.92 1.35 0.00	18.25 1.30 0.00	16.71 1.26 0.00	19.57 1.57 0.00	28.72 2.09 -1.87	31.10 1.64 -11.32	26.68 2.08 -2.77	28.90 2.56 -0.34	26.86 2.46 -0.07	24.51 2.17 -2.99	22.65 0.81 -14.47	24.71 0.17 -22.93	23.00 1.28 -10.17	26.95 0.11 -25.96	31.43 -0.14 -32.80	33.92 0.48 -29.35	44.24 0.12 -42.81	25.94 1.80 -7.44	29.87 2.34 -4.42	24.96 2.32 0.00	22.63 1.98 0.00	23.79 1.74 0.00
WEST CANADA___HYD 24049	21.14 0.04 0.00	21.21 0.04 0.00	16.60 0.04 0.00	16.98 0.03 0.00	15.49 0.03 0.00	18.04 0.04 0.00	24.82 0.06 0.00	18.19 0.06 0.00	21.90 0.08 0.00	26.07 0.08 0.00	24.41 0.07 0.00	19.43 0.07 0.00	7.40 0.02 0.00	1.61 0.00 0.00	11.58 0.03 0.00	0.88 0.00 0.00	-1.23 0.00 0.00	4.11 0.01 0.00	1.31 0.00 0.00	16.73 0.03 0.00	23.15 0.03 0.00	22.69 0.04 0.00	20.68 0.02 0.00	22.05 0.00 0.00
WESTERN_NY_WIND 24143	22.12 1.02 0.00	22.22 1.05 0.00	17.31 0.74 0.00	17.58 0.64 0.00	15.96 0.51 0.00	18.81 0.81 0.00	26.09 1.06 -0.27	20.55 0.75 -1.67	23.09 0.86 -0.40	26.93 0.93 0.00	24.91 0.58 0.00	20.17 0.37 -0.43	9.60 0.12 -2.10	4.97 0.03 -3.33	13.15 0.16 -1.45	4.51 0.00 -3.62	3.38 -0.02 -4.63	8.33 0.05 -4.19	7.36 -0.06 -6.11	18.02 0.25 -1.06	24.30 0.56 -0.63	23.31 0.66 0.00	21.24 0.59 0.00	22.81 0.76 0.00
WESTOVER___LESR 323668	21.57 0.48 0.00	21.57 0.41 0.00	16.87 0.31 0.00	17.21 0.26 0.00	15.70 0.25 0.00	18.34 0.33 0.00	25.85 0.53 -0.55	22.02 0.42 -3.47	23.17 0.50 -0.85	26.63 0.64 0.00	24.79 0.46 0.00	20.59 0.31 -0.92	11.92 0.10 -4.44	8.68 0.03 -7.04	14.85 0.20 -3.11	8.79 0.01 -7.89	8.67 -0.02 -9.92	13.16 0.09 -8.98	14.43 0.03 -13.10	19.32 0.34 -2.28	24.98 0.51 -1.35	23.17 0.52 0.00	21.05 0.40 0.00	22.48 0.42 0.00
WETHRSFD_WT_PWR 323626	21.59 0.50 0.00	21.65 0.48 0.00	16.86 0.30 0.00	17.11 0.16 0.00	15.59 0.13 0.00	18.26 0.25 0.00	25.39 0.30 -0.33	20.32 0.13 -2.06	22.52 0.20 -0.50	26.31 0.32 0.00	24.36 0.03 0.00	19.82 -0.08 -0.54	9.93 -0.06 -2.61	5.75 -0.01 -4.14	13.32 -0.05 -1.82	5.48 -0.01 -4.61	4.63 0.00 -5.86	9.37 -0.03 -5.30	8.98 -0.05 -7.74	18.02 -0.03 -1.34	24.09 0.18 -0.80	22.95 0.30 0.00	20.88 0.22 0.00	22.47 0.42 0.00
WHAVSTOR_138KV_BK127 55557	21.85 0.75 0.00	26.63 0.76 -4.70	17.24 0.68 0.00	17.58 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.68 1.12 -1.80	30.03 0.97 -10.92	25.71 1.22 -2.68	27.79 1.48 -0.32	25.90 1.51 -0.06	23.56 1.32 -2.88	21.84 0.51 -13.96	23.84 0.11 -22.12	22.19 0.84 -9.81	25.99 0.07 -25.04	30.31 -0.09 -31.63	32.71 0.30 -28.31	42.69 0.08 -41.30	24.95 1.07 -7.18	28.76 1.39 -4.26	24.00 1.36 0.00	21.73 1.08 0.00	22.98 0.93 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.85 0.75 0.00	26.63 