

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/24/2023

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	20.85	16.88	14.06	14.31	12.48	13.20	14.89	14.23	19.22	20.95	25.02	23.93	28.17	28.66	28.24	28.24	27.57	31.64	33.67	31.85	32.23	30.66	23.82	25.00
24138	1.20	0.92	0.75	0.76	0.64	0.68	0.80	0.78	1.10	1.21	1.53	1.51	1.76	1.75	1.69	1.63	1.68	2.10	2.19	2.07	1.84	1.71	1.30	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00
74TH STREET_GT_1	20.84	16.86	14.04	14.29	12.47	13.19	14.88	14.22	19.20	20.94	25.00	23.91	28.16	28.69	28.27	28.27	27.59	31.65	33.68	31.88	32.26	30.69	23.83	24.99
24260	1.18	0.90	0.73	0.74	0.63	0.66	0.79	0.77	1.09	1.20	1.51	1.50	1.75	1.78	1.71	1.66	1.71	2.11	2.20	2.10	1.87	1.74	1.31	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00
74TH STREET_GT_2	20.84	16.86	14.04	14.29	12.47	13.19	14.88	14.22	19.20	20.94	25.00	23.91	28.16	28.69	28.27	28.27	27.59	31.65	33.68	31.88	32.26	30.69	23.83	24.99
24261	1.18	0.90	0.73	0.74	0.63	0.66	0.79	0.77	1.09	1.20	1.51	1.50	1.75	1.78	1.71	1.66	1.71	2.11	2.20	2.10	1.87	1.74	1.31	1.29
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	20.93	16.99	14.20	14.47	12.62	13.35	15.07	14.39	19.42	21.19	25.33	24.16	28.37	28.98	28.47	28.51	27.89	32.08	34.44	32.53	32.96	31.24	23.99	25.12
24011	1.28	1.04	0.88	0.92	0.78	0.83	0.97	0.94	1.30	1.46	1.84	1.74	1.96	2.07	1.92	1.89	2.01	2.54	2.96	2.73	2.57	2.29	1.47	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	21.03	17.08	14.28	14.57	12.69	13.44	15.19	14.50	19.56	21.37	25.55	24.35	28.63	29.25	28.72	28.77	28.14	32.37	34.80	32.84	33.24	31.46	24.10	25.21
23798	1.38	1.13	0.97	1.02	0.85	0.92	1.10	1.05	1.44	1.63	2.07	1.93	2.22	2.34	2.17	2.16	2.25	2.83	3.33	3.05	2.85	2.51	1.59	1.51
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	20.93	16.99	14.20	14.47	12.62	13.35	15.07	14.39	19.42	21.19	25.33	24.16	28.37	28.98	28.47	28.51	27.89	32.08	34.44	32.53	32.96	31.24	23.99	25.12
24028	1.28	1.04	0.88	0.92	0.78	0.83	0.97	0.94	1.30	1.46	1.84	1.74	1.96	2.07	1.92	1.89	2.01	2.54	2.96	2.73	2.57	2.29	1.47	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
ADK_NYS___DAM	20.35	16.57	13.85	14.11	12.29	13.00	14.58	13.88	18.72	20.41	24.41	23.29	27.55	28.19	27.72	27.83	26.99	30.97	33.10	31.24	31.79	30.32	23.24	24.47
23527	0.70	0.62	0.54	0.56	0.46	0.48	0.49	0.43	0.60	0.67	0.92	0.87	1.13	1.28	1.16	1.22	1.11	1.44	1.62	1.45	1.40	1.37	0.72	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	19.77	16.06	13.41	13.65	11.99	12.60	14.16	13.53	18.23	19.86	23.71	22.65	26.73	27.30	26.88	26.95	26.22	30.08	32.06	30.32	30.78	29.29	22.62	23.79
24190	0.12	0.11	0.10	0.10	0.15	0.08	0.08	0.08	0.11	0.12	0.22	0.23	0.32	0.39	0.32	0.34	0.33	0.54	0.59	0.52	0.39	0.34	0.10	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	19.58	15.92	13.30	13.52	11.82	12.52	14.09	13.43	18.08	19.77	23.48	22.36	26.27	26.70	26.39	26.46	25.71	29.19	31.09	29.37	30.15	28.83	22.50	23.60
355683	-0.07	-0.03	-0.01	-0.02	-0.02	0.00	0.00	-0.02	-0.05	0.03	0.00	-0.06	-0.14	-0.21	-0.17	-0.15	-0.17	-0.35	-0.38	-0.34	-0.24	-0.12	-0.02	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.77	16.06	13.41	13.65	11.99	12.60	14.16	13.53	18.23	19.86	23.71	22.65	26.73	27.30	26.88	26.95	26.22	30.08	32.06	30.32	30.78	29.29	22.62	23.79
23571	0.12	0.11	0.10	0.10	0.15	0.08	0.08	0.08	0.11	0.12	0.22	0.23	0.32	0.39	0.32	0.34	0.33	0.54	0.59	0.52	0.39	0.34	0.10	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
ALBANY___2	19.77	16.06	13.41	13.65	11.99	12.60	14.16	13.53	18.23	19.86	23.71	22.65	26.73	27.30	26.88	26.95	26.22	30.08	32.06	30.32	30.78	29.29	22.62	23.79
23572	0.12	0.11	0.10	0.10	0.15	0.08	0.08	0.08	0.11	0.12	0.22	0.23	0.32	0.39	0.32	0.34	0.33	0.54	0.59	0.52	0.39	0.34	0.10	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00
ALBANY___3	19.77	16.06	13.41	13.65	11.99	12.60	14.16	13.53	18.23	19.86	23.71	22.65	26.73	27.30	26.88	26.95	26.22	30.08	32.06	30.32	30.78	29.29	22.62	23.79
23573	0.12	0.11	0.10	0.10	0.15	0.08	0.08	0.08	0.11	0.12	0.22	0.23	0.32	0.39	0.32	0.34	0.33	0.54	0.59	0.52	0.39	0.34	0.10	0.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.08	0.00	0.00	0.00	0.00

ALBANY___4 23574	19.77 0.12 0.00	16.06 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.99 0.15 0.00	12.60 0.08 0.00	14.16 0.08 0.00	13.53 0.08 0.00	18.23 0.11 0.00	19.86 0.12 0.00	23.71 0.22 0.00	22.65 0.23 0.00	26.73 0.32 0.00	27.30 0.39 0.00	26.88 0.32 0.00	26.95 0.34 0.00	26.22 0.33 0.00	30.08 0.54 0.00	32.06 0.59 0.00	30.32 0.52 -0.08	30.78 0.39 0.00	29.29 0.34 0.00	22.62 0.10 0.00	23.79 0.08 0.00
ALBANY___LFGE 323615	19.98 0.33 0.00	16.23 0.27 0.00	13.55 0.23 0.00	13.78 0.24 0.00	12.09 0.25 0.00	12.73 0.21 0.00	14.30 0.22 0.00	13.66 0.22 0.00	18.42 0.31 0.00	20.07 0.33 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.59 0.69 0.00	27.17 0.62 0.00	27.25 0.64 0.00	26.50 0.62 0.00	30.41 0.88 0.00	32.42 0.94 0.00	30.64 0.85 -0.08	31.12 0.73 0.00	29.61 0.66 0.00	22.87 0.35 0.00	24.04 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	19.71 0.06 0.00	16.02 0.07 0.00	13.39 0.07 0.00	13.61 0.06 0.00	11.89 0.06 0.00	12.60 0.08 0.00	14.19 0.10 0.00	13.52 0.08 0.00	18.21 0.08 0.00	19.91 0.17 0.00	23.62 0.14 0.00	22.46 0.04 0.00	26.38 -0.03 0.00	26.81 -0.10 0.00	26.50 -0.06 0.00	26.57 -0.05 0.00	25.81 -0.07 0.00	29.32 -0.22 0.00	31.24 -0.23 0.00	29.52 -0.19 0.00	30.31 -0.08 0.00	29.01 0.06 0.00	22.64 0.12 0.00	23.75 0.04 0.00
ALCOA_RYNLDS___DRP 24188	19.71 0.06 0.00	16.02 0.07 0.00	13.39 0.07 0.00	13.61 0.06 0.00	11.89 0.06 0.00	12.60 0.08 0.00	14.19 0.10 0.00	13.52 0.08 0.00	18.21 0.08 0.00	19.91 0.17 0.00	23.62 0.14 0.00	22.46 0.04 0.00	26.38 -0.03 0.00	26.81 -0.10 0.00	26.50 -0.06 0.00	26.57 -0.05 0.00	25.81 -0.07 0.00	29.32 -0.22 0.00	31.24 -0.23 0.00	29.52 -0.19 0.00	30.31 -0.08 0.00	29.01 0.06 0.00	22.64 0.12 0.00	23.75 0.04 0.00
ALCOA___DSASP 323711	19.71 0.06 0.00	16.02 0.07 0.00	13.39 0.07 0.00	13.61 0.06 0.00	11.89 0.06 0.00	12.60 0.08 0.00	14.19 0.10 0.00	13.53 0.08 0.00	18.21 0.08 0.00	19.91 0.18 0.00	23.62 0.14 0.00	22.46 0.04 0.00	26.38 -0.03 0.00	26.81 -0.10 0.00	26.50 -0.06 0.00	26.57 -0.05 0.00	25.81 -0.07 0.00	29.32 -0.22 0.00	31.24 -0.23 0.00	29.52 -0.19 0.00	30.31 -0.08 0.00	29.01 0.06 0.00	22.64 0.12 0.00	23.75 0.04 0.00
ALLEGHENY___COGEN 23514	20.12 0.47 0.00	16.37 0.41 0.00	13.63 0.32 0.00	13.83 0.28 0.00	12.13 0.30 0.00	12.76 0.24 0.00	14.31 0.22 0.00	13.71 0.26 0.00	18.40 0.28 0.00	19.85 0.11 0.00	23.53 0.05 0.00	22.38 -0.03 0.00	26.49 0.07 0.00	26.96 0.05 0.00	26.71 0.16 0.00	26.87 0.26 0.00	26.15 0.27 0.00	30.15 0.61 0.00	32.22 0.74 0.00	30.51 0.78 -0.01	31.36 0.97 0.00	29.70 0.74 0.00	23.20 0.69 0.00	24.62 0.92 0.00
ALTAMONT_115KV_TB 2 55880	20.10 0.45 0.00	16.32 0.36 0.00	13.62 0.30 0.00	13.86 0.31 0.00	12.12 0.28 0.00	12.80 0.28 0.00	14.40 0.31 0.00	13.74 0.29 0.00	18.54 0.42 0.00	20.19 0.45 0.00	24.08 0.60 0.00	23.01 0.59 0.00	27.13 0.71 0.00	27.70 0.79 0.00	27.28 0.73 0.00	27.35 0.73 0.00	26.62 0.73 0.00	30.53 0.99 0.00	32.53 1.06 0.00	30.77 0.98 -0.08	31.26 0.87 0.00	29.75 0.80 0.00	23.00 0.48 0.00	24.18 0.48 0.00
ALTONA_WT_PWR 323606	19.92 0.27 0.00	16.17 0.22 0.00	13.52 0.21 0.00	13.78 0.24 0.00	12.09 0.25 0.00	12.85 0.33 0.00	14.52 0.43 0.00	13.83 0.38 0.00	18.65 0.53 0.00	20.50 0.76 0.00	24.41 0.93 0.00	23.19 0.77 0.00	27.16 0.75 0.00	27.39 0.48 0.00	27.19 0.63 0.00	27.33 0.71 0.00	26.46 0.58 0.00	30.39 0.85 0.00	32.60 1.12 0.00	30.75 1.04 0.00	31.36 0.97 0.00	29.77 0.82 0.00	22.82 0.31 0.00	23.67 -0.04 0.00
AMERICAN_REF_FUEL 24010	19.17 -0.48 0.00	15.61 -0.34 0.00	13.10 -0.21 0.00	13.31 -0.23 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.75 -0.34 0.00	13.04 -0.41 0.00	17.37 -0.75 0.00	18.54 -1.19 0.00	22.00 -1.48 0.00	21.04 -1.38 0.00	24.95 -1.46 0.00	25.42 -1.49 0.00	25.16 -1.40 0.00	25.17 -1.45 0.00	24.25 -1.64 0.00	27.78 -1.76 0.00	29.61 -1.87 0.00	27.94 -1.78 -0.01	28.80 -1.60 0.00	27.40 -1.55 0.00	21.62 -0.90 0.00	23.31 -0.39 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.80 0.15 0.00	16.06 0.10 0.00	13.35 0.04 0.00	13.61 0.06 0.00	11.88 0.04 0.00	12.57 0.05 0.00	14.07 -0.01 0.00	13.43 -0.02 0.00	17.93 -0.19 0.00	19.37 -0.37 0.00	23.08 -0.40 0.00	22.13 -0.29 0.00	26.30 -0.11 0.00	26.68 -0.23 0.00	26.46 -0.10 0.00	26.36 -0.26 0.00	25.47 -0.42 0.00	29.22 -0.32 0.00	31.09 -0.39 0.00	29.42 -0.30 -0.01	30.27 -0.11 0.00	28.88 -0.07 0.00	22.84 0.32 0.00	24.44 0.73 0.00
ARTHUR_KILL_GT_1 23520	20.75 1.10 0.00	16.81 0.86 0.00	14.02 0.71 0.00	14.27 0.72 0.00	12.43 0.59 0.00	13.13 0.61 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.80 1.06 0.00	24.78 1.29 0.00	23.77 1.36 0.00	27.84 1.43 0.01	28.04 1.48 0.35	27.21 1.44 0.79	26.80 1.36 1.16	26.82 1.45 0.51	30.27 1.73 0.99	33.26 1.79 0.01	31.50 1.73 -0.05	31.86 1.48 0.01	30.36 1.41 0.01	23.76 1.24 0.00	24.94 1.24 0.00
ARTHUR_KILL_2 23512	20.71 1.06 0.00	16.77 0.82 0.00	13.99 0.68 0.00	14.24 0.69 0.00	12.40 0.56 0.00	13.10 0.58 0.00	14.77 0.68 0.00	14.11 0.66 0.00	19.05 0.93 0.00	20.75 1.01 0.00	24.71 1.23 0.00	23.71 1.30 0.00	27.77 1.36 0.01	27.97 1.41 0.35	27.13 1.36 0.79	26.74 1.29 1.16	26.74 1.38 0.51	30.19 1.65 0.99	33.17 1.70 0.01	31.41 1.64 -0.05	31.77 1.39 0.01	30.27 1.33 0.01	23.69 1.18 0.00	24.88 1.17 0.00
ARTHUR_KILL_3 23513	20.62 0.97 0.00	16.69 0.74 0.00	13.90 0.59 0.00	14.15 0.60 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.73 0.64 0.00	14.07 0.62 0.00	19.00 0.88 0.00	20.70 0.96 0.00	24.71 1.22 0.00	23.64 1.22 0.00	27.82 1.41 0.00	28.33 1.43 0.00	27.92 1.37 0.00	27.92 1.31 0.00	27.24 1.36 0.00	31.24 1.70 0.00	33.24 1.76 0.00	31.47 1.70 -0.06	31.85 1.46 0.00	30.31 1.36 0.00	23.54 1.02 0.00	24.71 1.00 0.00
ARTHUR_KILL_COGEN 323718	20.75 1.10 0.00	16.81 0.86 0.00	14.02 0.71 0.00	14.27 0.72 0.00	12.43 0.59 0.00	13.13 0.61 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.80 1.06 0.00	24.78 1.29 0.00	23.77 1.36 0.00	27.84 1.43 0.01	28.04 1.48 0.35	27.21 1.44 0.79	26.80 1.36 1.16	26.82 1.45 0.51	30.27 1.73 0.99	33.26 1.79 0.01	31.50 1.73 -0.05	31.86 1.48 0.01	30.36 1.41 0.01	23.76 1.24 0.00	24.94 1.24 0.00
ASHOKAN____ 23654	20.29 0.64 0.00	16.44 0.49 0.00	13.72 0.40 0.00	13.96 0.41 0.00	12.21 0.37 0.00	12.89 0.36 0.00	14.51 0.42 0.00	13.89 0.44 0.00	18.78 0.66 0.00	20.52 0.78 0.00	24.54 1.06 0.00	23.47 1.06 0.00	27.71 1.30 0.00	28.27 1.36 0.00	27.81 1.26 0.00	27.90 1.29 0.00	27.19 1.31 0.00	31.26 1.73 0.00	33.35 1.87 0.00	31.48 1.70 -0.07	31.91 1.51 0.00	30.28 1.33 0.00	23.30 0.78 0.00	24.41 0.71 0.00

ASTORIA_EAST_ENERGY_CC1 323581	20.77 1.12 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.52 0.00	27.48 1.60 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.60 1.65 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.77 1.12 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.52 0.00	27.48 1.60 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.60 1.65 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT2_1 24094	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT2_2 24095	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT2_3 24096	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT2_4 24097	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT3_1 24098	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT3_2 24099	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT3_3 24100	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT3_4 24101	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT4_1 24102	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT4_2 24103	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT4_3 24104	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT4_4 24105	20.77 1.13 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.51 0.00	27.48 1.59 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.61 1.66 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA_GT_1 23523	20.81 1.15 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.85 0.76 0.00	14.19 0.74 0.00	19.19 1.07 0.00	20.90 1.17 0.00	24.93 1.45 0.00	23.85 1.44 0.00	28.06 1.65 0.00	28.63 1.71 0.00	28.20 1.65 0.00	28.18 1.57 0.00	27.53 1.65 0.00	31.57 2.04 0.00	33.61 2.13 0.00	31.82 2.05 -0.06	32.17 1.78 0.00	30.66 1.71 0.00	23.79 1.28 0.00	24.97 1.26 0.00

ASTORIA_GT_10 24110	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.93 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.21 0.00
ASTORIA_GT_11 24225	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.93 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.21 0.00
ASTORIA_GT_12 24226	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.93 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.21 0.00
ASTORIA_GT_13 24227	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.93 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.21 0.00
ASTORIA_GT_5 24106	20.81 1.15 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.85 0.76 0.00	14.19 0.74 0.00	19.19 1.07 0.00	20.90 1.17 0.00	24.93 1.45 0.00	23.85 1.44 0.00	28.06 1.65 0.00	28.63 1.71 0.00	28.20 1.65 0.00	28.18 1.57 0.00	27.53 1.65 0.00	31.57 2.04 0.00	33.61 2.13 0.00	31.82 2.05 -0.06	32.17 1.78 0.00	30.66 1.71 0.00	23.79 1.28 0.00	24.97 1.26 0.00
ASTORIA_GT_7 24107	20.81 1.15 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.85 0.76 0.00	14.19 0.74 0.00	19.19 1.07 0.00	20.90 1.17 0.00	24.93 1.45 0.00	23.85 1.44 0.00	28.06 1.65 0.00	28.63 1.71 0.00	28.20 1.65 0.00	28.18 1.57 0.00	27.53 1.65 0.00	31.57 2.04 0.00	33.61 2.13 0.00	31.82 2.05 -0.06	32.17 1.78 0.00	30.66 1.71 0.00	23.79 1.28 0.00	24.97 1.26 0.00
ASTORIA_GT_8 24108	20.81 1.15 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.85 0.76 0.00	14.19 0.74 0.00	19.19 1.07 0.00	20.90 1.17 0.00	24.93 1.45 0.00	23.85 1.44 0.00	28.06 1.65 0.00	28.63 1.72 0.00	28.20 1.65 0.00	28.17 1.56 0.00	27.52 1.65 0.00	31.57 2.04 0.00	33.60 2.13 0.00	31.82 2.05 -0.06	32.17 1.78 0.00	30.67 1.72 0.00	23.79 1.28 0.00	24.97 1.27 0.00
ASTORIA___2 24149	20.77 1.12 0.00	16.80 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.16 1.03 0.00	20.87 1.13 0.00	24.89 1.40 0.00	23.82 1.40 0.00	28.01 1.60 0.00	28.58 1.67 0.00	28.15 1.60 0.00	28.13 1.52 0.00	27.48 1.60 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.76 1.99 -0.06	32.12 1.73 0.00	30.60 1.65 0.00	23.75 1.24 0.00	24.93 1.22 0.00
ASTORIA___3 23516	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.15 1.59 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.48 1.95 0.00	33.49 2.01 0.00	31.70 1.92 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.20 0.00
ASTORIA___4 23517	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.93 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.21 0.00
ASTORIA___5 23518	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.48 1.95 0.00	33.49 2.01 0.00	31.70 1.92 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.20 0.00
AST_ENERGY_2_CC3 323677	20.68 1.03 0.00	16.74 0.79 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.10 0.58 0.00	14.78 0.69 0.00	14.12 0.67 0.00	19.06 0.94 0.00	20.77 1.04 0.00	24.80 1.31 0.00	23.73 1.31 0.00	27.93 1.51 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.83 -0.06	31.99 1.60 0.00	30.44 1.48 0.00	23.64 1.13 0.00	24.81 1.10 0.00
AST_ENERGY_2_CC4 323678	20.68 1.03 0.00	16.74 0.79 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.10 0.58 0.00	14.78 0.69 0.00	14.12 0.67 0.00	19.06 0.94 0.00	20.77 1.04 0.00	24.80 1.31 0.00	23.73 1.31 0.00	27.93 1.51 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.83 -0.06	31.99 1.60 0.00	30.44 1.48 0.00	23.64 1.13 0.00	24.81 1.10 0.00
ATHENS_STG_1 23668	20.25 0.60 0.00	16.42 0.47 0.00	13.70 0.39 0.00	13.95 0.40 0.00	12.18 0.34 0.00	12.87 0.35 0.00	14.50 0.41 0.00	13.84 0.39 0.00	18.67 0.55 0.00	20.34 0.60 0.00	24.26 0.78 0.00	23.19 0.77 0.00	27.34 0.93 0.00	27.90 0.99 0.00	27.48 0.92 0.00	27.53 0.92 0.00	26.81 0.93 0.00	30.75 1.21 0.00	32.75 1.27 0.00	30.97 1.19 -0.07	31.45 1.06 0.00	29.93 0.98 0.00	23.17 0.65 0.00	24.34 0.63 0.00
ATHENS_STG_2 23670	20.25 0.60 0.00	16.42 0.47 0.00	13.70 0.39 0.00	13.95 0.40 0.00	12.18 0.34 0.00	12.87 0.35 0.00	14.50 0.41 0.00	13.84 0.39 0.00	18.67 0.55 0.00	20.34 0.60 0.00	24.26 0.78 0.00	23.19 0.77 0.00	27.34 0.93 0.00	27.90 0.99 0.00	27.48 0.92 0.00	27.53 0.92 0.00	26.81 0.93 0.00	30.75 1.21 0.00	32.75 1.27 0.00	30.97 1.19 -0.07	31.45 1.06 0.00	29.93 0.98 0.00	23.17 0.65 0.00	24.34 0.63 0.00

ATHENS_STG_3 23677	20.25 0.60 0.00	16.42 0.47 0.00	13.70 0.39 0.00	13.95 0.40 0.00	12.18 0.34 0.00	12.87 0.35 0.00	14.50 0.41 0.00	13.84 0.39 0.00	18.67 0.55 0.00	20.34 0.60 0.00	24.26 0.78 0.00	23.19 0.77 0.00	27.34 0.93 0.00	27.90 0.99 0.00	27.48 0.92 0.00	27.53 0.92 0.00	26.81 0.93 0.00	30.75 1.21 0.00	32.75 1.27 0.00	30.97 1.19 -0.07	31.45 1.06 0.00	29.93 0.98 0.00	23.17 0.65 0.00	24.34 0.63 0.00
AUBURN____LFGE 323710	19.83 0.18 0.00	16.11 0.16 0.00	13.38 0.07 0.00	13.67 0.12 0.00	11.94 0.10 0.00	12.65 0.13 0.00	14.20 0.11 0.00	13.59 0.14 0.00	18.33 0.21 0.00	19.81 0.07 0.00	23.62 0.14 0.00	22.54 0.12 0.00	26.67 0.25 0.00	27.12 0.21 0.00	26.78 0.23 0.00	26.88 0.27 0.00	26.05 0.16 0.00	29.93 0.39 0.00	31.80 0.33 0.00	30.14 0.42 -0.01	30.81 0.42 0.00	29.27 0.32 0.00	22.67 0.15 0.00	24.01 0.30 0.00
BABYLON_RES_REC 323704	20.97 1.32 0.00	16.95 1.00 0.00	14.16 0.84 0.00	14.39 0.85 0.00	12.55 0.72 0.00	13.27 0.74 0.00	14.99 0.90 0.00	14.34 0.89 0.00	19.45 1.34 0.00	21.17 1.43 0.00	25.37 1.89 0.00	25.67 1.91 -1.34	28.61 2.19 0.00	29.22 2.31 0.00	28.83 2.27 0.00	28.77 2.15 0.00	28.12 2.23 0.00	32.29 2.75 0.00	34.26 2.79 0.00	32.50 2.73 -0.06	32.76 2.37 0.00	31.16 2.21 0.00	24.26 1.74 0.00	25.21 1.50 0.00
BABYLON__69_KV_BK2 356345	21.19 1.54 0.00	17.13 1.18 0.00	14.30 0.99 0.00	14.54 0.99 0.00	12.68 0.84 0.00	13.41 0.89 0.00	15.16 1.07 0.00	14.50 1.05 0.00	19.67 1.55 0.00	21.42 1.68 0.00	25.68 2.19 0.00	25.98 2.22 -1.34	28.97 2.55 0.00	29.59 2.68 0.00	29.21 2.66 0.00	29.15 2.54 0.00	28.48 2.60 0.00	32.71 3.18 0.00	34.73 3.25 0.00	32.94 3.16 -0.06	33.18 2.79 0.00	31.56 2.61 0.00	24.55 2.04 0.00	25.49 1.79 0.00
BALL_HILL_WT_PWR 323825	19.79 0.13 0.00	16.07 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.96 0.12 0.00	12.65 0.13 0.00	14.13 0.04 0.00	13.48 0.03 0.00	17.99 -0.13 0.00	19.31 -0.43 0.00	22.93 -0.55 0.00	21.90 -0.51 0.00	26.01 -0.40 0.00	26.43 -0.48 0.00	26.18 -0.37 0.00	26.17 -0.44 0.00	25.33 -0.55 0.00	29.00 -0.54 0.00	30.95 -0.53 0.00	29.22 -0.50 -0.01	30.09 -0.30 0.00	28.61 -0.34 0.00	22.53 0.01 0.00	24.11 0.41 0.00
BARON_WINDS____WT_PWR 323822	19.53 -0.12 0.00	15.88 -0.07 0.00	13.18 -0.14 0.00	13.41 -0.14 0.00	11.74 -0.10 0.00	12.27 -0.25 0.00	13.73 -0.36 0.00	13.19 -0.26 0.00	17.74 -0.38 0.00	19.26 -0.48 0.00	22.98 -0.50 0.00	21.92 -0.50 0.00	25.98 -0.43 0.00	26.45 -0.46 0.00	26.23 -0.33 0.00	26.28 -0.34 0.00	25.55 -0.33 0.00	29.16 -0.38 0.00	31.15 -0.33 0.00	29.40 -0.33 -0.01	30.32 -0.07 0.00	28.79 -0.16 0.00	22.54 0.03 0.00	23.92 0.22 0.00
BARRETT_IC_1 23704	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_10 23701	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_11 23702	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_12 23703	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_2 23705	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_3 23706	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_4 23707	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_5 23708	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_6 23709	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00

BARRETT_IC_7 23710	20.90 1.25 0.00	16.91 0.95 0.00	14.10 0.78 0.00	14.33 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.21 1.73 0.00	25.47 1.72 -1.34	28.36 1.95 0.00	28.89 1.98 0.00	28.46 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.85 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_8 23711	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT_IC_9 23700	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT___1 23545	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BARRETT___2 23546	20.90 1.25 0.00	16.90 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.92 0.83 0.00	14.26 0.81 0.00	19.33 1.21 0.00	21.03 1.29 0.00	25.22 1.73 -0.01	25.48 1.72 -1.35	28.36 1.95 0.00	28.89 1.98 0.00	28.45 1.90 0.00	28.41 1.80 0.00	27.77 1.88 0.00	31.86 2.32 0.00	33.82 2.35 0.00	32.06 2.29 -0.06	32.39 2.00 0.00	30.87 1.92 0.00	24.02 1.50 0.00	25.04 1.34 0.00
BATAVIA___115KV_TB1 55881	19.82 0.16 0.00	16.11 0.16 0.00	13.50 0.18 0.00	13.70 0.15 0.00	12.01 0.17 0.00	12.74 0.21 0.00	14.20 0.11 0.00	13.50 0.05 0.00	18.06 -0.06 0.00	19.36 -0.38 0.00	22.97 -0.51 0.00	21.91 -0.51 0.00	26.01 -0.41 0.00	26.50 -0.41 0.00	26.22 -0.34 0.00	26.25 -0.36 0.00	25.40 -0.49 0.00	29.13 -0.41 0.00	31.08 -0.40 0.00	29.37 -0.35 -0.01	30.20 -0.19 0.00	28.67 -0.28 0.00	22.51 -0.01 0.00	24.12 0.41 0.00
BAYONEEC___CTG1 323682	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG10 323750	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG2 323683	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG3 323684	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG4 323685	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG5 323686	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG6 323687	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG7 323688	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BAYONEEC___CTG8 323689	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00

BAYONEEC___CTG9 323749	20.70 1.05 0.00	16.75 0.80 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.78 0.69 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.78 1.05 0.00	24.81 1.33 0.00	23.74 1.32 0.00	27.94 1.53 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.85 0.00	33.39 1.91 0.00	31.61 1.84 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.82 1.12 0.00
BEACON___LESR 323632	20.10 0.45 0.00	16.32 0.36 0.00	13.59 0.27 0.00	13.85 0.30 0.00	12.14 0.30 0.00	12.78 0.25 0.00	14.39 0.30 0.00	13.75 0.29 0.00	18.55 0.43 0.00	20.19 0.45 0.00	24.12 0.63 0.00	23.00 0.58 0.00	27.22 0.81 0.00	27.74 0.83 0.00	27.34 0.79 0.00	27.39 0.78 0.00	26.67 0.78 0.00	30.67 1.13 0.00	32.67 1.19 0.00	30.85 1.06 -0.08	31.34 0.95 0.00	29.79 0.84 0.00	22.98 0.46 0.00	24.16 0.45 0.00
BEAVER RIVER___HYD 24048	19.68 0.03 0.00	15.99 0.04 0.00	13.43 0.11 0.00	13.66 0.11 0.00	11.92 0.08 0.00	12.63 0.11 0.00	14.27 0.19 0.00	13.66 0.20 0.00	18.41 0.29 0.00	20.01 0.27 0.00	23.75 0.27 0.00	22.47 0.05 0.00	26.48 0.07 0.00	26.92 0.01 0.00	26.59 0.03 0.00	26.55 -0.06 0.00	25.86 -0.02 0.00	29.93 0.39 0.00	31.97 0.49 0.00	30.20 0.49 0.00	30.92 0.53 0.00	29.47 0.52 0.00	22.89 0.37 0.00	24.06 0.35 0.00
BEEBEE_GT_13 23619	19.54 -0.11 0.00	15.88 -0.08 0.00	13.28 -0.04 0.00	13.47 -0.08 0.00	11.79 -0.05 0.00	12.50 -0.02 0.00	14.00 -0.09 0.00	13.34 -0.11 0.00	17.88 -0.24 0.00	19.26 -0.47 0.00	22.86 -0.62 0.00	21.85 -0.57 0.00	25.87 -0.54 0.00	26.35 -0.56 0.00	26.06 -0.50 0.00	26.11 -0.51 0.00	25.29 -0.59 0.00	28.98 -0.56 0.00	30.89 -0.59 0.00	29.19 -0.53 -0.01	29.94 -0.45 0.00	28.45 -0.50 0.00	22.26 -0.26 0.00	23.72 0.01 0.00
BENSHRST_27_KV_BENSHRST_1 355998	20.90 1.25 0.00	16.90 0.94 0.00	14.08 0.77 0.00	14.33 0.78 0.00	12.49 0.65 0.00	13.21 0.69 0.00	14.90 0.81 0.00	14.24 0.79 0.00	19.24 1.12 0.00	20.99 1.25 0.00	25.05 1.56 0.00	24.01 1.59 0.00	28.21 1.79 0.00	28.77 1.86 0.00	28.35 1.80 0.00	28.34 1.73 0.00	27.66 1.78 0.00	31.73 2.19 0.00	33.77 2.29 0.00	31.97 2.19 -0.06	32.35 1.96 0.00	30.79 1.84 0.00	23.93 1.42 0.00	25.09 1.39 0.00
BETHLEHEM___GRP 23843	19.77 0.12 0.00	16.06 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.99 0.15 0.00	12.60 0.08 0.00	14.16 0.08 0.00	13.53 0.08 0.00	18.23 0.11 0.00	19.86 0.12 0.00	23.71 0.22 0.00	22.65 0.23 0.00	26.73 0.32 0.00	27.30 0.39 0.00	26.88 0.32 0.00	26.95 0.34 0.00	26.22 0.33 0.00	30.08 0.54 0.00	32.06 0.59 0.00	30.32 0.52 -0.08	30.78 0.39 0.00	29.29 0.34 0.00	22.62 0.10 0.00	23.79 0.08 0.00
BETHLEHEM___GS1 323560	19.77 0.12 0.00	16.06 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.98 0.15 0.00	12.60 0.08 0.00	14.16 0.08 0.00	13.53 0.08 0.00	18.23 0.11 0.00	19.86 0.12 0.00	23.71 0.23 0.00	22.65 0.23 0.00	26.73 0.32 0.00	27.30 0.39 0.00	26.88 0.32 0.00	26.95 0.34 0.00	26.21 0.33 0.00	30.08 0.54 0.00	32.06 0.58 0.00	30.31 0.52 -0.08	30.78 0.39 0.00	29.29 0.34 0.00	22.62 0.10 0.00	23.79 0.08 0.00
BETHLEHEM___GS2 323561	19.77 0.12 0.00	16.06 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.98 0.15 0.00	12.60 0.08 0.00	14.16 0.08 0.00	13.53 0.08 0.00	18.23 0.11 0.00	19.86 0.12 0.00	23.71 0.23 0.00	22.65 0.23 0.00	26.73 0.32 0.00	27.30 0.39 0.00	26.88 0.32 0.00	26.95 0.34 0.00	26.21 0.33 0.00	30.08 0.54 0.00	32.06 0.58 0.00	30.31 0.52 -0.08	30.78 0.39 0.00	29.29 0.34 0.00	22.62 0.10 0.00	23.79 0.08 0.00
BETHLEHEM___GS3 323562	19.77 0.12 0.00	16.06 0.11 0.00	13.41 0.10 0.00	13.65 0.10 0.00	11.98 0.15 0.00	12.60 0.08 0.00	14.16 0.08 0.00	13.53 0.08 0.00	18.23 0.11 0.00	19.86 0.12 0.00	23.71 0.23 0.00	22.65 0.23 0.00	26.73 0.32 0.00	27.30 0.39 0.00	26.88 0.32 0.00	26.95 0.34 0.00	26.21 0.33 0.00	30.08 0.54 0.00	32.06 0.58 0.00	30.31 0.52 -0.08	30.78 0.39 0.00	29.29 0.34 0.00	22.62 0.10 0.00	23.79 0.08 0.00
BETHLEHEM___STEEL 23779	19.79 0.13 0.00	16.09 0.13 0.00	13.46 0.14 0.00	13.66 0.11 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.15 0.06 0.00	13.46 0.02 0.00	17.98 -0.14 0.00	19.25 -0.49 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.54 0.00	26.11 -0.45 0.00	26.12 -0.49 0.00	25.24 -0.64 0.00	28.89 -0.65 0.00	30.82 -0.66 0.00	29.10 -0.63 -0.01	29.98 -0.41 0.00	28.53 -0.43 0.00	22.44 -0.08 0.00	24.06 0.35 0.00
BETHLHEM_115KV_TB1 79974	19.84 0.19 0.00	16.12 0.16 0.00	13.46 0.14 0.00	13.69 0.14 0.00	12.01 0.18 0.00	12.65 0.12 0.00	14.22 0.12 0.00	13.57 0.12 0.00	18.30 0.18 0.00	19.93 0.19 0.00	23.79 0.30 0.00	22.72 0.30 0.00	26.81 0.40 0.00	27.38 0.47 0.00	26.95 0.39 0.00	27.03 0.42 0.00	26.30 0.41 0.00	30.17 0.63 0.00	32.16 0.68 0.00	30.40 0.61 -0.08	30.88 0.49 0.00	29.38 0.43 0.00	22.70 0.18 0.00	23.86 0.16 0.00
BETHPAGE_CC_5 323564	20.92 1.28 0.00	16.92 0.97 0.00	14.12 0.81 0.00	14.36 0.81 0.00	12.53 0.69 0.00	13.24 0.72 0.00	14.96 0.87 0.00	14.31 0.86 0.00	19.41 1.29 0.00	21.11 1.37 0.00	25.27 1.79 0.00	25.57 1.81 -1.34	28.50 2.09 0.00	29.10 2.18 0.00	28.69 2.13 0.00	28.60 1.99 0.00	27.94 2.06 0.00	32.08 2.54 0.00	34.05 2.58 0.00	32.29 2.52 -0.06	32.58 2.19 0.00	30.99 2.04 0.00	24.14 1.63 0.00	25.13 1.42 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.89 0.24 0.00	16.16 0.21 0.00	13.52 0.20 0.00	13.73 0.18 0.00	12.04 0.20 0.00	12.74 0.21 0.00	14.22 0.13 0.00	13.53 0.08 0.00	18.07 -0.05 0.00	19.36 -0.38 0.00	22.98 -0.50 0.00	21.95 -0.46 0.00	26.07 -0.34 0.00	26.52 -0.39 0.00	26.25 -0.30 0.00	26.27 -0.34 0.00	25.39 -0.50 0.00	29.06 -0.48 0.00	31.00 -0.48 0.00	29.27 -0.46 -0.01	30.16 -0.23 0.00	28.70 -0.25 0.00	22.56 0.04 0.00	24.18 0.48 0.00
BINGHAMTON___COGEN 23790	19.81 0.16 0.00	16.05 0.10 0.00	13.38 0.07 0.00	13.64 0.10 0.00	11.93 0.09 0.00	12.60 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.25 0.13 0.00	19.81 0.07 0.00	23.57 0.08 0.00	22.50 0.08 0.00	26.59 0.18 0.00	27.05 0.14 0.00	26.72 0.16 0.00	26.76 0.15 0.00	26.09 0.21 0.00	29.85 0.31 0.00	31.85 0.37 0.00	30.07 0.33 -0.02	30.72 0.33 0.00	29.19 0.23 0.00	22.72 0.20 0.00	23.98 0.27 0.00
BIXINCNT_115KV_LOAD 355685	20.04 0.39 0.00	16.23 0.27 0.00	13.55 0.23 0.00	13.78 0.23 0.00	12.11 0.27 0.00	12.78 0.25 0.00	14.25 0.17 0.00	13.56 0.11 0.00	18.14 0.02 0.00	19.47 -0.27 0.00	23.23 -0.25 0.00	22.20 -0.22 0.00	26.33 -0.08 0.00	26.78 -0.13 0.00	26.52 -0.04 0.00	26.56 -0.06 0.00	25.66 -0.22 0.00	29.39 -0.15 0.00	31.41 -0.06 0.00	29.65 -0.07 -0.01	30.57 0.18 0.00	29.19 0.24 0.00	22.89 0.37 0.00	24.49 0.79 0.00

BLACK RIVER___HYD 24047	19.98 0.33 0.00	16.26 0.31 0.00	13.66 0.35 0.00	13.92 0.37 0.00	12.14 0.30 0.00	12.86 0.34 0.00	14.56 0.47 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.21 0.47 0.00	24.09 0.61 0.00	22.81 0.40 0.00	26.88 0.47 0.00	27.28 0.37 0.00	26.90 0.35 0.00	26.95 0.34 0.00	26.18 0.30 0.00	30.63 1.09 0.00	32.83 1.35 0.00	31.05 1.33 0.00	31.76 1.37 0.00	30.16 1.21 0.00	23.36 0.85 0.00	24.58 0.88 0.00
BLACKRVR_115KV_TB2 79977	19.98 0.33 0.00	16.26 0.31 0.00	13.66 0.35 0.00	13.92 0.37 0.00	12.14 0.30 0.00	12.86 0.34 0.00	14.56 0.47 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.21 0.47 0.00	24.09 0.61 0.00	22.81 0.39 0.00	26.88 0.47 0.00	27.28 0.37 0.00	26.90 0.35 0.00	26.95 0.34 0.00	26.18 0.30 0.00	30.63 1.09 0.00	32.83 1.35 0.00	31.05 1.33 0.00	31.76 1.37 0.00	30.16 1.21 0.00	23.36 0.85 0.00	24.58 0.88 0.00
BLISS_WT_PWR 323608	19.99 0.34 0.00	16.18 0.22 0.00	13.50 0.18 0.00	13.74 0.19 0.00	12.07 0.23 0.00	12.74 0.22 0.00	14.20 0.11 0.00	13.50 0.05 0.00	18.06 -0.06 0.00	19.40 -0.33 0.00	23.19 -0.30 0.00	22.17 -0.24 0.00	26.29 -0.12 0.00	26.74 -0.16 0.00	26.49 -0.07 0.00	26.53 -0.08 0.00	25.63 -0.25 0.00	29.34 -0.20 0.00	31.38 -0.10 0.00	29.63 -0.10 -0.01	30.55 0.16 0.00	29.19 0.24 0.00	22.87 0.36 0.00	24.47 0.77 0.00
BLUESTONE___WT_PWR 323821	20.08 0.43 0.00	16.32 0.37 0.00	13.58 0.27 0.00	13.84 0.29 0.00	12.09 0.25 0.00	12.74 0.22 0.00	14.42 0.33 0.00	13.87 0.42 0.00	18.67 0.54 0.00	20.36 0.62 0.00	24.29 0.81 0.00	23.28 0.87 0.00	27.45 1.03 0.00	28.04 1.13 0.00	27.62 1.06 0.00	27.72 1.11 0.00	27.07 1.19 0.00	31.05 1.51 0.00	33.27 1.79 0.00	31.18 1.45 -0.02	31.76 1.37 0.00	30.19 1.24 0.00	23.37 0.85 0.00	24.57 0.86 0.00
BLUE_CIRC_CHEM_DRP 24182	20.09 0.44 0.00	16.32 0.36 0.00	13.63 0.31 0.00	13.87 0.32 0.00	12.15 0.31 0.00	12.81 0.28 0.00	14.39 0.30 0.00	13.74 0.29 0.00	18.53 0.41 0.00	20.17 0.44 0.00	24.08 0.59 0.00	22.99 0.58 0.00	27.16 0.74 0.00	27.73 0.82 0.00	27.30 0.75 0.00	27.38 0.76 0.00	26.64 0.76 0.00	30.55 1.02 0.00	32.57 1.09 0.00	30.79 1.00 -0.08	31.29 0.90 0.00	29.78 0.83 0.00	23.00 0.48 0.00	24.19 0.48 0.00
BOC_GAS_DRP 24189	20.02 0.37 0.00	16.25 0.30 0.00	13.57 0.25 0.00	13.81 0.26 0.00	12.08 0.24 0.00	12.75 0.22 0.00	14.34 0.25 0.00	13.69 0.24 0.00	18.46 0.33 0.00	20.10 0.36 0.00	23.98 0.49 0.00	22.90 0.49 0.00	27.02 0.61 0.00	27.59 0.68 0.00	27.16 0.61 0.00	27.23 0.61 0.00	26.49 0.61 0.00	30.39 0.85 0.00	32.37 0.89 0.00	30.61 0.82 -0.08	31.10 0.71 0.00	29.61 0.66 0.00	22.90 0.39 0.00	24.07 0.37 0.00
BOONVILLE_115KV_TB1 79983	19.87 0.21 0.00	16.12 0.17 0.00	13.49 0.17 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.69 0.17 0.00	14.32 0.23 0.00	13.69 0.24 0.00	18.47 0.35 0.00	20.10 0.37 0.00	23.89 0.41 0.00	22.72 0.30 0.00	26.79 0.38 0.00	27.28 0.37 0.00	26.95 0.40 0.00	26.95 0.34 0.00	26.27 0.39 0.00	30.23 0.69 0.00	32.25 0.77 0.00	30.44 0.73 0.00	31.11 0.72 0.00	29.59 0.64 0.00	22.97 0.45 0.00	24.16 0.46 0.00
BORALEX_4TH_BRANCH 23824	20.35 0.70 0.00	16.57 0.62 0.00	13.85 0.54 0.00	14.11 0.56 0.00	12.29 0.45 0.00	13.00 0.47 0.00	14.58 0.49 0.00	13.88 0.43 0.00	18.72 0.60 0.00	20.41 0.67 0.00	24.41 0.92 0.00	23.29 0.87 0.00	27.55 1.13 0.00	28.19 1.28 0.00	27.72 1.16 0.00	27.83 1.22 0.00	26.99 1.11 0.00	30.97 1.44 0.00	33.10 1.62 0.00	31.24 1.45 -0.08	31.79 1.40 0.00	30.32 1.37 0.00	23.24 0.72 0.00	24.47 0.76 0.00
BOWLINE___1 23526	20.55 0.89 0.00	16.65 0.69 0.00	13.86 0.55 0.00	14.11 0.56 0.00	12.31 0.47 0.00	13.02 0.49 0.00	14.66 0.58 0.00	14.02 0.57 0.00	18.93 0.81 0.00	20.63 0.89 0.00	24.63 1.14 0.00	23.56 1.14 0.00	27.77 1.36 0.00	28.32 1.41 0.00	27.91 1.36 0.00	27.93 1.32 0.00	27.23 1.34 0.00	31.26 1.72 0.00	33.28 1.80 0.00	31.49 1.72 -0.06	31.90 1.50 0.00	30.33 1.38 0.00	23.51 0.99 0.00	24.67 0.96 0.00
BOWLINE___2 23595	20.55 0.89 0.00	16.65 0.69 0.00	13.86 0.55 0.00	14.11 0.56 0.00	12.31 0.47 0.00	13.02 0.49 0.00	14.66 0.58 0.00	14.02 0.57 0.00	18.93 0.81 0.00	20.63 0.89 0.00	24.63 1.14 0.00	23.56 1.14 0.00	27.77 1.36 0.00	28.32 1.41 0.00	27.91 1.36 0.00	27.93 1.32 0.00	27.23 1.34 0.00	31.26 1.72 0.00	33.28 1.80 0.00	31.49 1.72 -0.06	31.90 1.50 0.00	30.33 1.38 0.00	23.51 0.99 0.00	24.67 0.96 0.00
BRADY___115KV_TB2 356060	19.86 0.20 0.00	16.13 0.18 0.00	13.49 0.17 0.00	13.71 0.16 0.00	11.98 0.14 0.00	12.70 0.18 0.00	14.30 0.22 0.00	13.65 0.20 0.00	18.38 0.26 0.00	20.10 0.36 0.00	23.73 0.24 0.00	22.50 0.09 0.00	26.42 0.01 0.00	26.85 -0.06 0.00	26.53 -0.03 0.00	26.60 -0.01 0.00	25.85 -0.03 0.00	29.41 -0.13 0.00	31.45 -0.03 0.00	29.78 0.07 0.00	30.58 0.20 0.00	29.30 0.35 0.00	22.86 0.35 0.00	23.94 0.24 0.00
BRANSCOMB___SOLAR 323811	20.61 0.96 0.00	16.74 0.79 0.00	13.98 0.67 0.00	14.24 0.69 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.80 0.71 0.00	14.13 0.68 0.00	19.06 0.94 0.00	20.78 1.05 0.00	24.82 1.33 0.00	23.68 1.27 0.00	27.88 1.47 0.00	28.49 1.58 0.00	28.03 1.47 0.00	28.10 1.48 0.00	27.41 1.52 0.00	31.49 1.95 0.00	33.68 2.21 0.00	31.83 2.04 -0.08	32.30 1.91 0.00	30.68 1.73 0.00	23.61 1.09 0.00	24.78 1.08 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	21.12 1.46 0.00	17.07 1.12 0.00	14.25 0.94 0.00	14.50 0.94 0.00	12.65 0.81 0.00	13.36 0.84 0.00	15.11 1.02 0.00	14.45 1.00 0.00	19.60 1.48 0.00	21.34 1.60 0.00	25.58 2.09 0.00	25.88 2.13 -1.34	28.85 2.44 0.00	29.47 2.57 0.00	29.09 2.54 0.00	29.03 2.41 0.00	28.37 2.49 0.00	32.59 3.05 0.00	34.57 3.09 0.00	32.78 3.00 -0.06	33.02 2.63 0.00	31.41 2.46 0.00	24.46 1.94 0.00	25.40 1.69 0.00
BRISTLHL_115KV_TB1 79998	19.87 0.22 0.00	16.11 0.16 0.00	13.46 0.15 0.00	13.69 0.14 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.25 0.16 0.00	13.63 0.18 0.00	18.36 0.23 0.00	19.93 0.19 0.00	23.69 0.21 0.00	22.62 0.20 0.00	26.70 0.28 0.00	27.18 0.27 0.00	26.84 0.29 0.00	26.88 0.27 0.00	26.18 0.30 0.00	30.05 0.51 0.00	32.07 0.60 0.00	30.29 0.58 -0.01	30.95 0.56 0.00	29.38 0.43 0.00	22.83 0.31 0.00	24.10 0.40 0.00
BROOKHAVEN___DRP 24191	21.12 1.47 0.00	17.08 1.13 0.00	14.28 0.96 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.86 0.00	15.13 1.04 0.00	14.49 1.03 0.00	19.63 1.51 0.00	21.38 1.64 0.00	25.63 2.15 0.00	25.94 2.19 -1.34	28.92 2.51 0.00	29.53 2.62 0.00	29.16 2.60 0.00	29.08 2.47 0.00	28.44 2.55 0.00	32.67 3.13 0.00	34.67 3.20 0.00	32.88 3.10 -0.06	33.09 2.70 0.00	31.45 2.50 0.00	24.50 1.98 0.00	25.42 1.71 0.00



BROOKLYN_NAVY_YARD 23515	20.66 1.01 0.00	16.72 0.77 0.00	13.94 0.62 0.00	14.18 0.63 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.67 0.00	14.10 0.65 0.00	19.04 0.92 0.00	20.77 1.03 0.00	24.78 1.30 0.01	23.71 1.30 0.00	27.92 1.51 0.00	28.45 1.54 0.00	28.02 1.47 0.00	28.02 1.41 0.00	27.34 1.46 0.00	31.37 1.84 0.00	33.39 1.91 0.00	31.60 1.83 -0.06	31.98 1.60 0.00	30.43 1.48 0.00	23.66 1.14 0.00	24.81 1.11 0.00
BROOKLYN___ARMY_DRP 323595	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
BROOKVLE_69_KV_TB1 55790	20.90 1.25 0.00	16.91 0.95 0.00	14.10 0.78 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.93 0.84 0.00	14.28 0.83 0.00	19.34 1.22 0.00	21.05 1.32 0.00	25.22 1.73 0.00	25.49 1.73 -1.34	28.42 2.01 0.00	29.00 2.09 0.00	28.57 2.02 0.00	28.55 1.93 0.00	27.87 1.99 0.00	32.00 2.46 0.00	33.95 2.47 0.00	32.17 2.39 -0.06	32.55 2.16 0.00	30.96 2.02 0.00	24.03 1.51 0.00	25.11 1.40 0.00
BROOME_2_LFGE 323671	19.81 0.16 0.00	16.05 0.10 0.00	13.38 0.07 0.00	13.64 0.10 0.00	11.93 0.09 0.00	12.60 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.25 0.13 0.00	19.81 0.07 0.00	23.57 0.08 0.00	22.50 0.08 0.00	26.59 0.18 0.00	27.06 0.14 0.00	26.72 0.16 0.00	26.76 0.15 0.00	26.09 0.21 0.00	29.85 0.31 0.00	31.85 0.37 0.00	30.07 0.33 -0.02	30.72 0.33 0.00	29.19 0.23 0.00	22.72 0.20 0.00	23.98 0.27 0.00
BROOME___LFGE 323600	19.81 0.16 0.00	16.05 0.10 0.00	13.38 0.07 0.00	13.64 0.10 0.00	11.93 0.09 0.00	12.60 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.25 0.13 0.00	19.81 0.07 0.00	23.57 0.08 0.00	22.50 0.08 0.00	26.59 0.18 0.00	27.06 0.14 0.00	26.72 0.16 0.00	26.76 0.15 0.00	26.09 0.21 0.00	29.85 0.31 0.00	31.85 0.37 0.00	30.07 0.33 -0.02	30.72 0.33 0.00	29.19 0.23 0.00	22.72 0.20 0.00	23.98 0.27 0.00
BROWNFLS_115KV_TB_3_5 80003	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.19 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
BROWNSV1_27_KV_LOAD 356125	20.89 1.24 0.00	16.90 0.95 0.00	14.08 0.77 0.00	14.33 0.78 0.00	12.49 0.65 0.00	13.22 0.69 0.00	14.91 0.82 0.00	14.24 0.79 0.00	19.24 1.12 0.00	20.98 1.24 0.00	25.05 1.57 0.00	23.98 1.56 0.00	28.22 1.81 0.00	28.75 1.84 0.00	28.33 1.78 0.00	28.32 1.71 0.00	27.65 1.77 0.00	31.73 2.19 0.00	33.76 2.29 0.00	31.95 2.18 -0.06	32.34 1.95 0.00	30.77 1.82 0.00	23.89 1.37 0.00	25.06 1.35 0.00
BURROWS___LYONSDAL 23803	19.82 0.17 0.00	16.09 0.14 0.00	13.48 0.16 0.00	13.71 0.16 0.00	11.97 0.13 0.00	12.68 0.16 0.00	14.31 0.22 0.00	13.69 0.24 0.00	18.46 0.34 0.00	20.09 0.35 0.00	23.87 0.38 0.00	22.66 0.25 0.00	26.73 0.32 0.00	27.22 0.31 0.00	26.88 0.33 0.00	26.86 0.25 0.00	26.18 0.30 0.00	30.18 0.64 0.00	32.20 0.72 0.00	30.40 0.69 0.00	31.08 0.69 0.00	29.57 0.62 0.00	22.96 0.44 0.00	24.15 0.44 0.00
CAITHNESS_CC_1 323624	21.06 1.41 0.00	17.04 1.09 0.00	14.24 0.92 0.00	14.48 0.93 0.00	12.63 0.80 0.00	13.35 0.83 0.00	15.09 1.00 0.00	14.44 0.99 0.00	19.57 1.45 0.00	21.32 1.58 0.00	25.55 2.06 0.00	25.86 2.10 -1.34	28.82 2.41 0.00	29.44 2.53 0.00	29.06 2.50 0.00	28.99 2.37 0.00	28.34 2.46 0.00	32.56 3.02 0.00	34.55 3.07 0.00	32.76 2.99 -0.06	32.98 2.59 0.00	31.36 2.41 0.00	24.42 1.91 0.00	25.34 1.64 0.00
CALPINE BETH_PAGE_GT4 24209	20.90 1.25 0.00	16.90 0.94 0.00	14.10 0.79 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.94 0.85 0.00	14.29 0.84 0.00	19.38 1.26 0.00	21.06 1.33 0.00	25.21 1.73 0.00	25.50 1.75 -1.34	28.43 2.02 0.00	29.02 2.11 0.00	28.60 2.05 0.00	28.48 1.87 0.00	27.82 1.94 0.00	31.95 2.41 0.00	33.91 2.43 0.00	32.15 2.38 -0.06	32.43 2.04 0.00	30.87 1.92 0.00	24.08 1.56 0.00	25.07 1.36 0.00
CALPINE_BETH_PAGE_GT_4 323586	20.90 1.25 0.00	16.90 0.94 0.00	14.10 0.79 0.00	14.34 0.79 0.00	12.51 0.68 0.00	13.23 0.70 0.00	14.94 0.85 0.00	14.29 0.84 0.00	19.38 1.26 0.00	21.06 1.33 0.00	25.21 1.73 0.00	25.51 1.75 -1.34	28.43 2.02 0.00	29.02 2.11 0.00	28.61 2.05 0.00	28.49 1.87 0.00	27.82 1.94 0.00	31.95 2.40 0.00	33.91 2.43 0.00	32.15 2.38 -0.06	32.43 2.04 0.00	30.87 1.92 0.00	24.08 1.56 0.00	25.07 1.36 0.00
CALPINE_BP_GT1 23823	20.90 1.25 0.00	16.90 0.94 0.00	14.10 0.79 0.00	14.34 0.79 0.00	12.51 0.68 0.00	13.23 0.70 0.00	14.94 0.85 0.00	14.29 0.84 0.00	19.38 1.26 0.00	21.06 1.33 0.00	25.21 1.73 0.00	25.51 1.75 -1.34	28.43 2.02 0.00	29.02 2.11 0.00	28.61 2.05 0.00	28.49 1.87 0.00	27.82 1.94 0.00	31.95 2.40 0.00	33.91 2.43 0.00	32.15 2.38 -0.06	32.43 2.04 0.00	30.87 1.92 0.00	24.08 1.56 0.00	25.07 1.36 0.00
CALSPAN___DRP 24200	19.79 0.13 0.00	16.09 0.13 0.00	13.46 0.14 0.00	13.66 0.11 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.15 0.06 0.00	13.46 0.02 0.00	17.98 -0.14 0.00	19.25 -0.49 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.54 0.00	26.11 -0.45 0.00	26.12 -0.49 0.00	25.24 -0.64 0.00	28.89 -0.65 0.00	30.82 -0.66 0.00	29.10 -0.63 -0.01	29.98 -0.41 0.00	28.53 -0.43 0.00	22.44 -0.08 0.00	24.06 0.35 0.00
CALVERTON___SOLAR 323806	21.19 1.54 0.00	17.14 1.19 0.00	14.32 1.01 0.00	14.56 1.02 0.00	12.71 0.87 0.00	13.43 0.90 0.00	15.18 1.09 0.00	14.53 1.08 0.00	19.70 1.58 0.00	21.46 1.73 0.00	25.73 2.25 0.00	26.05 2.29 -1.34	29.04 2.63 0.00	29.66 2.75 0.00	29.27 2.71 0.00	29.21 2.60 0.00	28.55 2.67 0.00	32.81 3.27 0.00	34.83 3.35 0.00	33.02 3.24 -0.06	33.23 2.84 0.00	31.57 2.62 0.00	24.59 2.07 0.00	25.50 1.80 0.00
CANDIGU_WT_PWR 323617	19.53 -0.12 0.00	15.88 -0.07 0.00	13.18 -0.14 0.00	13.41 -0.14 0.00	11.74 -0.10 0.00	12.27 -0.25 0.00	13.73 -0.36 0.00	13.19 -0.26 0.00	17.74 -0.38 0.00	19.26 -0.48 0.00	22.98 -0.50 0.00	21.92 -0.50 0.00	25.98 -0.43 0.00	26.45 -0.46 0.00	26.23 -0.33 0.00	26.28 -0.34 0.00	25.55 -0.33 0.00	29.16 -0.38 0.00	31.15 -0.33 0.00	29.40 -0.33 -0.01	30.32 -0.07 0.00	28.79 -0.16 0.00	22.54 0.03 0.00	23.92 0.22 0.00

CARR STREET_E_SYR 24060	19.53 -0.12 0.00	15.84 -0.11 0.00	13.22 -0.10 0.00	13.45 -0.10 0.00	11.76 -0.08 0.00	12.44 -0.09 0.00	13.99 -0.10 0.00	13.37 -0.08 0.00	18.00 -0.12 0.00	19.54 -0.20 0.00	23.21 -0.27 0.00	22.18 -0.24 0.00	26.17 -0.24 0.00	26.67 -0.24 0.00	26.34 -0.22 0.00	26.39 -0.22 0.00	25.68 -0.20 0.00	29.38 -0.15 0.00	31.33 -0.14 0.00	29.59 -0.13 -0.01	30.24 -0.15 0.00	28.74 -0.21 0.00	22.35 -0.17 0.00	23.62 -0.08 0.00
CARTHAGE___PAPER 23857	19.89 0.24 0.00	16.18 0.23 0.00	13.59 0.28 0.00	13.84 0.29 0.00	12.07 0.23 0.00	12.79 0.27 0.00	14.47 0.39 0.00	13.84 0.39 0.00	18.66 0.54 0.00	20.21 0.47 0.00	24.02 0.54 0.00	22.72 0.30 0.00	26.76 0.34 0.00	27.16 0.26 0.00	26.83 0.27 0.00	26.85 0.23 0.00	26.13 0.24 0.00	30.37 0.83 0.00	32.51 1.04 0.00	30.73 1.02 0.00	31.45 1.06 0.00	29.93 0.98 0.00	23.22 0.70 0.00	24.39 0.68 0.00
CASSADAGA_WT_PWR 323784	19.96 0.32 0.00	16.15 0.20 0.00	13.39 0.08 0.00	13.67 0.12 0.00	11.92 0.08 0.00	12.61 0.08 0.00	14.14 0.05 0.00	13.53 0.08 0.00	18.08 -0.04 0.00	19.56 -0.18 0.00	23.29 -0.20 0.00	22.31 -0.11 0.00	26.51 0.10 0.00	26.92 0.01 0.00	26.71 0.16 0.00	26.60 -0.01 0.00	25.69 -0.19 0.00	29.50 -0.04 0.00	31.40 -0.08 0.00	29.74 0.01 -0.01	30.60 0.21 0.00	29.20 0.25 0.00	23.10 0.58 0.00	24.70 0.99 0.00
CE_DUNWOOD___DRP 24194	20.63 0.98 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.35 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.08 0.63 0.00	19.01 0.89 0.00	20.72 0.98 0.00	24.74 1.26 0.00	23.67 1.25 0.00	27.89 1.48 0.00	28.44 1.53 0.00	28.01 1.46 0.00	28.02 1.41 0.00	27.33 1.45 0.00	31.38 1.84 0.00	33.40 1.92 0.00	31.60 1.83 -0.06	32.01 1.61 0.00	30.44 1.49 0.00	23.60 1.09 0.00	24.76 1.05 0.00
CE_MILLWOOD___DRP 24193	20.59 0.94 0.00	16.68 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.71 0.62 0.00	14.05 0.60 0.00	18.98 0.86 0.00	20.68 0.94 0.00	24.69 1.21 0.00	23.63 1.21 0.00	27.84 1.43 0.00	28.39 1.48 0.00	27.97 1.42 0.00	27.99 1.37 0.00	27.28 1.40 0.00	31.33 1.79 0.00	33.34 1.87 0.00	31.55 1.78 -0.06	31.95 1.56 0.00	30.39 1.44 0.00	23.56 1.04 0.00	24.72 1.01 0.00
CE_NYC2_DRP 24202	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.01 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.55 1.64 0.00	28.14 1.58 0.00	28.13 1.52 0.00	27.45 1.57 0.00	31.49 1.95 0.00	33.49 2.01 0.00	31.70 1.92 -0.06	32.09 1.70 0.00	30.55 1.60 0.00	23.73 1.22 0.00	24.91 1.20 0.00
CE_NYC_DRP 24195	20.73 1.08 0.00	16.78 0.83 0.00	13.98 0.67 0.00	14.23 0.68 0.00	12.41 0.57 0.00	13.13 0.61 0.00	14.81 0.72 0.00	14.15 0.69 0.00	19.11 0.99 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.78 1.36 0.00	27.99 1.58 0.00	28.51 1.61 0.00	28.10 1.55 0.00	28.09 1.48 0.00	27.42 1.54 0.00	31.46 1.92 0.00	33.48 2.00 0.00	31.68 1.91 -0.06	32.07 1.68 0.00	30.52 1.56 0.00	23.70 1.18 0.00	24.86 1.16 0.00
CHAFFEE___LFGE 323603	19.82 0.17 0.00	16.10 0.15 0.00	13.47 0.16 0.00	13.68 0.13 0.00	11.99 0.15 0.00	12.70 0.18 0.00	14.18 0.09 0.00	13.49 0.04 0.00	18.03 -0.09 0.00	19.31 -0.43 0.00	22.94 -0.55 0.00	21.91 -0.50 0.00	26.02 -0.40 0.00	26.48 -0.43 0.00	26.21 -0.34 0.00	26.23 -0.39 0.00	25.36 -0.52 0.00	29.04 -0.50 0.00	30.98 -0.49 0.00	29.25 -0.47 -0.01	30.13 -0.26 0.00	28.66 -0.29 0.00	22.51 -0.01 0.00	24.11 0.40 0.00
CHATEAUG_35_KV_LOAD 355732	19.87 0.22 0.00	16.13 0.17 0.00	13.48 0.16 0.00	13.73 0.19 0.00	12.05 0.21 0.00	12.81 0.29 0.00	14.46 0.37 0.00	13.76 0.31 0.00	18.56 0.44 0.00	20.40 0.66 0.00	24.25 0.77 0.00	23.05 0.63 0.00	27.00 0.59 0.00	27.28 0.37 0.00	27.03 0.47 0.00	27.15 0.54 0.00	26.33 0.45 0.00	30.20 0.66 0.00	32.37 0.90 0.00	30.56 0.85 0.00	31.23 0.83 0.00	29.65 0.70 0.00	22.75 0.23 0.00	23.60 -0.10 0.00
CHATEAUG_WT_PWR 323614	19.84 0.19 0.00	16.10 0.15 0.00	13.45 0.14 0.00	13.71 0.16 0.00	12.04 0.20 0.00	12.80 0.27 0.00	14.44 0.35 0.00	13.75 0.30 0.00	18.54 0.42 0.00	20.39 0.65 0.00	24.26 0.78 0.00	23.05 0.64 0.00	27.01 0.60 0.00	27.27 0.36 0.00	27.03 0.48 0.00	27.17 0.55 0.00	26.33 0.45 0.00	30.21 0.68 0.00	32.38 0.90 0.00	30.55 0.84 0.00	31.20 0.81 0.00	29.62 0.67 0.00	22.71 0.19 0.00	23.56 -0.15 0.00
CHAT_HIGH_FALL_HYD 323578	19.87 0.22 0.00	16.13 0.17 0.00	13.48 0.16 0.00	13.73 0.19 0.00	12.05 0.21 0.00	12.81 0.29 0.00	14.46 0.37 0.00	13.76 0.31 0.00	18.56 0.44 0.00	20.40 0.66 0.00	24.25 0.77 0.00	23.05 0.63 0.00	27.00 0.59 0.00	27.28 0.37 0.00	27.03 0.47 0.00	27.15 0.54 0.00	26.33 0.45 0.00	30.20 0.66 0.00	32.37 0.90 0.00	30.56 0.84 0.00	31.23 0.83 0.00	29.65 0.70 0.00	22.75 0.23 0.00	23.61 -0.10 0.00
CHAUTAUQUA___LFGE 323629	19.86 0.20 0.00	16.11 0.15 0.00	13.43 0.11 0.00	13.68 0.13 0.00	11.96 0.12 0.00	12.66 0.14 0.00	14.16 0.07 0.00	13.50 0.06 0.00	18.03 -0.09 0.00	19.40 -0.34 0.00	23.07 -0.41 0.00	22.08 -0.34 0.00	26.22 -0.19 0.00	26.63 -0.28 0.00	26.39 -0.17 0.00	26.34 -0.27 0.00	25.48 -0.40 0.00	29.19 -0.35 0.00	31.14 -0.34 0.00	29.42 -0.30 -0.01	30.29 -0.10 0.00	28.83 -0.12 0.00	22.72 0.20 0.00	24.31 0.61 0.00
CHERRYST_13_KV_LD 356241	20.78 1.13 0.00	16.81 0.86 0.00	14.01 0.70 0.00	14.26 0.71 0.00	12.44 0.60 0.00	13.16 0.64 0.00	14.84 0.75 0.00	14.18 0.73 0.00	19.15 1.03 0.00	20.87 1.14 0.00	24.92 1.43 0.00	23.84 1.42 0.00	28.07 1.66 0.00	28.59 1.68 0.00	28.17 1.62 0.00	28.17 1.55 0.00	27.49 1.61 0.00	31.55 2.01 0.00	33.57 2.09 0.00	31.77 1.99 -0.06	32.15 1.76 0.00	30.58 1.63 0.00	23.76 1.24 0.00	24.92 1.22 0.00
CHESTROR_138KV_BK263 355645	20.41 0.76 0.00	16.54 0.59 0.00	13.78 0.47 0.00	14.02 0.48 0.00	12.24 0.41 0.00	12.94 0.42 0.00	14.58 0.50 0.00	13.94 0.49 0.00	18.81 0.69 0.00	20.51 0.77 0.00	24.47 0.98 0.00	23.40 0.98 0.00	27.58 1.17 0.00	28.14 1.23 0.00	27.73 1.17 0.00	27.76 1.14 0.00	27.05 1.17 0.00	31.04 1.50 0.00	33.06 1.58 0.00	31.27 1.50 -0.06	31.71 1.32 0.00	30.15 1.20 0.00	23.37 0.85 0.00	24.53 0.82 0.00
CH_MIDHUDSON___DRP 24192	20.55 0.90 0.00	16.65 0.70 0.00	13.88 0.57 0.00	14.14 0.59 0.00	12.33 0.50 0.00	13.05 0.53 0.00	14.70 0.61 0.00	14.04 0.59 0.00	18.96 0.84 0.00	20.66 0.93 0.00	24.66 1.18 0.00	23.59 1.17 0.00	27.81 1.41 0.00	28.38 1.47 0.00	27.94 1.39 0.00	27.97 1.36 0.00	27.27 1.39 0.00	31.31 1.77 0.00	33.35 1.88 0.00	31.54 1.77 -0.06	31.96 1.57 0.00	30.39 1.44 0.00	23.52 1.00 0.00	24.67 0.96 0.00

CH_MISC_IPPS 23765	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.55 1.60 0.00	23.66 1.14 0.00	24.81 1.11 0.00
CH_RES_BVR_FALLS 23983	19.55 -0.10 0.00	15.88 -0.07 0.00	13.26 -0.05 0.00	13.49 -0.06 0.00	11.79 -0.05 0.00	12.48 -0.05 0.00	14.04 -0.05 0.00	13.39 -0.06 0.00	18.03 -0.09 0.00	19.69 -0.04 0.00	23.41 -0.07 0.00	22.31 -0.10 0.00	26.24 -0.17 0.00	26.70 -0.20 0.00	26.37 -0.18 0.00	26.44 -0.17 0.00	25.69 -0.18 0.00	29.25 -0.29 0.00	31.16 -0.32 0.00	29.42 -0.29 0.00	30.16 -0.23 0.00	28.79 -0.16 0.00	22.44 -0.08 0.00	23.57 -0.14 0.00
CH_RES_NIAGARA 23895	19.27 -0.39 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.69 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.47 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.26 0.00	25.10 -1.31 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.33 0.00	24.31 -1.58 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.91 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.58 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
CH_RES_SYRACUSE 23985	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.41 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.74 0.20 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.17 0.00
CLINTON_WT_PWR 323605	19.84 0.19 0.00	16.10 0.15 0.00	13.45 0.14 0.00	13.71 0.16 0.00	12.04 0.20 0.00	12.80 0.27 0.00	14.44 0.35 0.00	13.75 0.30 0.00	18.54 0.42 0.00	20.39 0.65 0.00	24.26 0.78 0.00	23.05 0.64 0.00	27.01 0.60 0.00	27.27 0.36 0.00	27.03 0.48 0.00	27.17 0.55 0.00	26.33 0.45 0.00	30.21 0.68 0.00	32.38 0.90 0.00	30.55 0.84 0.00	31.20 0.81 0.00	29.62 0.67 0.00	22.71 0.19 0.00	23.56 -0.15 0.00
CLINTON__LFGE 323618	20.05 0.40 0.00	16.27 0.32 0.00	13.60 0.29 0.00	13.86 0.31 0.00	12.16 0.32 0.00	12.93 0.40 0.00	14.61 0.52 0.00	13.92 0.47 0.00	18.78 0.66 0.00	20.65 0.92 0.00	24.61 1.12 0.00	23.34 0.93 0.00	27.32 0.91 0.00	27.55 0.64 0.00	27.35 0.79 0.00	27.51 0.89 0.00	26.64 0.76 0.00	30.67 1.13 0.00	32.95 1.47 0.00	31.09 1.38 0.00	31.70 1.31 0.00	30.07 1.12 0.00	23.04 0.52 0.00	23.88 0.17 0.00
COBBLENY_34_KV_TB1 80064	19.82 0.17 0.00	16.10 0.15 0.00	13.47 0.16 0.00	13.68 0.13 0.00	11.99 0.15 0.00	12.70 0.18 0.00	14.18 0.09 0.00	13.49 0.04 0.00	18.03 -0.09 0.00	19.31 -0.43 0.00	22.94 -0.55 0.00	21.91 -0.50 0.00	26.01 -0.40 0.00	26.48 -0.43 0.00	26.21 -0.35 0.00	26.23 -0.38 0.00	25.36 -0.52 0.00	29.04 -0.50 0.00	30.98 -0.49 0.00	29.25 -0.48 -0.01	30.13 -0.26 0.00	28.66 -0.29 0.00	22.51 -0.01 0.00	24.11 0.40 0.00
COFFEEN__115KV_TB3 355620	20.11 0.46 0.00	16.36 0.41 0.00	13.74 0.43 0.00	14.00 0.46 0.00	12.21 0.37 0.00	12.94 0.42 0.00	14.65 0.56 0.00	14.00 0.55 0.00	18.89 0.77 0.00	20.31 0.58 0.00	24.21 0.73 0.00	22.91 0.50 0.00	27.00 0.59 0.00	27.39 0.48 0.00	27.00 0.45 0.00	27.11 0.49 0.00	26.32 0.44 0.00	30.80 1.27 0.00	33.07 1.59 0.00	31.30 1.59 0.00	32.02 1.63 0.00	30.38 1.43 0.00	23.53 1.01 0.00	24.73 1.03 0.00
COLDSPRG_115KV_BK1 355956	20.45 0.80 0.00	16.56 0.61 0.00	13.79 0.47 0.00	14.04 0.49 0.00	12.27 0.43 0.00	12.99 0.47 0.00	14.56 0.47 0.00	13.93 0.47 0.00	18.62 0.49 0.00	20.04 0.31 0.00	23.79 0.31 0.00	22.71 0.29 0.00	26.97 0.56 0.00	27.39 0.48 0.00	27.14 0.59 0.00	27.10 0.49 0.00	26.22 0.34 0.00	30.13 0.59 0.00	32.13 0.65 0.00	30.37 0.65 -0.01	31.23 0.83 0.00	29.74 0.79 0.00	23.42 0.91 0.00	25.03 1.32 0.00
COLONIE_LFGE__ 323577	20.26 0.61 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.00 0.45 0.00	12.22 0.38 0.00	12.92 0.39 0.00	14.52 0.43 0.00	13.85 0.40 0.00	18.69 0.57 0.00	20.36 0.62 0.00	24.31 0.83 0.00	23.21 0.80 0.00	27.39 0.98 0.00	27.99 1.08 0.00	27.54 0.98 0.00	27.63 1.02 0.00	26.87 0.99 0.00	30.85 1.32 0.00	32.94 1.46 0.00	31.12 1.33 -0.08	31.61 1.22 0.00	30.08 1.13 0.00	23.17 0.66 0.00	24.36 0.66 0.00
COOPERNY_115KV_TB1 80082	20.20 0.55 0.00	16.38 0.42 0.00	13.65 0.34 0.00	13.89 0.35 0.00	12.13 0.29 0.00	12.83 0.31 0.00	14.45 0.36 0.00	13.81 0.36 0.00	18.63 0.50 0.00	20.29 0.55 0.00	24.18 0.70 0.00	23.12 0.70 0.00	27.25 0.84 0.00	27.78 0.87 0.00	27.40 0.84 0.00	27.43 0.81 0.00	26.73 0.84 0.00	30.63 1.09 0.00	32.62 1.15 0.00	30.84 1.08 -0.04	31.34 0.95 0.00	29.81 0.86 0.00	23.14 0.62 0.00	24.30 0.60 0.00
COPENHAGEN_WT_PWR 323753	19.86 0.21 0.00	16.19 0.23 0.00	13.61 0.30 0.00	13.88 0.33 0.00	12.09 0.26 0.00	12.81 0.29 0.00	14.51 0.42 0.00	13.84 0.39 0.00	18.67 0.55 0.00	20.13 0.39 0.00	24.01 0.53 0.00	22.76 0.35 0.00	26.81 0.41 0.00	27.23 0.32 0.00	26.85 0.29 0.00	26.83 0.22 0.00	26.06 0.18 0.00	30.52 0.98 0.00	32.68 1.20 0.00	30.89 1.17 0.00	31.60 1.21 0.00	30.02 1.07 0.00	23.26 0.74 0.00	24.50 0.79 0.00
CORNELL____ 23752	19.96 0.31 0.00	16.17 0.22 0.00	13.48 0.16 0.00	13.74 0.19 0.00	12.01 0.17 0.00	12.69 0.17 0.00	14.28 0.19 0.00	13.68 0.23 0.00	18.43 0.31 0.00	20.00 0.26 0.00	23.80 0.31 0.00	22.69 0.27 0.00	26.82 0.41 0.00	27.30 0.39 0.00	26.97 0.41 0.00	27.07 0.46 0.00	26.38 0.50 0.00	30.23 0.69 0.00	32.27 0.79 0.00	30.48 0.75 -0.01	31.12 0.73 0.00	29.53 0.58 0.00	22.93 0.41 0.00	24.19 0.48 0.00
CORONAAV_69_KV_TB1 355595	20.94 1.29 0.00	16.94 0.99 0.00	14.13 0.81 0.00	14.36 0.81 0.00	12.53 0.70 0.00	13.25 0.73 0.00	14.96 0.87 0.00	14.31 0.85 0.00	19.39 1.27 0.00	21.09 1.35 0.00	25.27 1.79 0.00	25.54 1.79 -1.34	28.47 2.06 0.00	29.04 2.13 0.00	28.62 2.06 0.00	28.59 1.98 0.00	27.93 2.05 0.00	32.06 2.52 0.00	34.05 2.57 0.00	32.27 2.50 -0.06	32.58 2.19 0.00	31.03 2.08 0.00	24.10 1.58 0.00	25.13 1.43 0.00
CORTLAND_115KV_TB3 80093	19.80 0.15 0.00	16.06 0.10 0.00	13.38 0.07 0.00	13.64 0.09 0.00	11.92 0.08 0.00	12.59 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.27 0.15 0.00	19.84 0.10 0.00	23.59 0.11 0.00	22.51 0.09 0.00	26.60 0.19 0.00	27.08 0.17 0.00	26.75 0.20 0.00	26.82 0.21 0.00	26.14 0.26 0.00	29.94 0.40 0.00	31.95 0.47 0.00	30.16 0.44 -0.01	30.80 0.41 0.00	29.26 0.31 0.00	22.74 0.22 0.00	23.98 0.28 0.00

COXSACKIE___GT 23611	20.67 1.02 0.00	16.76 0.81 0.00	13.99 0.68 0.00	14.24 0.69 0.00	12.49 0.65 0.00	13.17 0.65 0.00	14.81 0.72 0.00	14.19 0.74 0.00	19.19 1.08 0.00	20.93 1.20 0.00	25.01 1.53 0.00	23.83 1.42 0.00	28.17 1.76 0.00	28.79 1.89 0.00	28.36 1.80 0.00	28.46 1.85 0.00	27.74 1.85 0.00	31.91 2.37 0.00	34.06 2.58 0.00	32.18 2.39 -0.07	32.62 2.24 0.00	30.94 1.99 0.00	23.78 1.26 0.00	24.93 1.22 0.00
CPV_VALLEY___CC1 323721	20.26 0.61 0.00	16.42 0.47 0.00	13.69 0.38 0.00	13.94 0.39 0.00	12.16 0.32 0.00	12.86 0.34 0.00	14.49 0.40 0.00	13.85 0.40 0.00	18.68 0.56 0.00	20.35 0.61 0.00	24.28 0.79 0.00	23.22 0.80 0.00	27.37 0.96 0.00	27.91 1.00 0.00	27.51 0.95 0.00	27.54 0.93 0.00	26.84 0.95 0.00	30.79 1.25 0.00	32.79 1.31 0.00	31.01 1.24 -0.05	31.46 1.07 0.00	29.92 0.97 0.00	23.20 0.68 0.00	24.35 0.64 0.00
CPV_VALLEY___CC2 323722	20.26 0.61 0.00	16.42 0.47 0.00	13.69 0.38 0.00	13.94 0.39 0.00	12.16 0.32 0.00	12.86 0.34 0.00	14.49 0.40 0.00	13.85 0.40 0.00	18.68 0.56 0.00	20.35 0.61 0.00	24.28 0.79 0.00	23.22 0.80 0.00	27.37 0.96 0.00	27.91 1.00 0.00	27.51 0.95 0.00	27.54 0.93 0.00	26.84 0.95 0.00	30.79 1.25 0.00	32.79 1.31 0.00	31.01 1.24 -0.05	31.46 1.07 0.00	29.92 0.97 0.00	23.20 0.68 0.00	24.35 0.64 0.00
CRESCENT___HYD 24018	20.26 0.61 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.00 0.45 0.00	12.22 0.38 0.00	12.92 0.39 0.00	14.52 0.43 0.00	13.85 0.40 0.00	18.69 0.57 0.00	20.36 0.62 0.00	24.31 0.83 0.00	23.21 0.80 0.00	27.39 0.98 0.00	27.99 1.08 0.00	27.54 0.98 0.00	27.63 1.02 0.00	26.87 0.99 0.00	30.85 1.32 0.00	32.94 1.46 0.00	31.12 1.33 -0.08	31.61 1.22 0.00	30.08 1.13 0.00	23.17 0.66 0.00	24.36 0.66 0.00
CRICKET___VALLEY_CC1 323756	20.29 0.64 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.01 0.46 0.00	12.22 0.38 0.00	12.93 0.41 0.00	14.56 0.47 0.00	13.88 0.43 0.00	18.72 0.60 0.00	20.40 0.65 0.00	24.34 0.85 0.00	23.26 0.85 0.00	27.45 1.04 0.00	28.05 1.14 0.00	27.58 1.02 0.00	27.62 1.00 0.00	26.91 1.03 0.00	30.90 1.36 0.00	32.95 1.48 0.00	31.16 1.38 -0.07	31.59 1.20 0.00	30.04 1.09 0.00	23.18 0.66 0.00	24.32 0.61 0.00
CRICKET___VALLEY_CC2 323757	20.29 0.64 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.01 0.46 0.00	12.22 0.38 0.00	12.93 0.41 0.00	14.56 0.47 0.00	13.88 0.43 0.00	18.72 0.60 0.00	20.40 0.65 0.00	24.34 0.85 0.00	23.26 0.85 0.00	27.45 1.04 0.00	28.05 1.14 0.00	27.58 1.02 0.00	27.62 1.00 0.00	26.91 1.03 0.00	30.90 1.36 0.00	32.95 1.48 0.00	31.16 1.38 -0.07	31.59 1.20 0.00	30.04 1.09 0.00	23.18 0.66 0.00	24.32 0.61 0.00
CRICKET___VALLEY_CC3 323758	20.29 0.64 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.01 0.46 0.00	12.22 0.38 0.00	12.93 0.41 0.00	14.56 0.47 0.00	13.88 0.43 0.00	18.72 0.60 0.00	20.40 0.65 0.00	24.34 0.85 0.00	23.26 0.85 0.00	27.45 1.04 0.00	28.05 1.14 0.00	27.58 1.02 0.00	27.62 1.00 0.00	26.91 1.03 0.00	30.90 1.36 0.00	32.95 1.48 0.00	31.16 1.38 -0.07	31.59 1.20 0.00	30.04 1.09 0.00	23.18 0.66 0.00	24.32 0.61 0.00
CRUCIBLE_METL_DRP 24180	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
DAHOWA___HYDRO 323763	20.71 1.06 0.00	16.82 0.87 0.00	14.05 0.73 0.00	14.31 0.76 0.00	12.49 0.65 0.00	13.21 0.68 0.00	14.88 0.79 0.00	14.21 0.76 0.00	19.17 1.05 0.00	20.91 1.17 0.00	24.97 1.49 0.00	23.83 1.41 0.00	28.04 1.63 0.00	28.64 1.73 0.00	28.18 1.62 0.00	28.23 1.62 0.00	27.56 1.68 0.00	31.67 2.14 0.00	33.93 2.45 0.00	32.05 2.26 -0.08	32.51 2.12 0.00	30.86 1.91 0.00	23.72 1.21 0.00	24.88 1.18 0.00
DANC___LFGE 323619	19.80 0.14 0.00	16.10 0.15 0.00	13.50 0.19 0.00	13.76 0.20 0.00	12.00 0.16 0.00	12.71 0.18 0.00	14.35 0.27 0.00	13.71 0.26 0.00	18.48 0.36 0.00	19.98 0.24 0.00	23.79 0.31 0.00	22.61 0.19 0.00	26.66 0.24 0.00	27.10 0.19 0.00	26.73 0.18 0.00	26.75 0.14 0.00	26.01 0.12 0.00	30.21 0.67 0.00	32.32 0.84 0.00	30.54 0.83 0.00	31.24 0.85 0.00	29.66 0.71 0.00	23.01 0.49 0.00	24.25 0.55 0.00
DANSKAMMER___1 23586	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.55 1.60 0.00	23.66 1.14 0.00	24.81 1.11 0.00
DANSKAMMER___2 23589	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.55 1.60 0.00	23.66 1.14 0.00	24.81 1.11 0.00
DANSKAMMER___3 23590	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.55 1.60 0.00	23.66 1.14 0.00	24.81 1.11 0.00
DANSKAMMER___4 23591	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.55 1.60 0.00	23.66 1.14 0.00	24.81 1.11 0.00
DANSKAMMER___DIESEL 23592	20.65 1.00 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.11 0.59 0.00	14.77 0.68 0.00	14.12 0.66 0.00	19.07 0.94 0.00	20.78 1.05 0.00	24.80 1.32 0.00	23.73 1.31 0.00	27.98 1.57 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.14 1.53 0.00	27.44 1.56 0.00	31.49 1.96 0.00	33.55 2.07 0.00	31.73 1.96 -0.06	32.15 1.76 0.00	30.56 1.61 0.00	23.66 1.14 0.00	24.81 1.11 0.00