0.76 -4.70	17.24 0.68 0.00	17.58 0.64 0.00	16.07 0.62 0.00	18.76 0.76 0.00	27.68 1.12 -1.80	30.03 0.97 -10.92	25.71 1.22 -2.68	27.79 1.48 -0.32	25.90 1.51 -0.06	23.56 1.32 -2.88	21.84 0.51 -13.96	23.84 0.11 -22.12	22.19 0.84 -9.81	25.99 0.07 -25.04	30.31 -0.09 -31.63	32.71 0.30 -28.31	42.69 0.08 -41.30	24.95 1.07 -7.18	28.76 1.39 -4.26	24.00 1.36 0.00	21.73 1.08 0.00	22.98 0.93 0.00
WHITEHAL_115KV_TB1 80871	22.51 1.42 0.00	16.21 1.39 6.35	17.67 1.11 0.00	18.28 1.33 0.00	16.73 1.27 0.00	19.63 1.63 0.00	29.45 2.52 -2.17	34.52 2.26 -14.13	27.84 2.59 -3.43	28.24 2.61 0.37	26.51 2.25 0.07	24.94 1.86 -3.72	26.13 0.70 -18.05	30.37 0.16 -28.61	25.23 1.06 -12.63	32.78 0.08 -31.81	38.68 -0.12 -40.03	41.15 0.45 -36.61	54.81 0.14 -53.36	27.72 1.75 -9.27	30.88 2.26 -5.51	24.65 2.00 0.00	22.41 1.75 0.00	23.50 1.44 0.00
WHITEPLN_13_KV_LOAD 356215	22.13 1.04 0.00	27.33 1.03 -5.14	17.45 0.88 0.00	17.80 0.85 0.00	16.27 0.82 0.00	19.00 1.00 0.00	28.08 1.45 -1.87	30.61 1.18 -11.30	26.06 1.47 -2.77	28.13 1.80 -0.34	26.20 1.81 -0.07	23.90 1.56 -2.98	22.40 0.60 -14.43	24.62 0.13 -22.87	22.67 0.98 -10.15	26.86 0.08 -25.90	31.39 -0.10 -32.72	33.72 0.35 -29.28	44.11 0.10 -42.71	25.38 1.26 -7.42	29.17 1.65 -4.41	24.25 1.61 0.00	21.98 1.32 0.00	23.25 1.20 0.00
WM_FLOYD_69_KV_BK2 356380	22.79 1.70 0.00	28.00 1.68 -5.15	17.99 1.42 0.00	18.32 1.37 0.00	16.79 1.34 0.00	19.67 1.67 0.00	28.83 2.19 -1.87	31.22 1.76 -11.32	26.80 2.21 -2.77	29.01 2.68 -0.34	26.98 2.59 -0.07	24.58 2.23 -2.99	22.67 0.83 -14.47	24.72 0.18 -22.93	23.05 1.33 -10.17	26.97 0.12 -25.96	31.42 -0.15 -32.80	33.96 0.52 -29.35	44.25 0.13 -42.81	26.06 1.92 -7.44	29.98 2.44 -4.42	25.00 2.35 0.00	22.71 2.06 0.00	23.80 1.75 0.00
WOODARD___115KV_TB2 355635	21.14 0.05 0.00	21.20 0.03 0.00	16.57 0.01 0.00	16.92 -0.03 0.00	15.42 -0.03 0.00	18.03 0.03 0.00	25.04 0.09 -0.18	19.33 0.06 -1.15	22.17 0.07 -0.28	26.09 0.09 0.00	24.37 0.04 0.00	19.65 -0.02 -0.30	8.81 -0.02 -1.46	3.92 0.00 -2.32	12.52 -0.04 -1.03	3.47 -0.01 -2.60	2.06 0.01 -3.28	7.06 -0.01 -2.97	5.63 -0.01 -4.33	17.45 -0.01 -0.75	23.56 0.00 -0.45	22.62 -0.03 0.00	20.59 -0.06 0.00	22.03 -0.02 0.00
YORK___WARBASSE 23770	22.16 1.07 0.00	27.35 1.03 -5.15	17.52 0.96 0.00	17.87 0.92 0.00	16.35 0.90 0.00	19.09 1.09 0.00	28.16 1.52 -1.87	30.53 1.17 -11.23	26.15 1.55 -2.78	28.16 1.82 -0.34	26.19 1.79 -0.07	57.38 1.62 -36.40	22.47 0.62 -14.47	24.68 0.14 -22.93	22.75 1.03 -10.17	26.93 0.09 -25.96	31.46 -0.11 -32.79	33.79 0.36 -29.34	44.20 0.09 -42.81	25.41 1.26 -7.44	29.19 1.65 -4.42	24.34 1.69 0.00	22.00 1.34 0.00	23.21 1.16 0.00