DARBY___SOLAR 323810	20.64 0.98 0.00	16.77 0.81 0.00	14.00 0.68 0.00	14.25 0.71 0.00	12.44 0.60 0.00	13.16 0.64 0.00	14.82 0.73 0.00	14.15 0.70 0.00	19.08 0.96 0.00	20.81 1.07 0.00	24.84 1.36 0.00	23.70 1.29 0.00	27.90 1.49 0.00	28.51 1.60 0.00	28.05 1.49 0.00	28.11 1.50 0.00	27.43 1.55 0.00	31.52 1.98 0.00	33.75 2.27 0.00	31.88 2.09 -0.08	32.34 1.95 0.00	30.72 1.76 0.00	23.63 1.12 0.00	24.81 1.10 0.00
DASHVILLE___HYD 23610	20.46 0.80 0.00	16.57 0.61 0.00	13.81 0.49 0.00	14.05 0.51 0.00	12.25 0.41 0.00	12.96 0.44 0.00	14.62 0.53 0.00	13.96 0.51 0.00	18.86 0.74 0.00	20.56 0.82 0.00	24.54 1.05 0.00	23.48 1.06 0.00	27.68 1.26 0.00	28.22 1.31 0.00	27.79 1.24 0.00	27.81 1.19 0.00	27.12 1.24 0.00	31.12 1.58 0.00	33.14 1.66 0.00	31.34 1.56 -0.06	31.76 1.37 0.00	30.20 1.25 0.00	23.41 0.89 0.00	24.55 0.84 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	21.55 1.89 0.00	17.43 1.47 0.00	14.56 1.25 0.00	14.80 1.26 0.00	12.91 1.08 0.00	13.65 1.13 0.00	15.44 1.36 0.00	14.79 1.34 0.00	20.07 1.95 0.00	21.90 2.16 0.00	26.28 2.80 0.00	26.58 2.82 -1.34	29.66 3.25 0.00	30.28 3.37 0.00	29.89 3.34 0.00	29.82 3.20 0.00	29.15 3.27 0.00	33.49 3.95 0.00	35.55 4.07 0.00	33.71 3.94 -0.06	33.88 3.50 0.00	32.17 3.22 0.00	25.02 2.50 0.00	25.93 2.23 0.00
DELAWARE___LFGE 323621	20.12 0.47 0.00	16.32 0.37 0.00	13.61 0.29 0.00	13.86 0.30 0.00	12.10 0.26 0.00	12.79 0.27 0.00	14.41 0.32 0.00	13.78 0.33 0.00	18.57 0.45 0.00	20.23 0.49 0.00	24.10 0.62 0.00	23.04 0.62 0.00	27.17 0.76 0.00	27.70 0.79 0.00	27.31 0.75 0.00	27.36 0.75 0.00	26.66 0.78 0.00	30.55 1.01 0.00	32.54 1.07 0.00	30.73 0.99 -0.03	31.30 0.91 0.00	29.76 0.81 0.00	23.07 0.56 0.00	24.27 0.56 0.00
DERFIELD_115KV_TB7 355931	19.62 -0.03 0.00	15.92 -0.03 0.00	13.29 -0.02 0.00	13.52 -0.02 0.00	11.82 -0.01 0.00	12.50 -0.02 0.00	14.06 -0.02 0.00	13.43 -0.01 0.00	18.10 -0.02 0.00	19.71 -0.03 0.00	23.45 -0.03 0.00	22.40 -0.02 0.00	26.39 -0.02 0.00	26.91 0.00 0.00	26.55 0.00 0.00	26.61 0.00 0.00	25.88 0.00 0.00	29.59 0.05 0.00	31.54 0.06 0.00	29.77 0.05 0.00	30.42 0.03 0.00	28.95 0.00 0.00	22.50 -0.02 0.00	23.70 -0.01 0.00
DOGLEVILLE___HYD 23807	19.31 -0.34 0.00	15.65 -0.30 0.00	13.07 -0.24 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.40 -0.13 0.00	13.91 -0.18 0.00	13.32 -0.13 0.00	17.99 -0.12 0.00	19.59 -0.15 0.00	23.35 -0.13 0.00	22.33 -0.09 0.00	26.31 -0.10 0.00	26.90 -0.01 0.00	26.55 0.00 0.00	26.64 0.02 0.00	25.98 0.10 0.00	29.80 0.26 0.00	31.94 0.46 0.00	30.13 0.42 0.00	30.60 0.20 0.00	28.99 0.04 0.00	22.32 -0.20 0.00	23.35 -0.36 0.00
DUNKIRK___115KV_TB_200 55889	19.84 0.19 0.00	16.10 0.15 0.00	13.43 0.11 0.00	13.68 0.12 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.15 0.07 0.00	13.50 0.05 0.00	18.02 -0.09 0.00	19.38 -0.36 0.00	23.04 -0.44 0.00	22.03 -0.38 0.00	26.17 -0.24 0.00	26.59 -0.33 0.00	26.34 -0.22 0.00	26.31 -0.31 0.00	25.45 -0.43 0.00	29.14 -0.40 0.00	31.09 -0.39 0.00	29.38 -0.35 -0.01	30.25 -0.14 0.00	28.78 -0.17 0.00	22.67 0.15 0.00	24.25 0.55 0.00
DUNKIRK___1 23563	19.84 0.19 0.00	16.10 0.15 0.00	13.43 0.11 0.00	13.68 0.12 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.15 0.07 0.00	13.50 0.05 0.00	18.02 -0.09 0.00	19.38 -0.36 0.00	23.04 -0.44 0.00	22.03 -0.38 0.00	26.17 -0.24 0.00	26.59 -0.33 0.00	26.34 -0.22 0.00	26.31 -0.31 0.00	25.45 -0.43 0.00	29.14 -0.40 0.00	31.09 -0.39 0.00	29.38 -0.35 -0.01	30.25 -0.14 0.00	28.78 -0.17 0.00	22.67 0.15 0.00	24.25 0.55 0.00
DUNKIRK___2 23564	19.84 0.19 0.00	16.10 0.15 0.00	13.43 0.11 0.00	13.68 0.12 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.15 0.07 0.00	13.50 0.05 0.00	18.02 -0.09 0.00	19.38 -0.36 0.00	23.04 -0.44 0.00	22.03 -0.38 0.00	26.17 -0.24 0.00	26.59 -0.33 0.00	26.34 -0.22 0.00	26.31 -0.31 0.00	25.45 -0.43 0.00	29.14 -0.40 0.00	31.09 -0.39 0.00	29.38 -0.35 -0.01	30.25 -0.14 0.00	28.78 -0.17 0.00	22.67 0.15 0.00	24.25 0.55 0.00
DUNKIRK___3 23565	19.82 0.16 0.00	16.08 0.12 0.00	13.41 0.10 0.00	13.66 0.11 0.00	11.96 0.13 0.00	12.66 0.13 0.00	14.14 0.05 0.00	13.50 0.04 0.00	18.02 -0.10 0.00	19.36 -0.38 0.00	23.00 -0.49 0.00	21.96 -0.46 0.00	26.08 -0.33 0.00	26.50 -0.41 0.00	26.25 -0.31 0.00	26.23 -0.38 0.00	25.40 -0.48 0.00	29.08 -0.46 0.00	31.04 -0.44 0.00	29.31 -0.41 -0.01	30.18 -0.21 0.00	28.70 -0.25 0.00	22.59 0.07 0.00	24.16 0.45 0.00
DUNKIRK___4 23566	19.83 0.18 0.00	16.10 0.14 0.00	13.43 0.12 0.00	13.67 0.12 0.00	11.97 0.13 0.00	12.67 0.15 0.00	14.15 0.07 0.00	13.49 0.04 0.00	18.02 -0.10 0.00	19.34 -0.39 0.00	22.99 -0.49 0.00	21.98 -0.44 0.00	26.10 -0.31 0.00	26.52 -0.38 0.00	26.28 -0.28 0.00	26.26 -0.36 0.00	25.39 -0.49 0.00	29.07 -0.46 0.00	31.02 -0.45 0.00	29.30 -0.42 -0.01	30.18 -0.21 0.00	28.71 -0.24 0.00	22.61 0.09 0.00	24.21 0.50 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.67 1.02 0.00	16.73 0.78 0.00	13.95 0.64 0.00	14.19 0.65 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.67 0.00	14.11 0.66 0.00	19.06 0.94 0.00	20.76 1.02 0.00	24.80 1.31 0.00	23.73 1.31 0.00	27.95 1.54 0.00	28.49 1.59 0.00	28.07 1.52 0.00	28.08 1.46 0.00	27.39 1.51 0.00	31.44 1.90 0.00	33.47 1.99 0.00	31.66 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.65 1.13 0.00	24.81 1.10 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.52 0.87 0.00	16.62 0.67 0.00	13.85 0.54 0.00	14.10 0.55 0.00	12.30 0.46 0.00	13.01 0.49 0.00	14.66 0.57 0.00	14.02 0.57 0.00	18.92 0.80 0.00	20.62 0.89 0.00	24.61 1.13 0.00	23.54 1.12 0.00	27.75 1.34 0.00	28.30 1.39 0.00	27.90 1.34 0.00	27.91 1.30 0.00	27.22 1.33 0.00	31.24 1.70 0.00	33.27 1.79 0.00	31.47 1.70 -0.06	31.89 1.50 0.00	30.32 1.37 0.00	23.50 0.98 0.00	24.65 0.95 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.71 1.05 0.00	16.77 0.81 0.00	13.98 0.67 0.00	14.22 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.85 1.37 0.00	23.79 1.37 0.00	27.97 1.56 0.00	28.55 1.64 0.00	28.12 1.57 0.00	28.12 1.50 0.00	27.44 1.56 0.00	31.48 1.94 0.00	33.52 2.04 0.00	31.74 1.96 -0.06	32.11 1.72 0.00	30.59 1.64 0.00	23.71 1.20 0.00	24.87 1.16 0.00
E179THST_13_KV_LOAD 356214	20.78 1.13 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.28 0.72 0.00	12.45 0.62 0.00	13.17 0.65 0.00	14.85 0.77 0.00	14.19 0.74 0.00	19.18 1.07 0.00	20.90 1.16 0.00	24.94 1.46 0.00	23.88 1.46 0.00	28.10 1.68 0.00	28.67 1.76 0.00	28.24 1.69 0.00	28.24 1.62 0.00	27.57 1.68 0.00	31.61 2.07 0.00	33.66 2.18 0.00	31.88 2.10 -0.06	32.25 1.86 0.00	30.71 1.77 0.00	23.81 1.30 0.00	24.97 1.26 0.00

EAST HAMPTON___GT 23717	21.78 2.13 0.00	17.62 1.67 0.00	14.72 1.41 0.00	14.97 1.42 0.00	13.06 1.22 0.00	13.81 1.29 0.00	15.63 1.54 0.00	14.97 1.52 0.00	20.32 2.20 0.00	22.19 2.45 0.00	26.64 3.16 0.00	26.94 3.18 -1.34	30.06 3.65 0.00	30.68 3.77 0.00	30.27 3.72 0.00	30.19 3.58 0.00	29.52 3.64 0.00	33.92 4.38 0.00	36.01 4.53 0.00	34.15 4.37 -0.06	34.31 3.92 0.00	32.55 3.60 0.00	25.31 2.79 0.00	26.21 2.50 0.00
EAST RIVER___6 23660	20.72 1.07 0.00	16.77 0.82 0.00	13.98 0.66 0.00	14.22 0.67 0.00	12.40 0.57 0.00	13.12 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.98 0.00	20.82 1.09 0.00	24.86 1.38 0.00	23.79 1.38 0.00	28.00 1.59 0.00	28.53 1.62 0.00	28.11 1.56 0.00	28.11 1.50 0.00	27.44 1.56 0.00	31.47 1.94 0.00	33.50 2.03 0.00	31.70 1.92 -0.06	32.08 1.69 0.00	30.52 1.56 0.00	23.70 1.18 0.00	24.85 1.15 0.00
EAST RIVER___7 23524	20.72 1.07 0.00	16.77 0.82 0.00	13.98 0.66 0.00	14.22 0.67 0.00	12.40 0.57 0.00	13.12 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.98 0.00	20.82 1.09 0.00	24.86 1.38 0.00	23.79 1.38 0.00	28.00 1.59 0.00	28.53 1.62 0.00	28.11 1.56 0.00	28.11 1.50 0.00	27.44 1.56 0.00	31.47 1.94 0.00	33.50 2.03 0.00	31.70 1.92 -0.06	32.08 1.69 0.00	30.52 1.56 0.00	23.70 1.18 0.00	24.85 1.15 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.63 0.98 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.35 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.08 0.63 0.00	19.01 0.89 0.00	20.72 0.98 0.00	24.74 1.26 0.00	23.67 1.25 0.00	27.89 1.48 0.00	28.44 1.53 0.00	28.01 1.46 0.00	28.02 1.41 0.00	27.33 1.45 0.00	31.38 1.84 0.00	33.40 1.92 0.00	31.60 1.83 -0.06	32.01 1.61 0.00	30.44 1.49 0.00	23.60 1.09 0.00	24.76 1.05 0.00
EAST_HAMPTON___DIESEL 23722	21.78 2.13 0.00	17.62 1.67 0.00	14.72 1.41 0.00	14.97 1.42 0.00	13.06 1.22 0.00	13.81 1.29 0.00	15.63 1.54 0.00	14.97 1.52 0.00	20.32 2.20 0.00	22.19 2.45 0.00	26.64 3.16 0.00	26.94 3.18 -1.34	30.06 3.65 0.00	30.68 3.77 0.00	30.28 3.72 0.00	30.20 3.58 0.00	29.52 3.64 0.00	33.92 4.38 0.00	36.01 4.53 0.00	34.15 4.38 -0.06	34.31 3.92 0.00	32.55 3.60 0.00	25.31 2.79 0.00	26.21 2.51 0.00
EAST_PULASKI___ESR 323781	19.84 0.19 0.00	16.11 0.15 0.00	13.48 0.16 0.00	13.72 0.17 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.29 0.21 0.00	13.66 0.21 0.00	18.41 0.29 0.00	19.95 0.21 0.00	23.72 0.24 0.00	22.61 0.19 0.00	26.67 0.26 0.00	27.14 0.23 0.00	26.79 0.24 0.00	26.83 0.21 0.00	26.11 0.22 0.00	30.11 0.57 0.00	32.18 0.71 0.00	30.41 0.69 0.00	31.08 0.69 0.00	29.51 0.56 0.00	22.90 0.38 0.00	24.16 0.45 0.00
EAST_RIVER___1 323558	20.73 1.08 0.00	16.78 0.83 0.00	13.98 0.67 0.00	14.23 0.68 0.00	12.41 0.58 0.00	13.13 0.61 0.00	14.81 0.72 0.00	14.15 0.69 0.00	19.11 0.99 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.78 1.36 0.00	27.99 1.58 0.00	28.52 1.61 0.00	28.10 1.55 0.00	28.09 1.48 0.00	27.42 1.54 0.00	31.46 1.93 0.00	33.48 2.00 0.00	31.68 1.91 -0.06	32.07 1.68 0.00	30.51 1.56 0.00	23.70 1.18 0.00	24.86 1.15 0.00
EAST_RIVER___2 323559	20.72 1.07 0.00	16.77 0.82 0.00	13.98 0.66 0.00	14.22 0.67 0.00	12.40 0.57 0.00	13.12 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.98 0.00	20.82 1.09 0.00	24.86 1.38 0.00	23.79 1.38 0.00	28.00 1.59 0.00	28.53 1.62 0.00	28.11 1.56 0.00	28.11 1.50 0.00	27.44 1.56 0.00	31.47 1.94 0.00	33.50 2.03 0.00	31.70 1.92 -0.06	32.08 1.69 0.00	30.52 1.56 0.00	23.70 1.18 0.00	24.85 1.15 0.00
EAST___DELAWARE_HYD 23607	20.26 0.61 0.00	16.40 0.45 0.00	13.66 0.34 0.00	13.90 0.35 0.00	12.12 0.28 0.00	12.83 0.31 0.00	14.47 0.38 0.00	13.85 0.39 0.00	18.72 0.60 0.00	20.33 0.59 0.00	23.72 0.23 0.00	22.69 0.27 0.00	26.73 0.31 0.00	27.25 0.34 0.00	26.88 0.32 0.00	26.90 0.28 0.00	26.25 0.37 0.00	30.12 0.58 0.00	32.07 0.59 0.00	30.34 0.58 -0.05	30.73 0.34 0.00	29.28 0.33 0.00	23.25 0.73 0.00	24.36 0.65 0.00
EIGHT_POINT___WT_PWR 323820	19.36 -0.29 0.00	15.98 0.03 0.00	13.13 -0.18 0.00	13.33 -0.22 0.00	11.82 -0.02 0.00	12.06 -0.46 0.00	13.55 -0.54 0.00	13.11 -0.34 0.00	17.64 -0.48 0.00	19.18 -0.56 0.00	22.88 -0.60 0.00	21.84 -0.57 0.00	25.96 -0.45 0.00	26.48 -0.43 0.00	26.33 -0.23 0.00	26.46 -0.16 0.00	25.71 -0.18 0.00	29.35 -0.19 0.00	31.29 -0.18 0.00	29.56 -0.17 -0.01	30.66 0.27 0.00	29.05 0.10 0.00	22.81 0.30 0.00	24.27 0.56 0.00
ELBRIDGE_115KV_TB2 80188	19.55 -0.10 0.00	15.87 -0.09 0.00	13.22 -0.09 0.00	13.47 -0.08 0.00	11.78 -0.06 0.00	12.46 -0.06 0.00	14.00 -0.08 0.00	13.39 -0.06 0.00	18.04 -0.08 0.00	19.56 -0.18 0.00	23.26 -0.22 0.00	22.21 -0.21 0.00	26.24 -0.17 0.00	26.72 -0.19 0.00	26.38 -0.17 0.00	26.45 -0.16 0.00	25.70 -0.18 0.00	29.44 -0.09 0.00	31.36 -0.12 0.00	29.65 -0.07 -0.01	30.30 -0.09 0.00	28.80 -0.15 0.00	22.37 -0.15 0.00	23.66 -0.05 0.00
ELEC_TRO_TEK 24086	20.82 1.17 0.00	16.85 0.90 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.88 0.79 0.00	14.23 0.78 0.00	19.28 1.16 0.00	20.98 1.24 0.00	25.13 1.64 0.00	25.40 1.65 -1.34	28.31 1.90 0.00	28.88 1.97 0.00	28.47 1.91 0.00	28.43 1.82 0.00	27.77 1.88 0.00	31.86 2.33 0.00	33.84 2.37 0.00	32.08 2.30 -0.06	32.40 2.01 0.00	30.85 1.89 0.00	23.96 1.44 0.00	24.99 1.29 0.00
ELLENBURG_WT_PWR 323604	19.84 0.19 0.00	16.10 0.15 0.00	13.45 0.14 0.00	13.71 0.16 0.00	12.04 0.20 0.00	12.80 0.27 0.00	14.44 0.35 0.00	13.75 0.30 0.00	18.54 0.42 0.00	20.39 0.65 0.00	24.26 0.78 0.00	23.05 0.64 0.00	27.01 0.60 0.00	27.27 0.36 0.00	27.03 0.48 0.00	27.17 0.55 0.00	26.33 0.45 0.00	30.21 0.68 0.00	32.38 0.90 0.00	30.55 0.84 0.00	31.20 0.81 0.00	29.62 0.67 0.00	22.71 0.19 0.00	23.56 -0.15 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.65 -0.01 0.00	15.98 0.03 0.00	13.37 0.06 0.00	13.58 0.03 0.00	11.90 0.07 0.00	12.61 0.08 0.00	14.06 -0.03 0.00	13.38 -0.08 0.00	17.84 -0.28 0.00	19.10 -0.64 0.00	22.68 -0.81 0.00	21.66 -0.75 0.00	25.72 -0.69 0.00	26.17 -0.74 0.00	25.91 -0.65 0.00	25.92 -0.69 0.00	25.03 -0.85 0.00	28.65 -0.89 0.00	30.55 -0.93 0.00	28.84 -0.89 -0.01	29.72 -0.68 0.00	28.27 -0.68 0.00	22.26 -0.26 0.00	23.88 0.17 0.00
EMPIRE_CC_1 323656	19.99 0.34 0.00	16.26 0.30 0.00	13.58 0.26 0.00	13.82 0.27 0.00	12.07 0.23 0.00	12.73 0.21 0.00	14.30 0.21 0.00	13.63 0.18 0.00	18.40 0.28 0.00	20.02 0.28 0.00	23.88 0.39 0.00	22.81 0.39 0.00	26.90 0.49 0.00	27.50 0.59 0.00	27.05 0.50 0.00	27.14 0.53 0.00	26.38 0.50 0.00	30.28 0.74 0.00	32.27 0.79 0.00	30.50 0.72 -0.08	30.98 0.59 0.00	29.51 0.56 0.00	22.81 0.29 0.00	24.03 0.33 0.00

EMPIRE_CC_2 323658	19.99 0.34 0.00	16.26 0.30 0.00	13.58 0.26 0.00	13.82 0.27 0.00	12.07 0.23 0.00	12.73 0.21 0.00	14.30 0.21 0.00	13.63 0.18 0.00	18.40 0.28 0.00	20.02 0.28 0.00	23.88 0.39 0.00	22.81 0.39 0.00	26.90 0.49 0.00	27.50 0.59 0.00	27.05 0.50 0.00	27.14 0.53 0.00	26.38 0.50 0.00	30.28 0.74 0.00	32.27 0.79 0.00	30.50 0.72 -0.08	30.98 0.59 0.00	29.51 0.56 0.00	22.81 0.29 0.00	24.03 0.33 0.00
ENORWICH_115KV_TB1 80156	20.34 0.69 0.00	16.48 0.53 0.00	13.73 0.42 0.00	14.03 0.48 0.00	12.22 0.38 0.00	12.88 0.35 0.00	14.60 0.51 0.00	14.07 0.62 0.00	18.86 0.74 0.00	20.60 0.86 0.00	24.54 1.06 0.00	23.45 1.03 0.00	27.67 1.25 0.00	28.23 1.32 0.00	27.92 1.36 0.00	28.14 1.53 0.00	27.50 1.61 0.00	31.61 2.07 0.00	33.91 2.44 0.00	31.85 2.12 -0.02	32.33 1.94 0.00	30.67 1.72 0.00	23.74 1.22 0.00	24.87 1.16 0.00
ERIE_ST__34_KV_TB1-2 80199	20.13 0.48 0.00	16.35 0.40 0.00	13.67 0.36 0.00	13.88 0.33 0.00	12.17 0.33 0.00	12.89 0.37 0.00	14.40 0.31 0.00	13.71 0.26 0.00	18.31 0.18 0.00	19.61 -0.13 0.00	23.26 -0.22 0.00	22.19 -0.22 0.00	26.36 -0.05 0.00	26.82 -0.09 0.00	26.56 0.00 0.00	26.56 -0.05 0.00	25.67 -0.21 0.00	29.42 -0.12 0.00	31.40 -0.08 0.00	29.63 -0.09 -0.01	30.52 0.13 0.00	29.02 0.07 0.00	22.82 0.31 0.00	24.45 0.74 0.00
ERIE_WT_PWR 323693	19.79 0.14 0.00	16.09 0.14 0.00	13.46 0.15 0.00	13.66 0.12 0.00	11.98 0.15 0.00	12.69 0.16 0.00	14.15 0.06 0.00	13.47 0.02 0.00	17.98 -0.14 0.00	19.26 -0.48 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.53 0.00	26.11 -0.44 0.00	26.13 -0.48 0.00	25.25 -0.62 0.00	28.90 -0.64 0.00	30.83 -0.65 0.00	29.12 -0.60 -0.01	30.00 -0.39 0.00	28.56 -0.40 0.00	22.45 -0.07 0.00	24.08 0.37 0.00
ESPRGFLD_115KV_TB1 80157	21.04 1.39 0.00	17.10 1.15 0.00	14.22 0.91 0.00	14.48 0.93 0.00	12.64 0.80 0.00	13.47 0.95 0.00	15.16 1.07 0.00	14.44 0.99 0.00	19.54 1.42 0.00	21.17 1.43 0.00	25.09 1.61 0.00	23.95 1.53 0.00	28.16 1.74 0.00	28.67 1.76 0.00	28.47 1.92 0.00	28.55 1.94 0.00	27.81 1.93 0.00	31.81 2.28 0.00	33.75 2.27 0.00	31.90 2.24 0.05	32.71 2.32 0.00	31.08 2.13 0.00	24.36 1.85 0.00	25.65 1.95 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	19.93 0.28 0.00	16.15 0.20 0.00	13.46 0.15 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.67 0.15 0.00	14.26 0.17 0.00	13.66 0.21 0.00	18.40 0.28 0.00	19.96 0.22 0.00	23.75 0.26 0.00	22.65 0.23 0.00	26.77 0.35 0.00	27.25 0.34 0.00	26.92 0.36 0.00	27.02 0.41 0.00	26.32 0.44 0.00	30.16 0.62 0.00	32.20 0.72 0.00	30.41 0.68 -0.01	31.04 0.65 0.00	29.47 0.52 0.00	22.89 0.37 0.00	24.14 0.44 0.00
ETNA_____115KV_TB2 80207	19.93 0.28 0.00	16.15 0.20 0.00	13.46 0.15 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.67 0.15 0.00	14.26 0.17 0.00	13.66 0.21 0.00	18.40 0.28 0.00	19.96 0.22 0.00	23.75 0.26 0.00	22.65 0.23 0.00	26.77 0.35 0.00	27.25 0.34 0.00	26.92 0.36 0.00	27.02 0.41 0.00	26.32 0.44 0.00	30.16 0.62 0.00	32.20 0.72 0.00	30.41 0.68 -0.01	31.04 0.65 0.00	29.47 0.52 0.00	22.89 0.37 0.00	24.14 0.44 0.00
EUCLID___115KV_TB2 356179	19.44 -0.21 0.00	15.78 -0.18 0.00	13.17 -0.15 0.00	13.40 -0.15 0.00	11.71 -0.13 0.00	12.39 -0.13 0.00	13.93 -0.16 0.00	13.31 -0.13 0.00	17.92 -0.20 0.00	19.46 -0.28 0.00	23.11 -0.37 0.00	22.07 -0.35 0.00	26.05 -0.36 0.00	26.55 -0.36 0.00	26.21 -0.35 0.00	26.26 -0.35 0.00	25.55 -0.34 0.00	29.24 -0.30 0.00	31.18 -0.30 0.00	29.45 -0.27 -0.01	30.09 -0.30 0.00	28.60 -0.35 0.00	22.26 -0.26 0.00	23.52 -0.18 0.00
E_CANADA_CAP_HY 24051	21.03 1.38 0.00	17.09 1.14 0.00	14.21 0.90 0.00	14.47 0.92 0.00	12.64 0.80 0.00	13.46 0.94 0.00	15.15 1.06 0.00	14.43 0.97 0.00	19.53 1.41 0.00	21.17 1.43 0.00	25.11 1.62 0.00	23.96 1.54 0.00	28.18 1.76 0.00	28.70 1.79 0.00	28.48 1.93 0.00	28.56 1.95 0.00	27.83 1.95 0.00	31.85 2.32 0.00	33.81 2.33 0.00	32.10 2.30 -0.08	32.76 2.37 0.00	31.11 2.16 0.00	24.36 1.84 0.00	25.62 1.92 0.00
E_CANADA_MHWK_HY 24050	19.31 -0.34 0.00	15.65 -0.30 0.00	13.07 -0.24 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.40 -0.13 0.00	13.91 -0.18 0.00	13.32 -0.13 0.00	17.99 -0.12 0.00	19.59 -0.15 0.00	23.35 -0.13 0.00	22.33 -0.09 0.00	26.31 -0.10 0.00	26.90 -0.01 0.00	26.55 0.00 0.00	26.64 0.02 0.00	25.98 0.10 0.00	29.80 0.26 0.00	31.94 0.46 0.00	30.13 0.42 0.00	30.60 0.20 0.00	28.99 0.04 0.00	22.32 -0.20 0.00	23.35 -0.36 0.00
E_FISHKILL___LBMP 23776	20.47 0.82 0.00	16.59 0.64 0.00	13.84 0.52 0.00	14.09 0.54 0.00	12.29 0.45 0.00	13.00 0.48 0.00	14.64 0.55 0.00	13.98 0.53 0.00	18.88 0.76 0.00	20.57 0.83 0.00	24.55 1.07 0.00	23.48 1.06 0.00	27.69 1.27 0.00	28.24 1.33 0.00	27.81 1.26 0.00	27.83 1.22 0.00	27.13 1.25 0.00	31.14 1.60 0.00	33.17 1.69 0.00	31.37 1.60 -0.06	31.79 1.41 0.00	30.24 1.29 0.00	23.42 0.90 0.00	24.57 0.86 0.00
FALCON___SEABRD_CC1 323796	20.03 0.38 0.00	16.26 0.31 0.00	13.59 0.28 0.00	13.86 0.31 0.00	12.16 0.31 0.00	12.92 0.40 0.00	14.59 0.51 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.62 0.88 0.00	24.57 1.08 0.00	23.32 0.90 0.00	27.31 0.90 0.00	27.53 0.62 0.00	27.35 0.79 0.00	27.50 0.88 0.00	26.60 0.71 0.00	30.58 1.05 0.00	32.83 1.36 0.00	30.97 1.26 0.00	31.56 1.17 0.00	29.95 1.00 0.00	22.97 0.46 0.00	23.82 0.11 0.00
FALCON___SEABRD_CC2 323797	20.03 0.38 0.00	16.26 0.31 0.00	13.59 0.28 0.00	13.86 0.31 0.00	12.16 0.31 0.00	12.92 0.40 0.00	14.59 0.51 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.62 0.88 0.00	24.57 1.08 0.00	23.32 0.90 0.00	27.31 0.90 0.00	27.53 0.62 0.00	27.35 0.79 0.00	27.50 0.88 0.00	26.60 0.71 0.00	30.58 1.05 0.00	32.83 1.36 0.00	30.97 1.26 0.00	31.56 1.17 0.00	29.95 1.00 0.00	22.97 0.46 0.00	23.82 0.11 0.00
FAR ROCKAWAY___4 23548	21.09 1.43 0.00	17.05 1.10 0.00	14.22 0.90 0.00	14.46 0.91 0.00	12.61 0.77 0.00	13.34 0.81 0.00	15.05 0.96 0.00	14.40 0.95 0.00	19.52 1.40 0.00	21.24 1.50 0.00	25.46 1.98 0.00	25.73 1.98 -1.34	28.71 2.30 0.00	29.28 2.37 0.00	28.85 2.30 0.00	28.83 2.22 0.00	28.17 2.29 0.00	32.33 2.79 0.00	34.33 2.85 0.00	32.53 2.76 -0.06	32.84 2.45 0.00	31.27 2.32 0.00	24.28 1.76 0.00	25.32 1.62 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.74 1.09 0.00	16.78 0.83 0.00	13.99 0.67 0.00	14.23 0.69 0.00	12.41 0.58 0.00	13.13 0.61 0.00	14.81 0.72 0.00	14.15 0.70 0.00	19.12 0.99 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.78 1.36 0.00	27.99 1.58 0.00	28.51 1.61 0.00	28.10 1.54 0.00	28.09 1.48 0.00	27.42 1.54 0.00	31.46 1.92 0.00	33.48 2.00 0.00	31.67 1.90 -0.06	32.06 1.68 0.00	30.52 1.56 0.00	23.70 1.18 0.00	24.87 1.16 0.00

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.75 1.10 0.00	16.79 0.84 0.00	13.99 0.68 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.61 0.00	14.81 0.73 0.00	14.15 0.70 0.00	19.12 1.00 0.00	20.84 1.10 0.00	24.87 1.39 0.00	23.80 1.38 0.00	28.01 1.60 0.00	28.53 1.62 0.00	28.12 1.56 0.00	28.11 1.50 0.00	27.44 1.56 0.00	31.48 1.95 0.00	33.50 2.03 0.00	31.71 1.93 -0.06	32.09 1.70 0.00	30.53 1.58 0.00	23.71 1.20 0.00	24.88 1.17 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.73 1.08 0.00	16.78 0.82 0.00	13.98 0.67 0.00	14.23 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.81 0.72 0.00	14.14 0.69 0.00	19.11 0.98 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.78 1.36 0.00	27.99 1.58 0.00	28.50 1.60 0.00	28.09 1.54 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.47 1.99 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.50 1.54 0.00	23.69 1.17 0.00	24.85 1.15 0.00
FARRAGUT___LBMP 323566	20.72 1.07 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.75 1.34 0.00	27.96 1.55 0.00	28.48 1.58 0.00	28.07 1.52 0.00	28.07 1.45 0.00	27.39 1.51 0.00	31.43 1.89 0.00	33.45 1.97 0.00	31.65 1.87 -0.06	32.04 1.64 0.00	30.49 1.53 0.00	23.67 1.16 0.00	24.84 1.14 0.00
FENNER___WINDPWR 24204	19.79 0.14 0.00	16.04 0.09 0.00	13.37 0.05 0.00	13.62 0.07 0.00	11.90 0.06 0.00	12.58 0.06 0.00	14.17 0.08 0.00	13.55 0.10 0.00	18.27 0.15 0.00	19.88 0.14 0.00	23.64 0.16 0.00	22.53 0.11 0.00	26.64 0.22 0.00	27.16 0.25 0.00	26.81 0.25 0.00	26.89 0.28 0.00	26.19 0.31 0.00	30.03 0.49 0.00	32.07 0.60 0.00	30.28 0.57 -0.01	30.91 0.52 0.00	29.38 0.43 0.00	22.82 0.30 0.00	24.04 0.34 0.00
FIBERTEK___ENERGY 23856	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
FITZPATRICK____ 23598	19.18 -0.47 0.00	15.57 -0.38 0.00	12.99 -0.32 0.00	13.22 -0.33 0.00	11.56 -0.28 0.00	12.23 -0.30 0.00	13.75 -0.34 0.00	13.13 -0.32 0.00	17.68 -0.44 0.00	19.19 -0.55 0.00	22.80 -0.69 0.00	21.76 -0.65 0.00	25.68 -0.73 0.00	26.16 -0.75 0.00	25.83 -0.73 0.00	25.89 -0.73 0.00	25.17 -0.71 0.00	28.79 -0.75 0.00	30.69 -0.79 0.00	28.97 -0.75 0.00	29.63 -0.76 0.00	28.18 -0.77 0.00	21.93 -0.59 0.00	23.18 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	21.08 1.43 0.00	17.05 1.09 0.00	14.23 0.92 0.00	14.47 0.93 0.00	12.62 0.78 0.00	13.34 0.82 0.00	15.09 1.00 0.00	14.44 0.99 0.00	19.58 1.46 0.00	21.33 1.59 0.00	25.57 2.09 0.00	25.89 2.14 -1.34	28.87 2.46 0.00	29.50 2.59 0.00	29.11 2.55 0.00	29.05 2.44 0.00	28.40 2.52 0.00	32.62 3.09 0.00	34.62 3.14 0.00	32.82 3.05 -0.06	33.05 2.66 0.00	31.41 2.46 0.00	24.45 1.93 0.00	25.37 1.67 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.69 1.04 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.77 1.36 0.00	28.03 1.62 0.00	28.59 1.68 0.00	28.17 1.61 0.00	28.19 1.58 0.00	27.50 1.61 0.00	31.56 2.02 0.00	33.61 2.14 0.00	31.79 2.02 -0.06	32.21 1.83 0.00	30.62 1.66 0.00	23.70 1.18 0.00	24.85 1.15 0.00
FORT ORANGE____ 23900	19.96 0.31 0.00	16.22 0.26 0.00	13.54 0.23 0.00	13.78 0.23 0.00	12.08 0.25 0.00	12.72 0.20 0.00	14.30 0.21 0.00	13.66 0.21 0.00	18.42 0.30 0.00	20.07 0.33 0.00	23.96 0.47 0.00	22.88 0.46 0.00	27.01 0.60 0.00	27.60 0.69 0.00	27.16 0.60 0.00	27.25 0.63 0.00	26.51 0.63 0.00	30.43 0.90 0.00	32.44 0.97 0.00	30.67 0.88 -0.08	31.13 0.74 0.00	29.62 0.67 0.00	22.86 0.35 0.00	24.03 0.32 0.00
FORT_DRUM_COGEN 23780	19.98 0.33 0.00	16.26 0.31 0.00	13.66 0.35 0.00	13.92 0.37 0.00	12.14 0.30 0.00	12.86 0.34 0.00	14.56 0.47 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.21 0.47 0.00	24.09 0.61 0.00	22.81 0.39 0.00	26.88 0.47 0.00	27.28 0.37 0.00	26.90 0.35 0.00	26.95 0.34 0.00	26.18 0.30 0.00	30.63 1.09 0.00	32.83 1.35 0.00	31.05 1.33 0.00	31.76 1.37 0.00	30.16 1.21 0.00	23.36 0.85 0.00	24.58 0.88 0.00
FPL_FAR_ROCK_GT1 24212	21.09 1.43 0.00	17.05 1.10 0.00	14.22 0.90 0.00	14.46 0.91 0.00	12.61 0.78 0.00	13.34 0.81 0.00	15.05 0.96 0.00	14.40 0.95 0.00	19.52 1.40 0.00	21.24 1.50 0.00	25.47 1.98 0.00	25.74 1.98 -1.34	28.71 2.30 0.00	29.28 2.37 0.00	28.85 2.29 0.00	28.83 2.22 0.00	28.17 2.29 0.00	32.33 2.79 0.00	34.32 2.85 0.00	32.53 2.76 -0.06	32.84 2.45 0.00	31.27 2.32 0.00	24.28 1.76 0.00	25.32 1.62 0.00
FPL_FAR_ROCK_GT2 23815	21.09 1.43 0.00	17.05 1.10 0.00	14.22 0.90 0.00	14.46 0.91 0.00	12.61 0.78 0.00	13.34 0.81 0.00	15.05 0.96 0.00	14.40 0.95 0.00	19.52 1.40 0.00	21.24 1.50 0.00	25.47 1.98 0.00	25.74 1.98 -1.34	28.71 2.30 0.00	29.28 2.37 0.00	28.85 2.29 0.00	28.83 2.22 0.00	28.17 2.29 0.00	32.33 2.79 0.00	34.32 2.85 0.00	32.53 2.76 -0.06	32.84 2.45 0.00	31.27 2.32 0.00	24.28 1.76 0.00	25.32 1.62 0.00
FRANKLIN_FALL_HYD 24054	19.96 0.31 0.00	16.19 0.24 0.00	13.53 0.22 0.00	13.79 0.24 0.00	12.09 0.25 0.00	12.84 0.31 0.00	14.50 0.41 0.00	13.81 0.36 0.00	18.64 0.52 0.00	20.46 0.73 0.00	24.27 0.79 0.00	23.04 0.62 0.00	27.00 0.59 0.00	27.29 0.38 0.00	27.03 0.48 0.00	27.12 0.51 0.00	26.33 0.45 0.00	30.17 0.63 0.00	32.34 0.86 0.00	30.55 0.84 0.00	31.25 0.86 0.00	29.75 0.80 0.00	22.90 0.39 0.00	23.80 0.10 0.00
FREEPORT_EQUS_GT1 23764	20.96 1.31 0.00	16.94 0.98 0.00	14.13 0.81 0.00	14.37 0.82 0.00	12.54 0.70 0.00	13.25 0.73 0.00	14.97 0.88 0.00	14.31 0.86 0.00	19.41 1.29 0.00	21.12 1.38 0.00	25.31 1.82 0.00	25.60 1.84 -1.34	28.52 2.11 0.00	29.11 2.20 0.00	28.69 2.13 0.00	28.63 2.02 0.00	27.99 2.11 0.00	32.13 2.58 0.00	34.10 2.62 0.00	32.34 2.56 -0.06	32.64 2.25 0.00	31.06 2.11 0.00	24.15 1.64 0.00	25.16 1.46 0.00
FREEPORT___CT2 23818	20.96 1.31 0.00	16.94 0.98 0.00	14.13 0.81 0.00	14.37 0.82 0.00	12.54 0.70 0.00	13.25 0.73 0.00	14.97 0.88 0.00	14.31 0.86 0.00	19.41 1.29 0.00	21.12 1.38 0.00	25.31 1.82 0.00	25.60 1.84 -1.34	28.52 2.11 0.00	29.11 2.20 0.00	28.69 2.13 0.00	28.63 2.02 0.00	27.99 2.11 0.00	32.13 2.58 0.00	34.10 2.62 0.00	32.34 2.56 -0.06	32.64 2.25 0.00	31.06 2.11 0.00	24.15 1.64 0.00	25.16 1.46 0.00



FRESHKLS_33_KV_LOAD 356253	20.75 1.10 0.00	16.81 0.86 0.00	14.02 0.71 0.00	14.27 0.72 0.00	12.43 0.59 0.00	13.13 0.61 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.80 1.06 0.00	24.78 1.29 0.00	23.77 1.36 0.00	27.84 1.43 0.00	28.04 1.48 0.35	27.21 1.44 0.79	26.80 1.35 1.16	26.82 1.45 0.51	30.27 1.73 0.99	33.27 1.79 0.00	31.50 1.73 -0.06	31.87 1.48 0.00	30.36 1.41 0.00	23.76 1.24 0.00	24.95 1.24 0.00
FULTON COGEN____ 23766	19.87 0.22 0.00	16.11 0.16 0.00	13.46 0.15 0.00	13.69 0.14 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.25 0.16 0.00	13.63 0.18 0.00	18.36 0.23 0.00	19.93 0.19 0.00	23.69 0.21 0.00	22.62 0.20 0.00	26.70 0.28 0.00	27.18 0.27 0.00	26.84 0.29 0.00	26.88 0.27 0.00	26.18 0.30 0.00	30.05 0.51 0.00	32.07 0.60 0.00	30.29 0.58 -0.01	30.95 0.56 0.00	29.38 0.43 0.00	22.83 0.31 0.00	24.10 0.40 0.00
FULTON____LFGE 323630	21.55 1.90 0.00	17.45 1.50 0.00	14.52 1.21 0.00	14.78 1.23 0.00	12.91 1.07 0.00	13.72 1.20 0.00	15.47 1.38 0.00	14.78 1.33 0.00	20.02 1.90 0.00	21.63 1.90 0.00	25.70 2.21 0.00	24.55 2.14 0.00	28.82 2.41 0.00	29.44 2.53 0.00	29.22 2.66 0.00	29.44 2.82 0.00	28.80 2.92 0.00	33.08 3.54 0.00	35.28 3.80 0.00	33.44 3.65 -0.08	34.00 3.61 0.00	32.16 3.21 0.00	24.95 2.43 0.00	26.16 2.45 0.00
G.F.CEMENT____DRP 24184	20.93 1.28 0.00	16.99 1.04 0.00	14.20 0.88 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.35 0.83 0.00	15.07 0.97 0.00	14.39 0.94 0.00	19.42 1.30 0.00	21.19 1.46 0.00	25.33 1.84 0.00	24.16 1.74 0.00	28.37 1.96 0.00	28.98 2.07 0.00	28.47 1.92 0.00	28.51 1.89 0.00	27.89 2.01 0.00	32.08 2.54 0.00	34.44 2.96 0.00	32.53 2.73 -0.08	32.96 2.57 0.00	31.24 2.29 0.00	23.99 1.47 0.00	25.12 1.42 0.00
GARDENVILLE____LBMP 24039	19.72 0.06 0.00	16.04 0.08 0.00	13.41 0.10 0.00	13.62 0.07 0.00	11.94 0.10 0.00	12.64 0.11 0.00	14.10 0.01 0.00	13.42 -0.03 0.00	17.91 -0.21 0.00	19.19 -0.55 0.00	22.77 -0.71 0.00	21.75 -0.66 0.00	25.83 -0.58 0.00	26.29 -0.62 0.00	26.02 -0.53 0.00	26.04 -0.58 0.00	25.15 -0.73 0.00	28.79 -0.75 0.00	30.70 -0.78 0.00	28.99 -0.73 -0.01	29.88 -0.51 0.00	28.42 -0.53 0.00	22.36 -0.16 0.00	23.98 0.27 0.00
GARDNVLA_35_KV_LD 355827	19.81 0.16 0.00	16.10 0.15 0.00	13.47 0.16 0.00	13.68 0.13 0.00	11.99 0.15 0.00	12.69 0.17 0.00	14.16 0.08 0.00	13.48 0.03 0.00	18.00 -0.12 0.00	19.28 -0.46 0.00	22.88 -0.60 0.00	21.86 -0.55 0.00	25.96 -0.45 0.00	26.41 -0.50 0.00	26.15 -0.41 0.00	26.16 -0.45 0.00	25.28 -0.60 0.00	28.94 -0.60 0.00	30.87 -0.61 0.00	29.14 -0.58 -0.01	30.04 -0.35 0.00	28.58 -0.37 0.00	22.47 -0.05 0.00	24.09 0.38 0.00
GELCKHM__115KV_LOAD 80723	19.54 -0.11 0.00	15.86 -0.10 0.00	13.23 -0.08 0.00	13.47 -0.08 0.00	11.77 -0.07 0.00	12.45 -0.07 0.00	14.00 -0.08 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.56 -0.18 0.00	23.24 -0.24 0.00	22.20 -0.22 0.00	26.20 -0.21 0.00	26.70 -0.21 0.00	26.36 -0.19 0.00	26.42 -0.20 0.00	25.70 -0.19 0.00	29.43 -0.11 0.00	31.37 -0.11 0.00	29.62 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.65 -0.06 0.00
GENERAL____MILLS 23808	19.79 0.13 0.00	16.09 0.13 0.00	13.46 0.14 0.00	13.66 0.11 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.15 0.06 0.00	13.46 0.02 0.00	17.98 -0.14 0.00	19.25 -0.49 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.54 0.00	26.11 -0.45 0.00	26.12 -0.49 0.00	25.24 -0.64 0.00	28.89 -0.65 0.00	30.82 -0.66 0.00	29.10 -0.63 -0.01	29.98 -0.41 0.00	28.53 -0.43 0.00	22.44 -0.08 0.00	24.06 0.35 0.00
GE_PLASTICS____DRP 24183	19.99 0.34 0.00	16.23 0.28 0.00	13.55 0.24 0.00	13.79 0.24 0.00	12.08 0.24 0.00	12.73 0.21 0.00	14.32 0.23 0.00	13.67 0.22 0.00	18.43 0.31 0.00	20.08 0.34 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.58 0.67 0.00	27.15 0.59 0.00	27.22 0.60 0.00	26.49 0.61 0.00	30.38 0.84 0.00	32.37 0.90 0.00	30.61 0.82 -0.08	31.10 0.70 0.00	29.59 0.64 0.00	22.87 0.35 0.00	24.05 0.34 0.00
GILBOA____1 23756	20.12 0.47 0.00	16.32 0.37 0.00	13.62 0.30 0.00	13.87 0.32 0.00	12.11 0.27 0.00	12.80 0.27 0.00	14.40 0.31 0.00	13.76 0.30 0.00	18.55 0.43 0.00	20.20 0.46 0.00	24.09 0.60 0.00	23.01 0.59 0.00	27.14 0.73 0.00	27.69 0.78 0.00	27.28 0.73 0.00	27.33 0.72 0.00	26.61 0.73 0.00	30.51 0.97 0.00	32.45 0.97 0.00	30.69 0.91 -0.06	31.23 0.84 0.00	29.73 0.78 0.00	23.03 0.51 0.00	24.21 0.51 0.00
GILBOA____2 23757	20.12 0.47 0.00	16.32 0.37 0.00	13.62 0.30 0.00	13.87 0.32 0.00	12.11 0.27 0.00	12.80 0.27 0.00	14.40 0.31 0.00	13.76 0.30 0.00	18.55 0.43 0.00	20.20 0.46 0.00	24.09 0.60 0.00	23.01 0.59 0.00	27.14 0.73 0.00	27.69 0.78 0.00	27.28 0.73 0.00	27.33 0.72 0.00	26.61 0.73 0.00	30.51 0.97 0.00	32.45 0.97 0.00	30.69 0.91 -0.06	31.23 0.84 0.00	29.73 0.78 0.00	23.03 0.51 0.00	24.21 0.51 0.00
GILBOA____3 23758	20.12 0.47 0.00	16.32 0.37 0.00	13.62 0.30 0.00	13.87 0.32 0.00	12.11 0.27 0.00	12.80 0.27 0.00	14.40 0.31 0.00	13.76 0.30 0.00	18.55 0.43 0.00	20.20 0.46 0.00	24.09 0.60 0.00	23.01 0.59 0.00	27.14 0.73 0.00	27.69 0.78 0.00	27.28 0.73 0.00	27.33 0.72 0.00	26.61 0.73 0.00	30.51 0.97 0.00	32.45 0.97 0.00	30.69 0.91 -0.06	31.23 0.84 0.00	29.73 0.78 0.00	23.03 0.51 0.00	24.21 0.51 0.00
GILBOA____4 23759	20.12 0.47 0.00	16.32 0.37 0.00	13.62 0.30 0.00	13.87 0.32 0.00	12.11 0.27 0.00	12.80 0.27 0.00	14.40 0.31 0.00	13.76 0.30 0.00	18.55 0.43 0.00	20.20 0.46 0.00	24.09 0.60 0.00	23.01 0.59 0.00	27.14 0.73 0.00	27.69 0.78 0.00	27.28 0.73 0.00	27.33 0.72 0.00	26.61 0.73 0.00	30.51 0.97 0.00	32.45 0.97 0.00	30.69 0.91 -0.06	31.23 0.84 0.00	29.73 0.78 0.00	23.03 0.51 0.00	24.21 0.51 0.00
GILBOA____ 23599	20.12 0.47 0.00	16.32 0.37 0.00	13.62 0.30 0.00	13.87 0.32 0.00	12.11 0.27 0.00	12.80 0.27 0.00	14.40 0.31 0.00	13.76 0.30 0.00	18.55 0.43 0.00	20.20 0.46 0.00	24.09 0.60 0.00	23.01 0.59 0.00	27.14 0.73 0.00	27.69 0.78 0.00	27.28 0.73 0.00	27.33 0.72 0.00	26.61 0.73 0.00	30.51 0.97 0.00	32.45 0.97 0.00	30.69 0.91 -0.06	31.24 0.85 0.00	29.73 0.78 0.00	23.03 0.51 0.00	24.21 0.51 0.00
GINNA____ 23603	18.63 -1.02 0.00	15.13 -0.82 0.00	12.65 -0.67 0.00	12.84 -0.71 0.00	11.24 -0.60 0.00	11.91 -0.61 0.00	13.36 -0.73 0.00	12.74 -0.72 0.00	17.09 -1.02 0.00	18.46 -1.28 0.00	21.91 -1.57 0.00	20.95 -1.47 0.00	24.79 -1.62 0.00	25.25 -1.66 0.00	24.96 -1.59 0.00	25.01 -1.60 0.00	24.25 -1.63 0.00	27.78 -1.76 0.00	29.60 -1.87 0.00	27.98 -1.75 -0.01	28.65 -1.73 0.00	27.22 -1.74 0.00	21.26 -1.26 0.00	22.59 -1.11 0.00

GLEN PARK____ 23778	20.07 0.42 0.00	16.34 0.38 0.00	13.72 0.41 0.00	13.98 0.43 0.00	12.19 0.35 0.00	12.91 0.39 0.00	14.63 0.54 0.00	13.97 0.52 0.00	18.86 0.73 0.00	20.28 0.54 0.00	24.18 0.70 0.00	22.89 0.47 0.00	26.97 0.56 0.00	27.37 0.45 0.00	26.98 0.42 0.00	27.06 0.45 0.00	26.28 0.40 0.00	30.75 1.21 0.00	33.01 1.53 0.00	31.23 1.52 0.00	31.96 1.57 0.00	30.32 1.37 0.00	23.48 0.96 0.00	24.69 0.99 0.00
GLENDALE_27_KV_LOAD 356172	20.84 1.19 0.00	16.86 0.90 0.00	14.04 0.73 0.00	14.29 0.74 0.00	12.46 0.62 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.21 0.76 0.00	19.20 1.08 0.00	20.93 1.19 0.00	24.98 1.49 0.00	23.92 1.50 0.00	28.13 1.72 0.00	28.66 1.75 0.00	28.24 1.69 0.00	28.24 1.63 0.00	27.56 1.67 0.00	31.61 2.07 0.00	33.62 2.14 0.00	31.82 2.05 -0.06	32.22 1.83 0.00	30.67 1.72 0.00	23.82 1.31 0.00	24.99 1.29 0.00
GLENWOOD_IC_1_G5 23712	20.82 1.17 0.00	16.85 0.89 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.22 0.77 0.00	19.25 1.13 0.00	20.97 1.23 0.00	25.11 1.63 0.00	25.38 1.62 -1.34	28.30 1.89 0.00	28.87 1.96 0.00	28.44 1.89 0.00	28.42 1.81 0.00	27.75 1.87 0.00	31.84 2.31 0.00	33.74 2.27 0.00	31.97 2.20 -0.06	32.42 2.03 0.00	30.84 1.89 0.00	23.92 1.41 0.00	25.01 1.31 0.00
GLENWOOD_IC_2_G1 23688	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.17 0.72 0.00	19.16 1.04 0.00	20.87 1.13 0.00	24.97 1.49 0.00	25.25 1.49 -1.34	28.15 1.74 0.00	28.71 1.79 0.00	28.28 1.73 0.00	28.27 1.66 0.00	27.60 1.71 0.00	31.68 2.14 0.00	33.67 2.19 0.00	31.89 2.11 -0.06	32.26 1.87 0.00	30.69 1.74 0.00	23.80 1.28 0.00	24.90 1.20 0.00
GLENWOOD_IC_3_G1 23689	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.17 0.72 0.00	19.16 1.04 0.00	20.87 1.13 0.00	24.97 1.49 0.00	25.25 1.49 -1.34	28.15 1.74 0.00	28.71 1.79 0.00	28.28 1.73 0.00	28.27 1.66 0.00	27.60 1.71 0.00	31.68 2.14 0.00	33.67 2.19 0.00	31.89 2.11 -0.06	32.26 1.87 0.00	30.69 1.74 0.00	23.80 1.28 0.00	24.90 1.20 0.00
GLENWOOD____4 23550	20.82 1.17 0.00	16.85 0.89 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.22 0.77 0.00	19.25 1.13 0.00	20.97 1.23 0.00	25.11 1.63 0.00	25.38 1.62 -1.34	28.30 1.89 0.00	28.87 1.96 0.00	28.44 1.89 0.00	28.42 1.81 0.00	27.75 1.87 0.00	31.85 2.31 0.00	33.79 2.31 0.00	32.01 2.23 -0.06	32.42 2.03 0.00	30.84 1.89 0.00	23.92 1.41 0.00	25.01 1.31 0.00
GLENWOOD____5 23614	20.82 1.17 0.00	16.85 0.89 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.22 0.77 0.00	19.25 1.13 0.00	20.97 1.23 0.00	25.11 1.63 0.00	25.38 1.62 -1.34	28.30 1.89 0.00	28.87 1.96 0.00	28.44 1.89 0.00	28.42 1.81 0.00	27.75 1.87 0.00	31.85 2.31 0.00	33.79 2.31 0.00	32.01 2.23 -0.06	32.42 2.03 0.00	30.84 1.89 0.00	23.92 1.41 0.00	25.01 1.31 0.00
GLOBAL GREEN_PORT_GT1 23814	21.73 2.08 0.00	17.57 1.62 0.00	14.69 1.37 0.00	14.93 1.38 0.00	13.03 1.19 0.00	13.78 1.25 0.00	15.59 1.50 0.00	14.93 1.48 0.00	20.27 2.15 0.00	22.13 2.39 0.00	26.57 3.09 0.00	26.87 3.11 -1.34	29.98 3.57 0.00	30.60 3.69 0.00	30.20 3.64 0.00	30.13 3.51 0.00	29.45 3.57 0.00	33.84 4.30 0.00	35.93 4.45 0.00	34.07 4.29 -0.06	34.24 3.84 0.00	32.48 3.53 0.00	25.25 2.73 0.00	26.16 2.45 0.00
GLOBE____DSASP 323697	19.24 -0.41 0.00	15.68 -0.28 0.00	13.14 -0.17 0.00	13.31 -0.24 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.80 -0.29 0.00	13.10 -0.35 0.00	17.45 -0.67 0.00	18.63 -1.11 0.00	22.09 -1.40 0.00	21.12 -1.30 0.00	25.05 -1.35 0.00	25.51 -1.40 0.00	25.25 -1.31 0.00	25.26 -1.36 0.00	24.27 -1.61 0.00	27.69 -1.85 0.00	29.51 -1.97 0.00	27.84 -1.88 -0.01	28.71 -1.68 0.00	27.31 -1.64 0.00	21.56 -0.95 0.00	23.18 -0.52 0.00
GOETHSLN____LBMP 323567	20.62 0.96 0.00	16.69 0.74 0.00	13.90 0.59 0.00	14.14 0.60 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.73 0.64 0.00	14.07 0.62 0.00	19.00 0.87 0.00	20.70 0.96 0.00	24.70 1.22 0.00	23.64 1.22 0.00	27.82 1.41 0.00	28.33 1.43 0.00	27.92 1.37 0.00	27.92 1.31 0.00	27.24 1.36 0.00	31.24 1.70 0.00	33.24 1.76 0.00	31.47 1.70 -0.06	31.85 1.46 0.00	30.31 1.36 0.00	23.54 1.02 0.00	24.71 1.00 0.00
GOLAH____69_KV_TB 1_2 80279	19.73 0.07 0.00	16.03 0.08 0.00	13.44 0.12 0.00	13.64 0.09 0.00	11.95 0.11 0.00	12.66 0.13 0.00	14.16 0.07 0.00	13.49 0.04 0.00	18.08 -0.05 0.00	19.39 -0.35 0.00	22.96 -0.53 0.00	21.93 -0.48 0.00	25.97 -0.44 0.00	26.46 -0.45 0.00	26.17 -0.39 0.00	26.22 -0.40 0.00	25.39 -0.49 0.00	29.11 -0.43 0.00	31.04 -0.44 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.58 -0.37 0.00	22.39 -0.13 0.00	23.88 0.17 0.00
GOODYEAR_LAKE_HYD 323669	20.24 0.59 0.00	16.42 0.46 0.00	13.69 0.37 0.00	13.94 0.39 0.00	12.17 0.34 0.00	12.87 0.34 0.00	14.49 0.40 0.00	13.87 0.42 0.00	18.71 0.59 0.00	20.39 0.65 0.00	24.30 0.81 0.00	23.23 0.81 0.00	27.39 0.98 0.00	27.94 1.02 0.00	27.54 0.98 0.00	27.62 1.00 0.00	26.90 1.02 0.00	30.85 1.31 0.00	32.88 1.40 0.00	31.04 1.30 -0.03	31.60 1.21 0.00	30.01 1.06 0.00	23.26 0.74 0.00	24.45 0.74 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	19.81 0.16 0.00	16.05 0.10 0.00	13.38 0.06 0.00	13.64 0.09 0.00	11.93 0.09 0.00	12.60 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.24 0.12 0.00	19.81 0.07 0.00	23.55 0.07 0.00	22.48 0.06 0.00	26.57 0.16 0.00	27.02 0.12 0.00	26.70 0.15 0.00	26.74 0.13 0.00	26.07 0.19 0.00	29.82 0.28 0.00	31.84 0.36 0.00	30.04 0.31 -0.02	30.71 0.32 0.00	29.17 0.22 0.00	22.71 0.19 0.00	23.97 0.26 0.00
GOUDEY____7 23579	19.82 0.17 0.00	16.06 0.10 0.00	13.38 0.07 0.00	13.65 0.10 0.00	11.93 0.10 0.00	12.60 0.08 0.00	14.18 0.09 0.00	13.57 0.12 0.00	18.26 0.14 0.00	19.82 0.08 0.00	23.57 0.08 0.00	22.50 0.08 0.00	26.59 0.18 0.00	27.05 0.14 0.00	26.72 0.17 0.00	26.77 0.15 0.00	26.10 0.22 0.00	29.85 0.31 0.00	31.87 0.39 0.00	30.07 0.33 -0.02	30.74 0.35 0.00	29.19 0.24 0.00	22.73 0.21 0.00	23.99 0.28 0.00
GOUDEY____8 23580	19.81 0.16 0.00	16.05 0.10 0.00	13.38 0.06 0.00	13.64 0.09 0.00	11.93 0.09 0.00	12.60 0.07 0.00	14.17 0.08 0.00	13.56 0.11 0.00	18.24 0.12 0.00	19.81 0.07 0.00	23.55 0.07 0.00	22.48 0.06 0.00	26.57 0.16 0.00	27.02 0.12 0.00	26.70 0.15 0.00	26.74 0.13 0.00	26.07 0.19 0.00	29.82 0.28 0.00	31.84 0.36 0.00	30.04 0.31 -0.02	30.71 0.32 0.00	29.17 0.22 0.00	22.71 0.19 0.00	23.97 0.26 0.00

GOWANUS_GT1_1 24077	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_2 24078	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_3 24079	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_4 24080	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_5 24084	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_6 24111	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_7 24112	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT1_8 24113	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT2_1 24114	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_2 24115	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_3 24116	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_4 24117	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_5 24118	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_6 24119	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
GOWANUS_GT2_7 24120	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00



GOWANUS_GT4_7 24136	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GOWANUS_GT4_8 24137	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GREENBSH_115KV_TB3 55895	19.87 0.22 0.00	16.14 0.19 0.00	13.48 0.16 0.00	13.71 0.17 0.00	12.03 0.19 0.00	12.66 0.14 0.00	14.23 0.14 0.00	13.59 0.14 0.00	18.32 0.20 0.00	19.96 0.22 0.00	23.82 0.34 0.00	22.76 0.34 0.00	26.85 0.44 0.00	27.43 0.52 0.00	27.00 0.45 0.00	27.09 0.47 0.00	26.34 0.46 0.00	30.23 0.69 0.00	32.23 0.75 0.00	30.46 0.67 -0.08	30.93 0.54 0.00	29.43 0.48 0.00	22.73 0.21 0.00	23.90 0.20 0.00
GREENDGE_115KV_TB5 80291	19.69 0.04 0.00	15.99 0.04 0.00	13.30 -0.01 0.00	13.54 0.00 0.00	11.87 0.03 0.00	12.49 -0.03 0.00	14.04 -0.05 0.00	13.46 0.01 0.00	18.11 -0.02 0.00	19.62 -0.12 0.00	23.35 -0.13 0.00	22.30 -0.12 0.00	26.33 -0.08 0.00	26.81 -0.10 0.00	26.54 -0.01 0.00	26.55 -0.06 0.00	25.86 -0.03 0.00	29.45 -0.09 0.00	31.47 -0.01 0.00	29.75 0.02 -0.01	30.48 0.09 0.00	28.89 -0.06 0.00	22.69 0.17 0.00	24.01 0.31 0.00
GREENIDGE___3 23582	19.69 0.04 0.00	15.99 0.04 0.00	13.30 -0.01 0.00	13.54 0.00 0.00	11.87 0.03 0.00	12.49 -0.03 0.00	14.04 -0.05 0.00	13.46 0.01 0.00	18.11 -0.02 0.00	19.62 -0.12 0.00	23.35 -0.13 0.00	22.30 -0.12 0.00	26.33 -0.08 0.00	26.81 -0.10 0.00	26.54 -0.01 0.00	26.55 -0.06 0.00	25.86 -0.03 0.00	29.45 -0.09 0.00	31.47 -0.01 0.00	29.75 0.02 -0.01	30.48 0.09 0.00	28.89 -0.06 0.00	22.69 0.17 0.00	24.01 0.31 0.00
GREENIDGE___4 23583	19.69 0.04 0.00	15.99 0.04 0.00	13.30 -0.01 0.00	13.54 0.00 0.00	11.87 0.03 0.00	12.49 -0.03 0.00	14.04 -0.05 0.00	13.46 0.01 0.00	18.11 -0.01 0.00	19.62 -0.12 0.00	23.35 -0.13 0.00	22.30 -0.12 0.00	26.33 -0.08 0.00	26.81 -0.10 0.00	26.54 -0.02 0.00	26.55 -0.06 0.00	25.86 -0.03 0.00	29.46 -0.08 0.00	31.47 -0.01 0.00	29.75 0.02 -0.01	30.48 0.09 0.00	28.89 -0.06 0.00	22.69 0.17 0.00	24.02 0.31 0.00
GREENLWN_69_KV_BK 3 55738	20.75 1.10 0.00	16.78 0.82 0.00	14.01 0.70 0.00	14.24 0.69 0.00	12.43 0.59 0.00	13.13 0.61 0.00	14.84 0.75 0.00	14.19 0.74 0.00	19.25 1.13 0.00	20.94 1.21 0.00	25.11 1.62 0.00	25.42 1.67 -1.34	28.32 1.91 0.00	28.93 2.02 0.00	28.51 1.96 0.00	28.46 1.85 0.00	27.81 1.93 0.00	31.94 2.40 0.00	33.89 2.41 0.00	32.13 2.35 -0.06	32.39 2.00 0.00	30.81 1.86 0.00	23.99 1.48 0.00	24.94 1.24 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00
GRISSOM___SOLAR 323813	21.55 1.90 0.00	17.45 1.50 0.00	14.52 1.21 0.00	14.78 1.23 0.00	12.91 1.07 0.00	13.72 1.20 0.00	15.47 1.38 0.00	14.78 1.33 0.00	20.02 1.90 0.00	21.63 1.90 0.00	25.70 2.21 0.00	24.55 2.14 0.00	28.82 2.41 0.00	29.44 2.53 0.00	29.22 2.66 0.00	29.44 2.82 0.00	28.80 2.92 0.00	33.08 3.54 0.00	35.28 3.80 0.00	33.44 3.65 -0.08	34.00 3.61 0.00	32.16 3.21 0.00	24.95 2.43 0.00	26.16 2.45 0.00
GROVEVILLE___HYD 323602	20.69 1.04 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.82 1.08 0.00	24.85 1.37 0.00	23.77 1.36 0.00	28.03 1.62 0.00	28.59 1.68 0.00	28.17 1.61 0.00	28.19 1.58 0.00	27.50 1.61 0.00	31.56 2.02 0.00	33.61 2.14 0.00	31.79 2.02 -0.06	32.21 1.83 0.00	30.62 1.66 0.00	23.70 1.18 0.00	24.85 1.15 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
HAMLTNNY_34_KV_TB 80303	19.64 -0.02 0.00	15.94 -0.02 0.00	13.28 -0.03 0.00	13.52 -0.02 0.00	11.82 -0.01 0.00	12.51 -0.01 0.00	14.06 -0.02 0.00	13.45 0.00 0.00	18.12 0.00 0.00	19.66 -0.08 0.00	23.37 -0.11 0.00	22.30 -0.12 0.00	26.38 -0.03 0.00	26.86 -0.05 0.00	26.52 -0.04 0.00	26.59 -0.03 0.00	25.84 -0.04 0.00	29.63 0.09 0.00	31.55 0.07 0.00	29.83 0.11 -0.01	30.49 0.10 0.00	28.95 0.00 0.00	22.49 -0.03 0.00	23.77 0.07 0.00
HAMPSHIRE___PAPER_HYD 323593	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.18 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
HARDSCRABBLE_WT_PWR 323673	19.22 -0.43 0.00	15.59 -0.36 0.00	13.02 -0.30 0.00	13.29 -0.25 0.00	11.66 -0.17 0.00	12.39 -0.13 0.00	13.89 -0.20 0.00	13.28 -0.17 0.00	17.96 -0.16 0.00	19.52 -0.22 0.00	23.23 -0.26 0.00	22.24 -0.18 0.00	26.19 -0.22 0.00	26.78 -0.13 0.00	26.50 -0.05 0.00	26.56 -0.05 0.00	25.90 0.02 0.00	29.67 0.13 0.00	31.76 0.28 0.00	29.98 0.27 0.00	30.46 0.07 0.00	28.85 -0.10 0.00	22.30 -0.22 0.00	23.32 -0.39 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	20.60 0.95 0.00	16.68 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.71 0.62 0.00	14.07 0.62 0.00	19.00 0.87 0.00	20.71 0.97 0.00	24.72 1.24 0.00	23.66 1.24 0.00	27.90 1.49 0.00	28.46 1.55 0.00	28.05 1.49 0.00	28.07 1.46 0.00	27.36 1.47 0.00	31.42 1.88 0.00	33.44 1.96 0.00	31.63 1.86 -0.06	32.04 1.65 0.00	30.46 1.51 0.00	23.60 1.08 0.00	24.75 1.05 0.00

HARSNRAD_115KV_TB1 81005	19.43 -0.22 0.00	15.82 -0.13 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.81 -0.03 0.00	12.53 0.00 0.00	13.92 -0.16 0.00	13.22 -0.23 0.00	17.63 -0.49 0.00	18.84 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.06 0.00	25.81 -1.10 0.00	25.55 -1.01 0.00	25.56 -1.05 0.00	24.65 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.38 0.00	28.42 -1.30 -0.01	29.29 -1.10 0.00	27.86 -1.10 0.00	21.96 -0.56 0.00	23.62 -0.08 0.00
HARZA MOOSE__RIVER 24016	19.82 0.17 0.00	16.09 0.14 0.00	13.48 0.16 0.00	13.71 0.16 0.00	11.97 0.13 0.00	12.68 0.16 0.00	14.31 0.22 0.00	13.69 0.24 0.00	18.46 0.34 0.00	20.09 0.35 0.00	23.87 0.38 0.00	22.66 0.25 0.00	26.73 0.32 0.00	27.22 0.31 0.00	26.88 0.33 0.00	26.86 0.25 0.00	26.18 0.30 0.00	30.18 0.64 0.00	32.20 0.72 0.00	30.40 0.69 0.00	31.08 0.69 0.00	29.57 0.62 0.00	22.96 0.44 0.00	24.15 0.44 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	19.52 -0.13 0.00	15.84 -0.12 0.00	13.22 -0.10 0.00	13.44 -0.10 0.00	11.76 -0.08 0.00	12.43 -0.09 0.00	13.98 -0.11 0.00	13.36 -0.09 0.00	17.99 -0.13 0.00	19.52 -0.22 0.00	23.20 -0.28 0.00	22.16 -0.26 0.00	26.16 -0.25 0.00	26.66 -0.25 0.00	26.32 -0.24 0.00	26.38 -0.23 0.00	25.67 -0.22 0.00	29.37 -0.17 0.00	31.32 -0.16 0.00	29.56 -0.15 -0.01	30.22 -0.17 0.00	28.72 -0.23 0.00	22.34 -0.17 0.00	23.61 -0.09 0.00
HELLGATE_13_KV_LD 55870	20.77 1.12 0.00	16.81 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.62 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.15 1.03 0.00	20.86 1.12 0.00	24.90 1.42 0.00	23.84 1.42 0.00	28.03 1.62 0.00	28.57 1.66 0.00	28.15 1.60 0.00	28.15 1.54 0.00	27.48 1.60 0.00	31.50 1.97 0.00	33.52 2.04 0.00	31.71 1.94 -0.06	32.11 1.72 0.00	30.57 1.62 0.00	23.75 1.23 0.00	24.91 1.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.77 1.12 0.00	16.81 0.85 0.00	14.01 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.15 0.62 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.15 1.03 0.00	20.86 1.12 0.00	24.90 1.42 0.00	23.84 1.42 0.00	28.03 1.62 0.00	28.57 1.66 0.00	28.15 1.60 0.00	28.15 1.54 0.00	27.48 1.60 0.00	31.50 1.97 0.00	33.52 2.04 0.00	31.71 1.94 -0.06	32.11 1.72 0.00	30.57 1.62 0.00	23.75 1.23 0.00	24.91 1.21 0.00
HEMPSTEAD____ 23647	20.79 1.14 0.00	16.82 0.86 0.00	14.02 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.21 0.76 0.00	19.26 1.14 0.00	20.96 1.22 0.00	25.10 1.61 0.00	25.38 1.63 -1.34	28.29 1.87 0.00	28.86 1.95 0.00	28.45 1.89 0.00	28.40 1.79 0.00	27.74 1.86 0.00	31.85 2.31 0.00	33.80 2.32 0.00	32.04 2.27 -0.06	32.37 1.98 0.00	30.80 1.85 0.00	23.96 1.44 0.00	24.99 1.28 0.00
HEWLETT__69_KV_BK3 55828	21.00 1.35 0.00	16.99 1.04 0.00	14.17 0.85 0.00	14.40 0.85 0.00	12.57 0.73 0.00	13.29 0.77 0.00	15.00 0.91 0.00	14.34 0.89 0.00	19.44 1.32 0.00	21.16 1.42 0.00	25.36 1.88 0.00	25.63 1.88 -1.34	28.58 2.16 0.00	29.15 2.24 0.00	28.72 2.17 0.00	28.70 2.09 0.00	28.04 2.16 0.00	32.18 2.64 0.00	34.17 2.69 0.00	32.38 2.61 -0.06	32.70 2.31 0.00	31.13 2.18 0.00	24.18 1.66 0.00	25.22 1.51 0.00
HICKLING__1 23621	19.78 0.13 0.00	16.03 0.07 0.00	13.33 0.02 0.00	13.60 0.05 0.00	11.91 0.07 0.00	12.52 0.00 0.00	14.05 -0.04 0.00	13.49 0.03 0.00	18.13 0.00 0.00	19.65 -0.09 0.00	23.40 -0.08 0.00	22.31 -0.10 0.00	26.42 0.01 0.00	26.86 -0.05 0.00	26.60 0.04 0.00	26.63 0.02 0.00	25.99 0.10 0.00	29.65 0.11 0.00	31.71 0.24 0.00	29.91 0.18 -0.02	30.70 0.31 0.00	29.12 0.17 0.00	22.77 0.25 0.00	24.09 0.38 0.00
HICKLING__2 23622	19.78 0.13 0.00	16.03 0.07 0.00	13.33 0.02 0.00	13.60 0.05 0.00	11.91 0.07 0.00	12.52 0.00 0.00	14.05 -0.04 0.00	13.49 0.03 0.00	18.13 0.00 0.00	19.65 -0.09 0.00	23.40 -0.08 0.00	22.31 -0.10 0.00	26.42 0.01 0.00	26.86 -0.05 0.00	26.60 0.04 0.00	26.63 0.02 0.00	25.99 0.10 0.00	29.65 0.11 0.00	31.71 0.24 0.00	29.91 0.18 -0.02	30.70 0.31 0.00	29.12 0.17 0.00	22.77 0.25 0.00	24.09 0.38 0.00
HIGH FALLS__HY 23754	20.66 1.01 0.00	16.72 0.77 0.00	13.93 0.61 0.00	14.17 0.62 0.00	12.34 0.51 0.00	13.08 0.55 0.00	14.75 0.67 0.00	14.12 0.66 0.00	19.08 0.96 0.00	20.79 1.06 0.00	24.66 1.17 0.00	23.60 1.18 0.00	27.79 1.37 0.00	28.32 1.42 0.00	27.93 1.38 0.00	27.94 1.33 0.00	27.27 1.39 0.00	31.29 1.75 0.00	33.31 1.83 0.00	31.52 1.75 -0.06	31.93 1.54 0.00	30.36 1.41 0.00	23.70 1.18 0.00	24.83 1.12 0.00
HILLBURN__GT 23639	20.61 0.96 0.00	16.70 0.74 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.70 0.61 0.00	14.06 0.61 0.00	19.00 0.87 0.00	20.70 0.97 0.00	24.71 1.23 0.00	23.64 1.23 0.00	27.88 1.47 0.00	28.43 1.52 0.00	28.02 1.47 0.00	28.05 1.43 0.00	27.33 1.45 0.00	31.40 1.86 0.00	33.43 1.95 0.00	31.62 1.85 -0.06	32.02 1.63 0.00	30.45 1.50 0.00	23.60 1.09 0.00	24.76 1.05 0.00
HILLSIDE_115KV_TB1 80332	19.57 -0.08 0.00	15.84 -0.12 0.00	13.18 -0.13 0.00	13.47 -0.08 0.00	11.79 -0.05 0.00	12.42 -0.11 0.00	13.95 -0.14 0.00	13.37 -0.08 0.00	17.97 -0.16 0.00	19.47 -0.27 0.00	23.17 -0.31 0.00	22.09 -0.33 0.00	26.16 -0.25 0.00	26.56 -0.35 0.00	26.30 -0.25 0.00	26.31 -0.30 0.00	25.69 -0.19 0.00	29.32 -0.22 0.00	31.36 -0.11 0.00	29.58 -0.15 -0.02	30.33 -0.06 0.00	28.77 -0.18 0.00	22.48 -0.03 0.00	23.76 0.06 0.00
HISHELDN_WT_PWR 323625	19.49 -0.15 0.00	15.86 -0.10 0.00	13.25 -0.06 0.00	13.48 -0.07 0.00	11.82 -0.02 0.00	12.43 -0.10 0.00	13.89 -0.20 0.00	13.26 -0.18 0.00	17.73 -0.39 0.00	19.04 -0.69 0.00	22.65 -0.83 0.00	21.61 -0.81 0.00	25.64 -0.77 0.00	26.12 -0.78 0.00	25.89 -0.66 0.00	25.94 -0.68 0.00	25.10 -0.78 0.00	28.68 -0.86 0.00	30.61 -0.87 0.00	28.89 -0.83 -0.01	29.80 -0.59 0.00	28.35 -0.60 0.00	22.24 -0.27 0.00	23.77 0.07 0.00
HOLTSVILLE_IC_1 23690	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
HOLTSVILLE_IC_10 23699	21.14 1.49 0.00	17.10 1.14 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.87 0.00	15.14 1.05 0.00	14.49 1.04 0.00	19.64 1.52 0.00	21.40 1.66 0.00	25.65 2.17 0.00	25.96 2.21 -1.34	28.95 2.54 0.00	29.57 2.66 0.00	29.19 2.63 0.00	29.12 2.51 0.00	28.47 2.59 0.00	32.71 3.17 0.00	34.71 3.23 0.00	32.92 3.14 -0.06	33.13 2.74 0.00	31.50 2.55 0.00	24.52 2.01 0.00	25.45 1.74 0.00

HOLTSVILLE_IC_2 23691	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
HOLTSVILLE_IC_3 23692	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
HOLTSVILLE_IC_4 23693	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
HOLTSVILLE_IC_5 23694	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
HOLTSVILLE_IC_6 23695	21.14 1.49 0.00	17.10 1.14 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.87 0.00	15.14 1.05 0.00	14.49 1.04 0.00	19.64 1.52 0.00	21.40 1.66 0.00	25.65 2.17 0.00	25.96 2.21 -1.34	28.95 2.54 0.00	29.57 2.66 0.00	29.19 2.63 0.00	29.12 2.51 0.00	28.47 2.59 0.00	32.71 3.17 0.00	34.71 3.23 0.00	32.92 3.14 -0.06	33.13 2.74 0.00	31.50 2.55 0.00	24.52 2.01 0.00	25.45 1.74 0.00
HOLTSVILLE_IC_7 23696	21.14 1.49 0.00	17.10 1.14 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.87 0.00	15.14 1.05 0.00	14.49 1.04 0.00	19.64 1.52 0.00	21.40 1.66 0.00	25.65 2.17 0.00	25.96 2.21 -1.34	28.95 2.54 0.00	29.57 2.66 0.00	29.19 2.63 0.00	29.12 2.51 0.00	28.47 2.59 0.00	32.71 3.17 0.00	34.71 3.23 0.00	32.92 3.14 -0.06	33.13 2.74 0.00	31.50 2.55 0.00	24.52 2.01 0.00	25.45 1.74 0.00
HOLTSVILLE_IC_8 23697	21.14 1.49 0.00	17.10 1.14 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.87 0.00	15.14 1.05 0.00	14.49 1.04 0.00	19.64 1.52 0.00	21.40 1.66 0.00	25.65 2.17 0.00	25.96 2.21 -1.34	28.95 2.54 0.00	29.57 2.66 0.00	29.19 2.63 0.00	29.12 2.51 0.00	28.47 2.59 0.00	32.71 3.17 0.00	34.71 3.23 0.00	32.92 3.14 -0.06	33.13 2.74 0.00	31.50 2.55 0.00	24.52 2.01 0.00	25.45 1.74 0.00
HOLTSVILLE_IC_9 23698	21.14 1.49 0.00	17.10 1.14 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.87 0.00	15.14 1.05 0.00	14.49 1.04 0.00	19.64 1.52 0.00	21.40 1.66 0.00	25.65 2.17 0.00	25.96 2.21 -1.34	28.95 2.54 0.00	29.57 2.66 0.00	29.19 2.63 0.00	29.12 2.51 0.00	28.47 2.59 0.00	32.71 3.17 0.00	34.71 3.23 0.00	32.92 3.14 -0.06	33.13 2.74 0.00	31.50 2.55 0.00	24.52 2.01 0.00	25.45 1.74 0.00
HOMER_HL_115KV_TB2 355744	20.47 0.82 0.00	16.59 0.63 0.00	13.84 0.53 0.00	14.08 0.53 0.00	12.33 0.49 0.00	13.04 0.52 0.00	14.60 0.51 0.00	13.96 0.51 0.00	18.65 0.53 0.00	19.99 0.25 0.00	23.63 0.15 0.00	22.47 0.05 0.00	26.64 0.23 0.00	27.09 0.19 0.00	26.82 0.27 0.00	26.84 0.22 0.00	26.00 0.12 0.00	29.91 0.38 0.00	31.91 0.43 0.00	30.08 0.36 -0.01	30.92 0.53 0.00	29.46 0.51 0.00	23.20 0.68 0.00	24.83 1.12 0.00
HOWARD_WT_PWR 323690	19.38 -0.27 0.00	15.99 0.04 0.00	13.14 -0.17 0.00	13.34 -0.21 0.00	11.82 -0.02 0.00	12.07 -0.45 0.00	13.55 -0.53 0.00	13.12 -0.34 0.00	17.66 -0.46 0.00	19.21 -0.53 0.00	22.91 -0.57 0.00	21.88 -0.54 0.00	25.99 -0.42 0.00	26.50 -0.41 0.00	26.36 -0.20 0.00	26.49 -0.12 0.00	25.72 -0.16 0.00	29.38 -0.15 0.00	31.32 -0.15 0.00	29.58 -0.14 -0.01	30.69 0.30 0.00	29.07 0.12 0.00	22.84 0.32 0.00	24.30 0.60 0.00
HQ_GEN_CEDARS 23644	19.70 0.05 0.00	16.01 0.06 0.00	13.38 0.07 0.00	13.61 0.06 0.00	11.89 0.05 0.00	12.60 0.07 0.00	14.18 0.09 0.00	13.53 0.08 0.00	18.21 0.09 0.00	19.92 0.18 0.00	23.61 0.13 0.00	22.43 0.01 0.00	26.35 -0.06 0.00	26.77 -0.13 0.00	26.45 -0.11 0.00	26.52 -0.09 0.00	25.76 -0.12 0.00	29.27 -0.26 0.00	31.20 -0.27 0.00	29.49 -0.22 0.00	30.28 -0.11 0.00	29.00 0.05 0.00	22.64 0.12 0.00	23.74 0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	19.70 0.05 0.00	16.02 0.06 0.00	13.38 0.07 0.00	13.61 0.06 0.00	11.89 0.05 0.00	12.60 0.08 0.00	14.18 0.10 0.00	13.53 0.08 0.00	18.21 0.09 0.00	19.92 0.18 0.00	23.61 0.13 0.00	22.43 0.01 0.00	26.35 -0.06 0.00	26.78 -0.13 0.00	26.45 -0.11 0.00	26.52 -0.09 0.00	25.76 -0.12 0.00	29.27 -0.27 0.00	31.20 -0.27 0.00	29.49 -0.23 0.00	30.28 -0.11 0.00	29.00 0.05 0.00	22.64 0.12 0.00	23.74 0.04 0.00
HQ_GEN_IMPORT 323601	19.58 -0.07 0.00	15.91 -0.04 0.00	13.29 -0.03 0.00	13.51 -0.04 0.00	11.80 -0.04 0.00	12.50 -0.02 0.00	14.06 -0.02 0.00	13.41 -0.04 0.00	18.06 -0.06 0.00	19.73 -0.01 0.00	23.46 -0.02 0.00	22.36 -0.05 0.00	26.29 -0.12 0.00	25.03 -0.16 1.72	26.42 -0.13 0.00	26.49 -0.13 0.00	25.74 -0.14 0.00	29.22 -0.32 0.00	31.12 -0.35 0.00	29.39 -0.32 0.00	30.16 -0.22 0.00	28.80 -0.15 0.00	22.47 -0.05 0.00	23.61 -0.10 0.00
HQ_GEN_WHEEL 23651	19.58 -0.07 0.00	15.91 -0.04 0.00	13.29 -0.03 0.00	13.51 -0.04 0.00	11.80 -0.04 0.00	12.50 -0.02 0.00	14.06 -0.02 0.00	13.41 -0.04 0.00	18.06 -0.06 0.00	19.73 -0.01 0.00	23.46 -0.02 0.00	22.36 -0.05 0.00	26.29 -0.12 0.00	25.03 -0.16 1.72	26.42 -0.13 0.00	26.49 -0.13 0.00	25.74 -0.14 0.00	29.22 -0.32 0.00	31.12 -0.35 0.00	29.39 -0.32 0.00	30.16 -0.22 0.00	28.80 -0.15 0.00	22.47 -0.05 0.00	23.61 -0.10 0.00
HUDSON_AVE_GT_3 23810	20.76 1.11 0.00	16.80 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.13 1.01 0.00	20.85 1.11 0.00	24.89 1.41 0.00	23.82 1.40 0.00	28.04 1.62 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.47 1.58 0.00	31.50 1.96 0.00	33.52 2.05 0.00	31.73 1.95 -0.06	32.11 1.72 0.00	30.55 1.60 0.00	23.73 1.22 0.00	24.90 1.19 0.00

HUDSON AVE_GT_4 23540	20.76 1.11 0.00	16.80 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.13 1.01 0.00	20.85 1.11 0.00	24.89 1.41 0.00	23.82 1.40 0.00	28.04 1.62 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.47 1.58 0.00	31.50 1.96 0.00	33.52 2.05 0.00	31.73 1.95 -0.06	32.11 1.72 0.00	30.55 1.60 0.00	23.73 1.22 0.00	24.90 1.19 0.00
HUDSON AVE_GT_5 23657	20.76 1.11 0.00	16.80 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.13 1.01 0.00	20.85 1.11 0.00	24.89 1.41 0.00	23.82 1.40 0.00	28.04 1.62 0.00	28.56 1.65 0.00	28.14 1.58 0.00	28.14 1.53 0.00	27.47 1.58 0.00	31.50 1.96 0.00	33.52 2.05 0.00	31.73 1.95 -0.06	32.11 1.72 0.00	30.55 1.60 0.00	23.73 1.22 0.00	24.90 1.19 0.00
HUDSON_AVE_10 24168	20.66 1.01 0.00	16.72 0.77 0.00	13.94 0.62 0.00	14.18 0.63 0.00	12.38 0.54 0.00	13.09 0.56 0.00	14.76 0.67 0.00	14.10 0.65 0.00	19.04 0.92 0.00	20.77 1.03 0.00	24.78 1.30 0.01	23.71 1.30 0.00	27.92 1.51 0.00	28.45 1.54 0.00	28.02 1.47 0.00	28.02 1.41 0.00	27.34 1.46 0.00	31.38 1.84 0.00	33.39 1.92 0.00	31.60 1.83 -0.06	31.99 1.60 0.00	30.44 1.49 0.00	23.66 1.14 0.00	24.81 1.10 0.00
HUDSON___115KV_TB 4 355613	20.21 0.56 0.00	16.40 0.45 0.00	13.70 0.38 0.00	13.94 0.39 0.00	12.23 0.39 0.00	12.88 0.36 0.00	14.47 0.39 0.00	13.83 0.39 0.00	18.68 0.56 0.00	20.36 0.62 0.00	24.32 0.84 0.00	23.22 0.80 0.00	27.43 1.02 0.00	28.03 1.12 0.00	27.59 1.03 0.00	27.67 1.06 0.00	26.95 1.06 0.00	30.95 1.42 0.00	33.03 1.55 0.00	31.20 1.42 -0.08	31.66 1.27 0.00	30.09 1.13 0.00	23.18 0.67 0.00	24.35 0.64 0.00
HUNTER MOUNT___DRP 323613	20.30 0.65 0.00	16.48 0.52 0.00	13.76 0.45 0.00	14.00 0.46 0.00	12.29 0.45 0.00	12.94 0.42 0.00	14.55 0.46 0.00	13.91 0.46 0.00	18.79 0.67 0.00	20.49 0.75 0.00	24.49 1.01 0.00	23.37 0.95 0.00	27.61 1.20 0.00	28.22 1.31 0.00	27.78 1.22 0.00	27.87 1.26 0.00	27.14 1.26 0.00	31.19 1.65 0.00	33.29 1.81 0.00	31.44 1.65 -0.07	31.91 1.52 0.00	30.30 1.35 0.00	23.31 0.79 0.00	24.47 0.76 0.00
HUNTINGTON_RES_REC 323705	20.89 1.24 0.00	16.89 0.93 0.00	14.10 0.79 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.22 0.70 0.00	14.94 0.85 0.00	14.29 0.84 0.00	19.39 1.27 0.00	21.12 1.38 0.00	25.32 1.84 0.00	25.65 1.89 -1.34	28.57 2.16 0.00	29.19 2.28 0.00	28.80 2.24 0.00	28.74 2.13 0.00	28.09 2.21 0.00	32.27 2.73 0.00	34.24 2.77 0.00	32.46 2.69 -0.06	32.70 2.31 0.00	31.09 2.14 0.00	24.21 1.69 0.00	25.13 1.43 0.00
HUNTLEY___63 23557	19.67 0.01 0.00	16.00 0.05 0.00	13.41 0.09 0.00	13.60 0.05 0.00	11.93 0.09 0.00	12.64 0.12 0.00	14.09 0.00 0.00	13.38 -0.07 0.00	17.85 -0.27 0.00	19.08 -0.65 0.00	22.66 -0.82 0.00	21.67 -0.75 0.00	25.72 -0.69 0.00	26.18 -0.73 0.00	25.90 -0.65 0.00	25.92 -0.69 0.00	24.99 -0.90 0.00	28.59 -0.95 0.00	30.47 -1.01 0.00	28.76 -0.96 -0.01	29.65 -0.74 0.00	28.19 -0.76 0.00	22.21 -0.31 0.00	23.85 0.15 0.00
HUNTLEY___64 23558	19.67 0.01 0.00	16.00 0.05 0.00	13.41 0.09 0.00	13.60 0.05 0.00	11.93 0.09 0.00	12.64 0.12 0.00	14.09 0.00 0.00	13.38 -0.07 0.00	17.85 -0.27 0.00	19.08 -0.65 0.00	22.66 -0.82 0.00	21.67 -0.75 0.00	25.72 -0.69 0.00	26.18 -0.73 0.00	25.90 -0.65 0.00	25.92 -0.69 0.00	24.99 -0.90 0.00	28.59 -0.95 0.00	30.47 -1.01 0.00	28.76 -0.96 -0.01	29.65 -0.74 0.00	28.19 -0.76 0.00	22.21 -0.31 0.00	23.85 0.15 0.00
HUNTLEY___65 23559	19.67 0.01 0.00	16.00 0.05 0.00	13.41 0.09 0.00	13.60 0.05 0.00	11.93 0.09 0.00	12.64 0.12 0.00	14.09 0.00 0.00	13.38 -0.07 0.00	17.85 -0.27 0.00	19.08 -0.65 0.00	22.66 -0.82 0.00	21.67 -0.75 0.00	25.72 -0.69 0.00	26.18 -0.73 0.00	25.90 -0.65 0.00	25.92 -0.69 0.00	24.99 -0.90 0.00	28.59 -0.95 0.00	30.47 -1.01 0.00	28.76 -0.96 -0.01	29.65 -0.74 0.00	28.19 -0.76 0.00	22.21 -0.31 0.00	23.85 0.15 0.00
HUNTLEY___66 23560	19.67 0.01 0.00	16.00 0.05 0.00	13.41 0.09 0.00	13.60 0.05 0.00	11.93 0.09 0.00	12.64 0.12 0.00	14.09 0.00 0.00	13.38 -0.07 0.00	17.85 -0.27 0.00	19.08 -0.65 0.00	22.66 -0.82 0.00	21.67 -0.75 0.00	25.72 -0.69 0.00	26.18 -0.73 0.00	25.90 -0.65 0.00	25.92 -0.69 0.00	24.99 -0.90 0.00	28.59 -0.95 0.00	30.47 -1.01 0.00	28.76 -0.96 -0.01	29.65 -0.74 0.00	28.19 -0.76 0.00	22.21 -0.31 0.00	23.85 0.15 0.00
HUNTLEY___67 23561	19.51 -0.14 0.00	15.88 -0.07 0.00	13.30 -0.02 0.00	13.49 -0.06 0.00	11.83 0.00 0.00	12.54 0.01 0.00	13.98 -0.11 0.00	13.28 -0.17 0.00	17.71 -0.40 0.00	18.95 -0.79 0.00	22.48 -1.00 0.00	21.49 -0.93 0.00	25.50 -0.91 0.00	25.96 -0.95 0.00	25.69 -0.86 0.00	25.71 -0.91 0.00	24.80 -1.08 0.00	28.39 -1.14 0.00	30.27 -1.21 0.00	28.57 -1.15 -0.01	29.44 -0.94 0.00	28.02 -0.93 0.00	22.06 -0.45 0.00	23.70 -0.01 0.00
HUNTLEY___68 23562	19.51 -0.14 0.00	15.88 -0.07 0.00	13.30 -0.02 0.00	13.49 -0.06 0.00	11.83 0.00 0.00	12.54 0.01 0.00	13.98 -0.11 0.00	13.28 -0.17 0.00	17.71 -0.40 0.00	18.95 -0.79 0.00	22.48 -1.00 0.00	21.49 -0.93 0.00	25.50 -0.91 0.00	25.96 -0.95 0.00	25.69 -0.86 0.00	25.71 -0.91 0.00	24.80 -1.08 0.00	28.39 -1.14 0.00	30.27 -1.21 0.00	28.57 -1.15 -0.01	29.44 -0.94 0.00	28.02 -0.93 0.00	22.06 -0.45 0.00	23.70 -0.01 0.00
HYLAND___LFGE 323620	20.19 0.54 0.00	16.42 0.46 0.00	13.66 0.35 0.00	13.86 0.31 0.00	12.17 0.33 0.00	12.80 0.27 0.00	14.35 0.26 0.00	13.76 0.30 0.00	18.46 0.34 0.00	19.90 0.16 0.00	23.58 0.10 0.00	22.41 -0.01 0.00	26.51 0.10 0.00	26.97 0.06 0.00	26.74 0.18 0.00	26.91 0.30 0.00	26.20 0.32 0.00	30.25 0.71 0.00	32.34 0.86 0.00	30.64 0.92 -0.01	31.50 1.11 0.00	29.81 0.86 0.00	23.28 0.77 0.00	24.69 0.99 0.00
INDECK___CORINTH 23802	20.90 1.25 0.00	16.96 1.01 0.00	14.17 0.86 0.00	14.44 0.89 0.00	12.59 0.75 0.00	13.33 0.81 0.00	15.04 0.95 0.00	14.36 0.91 0.00	19.39 1.27 0.00	21.16 1.42 0.00	25.28 1.80 0.00	24.11 1.69 0.00	28.27 1.86 0.00	28.88 1.97 0.00	28.34 1.79 0.00	28.37 1.76 0.00	27.79 1.91 0.00	31.96 2.43 0.00	34.36 2.89 0.00	32.46 2.66 -0.08	32.90 2.51 0.00	31.19 2.24 0.00	23.97 1.45 0.00	25.11 1.40 0.00
INDECK___ILION 23567	19.54 -0.11 0.00	15.85 -0.11 0.00	13.23 -0.09 0.00	13.48 -0.07 0.00	11.79 -0.05 0.00	12.48 -0.04 0.00	14.03 -0.06 0.00	13.41 -0.03 0.00	18.09 -0.03 0.00	19.70 -0.03 0.00	23.47 -0.02 0.00	22.42 0.00 0.00	26.41 0.00 0.00	26.96 0.05 0.00	26.62 0.06 0.00	26.67 0.06 0.00	25.99 0.11 0.00	29.75 0.21 0.00	31.78 0.30 0.00	29.98 0.27 0.00	30.56 0.17 0.00	29.04 0.08 0.00	22.47 -0.05 0.00	23.59 -0.11 0.00



INDECK___OLEAN 23982	20.47 0.82 0.00	16.59 0.63 0.00	13.84 0.53 0.00	14.08 0.53 0.00	12.33 0.50 0.00	13.04 0.52 0.00	14.60 0.51 0.00	13.96 0.51 0.00	18.65 0.53 0.00	19.99 0.25 0.00	23.63 0.15 0.00	22.47 0.05 0.00	26.64 0.23 0.00	27.09 0.18 0.00	26.83 0.27 0.00	26.83 0.22 0.00	26.00 0.12 0.00	29.91 0.37 0.00	31.91 0.43 0.00	30.09 0.36 -0.01	30.92 0.53 0.00	29.46 0.51 0.00	23.20 0.68 0.00	24.83 1.12 0.00
INDECK___OSWEGO 23783	19.91 0.26 0.00	16.15 0.19 0.00	13.50 0.18 0.00	13.74 0.18 0.00	12.00 0.16 0.00	12.70 0.17 0.00	14.30 0.21 0.00	13.67 0.22 0.00	18.42 0.31 0.00	19.99 0.25 0.00	23.77 0.28 0.00	22.67 0.26 0.00	26.75 0.34 0.00	27.25 0.34 0.00	26.91 0.35 0.00	26.95 0.33 0.00	26.23 0.35 0.00	30.16 0.63 0.00	32.20 0.73 0.00	30.43 0.71 -0.01	31.09 0.70 0.00	29.51 0.56 0.00	22.91 0.39 0.00	24.18 0.48 0.00
INDECK___YERKES 23781	19.69 0.03 0.00	16.02 0.07 0.00	13.42 0.11 0.00	13.61 0.07 0.00	11.94 0.10 0.00	12.66 0.14 0.00	14.10 0.02 0.00	13.40 -0.05 0.00	17.87 -0.25 0.00	19.11 -0.63 0.00	22.69 -0.80 0.00	21.69 -0.72 0.00	25.75 -0.66 0.00	26.21 -0.70 0.00	25.94 -0.62 0.00	25.95 -0.67 0.00	25.01 -0.87 0.00	28.62 -0.91 0.00	30.51 -0.97 0.00	28.80 -0.92 -0.01	29.68 -0.71 0.00	28.22 -0.72 0.00	22.23 -0.29 0.00	23.88 0.17 0.00
INDIAN POINT_GT_1 24139	20.57 0.92 0.00	16.66 0.71 0.00	13.88 0.57 0.00	14.13 0.58 0.00	12.33 0.49 0.00	13.04 0.51 0.00	14.69 0.60 0.00	14.04 0.59 0.00	18.97 0.85 0.00	20.67 0.93 0.00	24.67 1.19 0.00	23.60 1.18 0.00	27.82 1.41 0.00	28.37 1.46 0.00	27.95 1.40 0.00	27.97 1.35 0.00	27.27 1.39 0.00	31.31 1.77 0.00	33.34 1.86 0.00	31.53 1.76 -0.06	31.93 1.54 0.00	30.37 1.42 0.00	23.54 1.03 0.00	24.70 0.99 0.00
INDIAN POINT_GT_2 23659	20.57 0.92 0.00	16.66 0.71 0.00	13.88 0.57 0.00	14.13 0.58 0.00	12.33 0.49 0.00	13.04 0.51 0.00	14.69 0.60 0.00	14.04 0.59 0.00	18.97 0.85 0.00	20.67 0.93 0.00	24.67 1.19 0.00	23.60 1.18 0.00	27.82 1.41 0.00	28.37 1.46 0.00	27.95 1.40 0.00	27.97 1.35 0.00	27.27 1.39 0.00	31.31 1.77 0.00	33.34 1.86 0.00	31.53 1.76 -0.06	31.93 1.54 0.00	30.37 1.42 0.00	23.54 1.03 0.00	24.70 0.99 0.00
INDIAN POINT_GT_3 24019	20.57 0.92 0.00	16.66 0.71 0.00	13.88 0.57 0.00	14.13 0.58 0.00	12.33 0.49 0.00	13.04 0.51 0.00	14.69 0.60 0.00	14.04 0.59 0.00	18.97 0.85 0.00	20.67 0.93 0.00	24.67 1.19 0.00	23.60 1.18 0.00	27.82 1.41 0.00	28.37 1.46 0.00	27.95 1.40 0.00	27.97 1.35 0.00	27.27 1.39 0.00	31.31 1.77 0.00	33.34 1.86 0.00	31.53 1.76 -0.06	31.93 1.54 0.00	30.37 1.42 0.00	23.54 1.03 0.00	24.70 0.99 0.00
INDIAN POINT___2 23530	20.57 0.92 0.00	16.66 0.71 0.00	13.88 0.56 0.00	14.12 0.57 0.00	12.32 0.48 0.00	13.03 0.51 0.00	14.68 0.59 0.00	14.04 0.58 0.00	18.95 0.84 0.00	20.66 0.92 0.00	24.66 1.17 0.00	23.59 1.17 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.29 1.75 0.00	33.31 1.83 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.36 1.41 0.00	23.54 1.02 0.00	24.69 0.99 0.00
INDIAN POINT___3 23531	20.56 0.91 0.00	16.65 0.70 0.00	13.88 0.56 0.00	14.13 0.58 0.00	12.32 0.48 0.00	13.03 0.51 0.00	14.69 0.60 0.00	14.04 0.58 0.00	18.95 0.84 0.00	20.65 0.92 0.00	24.66 1.17 0.00	23.59 1.17 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.93 1.38 0.00	27.95 1.34 0.00	27.25 1.37 0.00	31.28 1.74 0.00	33.31 1.83 0.00	31.51 1.73 -0.06	31.91 1.52 0.00	30.35 1.40 0.00	23.53 1.01 0.00	24.68 0.98 0.00
INGHAM_C_115KV_TB7 356103	19.31 -0.34 0.00	15.65 -0.30 0.00	13.07 -0.24 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.40 -0.13 0.00	13.91 -0.18 0.00	13.32 -0.13 0.00	17.99 -0.12 0.00	19.59 -0.15 0.00	23.35 -0.13 0.00	22.33 -0.09 0.00	26.31 -0.10 0.00	26.90 -0.01 0.00	26.55 0.00 0.00	26.64 0.02 0.00	25.98 0.10 0.00	29.80 0.26 0.00	31.94 0.47 0.00	30.13 0.42 0.00	30.60 0.20 0.00	28.99 0.04 0.00	22.32 -0.20 0.00	23.35 -0.36 0.00
IP CORINTH___1 23988	20.90 1.25 0.00	16.96 1.01 0.00	14.17 0.86 0.00	14.44 0.89 0.00	12.59 0.75 0.00	13.33 0.81 0.00	15.04 0.95 0.00	14.36 0.91 0.00	19.39 1.27 0.00	21.16 1.42 0.00	25.28 1.80 0.00	24.11 1.69 0.00	28.27 1.86 0.00	28.88 1.97 0.00	28.34 1.79 0.00	28.37 1.76 0.00	27.79 1.91 0.00	31.96 2.43 0.00	34.36 2.89 0.00	32.46 2.66 -0.08	32.90 2.51 0.00	31.19 2.24 0.00	23.97 1.45 0.00	25.11 1.40 0.00
IP___TICONDEROGA 23804	21.63 1.98 0.00	17.58 1.62 0.00	14.74 1.42 0.00	15.06 1.51 0.00	13.08 1.25 0.00	13.88 1.35 0.00	15.75 1.66 0.00	15.04 1.59 0.00	20.27 2.14 0.00	22.18 2.44 0.00	26.56 3.08 0.00	25.28 2.86 0.00	29.84 3.43 0.00	30.48 3.57 0.00	29.84 3.28 0.00	29.89 3.28 0.00	29.13 3.25 0.00	33.46 3.92 0.00	36.02 4.54 0.00	33.93 4.14 -0.08	34.21 3.83 0.00	32.26 3.31 0.00	24.56 2.04 0.00	25.62 1.91 0.00
ISLIP_RES_REC 323679	21.22 1.56 0.00	17.15 1.20 0.00	14.32 1.01 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.18 1.09 0.00	14.54 1.09 0.00	19.70 1.59 0.00	21.48 1.74 0.00	25.76 2.27 0.00	26.07 2.31 -1.34	29.08 2.66 0.00	29.69 2.78 0.00	29.32 2.76 0.00	29.25 2.64 0.00	28.60 2.72 0.00	32.86 3.32 0.00	34.88 3.40 0.00	33.07 3.30 -0.06	33.27 2.88 0.00	31.63 2.68 0.00	24.62 2.10 0.00	25.54 1.83 0.00
JAMAICA__27_KV_LOAD 355505	20.76 1.11 0.00	16.82 0.86 0.00	14.00 0.69 0.00	14.26 0.71 0.00	12.44 0.61 0.00	13.16 0.64 0.00	14.84 0.75 0.00	14.17 0.72 0.00	19.13 1.01 0.00	20.87 1.13 0.00	24.85 1.37 0.01	23.80 1.38 0.00	28.04 1.63 0.00	28.60 1.69 0.00	28.16 1.60 0.00	28.12 1.51 0.00	27.45 1.57 0.00	31.51 1.98 0.00	33.57 2.09 0.00	31.77 1.99 -0.06	32.15 1.76 0.00	30.59 1.64 0.00	23.84 1.33 0.00	24.96 1.25 0.00
JANIS___SOLAR 323808	20.17 0.52 0.00	16.34 0.39 0.00	13.62 0.30 0.00	13.89 0.34 0.00	12.13 0.29 0.00	12.80 0.27 0.00	14.45 0.36 0.00	13.89 0.44 0.00	18.65 0.53 0.00	20.28 0.54 0.00	24.11 0.63 0.00	23.00 0.58 0.00	27.15 0.74 0.00	27.66 0.75 0.00	27.36 0.80 0.00	27.56 0.95 0.00	26.91 1.03 0.00	30.90 1.37 0.00	33.08 1.60 0.00	31.18 1.45 -0.02	31.75 1.36 0.00	30.12 1.17 0.00	23.34 0.82 0.00	24.54 0.84 0.00
JARVIS____ 23743	19.62 -0.03 0.00	15.92 -0.03 0.00	13.29 -0.02 0.00	13.52 -0.02 0.00	11.82 -0.01 0.00	12.50 -0.02 0.00	14.06 -0.02 0.00	13.43 -0.01 0.00	18.10 -0.02 0.00	19.71 -0.03 0.00	23.45 -0.03 0.00	22.40 -0.02 0.00	26.39 -0.02 0.00	26.91 0.00 0.00	26.55 0.00 0.00	26.61 0.00 0.00	25.88 0.00 0.00	29.59 0.06 0.00	31.54 0.06 0.00	29.77 0.05 0.00	30.42 0.03 0.00	28.95 0.00 0.00	22.50 -0.02 0.00	23.70 -0.01 0.00

JENNISON___1 23625	20.14 0.49 0.00	16.34 0.39 0.00	13.61 0.30 0.00	13.88 0.33 0.00	12.12 0.28 0.00	12.78 0.26 0.00	14.45 0.36 0.00	13.88 0.43 0.00	18.68 0.55 0.00	20.36 0.62 0.00	24.26 0.78 0.00	23.22 0.80 0.00	27.39 0.98 0.00	27.94 1.03 0.00	27.56 1.01 0.00	27.68 1.06 0.00	27.02 1.14 0.00	30.99 1.45 0.00	33.17 1.69 0.00	31.17 1.43 -0.02	31.74 1.35 0.00	30.14 1.19 0.00	23.36 0.84 0.00	24.55 0.84 0.00
JENNISON___2 23626	20.14 0.49 0.00	16.34 0.39 0.00	13.61 0.30 0.00	13.88 0.33 0.00	12.12 0.28 0.00	12.78 0.26 0.00	14.45 0.36 0.00	13.88 0.43 0.00	18.68 0.55 0.00	20.36 0.62 0.00	24.26 0.78 0.00	23.22 0.80 0.00	27.39 0.98 0.00	27.94 1.03 0.00	27.56 1.01 0.00	27.68 1.06 0.00	27.02 1.14 0.00	30.99 1.45 0.00	33.17 1.69 0.00	31.17 1.43 -0.02	31.74 1.35 0.00	30.14 1.19 0.00	23.36 0.84 0.00	24.55 0.84 0.00
JERICHO_RISE_WT_PWR 323719	19.81 0.15 0.00	16.07 0.12 0.00	13.43 0.11 0.00	13.69 0.14 0.00	12.02 0.18 0.00	12.77 0.25 0.00	14.41 0.32 0.00	13.71 0.26 0.00	18.49 0.37 0.00	20.34 0.60 0.00	24.19 0.71 0.00	22.99 0.57 0.00	26.93 0.52 0.00	27.21 0.30 0.00	26.96 0.41 0.00	27.09 0.48 0.00	26.25 0.37 0.00	30.10 0.56 0.00	32.25 0.77 0.00	30.44 0.73 0.00	31.10 0.71 0.00	29.54 0.58 0.00	22.66 0.14 0.00	23.51 -0.19 0.00
KATONAH___115KV_46KV_TB4 355592	20.64 0.99 0.00	16.71 0.76 0.00	13.94 0.62 0.00	14.18 0.64 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.67 0.00	14.10 0.65 0.00	19.05 0.93 0.00	20.76 1.02 0.00	24.79 1.30 0.00	23.72 1.30 0.00	27.95 1.54 0.00	28.51 1.60 0.00	28.08 1.52 0.00	28.09 1.48 0.00	27.40 1.52 0.00	31.46 1.92 0.00	33.50 2.02 0.00	31.69 1.92 -0.06	32.10 1.71 0.00	30.51 1.56 0.00	23.64 1.12 0.00	24.78 1.08 0.00
KCE_NY_1 323755	20.66 1.01 0.00	16.79 0.83 0.00	14.00 0.69 0.00	14.27 0.72 0.00	12.46 0.62 0.00	13.17 0.65 0.00	14.82 0.74 0.00	14.16 0.71 0.00	19.09 0.97 0.00	20.82 1.09 0.00	24.85 1.36 0.00	23.73 1.31 0.00	27.95 1.54 0.00	28.52 1.61 0.00	28.06 1.51 0.00	28.13 1.52 0.00	27.44 1.55 0.00	31.53 2.00 0.00	33.71 2.24 0.00	31.86 2.07 -0.08	32.34 1.95 0.00	30.72 1.77 0.00	23.66 1.15 0.00	24.85 1.14 0.00
KCE_NY_6_ESR 323823	19.79 0.14 0.00	16.09 0.14 0.00	13.46 0.15 0.00	13.66 0.12 0.00	11.98 0.15 0.00	12.69 0.16 0.00	14.15 0.06 0.00	13.47 0.02 0.00	17.98 -0.14 0.00	19.26 -0.48 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.53 0.00	26.11 -0.44 0.00	26.13 -0.48 0.00	25.25 -0.62 0.00	28.90 -0.64 0.00	30.83 -0.65 0.00	29.12 -0.60 -0.01	30.00 -0.39 0.00	28.56 -0.40 0.00	22.45 -0.07 0.00	24.08 0.37 0.00
KEDC_PORT_JEFF_GT2 24210	21.11 1.46 0.00	17.07 1.12 0.00	14.26 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.37 0.85 0.00	15.11 1.02 0.00	14.46 1.01 0.00	19.61 1.49 0.00	21.36 1.62 0.00	25.60 2.12 0.00	25.92 2.16 -1.34	28.90 2.49 0.00	29.52 2.61 0.00	29.14 2.58 0.00	29.07 2.46 0.00	28.42 2.54 0.00	32.65 3.11 0.00	34.65 3.17 0.00	32.85 3.07 -0.06	33.07 2.68 0.00	31.44 2.49 0.00	24.48 1.96 0.00	25.40 1.70 0.00
KEDC_PORT_JEFF_GT3 24211	21.11 1.46 0.00	17.07 1.12 0.00	14.26 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.37 0.85 0.00	15.11 1.02 0.00	14.46 1.01 0.00	19.61 1.49 0.00	21.36 1.62 0.00	25.60 2.12 0.00	25.92 2.16 -1.34	28.90 2.49 0.00	29.52 2.61 0.00	29.14 2.58 0.00	29.07 2.46 0.00	28.42 2.54 0.00	32.65 3.11 0.00	34.65 3.17 0.00	32.85 3.07 -0.06	33.07 2.68 0.00	31.44 2.49 0.00	24.48 1.96 0.00	25.40 1.70 0.00
KEDC_GLWD_GT4 24219	20.82 1.17 0.00	16.85 0.89 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.22 0.77 0.00	19.25 1.13 0.00	20.97 1.23 0.00	25.11 1.63 0.00	25.38 1.62 -1.34	28.30 1.89 0.00	28.87 1.96 0.00	28.44 1.88 0.00	28.42 1.81 0.00	27.75 1.87 0.00	31.85 2.31 0.00	33.74 2.27 0.00	31.97 2.20 -0.06	32.42 2.03 0.00	30.84 1.89 0.00	23.92 1.41 0.00	25.01 1.31 0.00
KEDC_GLWD_GT5 24220	20.82 1.17 0.00	16.85 0.89 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.87 0.78 0.00	14.22 0.77 0.00	19.25 1.13 0.00	20.97 1.23 0.00	25.11 1.63 0.00	25.38 1.62 -1.34	28.30 1.89 0.00	28.87 1.96 0.00	28.44 1.88 0.00	28.42 1.81 0.00	27.75 1.87 0.00	31.85 2.31 0.00	33.74 2.27 0.00	31.97 2.20 -0.06	32.42 2.03 0.00	30.84 1.89 0.00	23.92 1.41 0.00	25.01 1.31 0.00
KENSICO____ 23655	20.63 0.98 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.35 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.08 0.63 0.00	19.01 0.89 0.00	20.72 0.98 0.00	24.74 1.26 0.00	23.67 1.25 0.00	27.89 1.48 0.00	28.44 1.53 0.00	28.01 1.46 0.00	28.02 1.41 0.00	27.33 1.45 0.00	31.38 1.84 0.00	33.40 1.92 0.00	31.60 1.83 -0.06	32.01 1.61 0.00	30.44 1.49 0.00	23.60 1.09 0.00	24.76 1.05 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.67 1.01 0.00	16.73 0.77 0.00	13.93 0.61 0.00	14.18 0.63 0.00	12.36 0.52 0.00	13.09 0.56 0.00	14.76 0.67 0.00	14.12 0.67 0.00	19.09 0.97 0.00	20.79 1.05 0.00	24.63 1.15 0.00	23.56 1.15 0.00	27.75 1.34 0.00	28.31 1.40 0.00	27.91 1.35 0.00	27.92 1.31 0.00	27.25 1.37 0.00	31.28 1.74 0.00	33.30 1.82 0.00	31.51 1.74 -0.06	31.92 1.53 0.00	30.34 1.39 0.00	23.70 1.18 0.00	24.84 1.13 0.00
KIAC_JFK_GT1 23816	20.66 1.01 0.00	16.72 0.77 0.00	13.93 0.61 0.00	14.18 0.64 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.68 0.00	14.09 0.64 0.00	19.03 0.90 0.00	20.76 1.02 0.00	24.71 1.24 0.01	23.66 1.24 0.00	27.88 1.47 0.00	28.43 1.52 0.00	27.97 1.41 0.00	27.86 1.25 0.00	27.20 1.32 0.00	31.22 1.68 0.00	33.25 1.78 0.00	31.46 1.68 -0.06	31.84 1.45 0.00	30.31 1.36 0.00	23.71 1.19 0.00	24.81 1.11 0.00
KIAC_JFK_GT2 23817	20.66 1.01 0.00	16.72 0.77 0.00	13.93 0.61 0.00	14.18 0.64 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.68 0.00	14.09 0.64 0.00	19.03 0.90 0.00	20.76 1.02 0.00	24.71 1.24 0.01	23.66 1.24 0.00	27.88 1.47 0.00	28.43 1.52 0.00	27.97 1.41 0.00	27.86 1.25 0.00	27.20 1.32 0.00	31.22 1.68 0.00	33.25 1.78 0.00	31.46 1.68 -0.06	31.84 1.45 0.00	30.31 1.36 0.00	23.71 1.19 0.00	24.81 1.11 0.00
KIAC_JFK____ 323774	20.66 1.01 0.00	16.72 0.77 0.00	13.93 0.61 0.00	14.19 0.64 0.00	12.38 0.54 0.00	13.09 0.57 0.00	14.76 0.68 0.00	14.09 0.64 0.00	19.03 0.90 0.00	20.76 1.02 0.00	24.71 1.23 0.01	23.66 1.24 0.00	27.88 1.47 0.00	28.43 1.52 0.00	27.97 1.41 0.00	27.87 1.25 0.00	27.20 1.32 0.00	31.22 1.68 0.00	33.25 1.78 0.00	31.46 1.68 -0.06	31.84 1.45 0.00	30.31 1.36 0.00	23.71 1.19 0.00	24.82 1.11 0.00

KINTIGH____ 23543	19.32 -0.33 0.00	15.72 -0.24 0.00	13.16 -0.16 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.41 -0.12 0.00	13.85 -0.24 0.00	13.17 -0.28 0.00	17.59 -0.53 0.00	18.85 -0.88 0.00	22.34 -1.14 0.00	21.34 -1.07 0.00	25.31 -1.11 0.00	25.78 -1.13 0.00	25.50 -1.06 0.00	25.52 -1.10 0.00	24.66 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.38 0.00	28.42 -1.31 -0.01	29.22 -1.16 0.00	27.81 -1.15 0.00	21.86 -0.66 0.00	23.42 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	20.05 0.40 0.00	16.27 0.32 0.00	13.60 0.29 0.00	13.86 0.32 0.00	12.16 0.32 0.00	12.93 0.40 0.00	14.61 0.52 0.00	13.92 0.47 0.00	18.78 0.66 0.00	20.65 0.91 0.00	24.61 1.12 0.00	23.34 0.93 0.00	27.32 0.91 0.00	27.55 0.64 0.00	27.35 0.79 0.00	27.51 0.89 0.00	26.64 0.76 0.00	30.67 1.13 0.00	32.95 1.47 0.00	31.09 1.38 0.00	31.70 1.31 0.00	30.07 1.12 0.00	23.04 0.52 0.00	23.88 0.17 0.00
LACHUTE__HYDRO 323717	21.63 1.98 0.00	17.58 1.62 0.00	14.74 1.42 0.00	15.06 1.51 0.00	13.08 1.25 0.00	13.88 1.35 0.00	15.75 1.66 0.00	15.04 1.59 0.00	20.27 2.14 0.00	22.18 2.44 0.00	26.56 3.08 0.00	25.28 2.86 0.00	29.84 3.43 0.00	30.48 3.57 0.00	29.84 3.28 0.00	29.89 3.28 0.00	29.13 3.25 0.00	33.46 3.92 0.00	36.02 4.54 0.00	33.93 4.14 -0.08	34.21 3.83 0.00	32.26 3.31 0.00	24.56 2.04 0.00	25.62 1.91 0.00
LAWRNCV_115KV_TB1 80681	19.68 0.03 0.00	16.00 0.05 0.00	13.38 0.07 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.60 0.08 0.00	14.20 0.12 0.00	13.56 0.11 0.00	18.27 0.15 0.00	20.00 0.26 0.00	23.63 0.14 0.00	22.31 -0.11 0.00	26.19 -0.22 0.00	26.59 -0.32 0.00	26.28 -0.28 0.00	26.32 -0.29 0.00	25.57 -0.31 0.00	29.12 -0.42 0.00	31.07 -0.41 0.00	29.38 -0.33 0.00	30.17 -0.22 0.00	29.03 0.08 0.00	22.68 0.16 0.00	23.74 0.03 0.00
LEDERLE____ 23769	20.66 1.01 0.00	16.74 0.79 0.00	13.94 0.62 0.00	14.18 0.63 0.00	12.37 0.53 0.00	13.09 0.56 0.00	14.74 0.65 0.00	14.10 0.65 0.00	19.05 0.93 0.00	20.76 1.02 0.00	24.78 1.29 0.00	23.71 1.29 0.00	27.95 1.54 0.00	28.51 1.60 0.00	28.10 1.55 0.00	28.12 1.51 0.00	27.41 1.53 0.00	31.48 1.95 0.00	33.53 2.05 0.00	31.71 1.94 -0.06	32.11 1.72 0.00	30.53 1.58 0.00	23.67 1.15 0.00	24.82 1.11 0.00
LIGHTHSE_115KV_TB6 355974	19.78 0.13 0.00	16.07 0.11 0.00	13.45 0.13 0.00	13.69 0.14 0.00	11.95 0.12 0.00	12.65 0.13 0.00	14.27 0.18 0.00	13.63 0.18 0.00	18.37 0.25 0.00	19.89 0.15 0.00	23.66 0.18 0.00	22.54 0.12 0.00	26.59 0.18 0.00	27.05 0.14 0.00	26.70 0.14 0.00	26.74 0.12 0.00	26.01 0.12 0.00	30.03 0.49 0.00	32.09 0.62 0.00	30.32 0.61 0.00	31.00 0.61 0.00	29.44 0.48 0.00	22.85 0.33 0.00	24.11 0.40 0.00
LINDEN COGEN____ 23786	20.61 0.95 0.00	16.69 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.72 0.63 0.00	14.06 0.61 0.00	18.99 0.87 0.00	20.69 0.95 0.00	24.69 1.21 0.00	23.62 1.21 0.00	27.81 1.40 0.00	28.32 1.41 0.00	27.91 1.35 0.00	27.91 1.30 0.00	27.23 1.35 0.00	31.23 1.69 0.00	33.23 1.76 0.00	31.46 1.68 -0.06	31.84 1.45 0.00	30.30 1.35 0.00	23.53 1.01 0.00	24.69 0.99 0.00
LINDHRST_69_KV_BK1 356055	21.09 1.44 0.00	17.05 1.09 0.00	14.23 0.92 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.82 0.00	15.08 0.99 0.00	14.42 0.97 0.00	19.57 1.45 0.00	21.30 1.56 0.00	25.52 2.04 0.00	25.82 2.06 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.29 2.41 0.00	32.48 2.95 0.00	34.48 3.01 0.00	32.70 2.93 -0.06	32.97 2.57 0.00	31.35 2.40 0.00	24.40 1.88 0.00	25.36 1.65 0.00
LIPA_MISC_IPP 23656	21.12 1.47 0.00	17.08 1.13 0.00	14.28 0.96 0.00	14.52 0.97 0.00	12.67 0.83 0.00	13.39 0.86 0.00	15.13 1.04 0.00	14.49 1.03 0.00	19.63 1.51 0.00	21.38 1.64 0.00	25.63 2.15 0.00	25.94 2.19 -1.34	28.92 2.51 0.00	29.53 2.62 0.00	29.16 2.60 0.00	29.08 2.47 0.00	28.44 2.55 0.00	32.67 3.13 0.00	34.67 3.20 0.00	32.88 3.10 -0.06	33.09 2.70 0.00	31.45 2.50 0.00	24.50 1.98 0.00	25.42 1.71 0.00
LISF__SOLAR 323691	21.15 1.50 0.00	17.11 1.16 0.00	14.30 0.98 0.00	14.54 0.99 0.00	12.69 0.85 0.00	13.41 0.89 0.00	15.15 1.06 0.00	14.51 1.06 0.00	19.66 1.54 0.00	21.42 1.68 0.00	25.67 2.19 0.00	25.99 2.23 -1.34	28.98 2.57 0.00	29.59 2.68 0.00	29.21 2.66 0.00	29.14 2.53 0.00	28.49 2.61 0.00	32.74 3.20 0.00	34.74 3.27 0.00	32.95 3.17 -0.06	33.15 2.76 0.00	31.51 2.56 0.00	24.55 2.03 0.00	25.46 1.76 0.00
LITTLE FALLS__HYD 24013	19.31 -0.34 0.00	15.65 -0.30 0.00	13.07 -0.24 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.40 -0.13 0.00	13.91 -0.18 0.00	13.32 -0.13 0.00	17.99 -0.12 0.00	19.59 -0.15 0.00	23.35 -0.13 0.00	22.33 -0.09 0.00	26.31 -0.10 0.00	26.90 -0.01 0.00	26.55 0.00 0.00	26.64 0.02 0.00	25.98 0.10 0.00	29.80 0.26 0.00	31.94 0.47 0.00	30.13 0.42 0.00	30.60 0.20 0.00	28.99 0.04 0.00	22.32 -0.20 0.00	23.35 -0.36 0.00
LITTLRIV_115KV_TB1 356100	19.87 0.22 0.00	16.15 0.20 0.00	13.50 0.18 0.00	13.73 0.18 0.00	12.00 0.16 0.00	12.73 0.20 0.00	14.34 0.25 0.00	13.70 0.25 0.00	18.46 0.34 0.00	20.20 0.46 0.00	23.80 0.32 0.00	22.47 0.05 0.00	26.36 -0.05 0.00	26.77 -0.14 0.00	26.46 -0.09 0.00	26.52 -0.09 0.00	25.77 -0.11 0.00	29.38 -0.16 0.00	31.41 -0.07 0.00	29.75 0.04 0.00	30.55 0.16 0.00	29.37 0.42 0.00	22.92 0.40 0.00	23.99 0.28 0.00
LI_NEWBRDGE__DRP 323616	20.76 1.11 0.00	16.79 0.84 0.00	14.01 0.70 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.84 0.75 0.00	14.19 0.74 0.00	19.25 1.13 0.00	20.93 1.19 0.00	25.07 1.58 0.00	25.36 1.60 -1.34	28.25 1.84 0.00	28.83 1.92 0.00	28.43 1.87 0.00	28.38 1.77 0.00	27.73 1.85 0.00	31.83 2.29 0.00	33.79 2.31 0.00	32.04 2.26 -0.06	32.33 1.94 0.00	30.77 1.82 0.00	23.93 1.41 0.00	24.93 1.23 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.43 -0.22 0.00	15.82 -0.14 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.82 -0.02 0.00	12.53 0.00 0.00	13.93 -0.16 0.00	13.22 -0.24 0.00	17.63 -0.49 0.00	18.83 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.07 0.00	25.81 -1.10 0.00	25.55 -1.01 0.00	25.56 -1.05 0.00	24.66 -1.23 0.00	28.25 -1.29 0.00	30.11 -1.36 0.00	28.43 -1.29 -0.01	29.29 -1.10 0.00	27.85 -1.10 0.00	21.95 -0.56 0.00	23.63 -0.07 0.00
LOCKPORT__CC1 323769	19.43 -0.22 0.00	15.82 -0.13 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.81 -0.03 0.00	12.53 0.00 0.00	13.92 -0.16 0.00	13.22 -0.23 0.00	17.63 -0.49 0.00	18.84 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.06 0.00	25.81 -1.10 0.00	25.55 -1.00 0.00	25.56 -1.05 0.00	24.65 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.37 0.00	28.43 -1.29 -0.01	29.29 -1.10 0.00	27.86 -1.09 0.00	21.95 -0.56 0.00	23.63 -0.08 0.00

LOCKPORT___CC2 323770	19.43 -0.22 0.00	15.82 -0.13 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.81 -0.03 0.00	12.53 0.00 0.00	13.92 -0.16 0.00	13.22 -0.23 0.00	17.63 -0.49 0.00	18.84 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.06 0.00	25.81 -1.10 0.00	25.55 -1.00 0.00	25.56 -1.05 0.00	24.65 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.37 0.00	28.43 -1.29 -0.01	29.29 -1.10 0.00	27.86 -1.09 0.00	21.95 -0.56 0.00	23.63 -0.08 0.00
LOCKPORT___CC3 323771	19.43 -0.22 0.00	15.82 -0.13 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.81 -0.03 0.00	12.53 0.00 0.00	13.92 -0.16 0.00	13.22 -0.23 0.00	17.63 -0.49 0.00	18.84 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.06 0.00	25.81 -1.10 0.00	25.55 -1.00 0.00	25.56 -1.05 0.00	24.65 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.37 0.00	28.43 -1.29 -0.01	29.29 -1.10 0.00	27.86 -1.09 0.00	21.95 -0.56 0.00	23.63 -0.08 0.00
LONG_LAKE_PHOENIX 24014	19.87 0.22 0.00	16.11 0.16 0.00	13.46 0.15 0.00	13.69 0.14 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.25 0.16 0.00	13.63 0.18 0.00	18.36 0.23 0.00	19.93 0.19 0.00	23.69 0.21 0.00	22.62 0.20 0.00	26.70 0.28 0.00	27.18 0.27 0.00	26.84 0.29 0.00	26.88 0.27 0.00	26.18 0.30 0.00	30.05 0.51 0.00	32.07 0.60 0.00	30.29 0.58 -0.01	30.95 0.56 0.00	29.38 0.43 0.00	22.83 0.31 0.00	24.10 0.40 0.00
LOVETT___3 23632	20.56 0.91 0.00	16.65 0.70 0.00	13.87 0.55 0.00	14.11 0.57 0.00	12.32 0.48 0.00	13.02 0.50 0.00	14.68 0.59 0.00	14.03 0.58 0.00	18.95 0.83 0.00	20.65 0.91 0.00	24.65 1.16 0.00	23.58 1.16 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.30 1.76 0.00	33.31 1.84 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.35 1.40 0.00	23.54 1.02 0.00	24.69 0.99 0.00
LOVETT___4 23642	20.56 0.91 0.00	16.65 0.70 0.00	13.87 0.55 0.00	14.11 0.57 0.00	12.32 0.48 0.00	13.02 0.50 0.00	14.68 0.59 0.00	14.03 0.58 0.00	18.95 0.83 0.00	20.65 0.91 0.00	24.65 1.16 0.00	23.58 1.16 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.30 1.76 0.00	33.31 1.84 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.35 1.40 0.00	23.54 1.02 0.00	24.69 0.99 0.00
LOVETT___5 23593	20.56 0.91 0.00	16.65 0.70 0.00	13.87 0.55 0.00	14.11 0.57 0.00	12.32 0.48 0.00	13.02 0.50 0.00	14.68 0.59 0.00	14.03 0.58 0.00	18.95 0.83 0.00	20.65 0.91 0.00	24.65 1.16 0.00	23.58 1.16 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.30 1.76 0.00	33.31 1.84 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.35 1.40 0.00	23.54 1.02 0.00	24.69 0.99 0.00
LOWER RAQUET___HYD 24057	19.68 0.03 0.00	16.00 0.04 0.00	13.38 0.06 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.61 0.09 0.00	14.21 0.12 0.00	13.57 0.12 0.00	18.29 0.17 0.00	20.02 0.29 0.00	23.63 0.15 0.00	22.27 -0.15 0.00	26.14 -0.27 0.00	26.53 -0.38 0.00	26.23 -0.33 0.00	26.26 -0.36 0.00	25.51 -0.37 0.00	29.06 -0.48 0.00	31.02 -0.45 0.00	29.34 -0.37 0.00	30.13 -0.26 0.00	29.04 0.09 0.00	22.69 0.17 0.00	23.74 0.03 0.00
LOWER___HUDSON 24059	20.26 0.61 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.00 0.45 0.00	12.22 0.38 0.00	12.92 0.39 0.00	14.52 0.43 0.00	13.85 0.40 0.00	18.69 0.57 0.00	20.36 0.62 0.00	24.31 0.83 0.00	23.21 0.80 0.00	27.39 0.98 0.00	27.99 1.08 0.00	27.54 0.98 0.00	27.63 1.02 0.00	26.87 0.99 0.00	30.85 1.32 0.00	32.94 1.46 0.00	31.12 1.33 -0.08	31.61 1.22 0.00	30.08 1.13 0.00	23.17 0.66 0.00	24.36 0.66 0.00
LOWVILLE_115KV_TB2 356335	19.75 0.09 0.00	16.04 0.09 0.00	13.47 0.16 0.00	13.70 0.16 0.00	11.95 0.12 0.00	12.67 0.15 0.00	14.32 0.23 0.00	13.70 0.25 0.00	18.47 0.35 0.00	20.09 0.35 0.00	23.85 0.36 0.00	22.58 0.16 0.00	26.64 0.22 0.00	27.10 0.19 0.00	26.76 0.20 0.00	26.71 0.09 0.00	26.02 0.14 0.00	30.13 0.59 0.00	32.14 0.66 0.00	30.35 0.64 0.00	31.06 0.67 0.00	29.58 0.63 0.00	22.97 0.45 0.00	24.15 0.45 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	20.65 1.00 0.00	16.77 0.82 0.00	14.00 0.68 0.00	14.26 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.82 0.73 0.00	14.15 0.70 0.00	19.09 0.97 0.00	20.81 1.08 0.00	24.84 1.35 0.00	23.71 1.30 0.00	27.92 1.51 0.00	28.52 1.61 0.00	28.06 1.51 0.00	28.13 1.52 0.00	27.43 1.54 0.00	31.51 1.97 0.00	33.69 2.21 0.00	31.84 2.04 -0.08	32.32 1.93 0.00	30.70 1.75 0.00	23.66 1.14 0.00	24.84 1.13 0.00
LUTHERNY_35_KV_BK2 355980	20.66 1.01 0.00	16.79 0.83 0.00	14.00 0.69 0.00	14.27 0.72 0.00	12.46 0.62 0.00	13.17 0.65 0.00	14.83 0.74 0.00	14.16 0.71 0.00	19.09 0.97 0.00	20.82 1.09 0.00	24.85 1.36 0.00	23.73 1.31 0.00	27.95 1.54 0.00	28.52 1.61 0.00	28.06 1.51 0.00	28.13 1.52 0.00	27.44 1.55 0.00	31.54 2.00 0.00	33.71 2.24 0.00	31.86 2.07 -0.08	32.34 1.95 0.00	30.73 1.77 0.00	23.66 1.15 0.00	24.85 1.14 0.00
LWR___OSWEGATCHIE_HYD 23850	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.19 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
LYONS_FALL_HYD 23570	19.82 0.17 0.00	16.09 0.14 0.00	13.48 0.16 0.00	13.71 0.16 0.00	11.97 0.13 0.00	12.68 0.16 0.00	14.31 0.22 0.00	13.69 0.24 0.00	18.46 0.34 0.00	20.09 0.35 0.00	23.87 0.38 0.00	22.66 0.24 0.00	26.73 0.32 0.00	27.22 0.31 0.00	26.88 0.33 0.00	26.86 0.25 0.00	26.18 0.30 0.00	30.18 0.64 0.00	32.20 0.73 0.00	30.40 0.69 0.00	31.08 0.69 0.00	29.57 0.62 0.00	22.96 0.44 0.00	24.14 0.44 0.00
MADISON___COUNTY_LFGE 323628	19.93 0.28 0.00	16.16 0.20 0.00	13.48 0.16 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.69 0.16 0.00	14.29 0.21 0.00	13.67 0.22 0.00	18.44 0.32 0.00	20.07 0.33 0.00	23.86 0.37 0.00	22.74 0.32 0.00	26.85 0.44 0.00	27.37 0.46 0.00	27.03 0.47 0.00	27.10 0.49 0.00	26.41 0.52 0.00	30.30 0.76 0.00	32.34 0.86 0.00	30.53 0.81 0.00	31.15 0.76 0.00	29.60 0.64 0.00	22.97 0.45 0.00	24.19 0.49 0.00
MALONE___115KV_TB1 356076	19.96 0.31 0.00	16.19 0.24 0.00	13.53 0.22 0.00	13.79 0.24 0.00	12.09 0.25 0.00	12.84 0.31 0.00	14.50 0.41 0.00	13.81 0.36 0.00	18.64 0.52 0.00	20.46 0.73 0.00	24.27 0.79 0.00	23.04 0.62 0.00	27.00 0.59 0.00	27.29 0.38 0.00	27.03 0.48 0.00	27.12 0.51 0.00	26.33 0.45 0.00	30.17 0.63 0.00	32.34 0.86 0.00	30.55 0.84 0.00	31.25 0.86 0.00	29.75 0.80 0.00	22.90 0.39 0.00	23.80 0.10 0.00

MAPLEWOD_115KV_TB3 80458	20.12 0.47 0.00	16.35 0.39 0.00	13.64 0.33 0.00	13.89 0.34 0.00	12.16 0.32 0.00	12.81 0.29 0.00	14.40 0.31 0.00	13.75 0.30 0.00	18.55 0.43 0.00	20.21 0.47 0.00	24.12 0.63 0.00	23.04 0.62 0.00	27.17 0.76 0.00	27.77 0.86 0.00	27.35 0.79 0.00	27.43 0.82 0.00	26.68 0.80 0.00	30.62 1.08 0.00	32.65 1.18 0.00	30.85 1.06 -0.08	31.34 0.95 0.00	29.83 0.88 0.00	23.02 0.50 0.00	24.21 0.50 0.00
MAPLE_RIDGE_WT_1 323574	19.43 -0.22 0.00	15.75 -0.20 0.00	13.10 -0.21 0.00	13.39 -0.16 0.00	11.73 -0.10 0.00	12.38 -0.14 0.00	13.94 -0.15 0.00	13.36 -0.10 0.00	17.99 -0.13 0.00	19.57 -0.16 0.00	23.25 -0.23 0.00	22.20 -0.21 0.00	26.17 -0.24 0.00	26.66 -0.24 0.00	26.41 -0.15 0.00	26.41 -0.20 0.00	25.67 -0.21 0.00	29.41 -0.13 0.00	31.41 -0.06 0.00	29.57 -0.14 0.00	30.31 -0.09 0.00	28.89 -0.07 0.00	22.49 -0.02 0.00	23.66 -0.05 0.00
MAPLE_RIDGE_WT_2 323611	19.43 -0.22 0.00	15.75 -0.20 0.00	13.10 -0.21 0.00	13.39 -0.16 0.00	11.73 -0.10 0.00	12.38 -0.14 0.00	13.94 -0.15 0.00	13.36 -0.10 0.00	17.99 -0.13 0.00	19.57 -0.16 0.00	23.25 -0.23 0.00	22.20 -0.21 0.00	26.17 -0.24 0.00	26.66 -0.24 0.00	26.41 -0.15 0.00	26.41 -0.20 0.00	25.67 -0.21 0.00	29.41 -0.13 0.00	31.41 -0.06 0.00	29.57 -0.14 0.00	30.31 -0.09 0.00	28.89 -0.07 0.00	22.49 -0.02 0.00	23.66 -0.05 0.00
MARBLE_RIVER_WT_PWR 323696	19.83 0.17 0.00	16.10 0.14 0.00	13.45 0.13 0.00	13.72 0.16 0.00	12.04 0.20 0.00	12.80 0.27 0.00	14.44 0.35 0.00	13.75 0.30 0.00	18.54 0.43 0.00	20.39 0.64 0.00	24.26 0.78 0.00	23.05 0.63 0.00	27.01 0.60 0.00	27.27 0.36 0.00	27.04 0.48 0.00	27.17 0.56 0.00	26.33 0.45 0.00	30.21 0.67 0.00	32.38 0.90 0.00	30.55 0.84 0.00	31.19 0.80 0.00	29.60 0.65 0.00	22.68 0.16 0.00	23.54 -0.16 0.00
MARSHVLE_115KV_TB1 80742	21.04 1.39 0.00	17.10 1.14 0.00	14.22 0.90 0.00	14.47 0.92 0.00	12.64 0.80 0.00	13.46 0.94 0.00	15.14 1.06 0.00	14.43 0.98 0.00	19.53 1.41 0.00	21.18 1.44 0.00	25.15 1.66 0.00	23.99 1.57 0.00	28.22 1.80 0.00	28.75 1.84 0.00	28.51 1.96 0.00	28.59 1.98 0.00	27.87 1.99 0.00	31.91 2.37 0.00	33.89 2.42 0.00	32.16 2.37 -0.08	32.82 2.43 0.00	31.16 2.21 0.00	24.36 1.85 0.00	25.62 1.91 0.00
MARSH_HILL_WT_PWR 323713	19.36 -0.29 0.00	15.98 0.03 0.00	13.13 -0.18 0.00	13.33 -0.22 0.00	11.82 -0.02 0.00	12.06 -0.46 0.00	13.55 -0.54 0.00	13.11 -0.34 0.00	17.64 -0.48 0.00	19.18 -0.56 0.00	22.88 -0.60 0.00	21.84 -0.57 0.00	25.96 -0.45 0.00	26.48 -0.43 0.00	26.33 -0.23 0.00	26.46 -0.16 0.00	25.71 -0.18 0.00	29.35 -0.19 0.00	31.29 -0.18 0.00	29.56 -0.17 -0.01	30.66 0.27 0.00	29.05 0.10 0.00	22.81 0.30 0.00	24.27 0.56 0.00
MCINTYRE_115KV_TB2 80467	19.96 0.31 0.00	16.22 0.27 0.00	13.56 0.25 0.00	13.79 0.24 0.00	12.05 0.21 0.00	12.78 0.26 0.00	14.40 0.31 0.00	13.74 0.29 0.00	18.51 0.39 0.00	20.24 0.50 0.00	23.82 0.34 0.00	22.55 0.13 0.00	26.45 0.04 0.00	26.87 -0.04 0.00	26.56 0.01 0.00	26.63 0.02 0.00	25.89 0.01 0.00	29.49 -0.05 0.00	31.58 0.10 0.00	29.94 0.23 0.00	30.77 0.38 0.00	29.50 0.55 0.00	23.03 0.51 0.00	24.10 0.39 0.00
MECO____69_KV_BK1 80468	21.55 1.90 0.00	17.45 1.50 0.00	14.52 1.21 0.00	14.78 1.23 0.00	12.91 1.07 0.00	13.72 1.20 0.00	15.47 1.38 0.00	14.78 1.33 0.00	20.02 1.90 0.00	21.63 1.90 0.00	25.70 2.22 0.00	24.55 2.14 0.00	28.82 2.41 0.00	29.44 2.53 0.00	29.22 2.66 0.00	29.43 2.82 0.00	28.80 2.92 0.00	33.08 3.54 0.00	35.28 3.80 0.00	33.44 3.65 -0.08	34.00 3.61 0.00	32.16 3.21 0.00	24.94 2.43 0.00	26.16 2.45 0.00
MENANDS_115KV_TB5 355628	20.00 0.34 0.00	16.25 0.29 0.00	13.57 0.25 0.00	13.81 0.25 0.00	12.09 0.25 0.00	12.74 0.22 0.00	14.32 0.23 0.00	13.66 0.22 0.00	18.43 0.31 0.00	20.08 0.34 0.00	23.97 0.48 0.00	22.89 0.48 0.00	27.02 0.61 0.00	27.60 0.70 0.00	27.17 0.61 0.00	27.25 0.64 0.00	26.50 0.62 0.00	30.42 0.88 0.00	32.43 0.95 0.00	30.64 0.85 -0.08	31.13 0.73 0.00	29.63 0.68 0.00	22.87 0.35 0.00	24.06 0.35 0.00
MG INDUSTRY___DRP 24185	20.09 0.44 0.00	16.32 0.36 0.00	13.63 0.31 0.00	13.87 0.32 0.00	12.15 0.31 0.00	12.81 0.28 0.00	14.39 0.30 0.00	13.74 0.29 0.00	18.53 0.41 0.00	20.17 0.44 0.00	24.08 0.59 0.00	22.99 0.58 0.00	27.16 0.74 0.00	27.73 0.82 0.00	27.30 0.75 0.00	27.38 0.76 0.00	26.64 0.76 0.00	30.55 1.02 0.00	32.57 1.09 0.00	30.79 1.00 -0.08	31.29 0.90 0.00	29.78 0.83 0.00	23.00 0.48 0.00	24.19 0.48 0.00
MID___OSWEGATCHIE_HYD 23849	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.19 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
MID___RAQUETTE_HYD 23851	19.68 0.03 0.00	16.00 0.04 0.00	13.38 0.06 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.61 0.09 0.00	14.21 0.12 0.00	13.57 0.12 0.00	18.29 0.17 0.00	20.02 0.29 0.00	23.63 0.15 0.00	22.27 -0.15 0.00	26.14 -0.27 0.00	26.53 -0.38 0.00	26.22 -0.33 0.00	26.26 -0.36 0.00	25.51 -0.38 0.00	29.06 -0.48 0.00	31.02 -0.45 0.00	29.34 -0.37 0.00	30.13 -0.26 0.00	29.04 0.09 0.00	22.69 0.17 0.00	23.74 0.03 0.00
MILLIKEN___1 23584	19.95 0.30 0.00	16.17 0.22 0.00	13.47 0.15 0.00	13.73 0.18 0.00	12.00 0.16 0.00	12.69 0.17 0.00	14.27 0.18 0.00	13.68 0.23 0.00	18.42 0.30 0.00	19.97 0.23 0.00	23.78 0.30 0.00	22.67 0.25 0.00	26.81 0.40 0.00	27.28 0.37 0.00	26.94 0.39 0.00	27.05 0.44 0.00	26.33 0.44 0.00	30.19 0.65 0.00	32.20 0.72 0.00	30.43 0.71 -0.01	31.07 0.68 0.00	29.50 0.55 0.00	22.89 0.38 0.00	24.16 0.46 0.00
MILLIKEN___2 23585	19.95 0.30 0.00	16.17 0.22 0.00	13.47 0.15 0.00	13.73 0.18 0.00	12.00 0.16 0.00	12.69 0.17 0.00	14.27 0.18 0.00	13.68 0.23 0.00	18.42 0.30 0.00	19.97 0.23 0.00	23.78 0.30 0.00	22.67 0.25 0.00	26.81 0.40 0.00	27.28 0.37 0.00	26.94 0.39 0.00	27.05 0.44 0.00	26.33 0.44 0.00	30.19 0.65 0.00	32.20 0.72 0.00	30.43 0.71 -0.01	31.07 0.68 0.00	29.50 0.55 0.00	22.89 0.38 0.00	24.16 0.46 0.00
MILLIKEN___DIESEL 23629	19.95 0.30 0.00	16.17 0.22 0.00	13.47 0.15 0.00	13.73 0.18 0.00	12.00 0.16 0.00	12.69 0.17 0.00	14.27 0.18 0.00	13.68 0.23 0.00	18.42 0.30 0.00	19.97 0.23 0.00	23.78 0.30 0.00	22.67 0.25 0.00	26.81 0.40 0.00	27.28 0.37 0.00	26.94 0.39 0.00	27.05 0.44 0.00	26.33 0.44 0.00	30.19 0.65 0.00	32.20 0.72 0.00	30.43 0.71 -0.01	31.07 0.68 0.00	29.50 0.55 0.00	22.89 0.38 0.00	24.16 0.46 0.00

MILLSEAT___LFGE 323607	19.68 0.03 0.00	16.01 0.06 0.00	13.42 0.10 0.00	13.62 0.07 0.00	11.94 0.10 0.00	12.67 0.15 0.00	14.11 0.02 0.00	13.41 -0.05 0.00	17.91 -0.21 0.00	19.18 -0.55 0.00	22.76 -0.73 0.00	21.72 -0.70 0.00	25.78 -0.63 0.00	26.27 -0.64 0.00	25.99 -0.57 0.00	26.01 -0.60 0.00	25.14 -0.74 0.00	28.84 -0.70 0.00	30.76 -0.72 0.00	29.06 -0.66 -0.01	29.90 -0.49 0.00	28.40 -0.55 0.00	22.32 -0.19 0.00	23.95 0.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	20.59 0.94 0.00	16.68 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.71 0.62 0.00	14.05 0.60 0.00	18.98 0.86 0.00	20.68 0.94 0.00	24.69 1.21 0.00	23.63 1.21 0.00	27.84 1.43 0.00	28.39 1.48 0.00	27.97 1.42 0.00	27.99 1.37 0.00	27.28 1.40 0.00	31.33 1.79 0.00	33.34 1.87 0.00	31.55 1.78 -0.06	31.95 1.56 0.00	30.39 1.44 0.00	23.56 1.04 0.00	24.72 1.01 0.00
MILLWOOD_13_KV_LOAD 356217	20.63 0.98 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.35 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.08 0.63 0.00	19.02 0.89 0.00	20.72 0.99 0.00	24.74 1.26 0.00	23.67 1.25 0.00	27.90 1.49 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.05 1.43 0.00	27.35 1.47 0.00	31.40 1.86 0.00	33.43 1.96 0.00	31.63 1.85 -0.06	32.02 1.63 0.00	30.45 1.50 0.00	23.60 1.09 0.00	24.76 1.06 0.00
MODEL_CITY_ENERGY 24167	19.24 -0.42 0.00	15.66 -0.29 0.00	13.15 -0.17 0.00	13.35 -0.19 0.00	11.72 -0.12 0.00	12.43 -0.10 0.00	13.79 -0.30 0.00	13.08 -0.37 0.00	17.44 -0.68 0.00	18.62 -1.12 0.00	22.10 -1.39 0.00	21.12 -1.30 0.00	25.05 -1.35 0.00	25.53 -1.38 0.00	25.26 -1.29 0.00	25.27 -1.34 0.00	24.35 -1.53 0.00	27.90 -1.63 0.00	29.75 -1.73 0.00	28.07 -1.65 -0.01	28.93 -1.46 0.00	27.52 -1.43 0.00	21.71 -0.81 0.00	23.40 -0.31 0.00
MODERN_LFGE___ 323580	19.24 -0.42 0.00	15.66 -0.29 0.00	13.15 -0.17 0.00	13.35 -0.19 0.00	11.72 -0.12 0.00	12.43 -0.10 0.00	13.79 -0.30 0.00	13.08 -0.37 0.00	17.44 -0.68 0.00	18.62 -1.12 0.00	22.10 -1.39 0.00	21.12 -1.30 0.00	25.05 -1.35 0.00	25.53 -1.38 0.00	25.26 -1.29 0.00	25.27 -1.34 0.00	24.35 -1.53 0.00	27.90 -1.63 0.00	29.75 -1.73 0.00	28.07 -1.65 -0.01	28.93 -1.46 0.00	27.52 -1.43 0.00	21.71 -0.81 0.00	23.40 -0.31 0.00
MOHAWK_PAPER___DRP 24187	20.12 0.47 0.00	16.35 0.39 0.00	13.64 0.33 0.00	13.89 0.34 0.00	12.16 0.32 0.00	12.81 0.29 0.00	14.40 0.31 0.00	13.75 0.30 0.00	18.55 0.43 0.00	20.21 0.47 0.00	24.12 0.63 0.00	23.04 0.62 0.00	27.17 0.76 0.00	27.77 0.86 0.00	27.35 0.79 0.00	27.43 0.82 0.00	26.68 0.80 0.00	30.62 1.08 0.00	32.65 1.18 0.00	30.85 1.06 -0.08	31.34 0.95 0.00	29.83 0.88 0.00	23.02 0.50 0.00	24.21 0.50 0.00
MOHICAN___35_KV_115KV_LD 80490	20.93 1.28 0.00	16.99 1.04 0.00	14.20 0.88 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.35 0.83 0.00	15.07 0.97 0.00	14.39 0.94 0.00	19.42 1.30 0.00	21.19 1.46 0.00	25.33 1.84 0.00	24.16 1.74 0.00	28.37 1.96 0.00	28.98 2.07 0.00	28.47 1.92 0.00	28.51 1.89 0.00	27.89 2.01 0.00	32.08 2.54 0.00	34.44 2.96 0.00	32.53 2.73 -0.08	32.96 2.57 0.00	31.24 2.29 0.00	23.99 1.47 0.00	25.12 1.42 0.00
MONGAUP___HYD 23641	20.51 0.86 0.00	16.62 0.67 0.00	13.85 0.53 0.00	14.09 0.54 0.00	12.30 0.46 0.00	13.01 0.49 0.00	14.66 0.57 0.00	14.02 0.57 0.00	18.94 0.83 0.00	20.65 0.91 0.00	24.61 1.13 0.00	23.52 1.11 0.00	27.71 1.30 0.00	28.28 1.37 0.00	27.88 1.32 0.00	27.94 1.33 0.00	27.24 1.36 0.00	31.27 1.73 0.00	33.33 1.85 0.00	31.53 1.76 -0.06	31.98 1.59 0.00	30.38 1.43 0.00	23.53 1.02 0.00	24.69 0.98 0.00
MONTAUK___DIESEL 23721	21.78 2.13 0.00	17.62 1.67 0.00	14.72 1.41 0.00	14.97 1.42 0.00	13.06 1.22 0.00	13.81 1.29 0.00	15.63 1.54 0.00	14.97 1.52 0.00	20.32 2.20 0.00	22.19 2.45 0.00	26.64 3.16 0.00	26.93 3.18 -1.34	30.06 3.65 0.00	30.68 3.77 0.00	30.27 3.72 0.00	30.19 3.58 0.00	29.52 3.64 0.00	33.92 4.38 0.00	36.01 4.53 0.00	34.15 4.37 -0.06	34.31 3.92 0.00	32.55 3.60 0.00	25.30 2.79 0.00	26.21 2.50 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.96 0.31 0.00	16.15 0.20 0.00	13.39 0.08 0.00	13.67 0.12 0.00	11.92 0.08 0.00	12.61 0.08 0.00	14.14 0.05 0.00	13.53 0.08 0.00	18.08 -0.04 0.00	19.56 -0.18 0.00	23.29 -0.19 0.00	22.30 -0.11 0.00	26.51 0.10 0.00	26.92 0.01 0.00	26.71 0.16 0.00	26.60 -0.01 0.00	25.69 -0.19 0.00	29.50 -0.04 0.00	31.40 -0.08 0.00	29.73 0.01 -0.01	30.60 0.21 0.00	29.20 0.25 0.00	23.10 0.58 0.00	24.70 0.99 0.00
MORTIMER_115KV_TB3 55949	19.53 -0.13 0.00	15.86 -0.09 0.00	13.26 -0.05 0.00	13.46 -0.09 0.00	11.79 -0.05 0.00	12.49 -0.03 0.00	13.99 -0.10 0.00	13.33 -0.12 0.00	17.87 -0.25 0.00	19.25 -0.49 0.00	22.83 -0.65 0.00	21.82 -0.59 0.00	25.84 -0.57 0.00	26.32 -0.59 0.00	26.03 -0.52 0.00	26.07 -0.54 0.00	25.26 -0.62 0.00	28.94 -0.60 0.00	30.86 -0.62 0.00	29.15 -0.57 -0.01	29.90 -0.49 0.00	28.42 -0.53 0.00	22.24 -0.28 0.00	23.69 -0.01 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.70 1.05 0.00	16.76 0.81 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.78 0.70 0.00	14.13 0.67 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.50 1.60 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.46 1.98 0.00	31.67 1.89 -0.06	32.06 1.67 0.00	30.50 1.55 0.00	23.67 1.16 0.00	24.84 1.13 0.00
MUNSVILLE_WIND_PWR 323609	20.34 0.69 0.00	16.48 0.53 0.00	13.74 0.43 0.00	14.04 0.49 0.00	12.22 0.39 0.00	12.87 0.34 0.00	14.61 0.52 0.00	14.10 0.65 0.00	18.88 0.76 0.00	20.64 0.91 0.00	24.60 1.12 0.00	23.51 1.09 0.00	27.73 1.32 0.00	28.29 1.38 0.00	28.01 1.45 0.00	28.26 1.64 0.00	27.61 1.73 0.00	31.74 2.20 0.00	34.09 2.61 0.00	31.99 2.26 -0.02	32.43 2.04 0.00	30.77 1.82 0.00	23.80 1.29 0.00	24.90 1.19 0.00
N SALMON___HYD 24042	19.96 0.31 0.00	16.19 0.24 0.00	13.53 0.22 0.00	13.78 0.24 0.00	12.09 0.25 0.00	12.84 0.31 0.00	14.50 0.41 0.00	13.81 0.36 0.00	18.64 0.52 0.00	20.46 0.73 0.00	24.27 0.79 0.00	23.04 0.62 0.00	26.99 0.58 0.00	27.29 0.38 0.00	27.03 0.48 0.00	27.12 0.51 0.00	26.33 0.45 0.00	30.16 0.63 0.00	32.34 0.86 0.00	30.55 0.83 0.00	31.25 0.86 0.00	29.75 0.80 0.00	22.90 0.39 0.00	23.80 0.10 0.00
N.AKRON___115KV_KNAPP 355671	19.65 0.00 0.00	15.99 0.03 0.00	13.40 0.09 0.00	13.61 0.06 0.00	11.94 0.10 0.00	12.66 0.14 0.00	14.08 -0.01 0.00	13.38 -0.08 0.00	17.86 -0.26 0.00	19.11 -0.63 0.00	22.67 -0.82 0.00	21.65 -0.77 0.00	25.69 -0.72 0.00	26.17 -0.74 0.00	25.90 -0.66 0.00	25.92 -0.69 0.00	25.03 -0.85 0.00	28.69 -0.85 0.00	30.61 -0.87 0.00	28.91 -0.81 -0.01	29.76 -0.63 0.00	28.28 -0.67 0.00	22.25 -0.27 0.00	23.91 0.20 0.00

N.BELMOR_69_KV_BK1 55787	20.91 1.26 0.00	16.91 0.95 0.00	14.11 0.79 0.00	14.34 0.79 0.00	12.51 0.67 0.00	13.23 0.70 0.00	14.94 0.85 0.00	14.29 0.84 0.00	19.37 1.25 0.00	21.08 1.34 0.00	25.25 1.77 0.00	25.54 1.79 -1.34	28.47 2.06 0.00	29.05 2.14 0.00	28.63 2.08 0.00	28.58 1.96 0.00	27.93 2.04 0.00	32.06 2.52 0.00	34.03 2.56 0.00	32.27 2.50 -0.06	32.58 2.19 0.00	30.99 2.05 0.00	24.10 1.59 0.00	25.11 1.41 0.00
N.E_GEN_SANDY PD 24062	20.11 0.57 0.11	16.44 0.49 0.00	13.73 0.41 0.00	13.99 0.43 0.00	12.20 0.36 0.00	12.90 0.37 0.00	14.51 0.42 0.00	13.83 0.38 0.00	18.65 0.53 0.00	20.06 0.58 0.25	24.45 0.78 -0.19	23.17 0.76 0.00	28.09 0.95 -0.73	26.24 1.05 1.72	27.49 0.94 0.00	27.58 0.96 0.00	26.82 0.93 0.00	30.80 1.27 0.00	32.85 1.38 0.00	31.05 1.26 -0.07	30.75 1.11 0.75	29.99 1.04 0.00	23.10 0.59 0.00	24.28 0.57 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.60 0.95 0.00	16.68 0.73 0.00	13.89 0.58 0.00	14.14 0.59 0.00	12.33 0.49 0.00	13.04 0.52 0.00	14.70 0.61 0.00	14.06 0.61 0.00	18.98 0.86 0.00	20.69 0.95 0.00	24.69 1.21 0.00	23.63 1.21 0.00	27.86 1.44 0.00	28.41 1.50 0.00	28.00 1.44 0.00	28.02 1.41 0.00	27.31 1.43 0.00	31.36 1.82 0.00	33.39 1.92 0.00	31.59 1.82 -0.06	31.98 1.60 0.00	30.42 1.47 0.00	23.58 1.06 0.00	24.74 1.03 0.00
N.QUEENS_27_KV_LOAD 356247	20.81 1.15 0.00	16.83 0.87 0.00	14.03 0.71 0.00	14.27 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.85 0.76 0.00	14.19 0.74 0.00	19.19 1.07 0.00	20.90 1.17 0.00	24.93 1.45 0.00	23.85 1.44 0.00	28.06 1.65 0.00	28.63 1.72 0.00	28.20 1.65 0.00	28.17 1.56 0.00	27.52 1.65 0.00	31.57 2.04 0.00	33.60 2.13 0.00	31.82 2.05 -0.06	32.17 1.78 0.00	30.67 1.72 0.00	23.79 1.28 0.00	24.97 1.27 0.00
N.TROY___115KV_TB1 355778	20.26 0.61 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.00 0.45 0.00	12.22 0.38 0.00	12.92 0.40 0.00	14.52 0.43 0.00	13.85 0.40 0.00	18.69 0.57 0.00	20.36 0.62 0.00	24.31 0.83 0.00	23.21 0.80 0.00	27.39 0.98 0.00	27.99 1.08 0.00	27.54 0.99 0.00	27.63 1.02 0.00	26.87 0.99 0.00	30.85 1.32 0.00	32.94 1.46 0.00	31.12 1.33 -0.08	31.61 1.22 0.00	30.08 1.13 0.00	23.17 0.66 0.00	24.37 0.66 0.00
NARROWS_GT1_1 24228	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_2 24229	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_3 24230	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_4 24231	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_5 24232	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_6 24233	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_7 24234	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT1_8 24235	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_1 24236	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_2 24237	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00

NARROWS_GT2_3 24238	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_4 24239	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_5 24240	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_6 24241	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_7 24242	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NARROWS_GT2_8 24243	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	20.30 0.65 0.00	16.48 0.52 0.00	13.76 0.45 0.00	14.00 0.46 0.00	12.29 0.45 0.00	12.94 0.42 0.00	14.55 0.46 0.00	13.91 0.46 0.00	18.79 0.67 0.00	20.49 0.75 0.00	24.49 1.01 0.00	23.37 0.95 0.00	27.61 1.20 0.00	28.22 1.31 0.00	27.78 1.22 0.00	27.87 1.26 0.00	27.14 1.26 0.00	31.19 1.65 0.00	33.29 1.81 0.00	31.44 1.65 -0.07	31.91 1.52 0.00	30.30 1.35 0.00	23.31 0.79 0.00	24.47 0.76 0.00
NCHELSEA_115KV_TR2 355582	20.67 1.02 0.00	16.74 0.79 0.00	13.95 0.64 0.00	14.20 0.66 0.00	12.39 0.56 0.00	13.11 0.59 0.00	14.78 0.68 0.00	14.12 0.67 0.00	19.07 0.95 0.00	20.79 1.05 0.00	24.82 1.33 0.00	23.74 1.32 0.00	27.99 1.58 0.00	28.56 1.64 0.00	28.13 1.57 0.00	28.15 1.54 0.00	27.45 1.57 0.00	31.51 1.98 0.00	33.57 2.09 0.00	31.75 1.97 -0.06	32.16 1.77 0.00	30.57 1.62 0.00	23.67 1.15 0.00	24.82 1.11 0.00
NEG CAPITAL___MECHNVIL 23645	20.61 0.96 0.00	16.74 0.79 0.00	13.98 0.66 0.00	14.23 0.68 0.00	12.42 0.58 0.00	13.14 0.61 0.00	14.79 0.70 0.00	14.12 0.66 0.00	19.06 0.94 0.00	20.77 1.04 0.00	24.80 1.31 0.00	23.68 1.26 0.00	27.90 1.48 0.00	28.50 1.59 0.00	28.04 1.49 0.00	28.12 1.51 0.00	27.40 1.52 0.00	31.49 1.95 0.00	33.65 2.17 0.00	31.80 2.01 -0.08	32.28 1.89 0.00	30.66 1.71 0.00	23.62 1.10 0.00	24.81 1.10 0.00
NEG CENTRAL_HIGH_ACRES 23767	19.20 -0.45 0.00	15.60 -0.36 0.00	13.02 -0.29 0.00	13.23 -0.32 0.00	11.58 -0.26 0.00	12.27 -0.25 0.00	13.76 -0.33 0.00	13.13 -0.33 0.00	17.63 -0.49 0.00	19.03 -0.71 0.00	22.59 -0.89 0.00	21.60 -0.82 0.00	25.57 -0.84 0.00	26.04 -0.87 0.00	25.74 -0.81 0.00	25.79 -0.82 0.00	25.01 -0.87 0.00	28.66 -0.88 0.00	30.54 -0.94 0.00	28.86 -0.86 -0.01	29.56 -0.83 0.00	28.07 -0.89 0.00	21.92 -0.60 0.00	23.30 -0.40 0.00
NEG CENTRAL___DRP 24199	19.64 -0.01 0.00	15.94 -0.01 0.00	13.28 -0.04 0.00	13.52 -0.03 0.00	11.84 0.00 0.00	12.50 -0.03 0.00	14.04 -0.05 0.00	13.45 0.00 0.00	18.10 -0.02 0.00	19.63 -0.11 0.00	23.39 -0.09 0.00	22.34 -0.08 0.00	26.42 0.01 0.00	26.91 0.00 0.00	26.60 0.05 0.00	26.64 0.03 0.00	25.92 0.03 0.00	29.66 0.12 0.00	31.63 0.15 0.00	29.91 0.19 -0.01	30.58 0.19 0.00	28.97 0.02 0.00	22.62 0.10 0.00	23.95 0.24 0.00
NEG CENTRAL___INDECK 23768	20.01 0.36 0.00	16.28 0.32 0.00	13.56 0.24 0.00	13.76 0.21 0.00	12.07 0.23 0.00	12.69 0.16 0.00	14.23 0.14 0.00	13.62 0.17 0.00	18.29 0.17 0.00	19.74 0.01 0.00	23.43 -0.05 0.00	22.33 -0.09 0.00	26.44 0.03 0.00	26.94 0.03 0.00	26.67 0.11 0.00	26.80 0.18 0.00	26.04 0.16 0.00	29.93 0.40 0.00	31.98 0.50 0.00	30.25 0.53 -0.01	31.11 0.73 0.00	29.49 0.54 0.00	23.05 0.54 0.00	24.48 0.77 0.00
NEG CENTRAL___SENECA 23627	19.69 0.04 0.00	15.98 0.02 0.00	13.30 -0.01 0.00	13.55 0.00 0.00	11.86 0.02 0.00	12.51 -0.02 0.00	14.05 -0.04 0.00	13.46 0.01 0.00	18.12 0.00 0.00	19.64 -0.10 0.00	23.38 -0.10 0.00	22.33 -0.09 0.00	26.40 -0.01 0.00	26.90 -0.01 0.00	26.60 0.05 0.00	26.62 0.00 0.00	25.92 0.03 0.00	29.62 0.08 0.00	31.63 0.15 0.00	29.89 0.17 -0.01	30.60 0.21 0.00	28.98 0.03 0.00	22.70 0.18 0.00	24.01 0.30 0.00
NEG CENTRAL___STATE_STREET 24147	19.83 0.18 0.00	16.11 0.16 0.00	13.38 0.07 0.00	13.67 0.12 0.00	11.94 0.10 0.00	12.65 0.13 0.00	14.20 0.11 0.00	13.59 0.14 0.00	18.33 0.21 0.00	19.81 0.07 0.00	23.62 0.14 0.00	22.54 0.12 0.00	26.67 0.25 0.00	27.12 0.21 0.00	26.78 0.23 0.00	26.88 0.27 0.00	26.05 0.16 0.00	29.93 0.39 0.00	31.80 0.33 0.00	30.14 0.42 -0.01	30.81 0.42 0.00	29.27 0.32 0.00	22.67 0.15 0.00	24.01 0.30 0.00
NEG MILLWOOD___DRP 24198	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.99 0.00	20.84 1.10 0.00	24.87 1.39 0.00	23.80 1.39 0.00	28.05 1.63 0.00	28.62 1.71 0.00	28.19 1.63 0.00	28.21 1.60 0.00	27.51 1.63 0.00	31.58 2.05 0.00	33.64 2.17 0.00	31.82 2.05 -0.06	32.23 1.84 0.00	30.63 1.68 0.00	23.71 1.19 0.00	24.86 1.16 0.00



NEG NORTH_FLCN_SEA 23793	20.03 0.38 0.00	16.26 0.31 0.00	13.59 0.28 0.00	13.86 0.31 0.00	12.16 0.31 0.00	12.92 0.40 0.00	14.59 0.51 0.00	13.91 0.46 0.00	18.76 0.64 0.00	20.62 0.88 0.00	24.57 1.08 0.00	23.32 0.90 0.00	27.32 0.90 0.00	27.53 0.62 0.00	27.35 0.79 0.00	27.50 0.88 0.00	26.60 0.71 0.00	30.58 1.05 0.00	32.83 1.36 0.00	30.97 1.26 0.00	31.56 1.17 0.00	29.95 1.00 0.00	22.98 0.46 0.00	23.82 0.11 0.00
NEG NORTH_KES_CHATEGAY 23792	19.87 0.22 0.00	16.13 0.17 0.00	13.48 0.16 0.00	13.73 0.19 0.00	12.05 0.21 0.00	12.81 0.29 0.00	14.46 0.37 0.00	13.76 0.31 0.00	18.56 0.44 0.00	20.40 0.66 0.00	24.25 0.77 0.00	23.05 0.63 0.00	27.00 0.59 0.00	27.28 0.37 0.00	27.03 0.47 0.00	27.15 0.54 0.00	26.33 0.45 0.00	30.20 0.66 0.00	32.37 0.90 0.00	30.56 0.85 0.00	31.23 0.83 0.00	29.65 0.70 0.00	22.75 0.23 0.00	23.60 -0.10 0.00
NEG NORTH___ALICE_FALLS 23915	20.05 0.40 0.00	16.27 0.32 0.00	13.60 0.29 0.00	13.86 0.32 0.00	12.16 0.32 0.00	12.93 0.40 0.00	14.61 0.52 0.00	13.92 0.47 0.00	18.78 0.66 0.00	20.65 0.91 0.00	24.61 1.12 0.00	23.34 0.93 0.00	27.32 0.91 0.00	27.55 0.64 0.00	27.35 0.79 0.00	27.51 0.89 0.00	26.64 0.76 0.00	30.67 1.13 0.00	32.95 1.47 0.00	31.09 1.38 0.00	31.70 1.31 0.00	30.07 1.12 0.00	23.04 0.52 0.00	23.88 0.17 0.00
NEG NORTH___LWR_SARANAC 23913	20.05 0.40 0.00	16.27 0.32 0.00	13.60 0.29 0.00	13.86 0.32 0.00	12.16 0.32 0.00	12.93 0.40 0.00	14.61 0.52 0.00	13.92 0.47 0.00	18.78 0.66 0.00	20.65 0.91 0.00	24.61 1.12 0.00	23.34 0.93 0.00	27.32 0.91 0.00	27.55 0.64 0.00	27.35 0.79 0.00	27.51 0.89 0.00	26.64 0.76 0.00	30.67 1.13 0.00	32.95 1.47 0.00	31.09 1.38 0.00	31.70 1.31 0.00	30.07 1.12 0.00	23.04 0.52 0.00	23.88 0.17 0.00
NEG NORTH___PLATTSBURG 23628	20.05 0.40 0.00	16.27 0.32 0.00	13.60 0.29 0.00	13.86 0.31 0.00	12.16 0.32 0.00	12.93 0.40 0.00	14.61 0.52 0.00	13.92 0.47 0.00	18.78 0.66 0.00	20.65 0.92 0.00	24.61 1.12 0.00	23.34 0.93 0.00	27.32 0.91 0.00	27.55 0.64 0.00	27.35 0.79 0.00	27.51 0.89 0.00	26.64 0.76 0.00	30.67 1.13 0.00	32.95 1.47 0.00	31.09 1.38 0.00	31.70 1.31 0.00	30.07 1.12 0.00	23.04 0.52 0.00	23.88 0.17 0.00
NEG WEST_LEA_LOCKPORT 23791	19.43 -0.22 0.00	15.82 -0.13 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.81 -0.03 0.00	12.53 0.00 0.00	13.92 -0.16 0.00	13.22 -0.23 0.00	17.63 -0.49 0.00	18.84 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.06 0.00	25.81 -1.10 0.00	25.55 -1.01 0.00	25.56 -1.05 0.00	24.65 -1.23 0.00	28.24 -1.30 0.00	30.10 -1.38 0.00	28.42 -1.30 -0.01	29.29 -1.10 0.00	27.86 -1.10 0.00	21.96 -0.56 0.00	23.62 -0.08 0.00
NEG WEST___LANCASTR 23811	20.27 0.62 0.00	16.46 0.50 0.00	13.75 0.44 0.00	13.97 0.42 0.00	12.25 0.41 0.00	12.97 0.44 0.00	14.50 0.41 0.00	13.81 0.36 0.00	18.45 0.33 0.00	19.77 0.03 0.00	23.42 -0.06 0.00	22.34 -0.08 0.00	26.51 0.10 0.00	26.97 0.06 0.00	26.69 0.14 0.00	26.69 0.08 0.00	25.83 -0.05 0.00	29.59 0.06 0.00	31.58 0.10 0.00	29.78 0.05 -0.01	30.67 0.28 0.00	29.19 0.24 0.00	22.95 0.43 0.00	24.57 0.87 0.00
NEG_PENN_ALLEGHNY 23528	19.85 0.20 0.00	16.09 0.13 0.00	13.41 0.09 0.00	13.67 0.12 0.00	11.95 0.11 0.00	12.62 0.10 0.00	14.20 0.11 0.00	13.58 0.14 0.00	18.28 0.16 0.00	19.86 0.12 0.00	23.62 0.14 0.00	22.55 0.13 0.00	26.64 0.23 0.00	27.12 0.21 0.00	26.77 0.22 0.00	26.82 0.21 0.00	26.15 0.27 0.00	29.92 0.38 0.00	31.92 0.44 0.00	30.13 0.39 -0.02	30.80 0.41 0.00	29.25 0.30 0.00	22.77 0.25 0.00	24.03 0.32 0.00
NEG___GEN_MONROE 24207	19.73 0.07 0.00	16.03 0.08 0.00	13.44 0.12 0.00	13.64 0.09 0.00	11.95 0.11 0.00	12.66 0.13 0.00	14.16 0.07 0.00	13.49 0.04 0.00	18.08 -0.05 0.00	19.39 -0.35 0.00	22.96 -0.53 0.00	21.93 -0.48 0.00	25.97 -0.44 0.00	26.46 -0.45 0.00	26.17 -0.39 0.00	26.22 -0.40 0.00	25.39 -0.49 0.00	29.11 -0.43 0.00	31.04 -0.44 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.58 -0.37 0.00	22.39 -0.13 0.00	23.88 0.17 0.00
NEPA___ENERGY 23901	19.79 0.14 0.00	16.03 0.08 0.00	13.36 0.04 0.00	13.65 0.10 0.00	11.95 0.11 0.00	12.63 0.11 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.04 -0.08 0.00	19.39 -0.35 0.00	23.02 -0.46 0.00	21.96 -0.46 0.00	26.09 -0.32 0.00	26.46 -0.45 0.00	26.22 -0.33 0.00	26.19 -0.42 0.00	25.44 -0.45 0.00	29.09 -0.45 0.00	31.12 -0.36 0.00	29.36 -0.37 0.00	30.21 -0.18 0.00	28.70 -0.25 0.00	22.58 0.06 0.00	24.10 0.39 0.00
NEVERSINK___HYD 23608	20.41 0.76 0.00	16.52 0.57 0.00	13.76 0.44 0.00	14.00 0.45 0.00	12.21 0.37 0.00	12.93 0.40 0.00	14.57 0.49 0.00	13.95 0.50 0.00	18.85 0.73 0.00	20.46 0.73 0.00	23.82 0.34 0.00	22.78 0.37 0.00	26.83 0.42 0.00	27.37 0.46 0.00	26.99 0.43 0.00	27.00 0.39 0.00	26.35 0.47 0.00	30.24 0.70 0.00	32.19 0.72 0.00	30.46 0.69 -0.05	30.86 0.47 0.00	29.40 0.45 0.00	23.43 0.91 0.00	24.54 0.83 0.00
NEWKRMKL_115KV_TB1 55635	19.92 0.26 0.00	16.18 0.22 0.00	13.51 0.19 0.00	13.75 0.19 0.00	12.06 0.22 0.00	12.70 0.17 0.00	14.27 0.18 0.00	13.63 0.17 0.00	18.37 0.25 0.00	20.01 0.27 0.00	23.89 0.40 0.00	22.82 0.40 0.00	26.93 0.52 0.00	27.51 0.60 0.00	27.08 0.53 0.00	27.16 0.55 0.00	26.42 0.53 0.00	30.32 0.78 0.00	32.32 0.84 0.00	30.54 0.75 -0.08	31.02 0.63 0.00	29.52 0.57 0.00	22.79 0.28 0.00	23.96 0.26 0.00
NEWTON___FALLS_HYD 23847	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.19 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
NGRID_A1_DSASP 323792	19.27 -0.39 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.69 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.47 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.26 0.00	25.10 -1.31 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.33 0.00	24.31 -1.58 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.91 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.58 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
NGRID_A2_DSASP 323793	19.27 -0.39 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.69 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.47 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.26 0.00	25.10 -1.31 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.33 0.00	24.31 -1.58 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.91 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.58 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00

NGRID_A4_DSASP 323807	19.27 -0.38 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.70 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.48 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.27 0.00	25.09 -1.32 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.32 0.00	24.31 -1.57 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.90 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.59 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
NIAGARA_115E_LBMP 323715	19.14 -0.52 0.00	15.58 -0.37 0.00	13.09 -0.23 0.00	13.30 -0.25 0.00	11.67 -0.17 0.00	12.38 -0.15 0.00	13.72 -0.36 0.00	13.01 -0.44 0.00	17.34 -0.78 0.00	18.51 -1.23 0.00	21.96 -1.52 0.00	20.99 -1.42 0.00	24.89 -1.52 0.00	25.36 -1.55 0.00	25.11 -1.45 0.00	25.12 -1.49 0.00	24.19 -1.69 0.00	27.72 -1.82 0.00	29.54 -1.93 0.00	27.88 -1.84 -0.01	28.74 -1.66 0.00	27.33 -1.62 0.00	21.58 -0.94 0.00	23.28 -0.43 0.00
NIAGARA_115W_LBMP 323714	19.24 -0.41 0.00	15.68 -0.28 0.00	13.14 -0.17 0.00	13.31 -0.24 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.80 -0.29 0.00	13.10 -0.35 0.00	17.45 -0.67 0.00	18.63 -1.11 0.00	22.09 -1.40 0.00	21.12 -1.30 0.00	25.06 -1.35 0.00	25.51 -1.40 0.00	25.25 -1.30 0.00	25.25 -1.36 0.00	24.27 -1.61 0.00	27.69 -1.84 0.00	29.51 -1.97 0.00	27.85 -1.88 -0.01	28.71 -1.68 0.00	27.31 -1.64 0.00	21.56 -0.96 0.00	23.19 -0.51 0.00
NIAGARA_230_LBMP 323716	19.28 -0.37 0.00	15.71 -0.25 0.00	13.17 -0.15 0.00	13.35 -0.20 0.00	11.71 -0.13 0.00	12.42 -0.11 0.00	13.83 -0.26 0.00	13.13 -0.32 0.00	17.50 -0.62 0.00	18.69 -1.04 0.00	22.16 -1.32 0.00	21.19 -1.23 0.00	25.14 -1.28 0.00	25.58 -1.33 0.00	25.32 -1.23 0.00	25.32 -1.29 0.00	24.41 -1.47 0.00	27.95 -1.59 0.00	29.78 -1.70 0.00	28.11 -1.61 -0.01	28.97 -1.42 0.00	27.57 -1.37 0.00	21.74 -0.78 0.00	23.38 -0.32 0.00
NIAGARA__115KV_198_GIBSON 55903	19.24 -0.41 0.00	15.68 -0.28 0.00	13.14 -0.17 0.00	13.31 -0.24 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.80 -0.29 0.00	13.10 -0.35 0.00	17.45 -0.67 0.00	18.63 -1.11 0.00	22.09 -1.40 0.00	21.12 -1.30 0.00	25.05 -1.35 0.00	25.51 -1.40 0.00	25.25 -1.31 0.00	25.26 -1.36 0.00	24.27 -1.61 0.00	27.69 -1.85 0.00	29.51 -1.97 0.00	27.84 -1.88 -0.01	28.71 -1.68 0.00	27.31 -1.64 0.00	21.56 -0.95 0.00	23.18 -0.52 0.00
NIAGARA____ 23760	19.28 -0.37 0.00	15.71 -0.25 0.00	13.17 -0.15 0.00	13.35 -0.20 0.00	11.71 -0.13 0.00	12.42 -0.11 0.00	13.83 -0.26 0.00	13.13 -0.32 0.00	17.50 -0.62 0.00	18.69 -1.04 0.00	22.16 -1.32 0.00	21.19 -1.23 0.00	25.14 -1.28 0.00	25.58 -1.33 0.00	25.32 -1.23 0.00	25.32 -1.29 0.00	24.41 -1.47 0.00	27.95 -1.59 0.00	29.78 -1.70 0.00	28.11 -1.61 -0.01	28.97 -1.42 0.00	27.57 -1.37 0.00	21.74 -0.78 0.00	23.38 -0.32 0.00
NINE_MILE_1 23575	19.18 -0.47 0.00	15.57 -0.38 0.00	12.99 -0.32 0.00	13.22 -0.33 0.00	11.56 -0.28 0.00	12.23 -0.30 0.00	13.75 -0.34 0.00	13.13 -0.32 0.00	17.68 -0.44 0.00	19.19 -0.55 0.00	22.80 -0.69 0.00	21.76 -0.65 0.00	25.68 -0.73 0.00	26.16 -0.75 0.00	25.83 -0.73 0.00	25.89 -0.73 0.00	25.17 -0.71 0.00	28.79 -0.75 0.00	30.69 -0.79 0.00	28.97 -0.75 0.00	29.63 -0.76 0.00	28.18 -0.77 0.00	21.93 -0.59 0.00	23.18 -0.52 0.00
NINE_MILE_2 23744	19.19 -0.47 0.00	15.57 -0.38 0.00	12.99 -0.32 0.00	13.23 -0.33 0.00	11.56 -0.28 0.00	12.23 -0.30 0.00	13.75 -0.34 0.00	13.13 -0.32 0.00	17.68 -0.44 0.00	19.19 -0.55 0.00	22.80 -0.69 0.00	21.77 -0.65 0.00	25.68 -0.73 0.00	26.17 -0.74 0.00	25.83 -0.72 0.00	25.89 -0.72 0.00	25.17 -0.71 0.00	28.79 -0.75 0.00	30.69 -0.79 0.00	28.97 -0.75 0.00	29.63 -0.76 0.00	28.19 -0.76 0.00	21.93 -0.59 0.00	23.18 -0.52 0.00
NM_CAPITAL____DRP 24208	19.95 0.29 0.00	16.21 0.25 0.00	13.53 0.22 0.00	13.77 0.22 0.00	12.07 0.23 0.00	12.71 0.19 0.00	14.28 0.19 0.00	13.63 0.18 0.00	18.39 0.27 0.00	20.03 0.29 0.00	23.91 0.42 0.00	22.84 0.43 0.00	26.96 0.55 0.00	27.54 0.64 0.00	27.11 0.55 0.00	27.19 0.58 0.00	26.44 0.56 0.00	30.35 0.81 0.00	32.35 0.88 0.00	30.58 0.78 -0.08	31.06 0.66 0.00	29.56 0.61 0.00	22.82 0.30 0.00	24.00 0.29 0.00
NM_CENTRAL____DRP 24181	19.54 -0.11 0.00	15.86 -0.10 0.00	13.23 -0.08 0.00	13.46 -0.09 0.00	11.77 -0.07 0.00	12.44 -0.08 0.00	14.00 -0.09 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.55 -0.18 0.00	23.23 -0.25 0.00	22.20 -0.22 0.00	26.20 -0.21 0.00	26.70 -0.21 0.00	26.36 -0.19 0.00	26.42 -0.20 0.00	25.70 -0.18 0.00	29.42 -0.12 0.00	31.37 -0.11 0.00	29.62 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.65 -0.06 0.00
NM_FRONTIER____DRP 24179	19.24 -0.41 0.00	15.68 -0.28 0.00	13.14 -0.17 0.00	13.31 -0.24 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.80 -0.29 0.00	13.10 -0.35 0.00	17.45 -0.67 0.00	18.63 -1.11 0.00	22.09 -1.40 0.00	21.12 -1.30 0.00	25.05 -1.35 0.00	25.51 -1.40 0.00	25.25 -1.31 0.00	25.26 -1.36 0.00	24.27 -1.61 0.00	27.69 -1.85 0.00	29.51 -1.97 0.00	27.84 -1.88 -0.01	28.71 -1.68 0.00	27.31 -1.64 0.00	21.56 -0.95 0.00	23.18 -0.52 0.00
NM_ST_REGIS____HYD 24053	19.76 0.11 0.00	16.05 0.10 0.00	13.42 0.11 0.00	13.65 0.10 0.00	11.94 0.10 0.00	12.67 0.15 0.00	14.29 0.20 0.00	13.64 0.19 0.00	18.39 0.28 0.00	20.16 0.42 0.00	23.84 0.35 0.00	22.50 0.08 0.00	26.38 -0.03 0.00	26.76 -0.15 0.00	26.46 -0.10 0.00	26.51 -0.10 0.00	25.75 -0.13 0.00	29.38 -0.15 0.00	31.39 -0.09 0.00	29.69 -0.02 0.00	30.46 0.06 0.00	29.25 0.30 0.00	22.76 0.25 0.00	23.76 0.05 0.00
NORTHPORT____1 23551	20.90 1.25 0.00	16.91 0.95 0.00	14.12 0.81 0.00	14.37 0.82 0.00	12.54 0.70 0.00	13.24 0.72 0.00	14.98 0.89 0.00	14.32 0.87 0.00	19.40 1.28 0.00	21.10 1.36 0.00	25.31 1.82 0.00	25.61 1.86 -1.34	28.50 2.09 0.00	29.15 2.24 0.00	28.77 2.21 0.00	28.67 2.06 0.00	28.04 2.16 0.00	32.20 2.66 0.00	34.12 2.64 0.00	32.37 2.60 -0.06	32.62 2.23 0.00	31.06 2.10 0.00	24.22 1.71 0.00	25.12 1.42 0.00
NORTHPORT____2 23552	20.90 1.25 0.00	16.91 0.95 0.00	14.12 0.81 0.00	14.37 0.82 0.00	12.54 0.70 0.00	13.24 0.72 0.00	14.98 0.89 0.00	14.32 0.87 0.00	19.40 1.28 0.00	21.10 1.36 0.00	25.31 1.82 0.00	25.61 1.86 -1.34	28.50 2.09 0.00	29.15 2.24 0.00	28.77 2.21 0.00	28.67 2.06 0.00	28.04 2.16 0.00	32.20 2.66 0.00	34.12 2.64 0.00	32.37 2.60 -0.06	32.62 2.23 0.00	31.06 2.10 0.00	24.22 1.71 0.00	25.12 1.42 0.00
NORTHPORT____3 23553	20.69 1.04 0.00	16.73 0.78 0.00	13.98 0.66 0.00	14.21 0.67 0.00	12.40 0.56 0.00	13.10 0.58 0.00	14.80 0.71 0.00	14.16 0.71 0.00	19.19 1.08 0.00	20.88 1.15 0.00	25.04 1.55 0.00	25.36 1.60 -1.34	28.23 1.81 0.00	28.83 1.92 0.00	28.42 1.86 0.00	28.36 1.75 0.00	27.72 1.83 0.00	31.83 2.29 0.00	33.77 2.29 0.00	32.03 2.25 -0.06	32.29 1.90 0.00	30.72 1.77 0.00	23.93 1.41 0.00	24.87 1.17 0.00

NORTHPORT___4 23650	20.69 1.04 0.00	16.73 0.78 0.00	13.98 0.66 0.00	14.21 0.67 0.00	12.40 0.56 0.00	13.10 0.58 0.00	14.80 0.71 0.00	14.16 0.71 0.00	19.19 1.08 0.00	20.88 1.15 0.00	25.04 1.55 0.00	25.36 1.60 -1.34	28.23 1.81 0.00	28.83 1.92 0.00	28.42 1.86 0.00	28.36 1.75 0.00	27.72 1.83 0.00	31.83 2.29 0.00	33.77 2.29 0.00	32.03 2.25 -0.06	32.29 1.90 0.00	30.72 1.77 0.00	23.93 1.41 0.00	24.87 1.17 0.00
NORTHPORT___IC 23718	20.90 1.25 0.00	16.91 0.95 0.00	14.12 0.81 0.00	14.37 0.82 0.00	12.54 0.70 0.00	13.24 0.72 0.00	14.98 0.89 0.00	14.32 0.87 0.00	19.40 1.28 0.00	21.10 1.36 0.00	25.31 1.82 0.00	25.61 1.86 -1.34	28.50 2.09 0.00	29.15 2.24 0.00	28.77 2.21 0.00	28.67 2.06 0.00	28.04 2.16 0.00	32.20 2.66 0.00	34.12 2.64 0.00	32.37 2.60 -0.06	32.62 2.23 0.00	31.06 2.10 0.00	24.22 1.71 0.00	25.12 1.42 0.00
NORTH___COUNTRY_ESR 323785	19.81 0.15 0.00	16.07 0.12 0.00	13.43 0.11 0.00	13.69 0.14 0.00	12.02 0.18 0.00	12.77 0.25 0.00	14.41 0.32 0.00	13.71 0.26 0.00	18.49 0.37 0.00	20.34 0.60 0.00	24.19 0.71 0.00	22.99 0.57 0.00	26.93 0.52 0.00	27.21 0.30 0.00	26.96 0.41 0.00	27.09 0.48 0.00	26.25 0.37 0.00	30.10 0.56 0.00	32.25 0.77 0.00	30.44 0.73 0.00	31.10 0.71 0.00	29.54 0.58 0.00	22.66 0.14 0.00	23.51 -0.19 0.00
NPX_GEN_1385_PROXY 323591	20.68 1.03 0.00	16.73 0.77 0.00	14.05 0.73 0.00	14.37 0.82 0.00	12.47 0.63 0.00	13.10 0.58 0.00	14.98 0.89 0.00	14.32 0.86 0.00	19.28 1.17 0.00	20.87 1.13 0.00	24.96 1.48 0.00	25.37 1.61 -1.34	28.04 1.62 0.00	28.97 2.06 0.00	28.70 2.15 0.00	28.38 1.77 0.00	27.92 2.04 0.00	32.06 2.52 0.00	33.78 2.30 0.00	32.19 2.41 -0.06	32.15 1.76 0.00	30.75 1.80 0.00	24.24 1.73 0.00	24.69 0.99 0.00
NPX_GEN_CSC 323557	21.19 1.54 0.00	17.14 1.19 0.00	14.32 1.01 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.18 1.09 0.00	14.53 1.08 0.00	19.70 1.58 0.00	21.47 1.73 0.00	25.74 2.26 0.00	26.05 2.30 -1.34	29.05 2.64 0.00	29.67 2.75 0.00	29.28 2.72 0.00	29.22 2.60 0.00	28.57 2.68 0.00	32.82 3.28 0.00	34.84 3.36 0.00	33.03 3.26 -0.06	33.24 2.85 0.00	31.59 2.64 0.00	24.60 2.08 0.00	25.51 1.81 0.00
NSINS_S_GLNS_FALLS 23858	20.95 1.30 0.00	17.01 1.05 0.00	14.21 0.89 0.00	14.48 0.93 0.00	12.63 0.79 0.00	13.36 0.84 0.00	15.08 0.99 0.00	14.40 0.95 0.00	19.44 1.32 0.00	21.22 1.48 0.00	25.35 1.87 0.00	24.18 1.76 0.00	28.38 1.97 0.00	28.99 2.08 0.00	28.47 1.92 0.00	28.51 1.89 0.00	27.90 2.02 0.00	32.08 2.55 0.00	34.47 3.00 0.00	32.55 2.76 -0.08	32.99 2.60 0.00	31.27 2.32 0.00	24.02 1.50 0.00	25.16 1.45 0.00
NUCOR_STEEL___DRP 24197	19.82 0.17 0.00	16.11 0.16 0.00	13.38 0.06 0.00	13.67 0.12 0.00	11.94 0.10 0.00	12.65 0.13 0.00	14.20 0.11 0.00	13.59 0.14 0.00	18.33 0.21 0.00	19.80 0.06 0.00	23.61 0.13 0.00	22.53 0.11 0.00	26.65 0.24 0.00	27.11 0.20 0.00	26.76 0.21 0.00	26.88 0.27 0.00	26.02 0.13 0.00	29.92 0.38 0.00	31.77 0.30 0.00	30.11 0.39 -0.01	30.78 0.40 0.00	29.26 0.31 0.00	22.64 0.13 0.00	23.98 0.28 0.00
NUMBER_THREE_WT_PWR 323818	19.72 0.07 0.00	16.02 0.07 0.00	13.46 0.15 0.00	13.70 0.15 0.00	11.94 0.11 0.00	12.66 0.14 0.00	14.30 0.21 0.00	13.69 0.24 0.00	18.45 0.33 0.00	20.07 0.34 0.00	23.83 0.34 0.00	22.55 0.14 0.00	26.61 0.20 0.00	27.08 0.17 0.00	26.73 0.17 0.00	26.67 0.05 0.00	25.99 0.11 0.00	30.10 0.56 0.00	32.11 0.63 0.00	30.32 0.60 0.00	31.03 0.64 0.00	29.55 0.60 0.00	22.95 0.43 0.00	24.13 0.43 0.00
NYISO_LBMP_REFERENCE 24008	19.65 0.00 0.00	15.96 0.00 0.00	13.31 0.00 0.00	13.55 0.00 0.00	11.84 0.00 0.00	12.52 0.00 0.00	14.09 0.00 0.00	13.45 0.00 0.00	18.12 0.00 0.00	19.74 0.00 0.00	23.48 0.00 0.00	22.42 0.00 0.00	26.41 0.00 0.00	26.91 0.00 0.00	26.55 0.00 0.00	26.61 0.00 0.00	25.88 0.00 0.00	29.54 0.00 0.00	31.48 0.00 0.00	29.71 0.00 0.00	30.39 0.00 0.00	28.95 0.00 0.00	22.52 0.00 0.00	23.71 0.00 0.00
NYPA_BRENTWD___GT 24164	21.12 1.46 0.00	17.07 1.12 0.00	14.25 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.36 0.84 0.00	15.11 1.02 0.00	14.45 1.00 0.00	19.60 1.48 0.00	21.34 1.60 0.00	25.58 2.09 0.00	25.89 2.13 -1.34	28.85 2.44 0.00	29.48 2.57 0.00	29.09 2.53 0.00	29.03 2.41 0.00	28.38 2.49 0.00	32.59 3.05 0.00	34.57 3.09 0.00	32.78 3.00 -0.06	33.02 2.63 0.00	31.41 2.46 0.00	24.46 1.94 0.00	25.40 1.69 0.00
NYPA_GOWANUS___GT5 24156	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NYPA_GOWANUS___GT6 24157	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.63 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.68 0.00	23.82 1.30 0.00	24.98 1.27 0.00
NYPA_HARLEM__RVR_GT1 24160	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.15 1.02 0.00	20.86 1.12 0.00	24.87 1.39 0.00	23.81 1.39 0.00	28.01 1.60 0.00	28.57 1.66 0.00	28.14 1.59 0.00	28.12 1.51 0.00	27.46 1.58 0.00	31.50 1.97 0.00	33.54 2.06 0.00	31.75 1.98 -0.06	32.10 1.71 0.00	30.60 1.65 0.00	23.74 1.22 0.00	24.90 1.20 0.00
NYPA_HARLEM__RVR_GT2 24161	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.15 1.02 0.00	20.86 1.12 0.00	24.87 1.39 0.00	23.81 1.39 0.00	28.01 1.60 0.00	28.57 1.66 0.00	28.14 1.59 0.00	28.12 1.51 0.00	27.46 1.58 0.00	31.50 1.97 0.00	33.54 2.06 0.00	31.75 1.98 -0.06	32.10 1.71 0.00	30.60 1.65 0.00	23.74 1.22 0.00	24.90 1.20 0.00
NYPA_KENT___GT 24152	20.80 1.14 0.00	16.82 0.87 0.00	14.02 0.70 0.00	14.27 0.71 0.00	12.44 0.60 0.00	13.15 0.63 0.00	14.84 0.75 0.00	14.18 0.73 0.00	19.16 1.04 0.00	20.88 1.14 0.00	24.92 1.44 0.00	23.87 1.45 0.00	28.06 1.65 0.00	28.60 1.69 0.00	28.19 1.64 0.00	28.18 1.57 0.00	27.51 1.63 0.00	31.54 2.00 0.00	33.56 2.08 0.00	31.76 1.99 -0.06	32.15 1.75 0.00	30.61 1.66 0.00	23.78 1.27 0.00	24.95 1.25 0.00

NYPA_POUCH1____GT 24155	20.83 1.18 0.00	16.85 0.90 0.00	14.04 0.73 0.00	14.29 0.74 0.00	12.46 0.62 0.00	13.18 0.66 0.00	14.86 0.77 0.00	14.20 0.75 0.00	19.18 1.07 0.00	20.92 1.18 0.00	24.96 1.47 0.00	23.92 1.50 0.00	28.10 1.69 0.00	28.65 1.74 0.01	28.23 1.69 0.02	28.21 1.62 0.02	27.54 1.67 0.01	31.58 2.06 0.02	33.62 2.15 0.00	31.84 2.06 -0.06	32.22 1.83 0.00	30.67 1.72 0.00	23.84 1.33 0.00	25.00 1.30 0.00
NYPA_VERNON____GT2 24162	20.79 1.14 0.00	16.82 0.86 0.00	14.01 0.70 0.00	14.25 0.71 0.00	12.44 0.60 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.15 1.03 0.00	20.88 1.14 0.00	24.91 1.43 0.00	23.85 1.44 0.00	28.05 1.64 0.00	28.58 1.67 0.00	28.16 1.60 0.00	28.16 1.55 0.00	27.49 1.60 0.00	31.52 1.98 0.00	33.52 2.05 0.00	31.72 1.95 -0.06	32.11 1.72 0.00	30.58 1.63 0.00	23.76 1.24 0.00	24.93 1.22 0.00
NYPA_VERNON____GT3 24163	20.79 1.14 0.00	16.82 0.86 0.00	14.01 0.70 0.00	14.25 0.71 0.00	12.44 0.60 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.15 1.03 0.00	20.88 1.14 0.00	24.91 1.43 0.00	23.85 1.44 0.00	28.05 1.64 0.00	28.58 1.67 0.00	28.16 1.60 0.00	28.16 1.55 0.00	27.49 1.60 0.00	31.52 1.98 0.00	33.52 2.05 0.00	31.72 1.95 -0.06	32.11 1.72 0.00	30.58 1.63 0.00	23.76 1.24 0.00	24.93 1.22 0.00
NYPA____ASTORIA_CC1 323568	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.15 1.59 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.48 1.95 0.00	33.49 2.01 0.00	31.70 1.92 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.20 0.00
NYPA____ASTORIA_CC2 323569	20.77 1.12 0.00	16.80 0.85 0.00	14.00 0.69 0.00	14.25 0.70 0.00	12.43 0.59 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.14 1.02 0.00	20.86 1.12 0.00	24.89 1.41 0.00	23.83 1.41 0.00	28.02 1.61 0.00	28.56 1.65 0.00	28.15 1.59 0.00	28.14 1.53 0.00	27.46 1.58 0.00	31.48 1.95 0.00	33.49 2.01 0.00	31.70 1.92 -0.06	32.09 1.70 0.00	30.56 1.61 0.00	23.73 1.22 0.00	24.91 1.20 0.00
NYPA____HOLTSVILL 23794	21.05 1.40 0.00	17.02 1.07 0.00	14.22 0.91 0.00	14.47 0.92 0.00	12.62 0.78 0.00	13.34 0.81 0.00	15.07 0.98 0.00	14.42 0.97 0.00	19.55 1.43 0.00	21.29 1.55 0.00	25.52 2.03 0.00	25.83 2.07 -1.34	28.79 2.38 0.00	29.40 2.49 0.00	29.02 2.46 0.00	28.95 2.34 0.00	28.30 2.42 0.00	32.51 2.97 0.00	34.49 3.01 0.00	32.71 2.94 -0.06	32.94 2.55 0.00	31.33 2.38 0.00	24.40 1.88 0.00	25.32 1.62 0.00
NYPA____HELLGATE_GT1 24158	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.15 1.02 0.00	20.86 1.12 0.00	24.87 1.39 0.00	23.81 1.39 0.00	28.01 1.60 0.00	28.57 1.66 0.00	28.14 1.59 0.00	28.12 1.51 0.00	27.46 1.58 0.00	31.50 1.97 0.00	33.54 2.06 0.00	31.75 1.98 -0.06	32.10 1.71 0.00	30.60 1.65 0.00	23.74 1.22 0.00	24.90 1.20 0.00
NYPA____HELLGATE_GT2 24159	20.75 1.10 0.00	16.79 0.84 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.16 0.71 0.00	19.15 1.02 0.00	20.86 1.12 0.00	24.87 1.39 0.00	23.81 1.39 0.00	28.01 1.60 0.00	28.57 1.66 0.00	28.14 1.59 0.00	28.12 1.51 0.00	27.46 1.58 0.00	31.50 1.97 0.00	33.54 2.06 0.00	31.75 1.98 -0.06	32.10 1.71 0.00	30.60 1.65 0.00	23.74 1.22 0.00	24.90 1.20 0.00
NYS_BARGE____HYD 23848	19.43 -0.22 0.00	15.82 -0.14 0.00	13.27 -0.05 0.00	13.47 -0.08 0.00	11.82 -0.02 0.00	12.53 0.01 0.00	13.93 -0.16 0.00	13.21 -0.24 0.00	17.62 -0.49 0.00	18.83 -0.90 0.00	22.35 -1.13 0.00	21.36 -1.06 0.00	25.35 -1.07 0.00	25.81 -1.10 0.00	25.55 -1.00 0.00	25.56 -1.06 0.00	24.66 -1.23 0.00	28.25 -1.29 0.00	30.12 -1.36 0.00	28.44 -1.28 -0.01	29.29 -1.10 0.00	27.86 -1.09 0.00	21.95 -0.56 0.00	23.63 -0.07 0.00
OAK ORCHARD____HYD 24046	19.53 -0.13 0.00	15.86 -0.09 0.00	13.26 -0.05 0.00	13.46 -0.09 0.00	11.79 -0.05 0.00	12.50 -0.03 0.00	13.99 -0.10 0.00	13.33 -0.12 0.00	17.87 -0.25 0.00	19.24 -0.49 0.00	22.83 -0.65 0.00	21.82 -0.59 0.00	25.84 -0.57 0.00	26.32 -0.59 0.00	26.03 -0.52 0.00	26.06 -0.55 0.00	25.26 -0.62 0.00	28.95 -0.59 0.00	30.86 -0.62 0.00	29.15 -0.57 -0.01	29.90 -0.49 0.00	28.42 -0.53 0.00	22.23 -0.28 0.00	23.69 -0.01 0.00
OAKDALE__35_KV_LOAD 356122	19.80 0.14 0.00	16.04 0.09 0.00	13.38 0.06 0.00	13.63 0.09 0.00	11.92 0.08 0.00	12.59 0.07 0.00	14.16 0.07 0.00	13.55 0.10 0.00	18.23 0.11 0.00	19.79 0.05 0.00	23.55 0.06 0.00	22.47 0.06 0.00	26.56 0.15 0.00	27.03 0.12 0.00	26.69 0.14 0.00	26.74 0.12 0.00	26.06 0.18 0.00	29.81 0.27 0.00	31.81 0.34 0.00	30.03 0.29 -0.02	30.69 0.29 0.00	29.15 0.20 0.00	22.69 0.17 0.00	23.95 0.24 0.00
OCC_CHEM____DRP 24175	19.27 -0.38 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.70 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.48 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.27 0.00	25.09 -1.32 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.32 0.00	24.31 -1.57 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.90 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.59 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
OH_GEN_PROXY 24063	19.31 -0.34 0.00	15.72 -0.24 0.00	13.17 -0.14 0.00	13.35 -0.20 0.00	11.71 -0.13 0.00	12.42 -0.10 0.00	13.84 -0.25 0.00	13.15 -0.30 0.00	17.54 -0.58 0.00	18.75 -0.99 0.00	22.21 -1.27 0.00	21.23 -1.19 0.00	25.19 -1.22 0.00	25.64 -1.27 0.00	25.38 -1.17 0.00	25.38 -1.24 0.00	24.48 -1.40 0.00	28.03 -1.51 0.00	29.88 -1.60 0.00	28.19 -1.53 -0.01	29.05 -1.34 0.00	27.65 -1.30 0.00	21.79 -0.73 0.00	23.40 -0.30 0.00
OLIN_CORP_DRP 24177	19.17 -0.48 0.00	15.61 -0.34 0.00	13.11 -0.21 0.00	13.31 -0.23 0.00	11.68 -0.16 0.00	12.39 -0.13 0.00	13.75 -0.34 0.00	13.04 -0.41 0.00	17.37 -0.75 0.00	18.54 -1.19 0.00	22.00 -1.48 0.00	21.04 -1.38 0.00	24.95 -1.46 0.00	25.42 -1.49 0.00	25.15 -1.40 0.00	25.17 -1.44 0.00	24.25 -1.63 0.00	27.77 -1.76 0.00	29.60 -1.88 0.00	27.94 -1.79 -0.01	28.80 -1.59 0.00	27.39 -1.56 0.00	21.62 -0.90 0.00	23.31 -0.40 0.00
OLIN_CORP_DSASP 323712	19.27 -0.39 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.69 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.47 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.26 0.00	25.10 -1.31 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.33 0.00	24.31 -1.58 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.91 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.58 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00

ONEIDA_HERK_LFGE 323681	19.86 0.21 0.00	16.11 0.16 0.00	13.48 0.16 0.00	13.72 0.17 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.30 0.22 0.00	13.69 0.24 0.00	18.46 0.33 0.00	20.09 0.36 0.00	23.88 0.39 0.00	22.71 0.29 0.00	26.78 0.37 0.00	27.28 0.36 0.00	26.93 0.38 0.00	26.94 0.33 0.00	26.25 0.37 0.00	30.20 0.66 0.00	32.22 0.75 0.00	30.42 0.70 0.00	31.08 0.69 0.00	29.56 0.61 0.00	22.94 0.43 0.00	24.14 0.44 0.00
ONEIDA___115KV_TB4 55905	19.93 0.28 0.00	16.16 0.20 0.00	13.48 0.16 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.69 0.16 0.00	14.29 0.21 0.00	13.67 0.22 0.00	18.44 0.32 0.00	20.07 0.33 0.00	23.86 0.37 0.00	22.74 0.32 0.00	26.85 0.44 0.00	27.37 0.46 0.00	27.03 0.47 0.00	27.10 0.49 0.00	26.41 0.52 0.00	30.30 0.76 0.00	32.34 0.86 0.00	30.53 0.81 0.00	31.15 0.76 0.00	29.60 0.64 0.00	22.97 0.45 0.00	24.19 0.49 0.00
ONONDAGA_REF_OCCRA 23987	19.65 0.00 0.00	15.94 -0.02 0.00	13.30 -0.01 0.00	13.54 -0.01 0.00	11.84 0.00 0.00	12.52 -0.01 0.00	14.08 -0.01 0.00	13.46 0.01 0.00	18.13 0.01 0.00	19.68 -0.06 0.00	23.39 -0.10 0.00	22.33 -0.09 0.00	26.38 -0.04 0.00	26.87 -0.04 0.00	26.53 -0.02 0.00	26.59 -0.02 0.00	25.89 0.01 0.00	29.63 0.09 0.00	31.61 0.13 0.00	29.84 0.12 -0.01	30.50 0.11 0.00	28.97 0.02 0.00	22.53 0.01 0.00	23.79 0.08 0.00
ONONDAGA___COGEN 23986	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
ONTARIO___LFGE 23819	19.69 0.04 0.00	15.98 0.02 0.00	13.30 -0.01 0.00	13.55 0.00 0.00	11.86 0.02 0.00	12.51 -0.02 0.00	14.05 -0.04 0.00	13.46 0.01 0.00	18.12 0.00 0.00	19.64 -0.10 0.00	23.38 -0.10 0.00	22.33 -0.09 0.00	26.40 -0.01 0.00	26.90 -0.01 0.00	26.60 0.04 0.00	26.62 0.00 0.00	25.91 0.03 0.00	29.62 0.08 0.00	31.63 0.15 0.00	29.89 0.17 -0.01	30.60 0.21 0.00	28.98 0.03 0.00	22.70 0.18 0.00	24.01 0.30 0.00
ORANGEVILLE_WT_PWR 323706	19.46 -0.19 0.00	15.83 -0.12 0.00	13.21 -0.10 0.00	13.45 -0.10 0.00	11.79 -0.05 0.00	12.37 -0.15 0.00	13.83 -0.26 0.00	13.23 -0.22 0.00	17.69 -0.43 0.00	19.03 -0.70 0.00	22.68 -0.81 0.00	21.62 -0.79 0.00	25.65 -0.76 0.00	26.14 -0.77 0.00	25.92 -0.64 0.00	25.97 -0.64 0.00	25.15 -0.73 0.00	28.73 -0.81 0.00	30.66 -0.82 0.00	28.94 -0.79 -0.01	29.86 -0.53 0.00	28.40 -0.55 0.00	22.26 -0.25 0.00	23.76 0.05 0.00
ORANGEVILLE___ESR 323794	19.46 -0.19 0.00	15.83 -0.12 0.00	13.21 -0.10 0.00	13.45 -0.10 0.00	11.79 -0.05 0.00	12.37 -0.15 0.00	13.83 -0.26 0.00	13.23 -0.22 0.00	17.69 -0.43 0.00	19.03 -0.70 0.00	22.68 -0.81 0.00	21.62 -0.79 0.00	25.65 -0.76 0.00	26.14 -0.77 0.00	25.92 -0.64 0.00	25.97 -0.64 0.00	25.15 -0.73 0.00	28.73 -0.81 0.00	30.66 -0.82 0.00	28.94 -0.79 -0.01	29.86 -0.53 0.00	28.40 -0.55 0.00	22.26 -0.25 0.00	23.76 0.05 0.00
OSWEGATCHIE___HYD 24044	19.67 0.02 0.00	15.99 0.03 0.00	13.40 0.08 0.00	13.63 0.08 0.00	11.90 0.06 0.00	12.61 0.09 0.00	14.24 0.15 0.00	13.61 0.16 0.00	18.35 0.22 0.00	20.01 0.27 0.00	23.68 0.20 0.00	22.36 -0.05 0.00	26.30 -0.11 0.00	26.72 -0.18 0.00	26.39 -0.17 0.00	26.40 -0.21 0.00	25.68 -0.20 0.00	29.51 -0.02 0.00	31.51 0.04 0.00	29.79 0.08 0.00	30.53 0.14 0.00	29.26 0.31 0.00	22.78 0.27 0.00	23.90 0.19 0.00
OSWEGO___5 23606	19.30 -0.35 0.00	15.67 -0.28 0.00	13.07 -0.24 0.00	13.30 -0.24 0.00	11.63 -0.21 0.00	12.30 -0.22 0.00	13.83 -0.25 0.00	13.21 -0.24 0.00	17.79 -0.33 0.00	19.32 -0.42 0.00	22.95 -0.54 0.00	21.92 -0.50 0.00	25.85 -0.56 0.00	26.34 -0.57 0.00	26.01 -0.55 0.00	26.06 -0.55 0.00	25.34 -0.54 0.00	28.98 -0.55 0.00	30.90 -0.58 0.00	29.17 -0.54 0.00	29.83 -0.56 0.00	28.38 -0.57 0.00	22.08 -0.44 0.00	23.33 -0.37 0.00
OSWEGO___6 23613	19.30 -0.35 0.00	15.67 -0.28 0.00	13.07 -0.24 0.00	13.30 -0.24 0.00	11.63 -0.21 0.00	12.30 -0.22 0.00	13.83 -0.25 0.00	13.21 -0.24 0.00	17.79 -0.33 0.00	19.32 -0.42 0.00	22.95 -0.54 0.00	21.92 -0.50 0.00	25.85 -0.56 0.00	26.34 -0.57 0.00	26.01 -0.55 0.00	26.06 -0.55 0.00	25.34 -0.54 0.00	28.98 -0.55 0.00	30.90 -0.58 0.00	29.17 -0.54 0.00	29.83 -0.56 0.00	28.38 -0.57 0.00	22.08 -0.44 0.00	23.33 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	19.67 0.01 0.00	16.00 0.05 0.00	13.41 0.09 0.00	13.60 0.05 0.00	11.93 0.09 0.00	12.64 0.12 0.00	14.09 0.00 0.00	13.38 -0.07 0.00	17.85 -0.27 0.00	19.08 -0.65 0.00	22.66 -0.82 0.00	21.67 -0.75 0.00	25.72 -0.69 0.00	26.18 -0.73 0.00	25.90 -0.65 0.00	25.92 -0.69 0.00	24.99 -0.90 0.00	28.59 -0.95 0.00	30.47 -1.01 0.00	28.76 -0.96 -0.01	29.65 -0.74 0.00	28.19 -0.76 0.00	22.21 -0.31 0.00	23.85 0.15 0.00
OXBOW___ 24026	19.49 -0.16 0.00	15.87 -0.08 0.00	13.30 -0.01 0.00	13.48 -0.07 0.00	11.83 -0.01 0.00	12.55 0.02 0.00	13.97 -0.11 0.00	13.27 -0.18 0.00	17.69 -0.43 0.00	18.90 -0.84 0.00	22.42 -1.06 0.00	21.45 -0.97 0.00	25.46 -0.96 0.00	25.91 -1.00 0.00	25.64 -0.91 0.00	25.65 -0.97 0.00	24.69 -1.19 0.00	28.22 -1.31 0.00	30.07 -1.41 0.00	28.39 -1.33 -0.01	29.26 -1.13 0.00	27.83 -1.12 0.00	21.94 -0.57 0.00	23.58 -0.12 0.00
OXY_CHEM_DSASP 323612	19.27 -0.38 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.70 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.48 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.27 0.00	25.09 -1.32 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.32 0.00	24.31 -1.57 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.90 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.59 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
OZONE_PARK_ESR 323760	20.89 1.24 0.00	16.90 0.95 0.00	14.08 0.77 0.00	14.33 0.78 0.00	12.49 0.66 0.00	13.22 0.69 0.00	14.91 0.82 0.00	14.25 0.80 0.00	19.25 1.13 0.00	20.98 1.24 0.00	25.05 1.57 0.00	23.98 1.56 0.00	28.22 1.81 0.00	28.75 1.84 0.00	28.34 1.79 0.00	28.33 1.72 0.00	27.65 1.77 0.00	31.73 2.19 0.00	33.77 2.29 0.00	31.96 2.18 -0.06	32.35 1.96 0.00	30.78 1.83 0.00	23.90 1.38 0.00	25.07 1.36 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.27 -0.38 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.70 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.48 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.27 0.00	25.09 -1.32 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.32 0.00	24.31 -1.57 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.90 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.59 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00

PACKARD__115KV_DUPONT_184 80571	19.27 -0.38 0.00	15.70 -0.25 0.00	13.16 -0.15 0.00	13.33 -0.22 0.00	11.70 -0.14 0.00	12.41 -0.11 0.00	13.82 -0.27 0.00	13.12 -0.34 0.00	17.48 -0.64 0.00	18.65 -1.09 0.00	22.12 -1.36 0.00	21.15 -1.27 0.00	25.09 -1.32 0.00	25.55 -1.36 0.00	25.29 -1.27 0.00	25.29 -1.32 0.00	24.31 -1.57 0.00	27.75 -1.79 0.00	29.57 -1.91 0.00	27.90 -1.82 -0.01	28.77 -1.62 0.00	27.37 -1.59 0.00	21.60 -0.92 0.00	23.23 -0.47 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.69 1.04 0.00	16.76 0.81 0.00	13.98 0.66 0.00	14.22 0.67 0.00	12.40 0.57 0.00	13.12 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.10 0.98 0.00	20.82 1.08 0.00	24.84 1.35 0.00	23.77 1.35 0.00	27.97 1.55 0.00	28.54 1.63 0.00	28.11 1.56 0.00	28.10 1.49 0.00	27.43 1.55 0.00	31.46 1.92 0.00	33.50 2.03 0.00	31.72 1.95 -0.06	32.10 1.71 0.00	30.58 1.63 0.00	23.70 1.19 0.00	24.86 1.15 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.76 1.11 0.00	16.87 0.91 0.00	14.07 0.75 0.00	14.31 0.76 0.00	12.49 0.65 0.00	13.22 0.69 0.00	14.90 0.81 0.00	14.23 0.78 0.00	19.24 1.12 0.00	20.96 1.22 0.00	25.01 1.52 0.00	23.92 1.50 0.00	28.11 1.70 0.00	28.70 1.79 0.00	28.25 1.70 0.00	28.21 1.60 0.00	27.58 1.70 0.00	31.61 2.08 0.00	33.67 2.19 0.00	31.87 2.09 -0.06	32.25 1.86 0.00	30.71 1.76 0.00	23.81 1.29 0.00	24.97 1.26 0.00
PATROON__115KV_TB1 80586	19.98 0.33 0.00	16.23 0.27 0.00	13.55 0.23 0.00	13.78 0.23 0.00	12.09 0.26 0.00	12.73 0.21 0.00	14.30 0.22 0.00	13.66 0.21 0.00	18.43 0.31 0.00	20.07 0.33 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.59 0.69 0.00	27.17 0.62 0.00	27.25 0.63 0.00	26.50 0.62 0.00	30.41 0.88 0.00	32.42 0.94 0.00	30.64 0.85 -0.08	31.13 0.73 0.00	29.61 0.66 0.00	22.87 0.35 0.00	24.04 0.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.13 0.48 0.00	16.35 0.40 0.00	13.67 0.36 0.00	13.89 0.34 0.00	12.17 0.33 0.00	12.89 0.37 0.00	14.40 0.31 0.00	13.71 0.26 0.00	18.31 0.19 0.00	19.62 -0.12 0.00	23.26 -0.22 0.00	22.19 -0.22 0.00	26.35 -0.06 0.00	26.81 -0.10 0.00	26.53 -0.02 0.00	26.55 -0.07 0.00	25.66 -0.21 0.00	29.41 -0.13 0.00	31.38 -0.10 0.00	29.60 -0.12 -0.01	30.50 0.11 0.00	29.01 0.06 0.00	22.81 0.30 0.00	24.44 0.74 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.11 0.99 0.00	20.84 1.10 0.00	24.87 1.39 0.00	23.80 1.39 0.00	28.05 1.63 0.00	28.62 1.71 0.00	28.19 1.63 0.00	28.21 1.60 0.00	27.51 1.63 0.00	31.58 2.05 0.00	33.64 2.17 0.00	31.82 2.05 -0.06	32.23 1.84 0.00	30.63 1.68 0.00	23.71 1.19 0.00	24.86 1.16 0.00
PEEKSKILL____ 23653	20.57 0.92 0.00	16.66 0.71 0.00	13.88 0.57 0.00	14.13 0.58 0.00	12.33 0.49 0.00	13.04 0.51 0.00	14.69 0.60 0.00	14.04 0.59 0.00	18.97 0.85 0.00	20.67 0.93 0.00	24.67 1.19 0.00	23.60 1.18 0.00	27.82 1.41 0.00	28.37 1.46 0.00	27.95 1.40 0.00	27.97 1.35 0.00	27.27 1.39 0.00	31.31 1.77 0.00	33.34 1.86 0.00	31.54 1.76 -0.06	31.93 1.54 0.00	30.37 1.42 0.00	23.54 1.03 0.00	24.70 0.99 0.00
PGE MADISON__WINDPWR 24146	20.34 0.69 0.00	16.48 0.53 0.00	13.74 0.43 0.00	14.04 0.49 0.00	12.22 0.39 0.00	12.87 0.34 0.00	14.61 0.52 0.00	14.10 0.65 0.00	18.88 0.76 0.00	20.64 0.91 0.00	24.60 1.12 0.00	23.51 1.09 0.00	27.73 1.32 0.00	28.29 1.38 0.00	28.01 1.45 0.00	28.26 1.64 0.00	27.61 1.73 0.00	31.74 2.20 0.00	34.09 2.61 0.00	31.99 2.26 -0.02	32.43 2.04 0.00	30.77 1.82 0.00	23.80 1.29 0.00	24.90 1.19 0.00
PIERCEFIELD__HYD 23852	19.68 0.03 0.00	16.00 0.04 0.00	13.38 0.06 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.61 0.09 0.00	14.21 0.12 0.00	13.57 0.12 0.00	18.29 0.17 0.00	20.02 0.29 0.00	23.63 0.15 0.00	22.27 -0.15 0.00	26.14 -0.27 0.00	26.53 -0.38 0.00	26.22 -0.33 0.00	26.26 -0.36 0.00	25.51 -0.38 0.00	29.06 -0.48 0.00	31.02 -0.45 0.00	29.34 -0.37 0.00	30.13 -0.26 0.00	29.04 0.09 0.00	22.69 0.17 0.00	23.74 0.03 0.00
PINELAWN_CC_1 323563	20.97 1.32 0.00	16.95 1.00 0.00	14.16 0.84 0.00	14.39 0.85 0.00	12.55 0.72 0.00	13.27 0.74 0.00	14.99 0.90 0.00	14.34 0.89 0.00	19.45 1.34 0.00	21.17 1.43 0.00	25.37 1.89 0.00	25.67 1.91 -1.34	28.61 2.19 0.00	29.22 2.31 0.00	28.83 2.27 0.00	28.77 2.15 0.00	28.12 2.23 0.00	32.29 2.75 0.00	34.26 2.79 0.00	32.50 2.73 -0.06	32.76 2.37 0.00	31.16 2.21 0.00	24.26 1.74 0.00	25.21 1.50 0.00
PJM_GEN_HTP_PROXY 323702	20.72 1.07 0.00	16.76 0.81 0.00	13.98 0.66 0.00	14.22 0.67 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.80 0.71 0.00	14.14 0.69 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.75 1.33 0.00	27.96 1.55 0.00	26.75 1.57 1.72	28.06 1.51 0.00	28.06 1.45 0.00	27.39 1.51 0.00	31.43 1.89 0.00	33.45 1.97 0.00	31.65 1.87 -0.06	32.04 1.64 0.00	30.48 1.53 0.00	23.67 1.15 0.00	24.84 1.14 0.00
PJM_GEN_KEystone 24065	20.10 0.45 0.00	16.30 0.34 0.00	13.58 0.27 0.00	13.82 0.27 0.00	12.08 0.24 0.00	12.78 0.26 0.00	14.36 0.27 0.00	13.72 0.27 0.00	18.44 0.32 0.00	19.96 0.22 0.00	23.74 0.25 0.00	22.66 0.25 0.00	26.79 0.38 0.00	25.56 0.37 1.72	26.94 0.38 0.00	26.95 0.34 0.00	26.22 0.33 0.00	30.08 0.54 0.00	32.07 0.59 0.00	30.29 0.55 -0.04	30.87 0.48 0.00	29.37 0.42 0.00	22.91 0.40 0.00	24.23 0.53 0.00
PJM_GEN_NEPTUNE_PROXY 323594	20.74 1.09 0.00	16.78 0.82 0.00	14.00 0.69 0.00	14.24 0.69 0.00	12.42 0.59 0.00	13.13 0.61 0.00	14.82 0.74 0.00	14.18 0.73 0.00	19.24 1.12 0.00	20.92 1.18 0.00	25.05 1.57 0.00	25.35 1.58 -1.34	28.23 1.82 0.00	27.10 1.91 1.72	28.40 1.85 0.00	28.36 1.75 0.00	27.71 1.83 0.00	31.81 2.26 0.00	33.76 2.28 0.00	32.01 2.24 -0.06	32.31 1.92 0.00	30.75 1.80 0.00	23.91 1.39 0.00	24.91 1.21 0.00
PJM_GEN_VFT_PROXY 323633	20.61 0.95 0.00	16.69 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.72 0.63 0.00	14.06 0.61 0.00	18.99 0.87 0.00	20.69 0.95 0.00	24.69 1.21 0.00	23.62 1.21 0.00	27.81 1.40 0.00	26.60 1.41 1.72	27.91 1.35 0.00	27.91 1.30 0.00	27.23 1.35 0.00	31.23 1.69 0.00	33.23 1.76 0.00	31.46 1.68 -0.06	31.84 1.45 0.00	30.30 1.35 0.00	23.53 1.01 0.00	24.69 0.99 0.00
PLATSBURG_115KV_PMLD1 355749	20.01 0.36 0.00	16.25 0.30 0.00	13.58 0.27 0.00	13.85 0.30 0.00	12.14 0.31 0.00	12.91 0.38 0.00	14.59 0.50 0.00	13.90 0.45 0.00	18.74 0.62 0.00	20.60 0.86 0.00	24.54 1.06 0.00	23.31 0.89 0.00	27.29 0.88 0.00	27.51 0.60 0.00	27.33 0.77 0.00	27.48 0.87 0.00	26.58 0.70 0.00	30.56 1.02 0.00	32.81 1.33 0.00	30.94 1.23 0.00	31.53 1.14 0.00	29.92 0.97 0.00	22.96 0.44 0.00	23.79 0.09 0.00

PLEASANTVLY___LBMP 24000	20.45 0.80 0.00	16.57 0.62 0.00	13.82 0.51 0.00	14.07 0.53 0.00	12.28 0.44 0.00	12.99 0.46 0.00	14.63 0.54 0.00	13.97 0.52 0.00	18.85 0.73 0.00	20.54 0.80 0.00	24.52 1.04 0.00	23.45 1.03 0.00	27.65 1.23 0.00	28.21 1.30 0.00	27.78 1.23 0.00	27.80 1.19 0.00	27.10 1.22 0.00	31.10 1.57 0.00	33.14 1.66 0.00	31.34 1.56 -0.07	31.77 1.38 0.00	30.21 1.26 0.00	23.39 0.87 0.00	24.54 0.83 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.62 0.97 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.36 0.52 0.00	13.07 0.55 0.00	14.74 0.65 0.00	14.08 0.63 0.00	19.01 0.89 0.00	20.72 0.98 0.00	24.74 1.26 0.00	23.68 1.26 0.00	27.90 1.49 0.00	28.46 1.55 0.00	28.01 1.46 0.00	28.02 1.41 0.00	27.34 1.46 0.00	31.39 1.85 0.00	33.43 1.95 0.00	31.62 1.84 -0.06	32.02 1.63 0.00	30.45 1.50 0.00	23.60 1.08 0.00	24.75 1.04 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.62 0.97 0.00	16.70 0.75 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.36 0.52 0.00	13.07 0.55 0.00	14.74 0.65 0.00	14.08 0.63 0.00	19.01 0.89 0.00	20.72 0.98 0.00	24.74 1.26 0.00	23.68 1.26 0.00	27.90 1.49 0.00	28.46 1.55 0.00	28.01 1.46 0.00	28.02 1.41 0.00	27.34 1.46 0.00	31.39 1.85 0.00	33.43 1.95 0.00	31.62 1.84 -0.06	32.02 1.63 0.00	30.45 1.50 0.00	23.60 1.08 0.00	24.75 1.04 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.59 0.94 0.00	16.68 0.72 0.00	13.91 0.59 0.00	14.17 0.62 0.00	12.36 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.07 0.62 0.00	19.00 0.88 0.00	20.71 0.97 0.00	24.73 1.24 0.00	23.64 1.22 0.00	27.89 1.48 0.00	28.46 1.55 0.00	28.01 1.45 0.00	28.04 1.43 0.00	27.35 1.47 0.00	31.39 1.86 0.00	33.45 1.97 0.00	31.63 1.86 -0.06	32.06 1.67 0.00	30.47 1.52 0.00	23.57 1.05 0.00	24.72 1.01 0.00
POLETTI____ 23519	20.68 1.03 0.00	16.75 0.79 0.00	13.95 0.64 0.00	14.20 0.65 0.00	12.39 0.55 0.00	13.10 0.58 0.00	14.78 0.69 0.00	14.12 0.67 0.00	19.06 0.94 0.00	20.77 1.04 0.00	24.80 1.31 0.00	23.73 1.31 0.00	27.93 1.52 0.00	28.45 1.54 0.00	28.03 1.48 0.00	28.03 1.42 0.00	27.36 1.48 0.00	31.38 1.84 0.00	33.40 1.93 0.00	31.61 1.84 -0.06	32.00 1.61 0.00	30.44 1.49 0.00	23.65 1.13 0.00	24.81 1.10 0.00
POMONA___ESR 323819	20.60 0.95 0.00	16.68 0.73 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.33 0.50 0.00	13.04 0.52 0.00	14.70 0.61 0.00	14.06 0.61 0.00	18.98 0.86 0.00	20.69 0.95 0.00	24.69 1.21 0.00	23.63 1.21 0.00	27.86 1.44 0.00	28.41 1.50 0.00	28.00 1.44 0.00	28.02 1.41 0.00	27.31 1.43 0.00	31.36 1.82 0.00	33.39 1.92 0.00	31.59 1.82 -0.06	31.98 1.59 0.00	30.42 1.47 0.00	23.58 1.06 0.00	24.74 1.03 0.00
PORT_JEFF_3 23555	21.09 1.44 0.00	17.05 1.10 0.00	14.25 0.93 0.00	14.49 0.94 0.00	12.64 0.81 0.00	13.36 0.84 0.00	15.10 1.01 0.00	14.45 1.00 0.00	19.59 1.47 0.00	21.34 1.60 0.00	25.57 2.09 0.00	25.89 2.13 -1.34	28.86 2.45 0.00	29.47 2.56 0.00	29.09 2.53 0.00	29.02 2.41 0.00	28.38 2.50 0.00	32.59 3.06 0.00	34.58 3.11 0.00	32.80 3.02 -0.06	33.02 2.63 0.00	31.39 2.45 0.00	24.45 1.93 0.00	25.38 1.67 0.00
PORT_JEFF_4 23616	21.09 1.44 0.00	17.05 1.10 0.00	14.25 0.93 0.00	14.49 0.94 0.00	12.64 0.81 0.00	13.36 0.84 0.00	15.10 1.01 0.00	14.45 1.00 0.00	19.59 1.47 0.00	21.34 1.60 0.00	25.57 2.09 0.00	25.89 2.13 -1.34	28.86 2.45 0.00	29.47 2.56 0.00	29.09 2.53 0.00	29.02 2.41 0.00	28.38 2.50 0.00	32.59 3.06 0.00	34.58 3.11 0.00	32.80 3.02 -0.06	33.02 2.63 0.00	31.39 2.45 0.00	24.45 1.93 0.00	25.38 1.67 0.00
PORT_JEFF_IC 23713	21.11 1.46 0.00	17.07 1.12 0.00	14.26 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.37 0.85 0.00	15.11 1.02 0.00	14.46 1.01 0.00	19.61 1.49 0.00	21.36 1.62 0.00	25.60 2.12 0.00	25.92 2.16 -1.34	28.90 2.49 0.00	29.52 2.61 0.00	29.14 2.58 0.00	29.07 2.46 0.00	28.42 2.54 0.00	32.65 3.11 0.00	34.65 3.17 0.00	32.85 3.07 -0.06	33.07 2.68 0.00	31.44 2.49 0.00	24.48 1.96 0.00	25.40 1.70 0.00
PPL PILGRIM_ST_GT1 24216	21.12 1.46 0.00	17.07 1.12 0.00	14.25 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.36 0.84 0.00	15.11 1.02 0.00	14.45 1.00 0.00	19.60 1.48 0.00	21.34 1.60 0.00	25.58 2.09 0.00	25.89 2.13 -1.34	28.85 2.44 0.00	29.48 2.57 0.00	29.09 2.53 0.00	29.03 2.41 0.00	28.38 2.49 0.00	32.59 3.05 0.00	34.57 3.09 0.00	32.78 3.00 -0.06	33.02 2.63 0.00	31.41 2.46 0.00	24.46 1.94 0.00	25.40 1.69 0.00
PPL PILGRIM_ST_GT2 24217	21.12 1.46 0.00	17.07 1.12 0.00	14.25 0.94 0.00	14.50 0.95 0.00	12.65 0.81 0.00	13.36 0.84 0.00	15.11 1.02 0.00	14.45 1.00 0.00	19.60 1.48 0.00	21.34 1.60 0.00	25.58 2.09 0.00	25.89 2.13 -1.34	28.85 2.44 0.00	29.48 2.57 0.00	29.09 2.53 0.00	29.03 2.41 0.00	28.38 2.49 0.00	32.59 3.05 0.00	34.57 3.09 0.00	32.78 3.00 -0.06	33.02 2.63 0.00	31.41 2.46 0.00	24.46 1.94 0.00	25.40 1.69 0.00
PPL_SHRM_GT3 24213	21.20 1.55 0.00	17.15 1.20 0.00	14.33 1.02 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.27 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.69 2.78 0.00	29.30 2.74 0.00	29.23 2.62 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.06 3.28 -0.06	33.26 2.87 0.00	31.60 2.65 0.00	24.61 2.10 0.00	25.52 1.82 0.00
PPL_SHRM_GT4 24214	21.20 1.55 0.00	17.15 1.20 0.00	14.33 1.02 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.27 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.69 2.78 0.00	29.30 2.74 0.00	29.23 2.62 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.06 3.28 -0.06	33.26 2.87 0.00	31.60 2.65 0.00	24.61 2.10 0.00	25.52 1.82 0.00
PROJECT___ORANGE 1 24174	19.55 -0.10 0.00	15.86 -0.09 0.00	13.24 -0.08 0.00	13.47 -0.08 0.00	11.77 -0.07 0.00	12.45 -0.07 0.00	14.00 -0.08 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.56 -0.18 0.00	23.24 -0.24 0.00	22.20 -0.22 0.00	26.21 -0.20 0.00	26.71 -0.20 0.00	26.37 -0.19 0.00	26.42 -0.19 0.00	25.72 -0.17 0.00	29.43 -0.11 0.00	31.39 -0.09 0.00	29.63 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.66 -0.05 0.00
PROJECT___ORANGE 2 24166	19.55 -0.10 0.00	15.86 -0.09 0.00	13.24 -0.08 0.00	13.47 -0.08 0.00	11.77 -0.07 0.00	12.45 -0.07 0.00	14.00 -0.08 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.56 -0.18 0.00	23.24 -0.24 0.00	22.20 -0.22 0.00	26.21 -0.20 0.00	26.71 -0.20 0.00	26.37 -0.19 0.00	26.42 -0.19 0.00	25.72 -0.17 0.00	29.43 -0.11 0.00	31.39 -0.09 0.00	29.63 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.66 -0.05 0.00

PUCKETT___SOLAR 323809	19.96 0.31 0.00	16.18 0.22 0.00	13.48 0.17 0.00	13.74 0.19 0.00	12.01 0.17 0.00	12.68 0.16 0.00	14.29 0.20 0.00	13.69 0.24 0.00	18.42 0.29 0.00	20.02 0.28 0.00	23.81 0.32 0.00	22.75 0.34 0.00	26.88 0.47 0.00	27.36 0.44 0.00	27.00 0.45 0.00	27.10 0.49 0.00	26.43 0.55 0.00	30.28 0.74 0.00	32.35 0.87 0.00	30.50 0.77 -0.02	31.13 0.74 0.00	29.56 0.61 0.00	22.97 0.46 0.00	24.21 0.50 0.00
PYRITES___HYD 24023	19.94 0.29 0.00	16.21 0.25 0.00	13.55 0.23 0.00	13.77 0.22 0.00	12.04 0.20 0.00	12.77 0.25 0.00	14.39 0.31 0.00	13.75 0.30 0.00	18.51 0.40 0.00	20.25 0.51 0.00	23.85 0.37 0.00	22.54 0.12 0.00	26.43 0.02 0.00	26.85 -0.06 0.00	26.54 -0.02 0.00	26.60 -0.01 0.00	25.86 -0.02 0.00	29.48 -0.06 0.00	31.54 0.06 0.00	29.89 0.18 0.00	30.70 0.31 0.00	29.48 0.53 0.00	23.01 0.49 0.00	24.07 0.37 0.00
QUAKERRD_115KV_BK1 80622	19.07 -0.58 0.00	15.49 -0.46 0.00	12.94 -0.37 0.00	13.14 -0.40 0.00	11.50 -0.34 0.00	12.19 -0.33 0.00	13.67 -0.42 0.00	13.03 -0.42 0.00	17.48 -0.63 0.00	18.87 -0.86 0.00	22.40 -1.08 0.00	21.42 -1.00 0.00	25.33 -1.08 0.00	25.81 -1.10 0.00	25.51 -1.04 0.00	25.56 -1.06 0.00	24.78 -1.10 0.00	28.38 -1.16 0.00	30.24 -1.23 0.00	28.57 -1.15 -0.01	29.28 -1.11 0.00	27.82 -1.13 0.00	21.74 -0.78 0.00	23.11 -0.59 0.00
QUENSBRY_115KV_TB8 356137	20.98 1.33 0.00	17.04 1.08 0.00	14.23 0.92 0.00	14.51 0.96 0.00	12.65 0.81 0.00	13.39 0.87 0.00	15.12 1.03 0.00	14.44 0.99 0.00	19.49 1.37 0.00	21.28 1.54 0.00	25.43 1.94 0.00	24.25 1.84 0.00	28.46 2.05 0.00	29.08 2.17 0.00	28.54 1.99 0.00	28.57 1.96 0.00	27.98 2.10 0.00	32.19 2.65 0.00	34.60 3.12 0.00	32.67 2.87 -0.08	33.10 2.71 0.00	31.35 2.40 0.00	24.06 1.54 0.00	25.18 1.48 0.00
RAMAPO___LBMP 323565	20.52 0.87 0.00	16.63 0.68 0.00	13.84 0.53 0.00	14.09 0.54 0.00	12.29 0.45 0.00	13.00 0.48 0.00	14.65 0.56 0.00	14.01 0.56 0.00	18.91 0.79 0.00	20.61 0.87 0.00	24.60 1.11 0.00	23.53 1.12 0.00	27.74 1.33 0.00	28.29 1.38 0.00	27.88 1.33 0.00	27.91 1.29 0.00	27.20 1.31 0.00	31.23 1.69 0.00	33.25 1.77 0.00	31.45 1.68 -0.06	31.86 1.47 0.00	30.30 1.35 0.00	23.49 0.97 0.00	24.64 0.94 0.00
RANKINE____ 23646	19.79 0.13 0.00	16.09 0.13 0.00	13.46 0.14 0.00	13.66 0.11 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.15 0.06 0.00	13.46 0.02 0.00	17.98 -0.14 0.00	19.25 -0.49 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.54 0.00	26.11 -0.45 0.00	26.12 -0.49 0.00	25.24 -0.64 0.00	28.89 -0.65 0.00	30.82 -0.66 0.00	29.10 -0.63 -0.01	29.98 -0.41 0.00	28.53 -0.43 0.00	22.44 -0.08 0.00	24.06 0.35 0.00
RAVENSWOOD_GT2_1 24244	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.65 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT2_2 24245	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.65 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT2_3 24246	20.72 1.07 0.00	16.77 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.81 1.07 0.00	24.84 1.36 0.00	23.77 1.35 0.00	27.98 1.57 0.00	28.50 1.60 0.00	28.09 1.54 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.92 0.00	33.46 1.99 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.51 1.56 0.00	23.69 1.17 0.00	24.85 1.15 0.00
RAVENSWOOD_GT2_4 24247	20.72 1.07 0.00	16.77 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.81 1.07 0.00	24.84 1.36 0.00	23.77 1.35 0.00	27.98 1.57 0.00	28.50 1.60 0.00	28.09 1.54 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.92 0.00	33.46 1.99 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.51 1.56 0.00	23.69 1.17 0.00	24.85 1.15 0.00
RAVENSWOOD_GT3_1 24248	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.65 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT3_2 24249	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.65 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT3_3 24250	20.74 1.09 0.00	16.78 0.83 0.00	13.98 0.67 0.00	14.23 0.68 0.00	12.41 0.58 0.00	13.13 0.61 0.00	14.81 0.72 0.00	14.15 0.70 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.87 1.38 0.00	23.80 1.38 0.00	28.01 1.60 0.00	28.54 1.63 0.00	28.12 1.57 0.00	28.12 1.51 0.00	27.44 1.56 0.00	31.49 1.95 0.00	33.50 2.03 0.00	31.71 1.93 -0.06	32.09 1.70 0.00	30.54 1.59 0.00	23.71 1.19 0.00	24.88 1.17 0.00
RAVENSWOOD_GT3_4 24251	20.74 1.09 0.00	16.78 0.83 0.00	13.98 0.67 0.00	14.23 0.68 0.00	12.41 0.58 0.00	13.13 0.61 0.00	14.81 0.72 0.00	14.15 0.70 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.87 1.38 0.00	23.80 1.38 0.00	28.01 1.60 0.00	28.54 1.63 0.00	28.12 1.57 0.00	28.12 1.51 0.00	27.44 1.56 0.00	31.49 1.95 0.00	33.50 2.03 0.00	31.71 1.93 -0.06	32.09 1.70 0.00	30.54 1.59 0.00	23.71 1.19 0.00	24.88 1.17 0.00
RAVENSWOOD_GT_1 23729	20.79 1.14 0.00	16.82 0.86 0.00	14.01 0.70 0.00	14.25 0.71 0.00	12.44 0.60 0.00	13.15 0.63 0.00	14.83 0.74 0.00	14.17 0.72 0.00	19.15 1.03 0.00	20.88 1.14 0.00	24.91 1.43 0.00	23.85 1.44 0.00	28.05 1.64 0.00	28.58 1.67 0.00	28.16 1.60 0.00	28.16 1.55 0.00	27.49 1.60 0.00	31.52 1.98 0.00	33.52 2.05 0.00	31.72 1.95 -0.06	32.11 1.72 0.00	30.58 1.63 0.00	23.76 1.24 0.00	24.93 1.22 0.00



RAVENSWOOD_GT_10 24258	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.96 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.66 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_11 24259	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.52 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.66 1.89 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_4 24252	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.50 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.46 1.98 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.50 1.54 0.00	23.68 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_5 24254	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.50 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.46 1.98 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.50 1.54 0.00	23.68 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_6 24253	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.50 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.46 1.98 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.50 1.54 0.00	23.68 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_7 24255	20.70 1.05 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.08 0.96 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.50 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.41 1.53 0.00	31.45 1.91 0.00	33.46 1.98 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.50 1.54 0.00	23.68 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.96 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.66 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD_GT_9 24257	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.11 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.96 0.00	20.80 1.06 0.00	24.83 1.34 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.66 1.88 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD___1 23533	20.75 1.10 0.00	16.78 0.83 0.00	13.99 0.67 0.00	14.23 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.81 0.72 0.00	14.15 0.69 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.86 1.37 0.00	23.79 1.38 0.00	27.98 1.57 0.00	28.51 1.60 0.00	28.09 1.54 0.00	28.09 1.48 0.00	27.41 1.53 0.00	31.44 1.90 0.00	33.46 1.98 0.00	31.66 1.89 -0.06	32.04 1.65 0.00	30.50 1.55 0.00	23.70 1.18 0.00	24.88 1.17 0.00
RAVENSWOOD___2 23534	20.75 1.10 0.00	16.77 0.81 0.00	13.96 0.65 0.00	14.21 0.66 0.00	12.39 0.56 0.00	13.11 0.59 0.00	14.78 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.07 0.00	24.80 1.31 0.00	23.73 1.32 0.00	27.85 1.44 0.00	28.31 1.40 0.00	27.89 1.34 0.00	27.89 1.28 0.00	27.23 1.34 0.00	31.21 1.68 0.00	33.21 1.73 0.00	31.43 1.65 -0.06	31.81 1.42 0.00	30.29 1.34 0.00	23.56 1.04 0.00	24.77 1.07 0.00
RAVENSWOOD___3 23535	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.65 0.00	14.21 0.66 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.80 1.06 0.00	24.83 1.35 0.00	23.76 1.34 0.00	27.97 1.56 0.00	28.49 1.59 0.00	28.08 1.53 0.00	28.08 1.47 0.00	27.40 1.52 0.00	31.44 1.90 0.00	33.45 1.97 0.00	31.66 1.89 -0.06	32.05 1.66 0.00	30.49 1.54 0.00	23.67 1.16 0.00	24.84 1.14 0.00
RAVENSWOOD___4 23820	20.75 1.10 0.00	16.78 0.83 0.00	13.99 0.67 0.00	14.23 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.81 0.72 0.00	14.15 0.69 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.86 1.37 0.00	23.79 1.38 0.00	27.98 1.57 0.00	28.51 1.60 0.00	28.09 1.54 0.00	28.09 1.48 0.00	27.41 1.53 0.00	31.44 1.90 0.00	33.46 1.98 0.00	31.66 1.89 -0.06	32.04 1.65 0.00	30.50 1.55 0.00	23.70 1.18 0.00	24.88 1.17 0.00
RCPL_TRUST___DRP 24196	20.74 1.09 0.00	16.79 0.83 0.00	13.99 0.68 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.61 0.00	14.82 0.73 0.00	14.15 0.70 0.00	19.11 0.99 0.00	20.82 1.09 0.00	24.86 1.38 0.00	23.78 1.36 0.00	27.99 1.58 0.00	28.50 1.60 0.00	28.09 1.54 0.00	28.09 1.48 0.00	27.41 1.53 0.00	31.46 1.93 0.00	33.48 2.00 0.00	31.68 1.90 -0.06	32.06 1.68 0.00	30.51 1.56 0.00	23.69 1.17 0.00	24.87 1.16 0.00
RED___ROCHESTER 323720	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.52 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.40 0.00	25.41 -0.48 0.00	29.13 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.11 0.00
REGAN___SOLAR 323812	21.55 1.90 0.00	17.45 1.50 0.00	14.52 1.21 0.00	14.78 1.23 0.00	12.91 1.07 0.00	13.72 1.20 0.00	15.47 1.38 0.00	14.78 1.33 0.00	20.02 1.90 0.00	21.63 1.90 0.00	25.70 2.21 0.00	24.55 2.14 0.00	28.82 2.41 0.00	29.44 2.53 0.00	29.22 2.66 0.00	29.44 2.82 0.00	28.80 2.92 0.00	33.08 3.54 0.00	35.28 3.80 0.00	33.44 3.65 -0.08	34.00 3.61 0.00	32.16 3.21 0.00	24.95 2.43 0.00	26.16 2.45 0.00

RENSSELAER___COGEN 23796	19.87 0.21 0.00	16.14 0.19 0.00	13.48 0.16 0.00	13.71 0.17 0.00	12.03 0.19 0.00	12.66 0.14 0.00	14.23 0.14 0.00	13.59 0.14 0.00	18.32 0.20 0.00	19.96 0.22 0.00	23.82 0.34 0.00	22.76 0.34 0.00	26.86 0.44 0.00	27.43 0.52 0.00	27.00 0.44 0.00	27.09 0.47 0.00	26.34 0.46 0.00	30.23 0.69 0.00	32.23 0.75 0.00	30.46 0.67 -0.08	30.93 0.55 0.00	29.43 0.48 0.00	22.73 0.21 0.00	23.90 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	21.72 2.07 0.00	17.65 1.70 0.00	14.79 1.48 0.00	15.11 1.56 0.00	13.14 1.30 0.00	13.94 1.42 0.00	15.81 1.72 0.00	15.12 1.67 0.00	20.37 2.25 0.00	22.30 2.56 0.00	26.70 3.22 0.00	25.42 3.01 0.00	30.00 3.59 0.00	30.62 3.72 0.00	29.92 3.36 0.00	29.97 3.36 0.00	29.21 3.33 0.00	33.46 3.93 0.00	36.02 4.54 0.00	33.93 4.14 -0.08	34.21 3.83 0.00	32.26 3.31 0.00	24.56 2.04 0.00	25.62 1.91 0.00
REVERE_CPPR_DRP 24186	20.04 0.39 0.00	16.25 0.29 0.00	13.56 0.24 0.00	13.81 0.26 0.00	12.06 0.22 0.00	12.77 0.25 0.00	14.39 0.30 0.00	13.77 0.32 0.00	18.58 0.46 0.00	20.22 0.49 0.00	24.03 0.55 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.52 0.61 0.00	27.19 0.64 0.00	27.24 0.63 0.00	26.57 0.68 0.00	30.53 0.99 0.00	32.59 1.11 0.00	30.76 1.04 0.00	31.39 1.00 0.00	29.82 0.87 0.00	23.14 0.62 0.00	24.36 0.65 0.00
REYNOLDS_115KV_TB3 80639	20.01 0.35 0.00	16.26 0.30 0.00	13.58 0.26 0.00	13.82 0.27 0.00	12.09 0.26 0.00	12.75 0.22 0.00	14.32 0.23 0.00	13.67 0.22 0.00	18.43 0.32 0.00	20.08 0.34 0.00	23.97 0.48 0.00	22.89 0.48 0.00	27.02 0.61 0.00	27.60 0.70 0.00	27.17 0.61 0.00	27.25 0.64 0.00	26.49 0.61 0.00	30.41 0.88 0.00	32.42 0.94 0.00	30.64 0.85 -0.08	31.12 0.73 0.00	29.62 0.67 0.00	22.87 0.35 0.00	24.06 0.36 0.00
RIVERBAY____ 323610	20.76 1.11 0.00	16.87 0.91 0.00	14.07 0.75 0.00	14.31 0.76 0.00	12.49 0.65 0.00	13.22 0.69 0.00	14.90 0.81 0.00	14.23 0.78 0.00	19.24 1.12 0.00	20.96 1.22 0.00	25.01 1.52 0.00	23.92 1.50 0.00	28.11 1.70 0.00	28.70 1.79 0.00	28.25 1.70 0.00	28.21 1.60 0.00	27.58 1.70 0.00	31.61 2.08 0.00	33.67 2.19 0.00	31.87 2.09 -0.06	32.25 1.86 0.00	30.71 1.76 0.00	23.81 1.29 0.00	24.97 1.26 0.00
RIVERSDE_115KV_TB3 55908	19.95 0.29 0.00	16.21 0.25 0.00	13.53 0.22 0.00	13.77 0.22 0.00	12.07 0.23 0.00	12.71 0.19 0.00	14.28 0.19 0.00	13.63 0.18 0.00	18.39 0.27 0.00	20.03 0.29 0.00	23.91 0.42 0.00	22.84 0.43 0.00	26.96 0.55 0.00	27.54 0.64 0.00	27.11 0.55 0.00	27.19 0.58 0.00	26.44 0.56 0.00	30.35 0.81 0.00	32.35 0.88 0.00	30.58 0.78 -0.08	31.06 0.66 0.00	29.56 0.61 0.00	22.82 0.30 0.00	24.00 0.29 0.00
ROARING___BROOK_WT_PWR 323790	19.43 -0.22 0.00	15.75 -0.20 0.00	13.10 -0.21 0.00	13.39 -0.16 0.00	11.73 -0.10 0.00	12.38 -0.14 0.00	13.94 -0.15 0.00	13.36 -0.10 0.00	17.99 -0.13 0.00	19.57 -0.16 0.00	23.25 -0.23 0.00	22.20 -0.21 0.00	26.17 -0.24 0.00	26.66 -0.24 0.00	26.41 -0.15 0.00	26.41 -0.20 0.00	25.67 -0.21 0.00	29.41 -0.13 0.00	31.41 -0.06 0.00	29.57 -0.14 0.00	30.31 -0.09 0.00	28.89 -0.07 0.00	22.49 -0.02 0.00	23.66 -0.05 0.00
ROCHESRG_115KV_T4 355643	19.46 -0.19 0.00	15.81 -0.14 0.00	13.22 -0.10 0.00	13.41 -0.14 0.00	11.75 -0.09 0.00	12.45 -0.07 0.00	13.94 -0.15 0.00	13.28 -0.17 0.00	17.80 -0.32 0.00	19.17 -0.57 0.00	22.75 -0.73 0.00	21.74 -0.68 0.00	25.74 -0.68 0.00	26.22 -0.69 0.00	25.93 -0.63 0.00	25.96 -0.65 0.00	25.15 -0.73 0.00	28.81 -0.72 0.00	30.72 -0.76 0.00	29.02 -0.70 -0.01	29.77 -0.62 0.00	28.29 -0.66 0.00	22.15 -0.38 0.00	23.60 -0.11 0.00
ROCHESTER_9_IC 23652	19.54 -0.11 0.00	15.88 -0.08 0.00	13.28 -0.04 0.00	13.47 -0.08 0.00	11.79 -0.05 0.00	12.50 -0.02 0.00	14.00 -0.09 0.00	13.34 -0.11 0.00	17.88 -0.24 0.00	19.26 -0.47 0.00	22.86 -0.62 0.00	21.85 -0.57 0.00	25.87 -0.54 0.00	26.35 -0.56 0.00	26.06 -0.50 0.00	26.11 -0.51 0.00	25.29 -0.59 0.00	28.98 -0.56 0.00	30.89 -0.59 0.00	29.19 -0.53 -0.01	29.94 -0.45 0.00	28.45 -0.50 0.00	22.26 -0.26 0.00	23.72 0.01 0.00
ROCKVIEW_13_KV_LD 356306	20.71 1.06 0.00	16.76 0.81 0.00	13.97 0.66 0.00	14.22 0.67 0.00	12.40 0.56 0.00	13.12 0.59 0.00	14.79 0.70 0.00	14.13 0.68 0.00	19.09 0.97 0.00	20.81 1.07 0.00	24.85 1.36 0.00	23.78 1.36 0.00	28.02 1.61 0.00	28.56 1.66 0.00	28.14 1.58 0.00	28.15 1.53 0.00	27.46 1.58 0.00	31.51 1.98 0.00	33.55 2.07 0.00	31.74 1.96 -0.06	32.13 1.74 0.00	30.57 1.62 0.00	23.70 1.18 0.00	24.85 1.15 0.00
ROME_____115KV_TB2 80656	20.04 0.39 0.00	16.25 0.29 0.00	13.56 0.24 0.00	13.81 0.26 0.00	12.06 0.22 0.00	12.77 0.25 0.00	14.39 0.30 0.00	13.77 0.32 0.00	18.58 0.46 0.00	20.22 0.49 0.00	24.03 0.55 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.52 0.61 0.00	27.19 0.64 0.00	27.24 0.63 0.00	26.57 0.68 0.00	30.53 0.99 0.00	32.59 1.11 0.00	30.76 1.04 0.00	31.39 1.00 0.00	29.82 0.87 0.00	23.14 0.62 0.00	24.36 0.65 0.00
ROSETON___1 23587	20.44 0.79 0.00	16.57 0.61 0.00	13.81 0.50 0.00	14.06 0.51 0.00	12.27 0.43 0.00	12.98 0.45 0.00	14.62 0.53 0.00	13.96 0.51 0.00	18.85 0.73 0.00	20.54 0.80 0.00	24.51 1.02 0.00	23.44 1.02 0.00	27.64 1.22 0.00	28.19 1.28 0.00	27.76 1.21 0.00	27.79 1.18 0.00	27.09 1.21 0.00	31.09 1.55 0.00	33.11 1.63 0.00	31.32 1.54 -0.06	31.74 1.35 0.00	30.20 1.24 0.00	23.39 0.87 0.00	24.54 0.84 0.00
ROSETON___2 23588	20.44 0.79 0.00	16.57 0.61 0.00	13.81 0.50 0.00	14.06 0.51 0.00	12.27 0.43 0.00	12.98 0.45 0.00	14.62 0.53 0.00	13.96 0.51 0.00	18.85 0.73 0.00	20.54 0.80 0.00	24.51 1.02 0.00	23.44 1.02 0.00	27.64 1.22 0.00	28.19 1.28 0.00	27.76 1.21 0.00	27.79 1.18 0.00	27.09 1.21 0.00	31.09 1.55 0.00	33.11 1.63 0.00	31.32 1.54 -0.06	31.74 1.35 0.00	30.20 1.24 0.00	23.39 0.87 0.00	24.54 0.84 0.00
ROTTRDAM_115KV_TB3 80664	20.32 0.67 0.00	16.50 0.55 0.00	13.77 0.45 0.00	14.02 0.47 0.00	12.24 0.40 0.00	12.94 0.42 0.00	14.57 0.48 0.00	13.91 0.46 0.00	18.77 0.64 0.00	20.44 0.70 0.00	24.37 0.89 0.00	23.27 0.85 0.00	27.42 1.01 0.00	27.99 1.08 0.00	27.57 1.02 0.00	27.64 1.03 0.00	26.92 1.04 0.00	30.89 1.35 0.00	32.94 1.46 0.00	31.16 1.36 -0.08	31.67 1.28 0.00	30.11 1.16 0.00	23.29 0.77 0.00	24.47 0.77 0.00
RUSSELL___1 23602	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00

RUSSELL___2 23532	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00
RUSSELL___3 23549	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00
RUSSELL___4 23556	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00
RUSSELL___STATION 23914	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00
S SALMON___HYD 24043	19.78 0.13 0.00	16.07 0.11 0.00	13.44 0.13 0.00	13.69 0.14 0.00	11.95 0.12 0.00	12.65 0.13 0.00	14.26 0.18 0.00	13.63 0.18 0.00	18.37 0.25 0.00	19.89 0.15 0.00	23.66 0.18 0.00	22.54 0.12 0.00	26.59 0.18 0.00	27.05 0.14 0.00	26.70 0.14 0.00	26.74 0.12 0.00	26.01 0.12 0.00	30.03 0.49 0.00	32.09 0.61 0.00	30.33 0.61 0.00	31.00 0.61 0.00	29.44 0.48 0.00	22.85 0.33 0.00	24.10 0.40 0.00
S.PERRY___115KV_TB1 80734	20.01 0.36 0.00	16.28 0.32 0.00	13.56 0.24 0.00	13.76 0.21 0.00	12.07 0.23 0.00	12.69 0.16 0.00	14.23 0.14 0.00	13.62 0.17 0.00	18.29 0.17 0.00	19.74 0.01 0.00	23.43 -0.05 0.00	22.33 -0.09 0.00	26.44 0.03 0.00	26.94 0.03 0.00	26.66 0.11 0.00	26.80 0.18 0.00	26.04 0.16 0.00	29.93 0.39 0.00	31.98 0.50 0.00	30.25 0.53 -0.01	31.11 0.72 0.00	29.49 0.54 0.00	23.05 0.54 0.00	24.48 0.77 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.56 -0.09 0.00	15.92 -0.04 0.00	13.33 0.02 0.00	13.52 -0.03 0.00	11.86 0.02 0.00	12.57 0.04 0.00	14.01 -0.08 0.00	13.31 -0.14 0.00	17.76 -0.37 0.00	19.00 -0.74 0.00	22.54 -0.94 0.00	21.54 -0.87 0.00	25.57 -0.84 0.00	26.03 -0.88 0.00	25.76 -0.80 0.00	25.77 -0.85 0.00	24.87 -1.01 0.00	28.47 -1.07 0.00	30.35 -1.13 0.00	28.65 -1.07 -0.01	29.53 -0.86 0.00	28.10 -0.85 0.00	22.13 -0.39 0.00	23.76 0.05 0.00
SAWYER___23_KV_LOAD 55526	19.56 -0.09 0.00	15.92 -0.04 0.00	13.33 0.02 0.00	13.52 -0.03 0.00	11.86 0.02 0.00	12.57 0.04 0.00	14.01 -0.08 0.00	13.31 -0.14 0.00	17.76 -0.37 0.00	19.00 -0.74 0.00	22.54 -0.94 0.00	21.54 -0.87 0.00	25.57 -0.84 0.00	26.03 -0.88 0.00	25.76 -0.80 0.00	25.77 -0.85 0.00	24.87 -1.01 0.00	28.47 -1.07 0.00	30.35 -1.13 0.00	28.65 -1.07 -0.01	29.53 -0.86 0.00	28.10 -0.85 0.00	22.13 -0.39 0.00	23.76 0.05 0.00
SELKIRK___I 23801	20.09 0.44 0.00	16.32 0.36 0.00	13.63 0.31 0.00	13.87 0.32 0.00	12.15 0.31 0.00	12.81 0.28 0.00	14.39 0.30 0.00	13.74 0.29 0.00	18.53 0.41 0.00	20.18 0.44 0.00	24.08 0.59 0.00	22.99 0.58 0.00	27.16 0.74 0.00	27.73 0.82 0.00	27.30 0.75 0.00	27.38 0.77 0.00	26.64 0.76 0.00	30.55 1.02 0.00	32.57 1.09 0.00	30.79 1.00 -0.08	31.29 0.90 0.00	29.77 0.83 0.00	23.00 0.48 0.00	24.19 0.48 0.00
SELKIRK___II 23799	19.99 0.34 0.00	16.23 0.28 0.00	13.55 0.24 0.00	13.79 0.24 0.00	12.08 0.24 0.00	12.73 0.21 0.00	14.32 0.23 0.00	13.67 0.22 0.00	18.43 0.31 0.00	20.08 0.34 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.57 0.67 0.00	27.15 0.59 0.00	27.22 0.61 0.00	26.49 0.61 0.00	30.38 0.84 0.00	32.37 0.90 0.00	30.61 0.82 -0.08	31.10 0.70 0.00	29.59 0.64 0.00	22.87 0.35 0.00	24.05 0.34 0.00
SENECA OSWGO___HYD 24041	19.87 0.22 0.00	16.11 0.16 0.00	13.46 0.15 0.00	13.69 0.15 0.00	11.97 0.13 0.00	12.66 0.14 0.00	14.25 0.16 0.00	13.63 0.18 0.00	18.36 0.23 0.00	19.93 0.19 0.00	23.69 0.21 0.00	22.62 0.20 0.00	26.70 0.28 0.00	27.18 0.27 0.00	26.85 0.29 0.00	26.88 0.27 0.00	26.18 0.30 0.00	30.05 0.51 0.00	32.07 0.60 0.00	30.29 0.58 -0.01	30.95 0.56 0.00	29.38 0.43 0.00	22.82 0.31 0.00	24.10 0.39 0.00
SENECA___115KV_TB3 355854	19.81 0.16 0.00	16.11 0.15 0.00	13.47 0.16 0.00	13.68 0.13 0.00	11.99 0.16 0.00	12.70 0.17 0.00	14.17 0.08 0.00	13.48 0.03 0.00	18.00 -0.12 0.00	19.28 -0.46 0.00	22.88 -0.60 0.00	21.86 -0.56 0.00	25.95 -0.46 0.00	26.41 -0.50 0.00	26.14 -0.41 0.00	26.16 -0.45 0.00	25.28 -0.60 0.00	28.93 -0.61 0.00	30.86 -0.62 0.00	29.14 -0.58 -0.01	30.03 -0.36 0.00	28.57 -0.38 0.00	22.47 -0.05 0.00	24.10 0.39 0.00
SENECA___ENERGY 23797	19.48 -0.17 0.00	15.81 -0.14 0.00	13.17 -0.15 0.00	13.41 -0.14 0.00	11.73 -0.11 0.00	12.39 -0.13 0.00	13.92 -0.17 0.00	13.33 -0.12 0.00	17.94 -0.18 0.00	19.47 -0.27 0.00	23.24 -0.24 0.00	22.20 -0.21 0.00	26.27 -0.14 0.00	26.77 -0.14 0.00	26.47 -0.09 0.00	26.51 -0.11 0.00	25.79 -0.09 0.00	29.53 -0.01 0.00	31.47 -0.01 0.00	29.76 0.04 -0.01	30.43 0.04 0.00	28.79 -0.16 0.00	22.49 -0.02 0.00	23.84 0.14 0.00
SHOEMAKER___GT 23640	20.34 0.69 0.00	16.49 0.53 0.00	13.75 0.43 0.00	13.99 0.44 0.00	12.21 0.37 0.00	12.92 0.39 0.00	14.55 0.46 0.00	13.90 0.45 0.00	18.76 0.64 0.00	20.44 0.70 0.00	24.38 0.90 0.00	23.31 0.89 0.00	27.48 1.07 0.00	28.03 1.12 0.00	27.62 1.07 0.00	27.66 1.05 0.00	26.96 1.08 0.00	30.92 1.38 0.00	32.94 1.46 0.00	31.15 1.38 -0.06	31.61 1.22 0.00	30.06 1.11 0.00	23.30 0.78 0.00	24.46 0.75 0.00
SHOEMAKR_138KV_BK 111 55601	20.34 0.69 0.00	16.49 0.54 0.00	13.75 0.43 0.00	13.99 0.44 0.00	12.21 0.37 0.00	12.91 0.39 0.00	14.55 0.46 0.00	13.90 0.45 0.00	18.76 0.64 0.00	20.44 0.70 0.00	24.38 0.90 0.00	23.31 0.90 0.00	27.48 1.07 0.00	28.03 1.12 0.00	27.63 1.07 0.00	27.66 1.05 0.00	26.96 1.08 0.00	30.92 1.38 0.00	32.94 1.46 0.00	31.15 1.38 -0.06	31.61 1.22 0.00	30.06 1.11 0.00	23.29 0.78 0.00	24.45 0.75 0.00

SHOREHAM_IC_1 23715	21.20 1.55 0.00	17.15 1.20 0.00	14.33 1.02 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.27 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.69 2.78 0.00	29.30 2.74 0.00	29.23 2.62 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.06 3.28 -0.06	33.26 2.87 0.00	31.60 2.65 0.00	24.61 2.10 0.00	25.52 1.82 0.00
SHOREHAM_IC_2 23716	21.20 1.55 0.00	17.15 1.20 0.00	14.33 1.02 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.27 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.69 2.78 0.00	29.30 2.74 0.00	29.23 2.62 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.06 3.28 -0.06	33.26 2.87 0.00	31.60 2.65 0.00	24.61 2.10 0.00	25.52 1.82 0.00
SISSONVILLE____ 23735	19.68 0.03 0.00	16.00 0.04 0.00	13.38 0.06 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.61 0.09 0.00	14.21 0.12 0.00	13.57 0.12 0.00	18.29 0.17 0.00	20.02 0.29 0.00	23.63 0.15 0.00	22.27 -0.15 0.00	26.14 -0.27 0.00	26.53 -0.38 0.00	26.22 -0.33 0.00	26.26 -0.36 0.00	25.51 -0.38 0.00	29.06 -0.48 0.00	31.02 -0.45 0.00	29.34 -0.37 0.00	30.13 -0.26 0.00	29.04 0.09 0.00	22.69 0.17 0.00	23.74 0.03 0.00
SITHE_IND_GS1 24169	19.20 -0.45 0.00	15.58 -0.37 0.00	13.00 -0.31 0.00	13.23 -0.31 0.00	11.57 -0.27 0.00	12.24 -0.28 0.00	13.76 -0.33 0.00	13.14 -0.31 0.00	17.70 -0.43 0.00	19.21 -0.53 0.00	22.80 -0.68 0.00	21.78 -0.64 0.00	25.70 -0.71 0.00	26.18 -0.73 0.00	25.85 -0.71 0.00	25.90 -0.72 0.00	25.19 -0.70 0.00	28.80 -0.74 0.00	30.70 -0.78 0.00	28.99 -0.73 0.00	29.64 -0.75 0.00	28.20 -0.75 0.00	21.94 -0.58 0.00	23.20 -0.50 0.00
SITHE_IND_GS2 24170	19.20 -0.45 0.00	15.58 -0.37 0.00	13.00 -0.31 0.00	13.23 -0.31 0.00	11.57 -0.27 0.00	12.24 -0.28 0.00	13.76 -0.33 0.00	13.14 -0.31 0.00	17.70 -0.43 0.00	19.21 -0.53 0.00	22.80 -0.68 0.00	21.78 -0.64 0.00	25.70 -0.71 0.00	26.18 -0.73 0.00	25.85 -0.71 0.00	25.90 -0.72 0.00	25.19 -0.70 0.00	28.80 -0.74 0.00	30.70 -0.78 0.00	28.99 -0.73 0.00	29.64 -0.75 0.00	28.20 -0.75 0.00	21.94 -0.58 0.00	23.20 -0.50 0.00
SITHE_IND_GS3 24171	19.20 -0.45 0.00	15.58 -0.37 0.00	13.00 -0.31 0.00	13.23 -0.31 0.00	11.57 -0.27 0.00	12.24 -0.28 0.00	13.76 -0.33 0.00	13.14 -0.31 0.00	17.70 -0.43 0.00	19.21 -0.53 0.00	22.80 -0.68 0.00	21.78 -0.64 0.00	25.70 -0.71 0.00	26.18 -0.73 0.00	25.85 -0.71 0.00	25.90 -0.72 0.00	25.19 -0.70 0.00	28.80 -0.74 0.00	30.70 -0.78 0.00	28.99 -0.73 0.00	29.64 -0.75 0.00	28.20 -0.75 0.00	21.94 -0.58 0.00	23.20 -0.50 0.00
SITHE_IND_GS4 24172	19.20 -0.45 0.00	15.58 -0.37 0.00	13.00 -0.31 0.00	13.23 -0.31 0.00	11.57 -0.27 0.00	12.24 -0.28 0.00	13.76 -0.33 0.00	13.14 -0.31 0.00	17.70 -0.43 0.00	19.21 -0.53 0.00	22.80 -0.68 0.00	21.78 -0.64 0.00	25.70 -0.71 0.00	26.18 -0.73 0.00	25.85 -0.71 0.00	25.90 -0.72 0.00	25.19 -0.70 0.00	28.80 -0.74 0.00	30.70 -0.78 0.00	28.99 -0.73 0.00	29.64 -0.75 0.00	28.20 -0.75 0.00	21.94 -0.58 0.00	23.20 -0.50 0.00
SITHE____BATAVIA 24024	19.83 0.18 0.00	16.13 0.17 0.00	13.51 0.19 0.00	13.71 0.16 0.00	12.02 0.18 0.00	12.75 0.22 0.00	14.21 0.12 0.00	13.52 0.07 0.00	18.08 -0.05 0.00	19.39 -0.35 0.00	23.00 -0.48 0.00	21.94 -0.47 0.00	26.04 -0.37 0.00	26.54 -0.37 0.00	26.25 -0.30 0.00	26.28 -0.33 0.00	25.43 -0.45 0.00	29.18 -0.35 0.00	31.13 -0.35 0.00	29.42 -0.30 -0.01	30.24 -0.15 0.00	28.71 -0.24 0.00	22.53 0.02 0.00	24.13 0.43 0.00
SITHE____INDEPEND 23800	19.20 -0.45 0.00	15.58 -0.37 0.00	13.00 -0.31 0.00	13.23 -0.32 0.00	11.57 -0.27 0.00	12.24 -0.28 0.00	13.76 -0.33 0.00	13.14 -0.31 0.00	17.70 -0.43 0.00	19.21 -0.53 0.00	22.80 -0.68 0.00	21.78 -0.64 0.00	25.70 -0.71 0.00	26.18 -0.73 0.00	25.85 -0.71 0.00	25.90 -0.72 0.00	25.19 -0.70 0.00	28.80 -0.74 0.00	30.70 -0.78 0.00	28.99 -0.73 0.00	29.64 -0.75 0.00	28.20 -0.76 0.00	21.94 -0.58 0.00	23.20 -0.50 0.00
SITHE____MASSENA 23902	19.71 0.06 0.00	16.02 0.07 0.00	13.39 0.07 0.00	13.61 0.06 0.00	11.89 0.06 0.00	12.60 0.08 0.00	14.19 0.10 0.00	13.53 0.08 0.00	18.21 0.08 0.00	19.92 0.18 0.00	23.62 0.14 0.00	22.45 0.03 0.00	26.38 -0.03 0.00	26.81 -0.10 0.00	26.49 -0.06 0.00	26.56 -0.05 0.00	25.80 -0.08 0.00	29.32 -0.22 0.00	31.24 -0.23 0.00	29.52 -0.19 0.00	30.31 -0.08 0.00	29.01 0.06 0.00	22.64 0.12 0.00	23.75 0.04 0.00
SITHE____OGDNSBRG 24021	19.93 0.28 0.00	16.20 0.24 0.00	13.54 0.23 0.00	13.76 0.21 0.00	12.03 0.19 0.00	12.76 0.23 0.00	14.37 0.28 0.00	13.72 0.27 0.00	18.47 0.35 0.00	20.20 0.46 0.00	23.79 0.31 0.00	22.54 0.12 0.00	26.44 0.03 0.00	26.86 -0.05 0.00	26.55 0.00 0.00	26.62 0.01 0.00	25.88 0.00 0.00	29.46 -0.07 0.00	31.54 0.06 0.00	29.90 0.19 0.00	30.72 0.32 0.00	29.44 0.49 0.00	22.98 0.46 0.00	24.05 0.34 0.00
SITHE____STERLING 23777	19.93 0.28 0.00	16.16 0.20 0.00	13.48 0.16 0.00	13.72 0.17 0.00	11.99 0.15 0.00	12.69 0.16 0.00	14.29 0.21 0.00	13.67 0.22 0.00	18.44 0.32 0.00	20.07 0.33 0.00	23.86 0.37 0.00	22.74 0.32 0.00	26.85 0.44 0.00	27.37 0.46 0.00	27.03 0.47 0.00	27.10 0.48 0.00	26.41 0.52 0.00	30.30 0.76 0.00	32.34 0.86 0.00	30.53 0.81 0.00	31.15 0.76 0.00	29.60 0.65 0.00	22.97 0.45 0.00	24.20 0.49 0.00
SLEIGHT__34_KV_TB1 80719	19.87 0.22 0.00	16.15 0.19 0.00	13.44 0.12 0.00	13.69 0.14 0.00	11.98 0.14 0.00	12.69 0.16 0.00	14.23 0.14 0.00	13.64 0.19 0.00	18.38 0.26 0.00	19.88 0.14 0.00	23.64 0.16 0.00	22.58 0.17 0.00	26.73 0.32 0.00	27.19 0.28 0.00	26.90 0.35 0.00	26.96 0.34 0.00	26.13 0.25 0.00	30.03 0.49 0.00	31.95 0.48 0.00	30.26 0.55 -0.01	30.90 0.51 0.00	29.32 0.37 0.00	22.76 0.24 0.00	24.11 0.40 0.00
SOUTH CAIRO____GT 23612	20.52 0.86 0.00	16.65 0.69 0.00	13.90 0.58 0.00	14.14 0.59 0.00	12.40 0.56 0.00	13.07 0.55 0.00	14.70 0.61 0.00	14.07 0.62 0.00	19.02 0.90 0.00	20.75 1.02 0.00	24.81 1.32 0.00	23.66 1.24 0.00	27.96 1.55 0.00	28.58 1.67 0.00	28.12 1.57 0.00	28.22 1.61 0.00	27.50 1.62 0.00	31.61 2.07 0.00	33.75 2.27 0.00	31.88 2.10 -0.07	32.34 1.95 0.00	30.68 1.73 0.00	23.58 1.06 0.00	24.73 1.03 0.00
SOUTH HAMPTN____IC 23720	21.42 1.78 0.00	17.33 1.37 0.00	14.48 1.16 0.00	14.72 1.17 0.00	12.84 1.01 0.00	13.58 1.05 0.00	15.35 1.26 0.00	14.70 1.25 0.00	19.94 1.82 0.00	21.76 2.02 0.00	26.09 2.61 0.00	26.40 2.64 -1.34	29.45 3.04 0.00	30.06 3.15 0.00	29.68 3.12 0.00	29.60 2.99 0.00	28.94 3.06 0.00	33.25 3.71 0.00	35.30 3.82 0.00	33.47 3.70 -0.06	33.66 3.27 0.00	31.97 3.02 0.00	24.87 2.35 0.00	25.78 2.08 0.00

SOUTHDOWN_115KV_TB1 355954	20.35 0.70 0.00	16.48 0.53 0.00	13.70 0.39 0.00	13.96 0.42 0.00	12.20 0.36 0.00	12.91 0.39 0.00	14.47 0.38 0.00	13.85 0.40 0.00	18.50 0.38 0.00	19.96 0.22 0.00	23.74 0.26 0.00	22.70 0.28 0.00	26.97 0.56 0.00	27.38 0.47 0.00	27.14 0.58 0.00	27.08 0.46 0.00	26.19 0.31 0.00	30.07 0.54 0.00	32.05 0.58 0.00	30.33 0.61 -0.01	31.19 0.80 0.00	29.71 0.76 0.00	23.41 0.89 0.00	25.00 1.30 0.00
SOUTHOLD_69_KV_BK 2 55809	21.73 2.08 0.00	17.57 1.62 0.00	14.69 1.37 0.00	14.93 1.38 0.00	13.03 1.19 0.00	13.78 1.25 0.00	15.59 1.50 0.00	14.93 1.48 0.00	20.27 2.15 0.00	22.13 2.39 0.00	26.57 3.09 0.00	26.86 3.11 -1.34	29.98 3.57 0.00	30.60 3.69 0.00	30.20 3.64 0.00	30.13 3.51 0.00	29.45 3.57 0.00	33.84 4.30 0.00	35.93 4.45 0.00	34.06 4.29 -0.06	34.24 3.84 0.00	32.48 3.53 0.00	25.25 2.73 0.00	26.15 2.45 0.00
SOUTHOLD___IC 23719	21.73 2.08 0.00	17.57 1.62 0.00	14.69 1.37 0.00	14.93 1.38 0.00	13.03 1.19 0.00	13.78 1.25 0.00	15.59 1.50 0.00	14.93 1.48 0.00	20.27 2.15 0.00	22.13 2.39 0.00	26.57 3.09 0.00	26.87 3.11 -1.34	29.98 3.57 0.00	30.60 3.69 0.00	30.20 3.64 0.00	30.13 3.51 0.00	29.45 3.57 0.00	33.84 4.30 0.00	35.93 4.45 0.00	34.07 4.29 -0.06	34.24 3.84 0.00	32.48 3.53 0.00	25.25 2.73 0.00	26.16 2.45 0.00
SPIERFLS_115KV_TB 1 80737	20.90 1.25 0.00	16.96 1.01 0.00	14.17 0.86 0.00	14.44 0.89 0.00	12.59 0.75 0.00	13.33 0.81 0.00	15.04 0.95 0.00	14.36 0.91 0.00	19.39 1.27 0.00	21.16 1.42 0.00	25.28 1.80 0.00	24.11 1.69 0.00	28.27 1.86 0.00	28.88 1.97 0.00	28.34 1.79 0.00	28.37 1.76 0.00	27.79 1.91 0.00	31.96 2.43 0.00	34.36 2.89 0.00	32.46 2.66 -0.08	32.90 2.51 0.00	31.19 2.24 0.00	23.97 1.45 0.00	25.11 1.40 0.00
ST LAWRENCE____ 23600	19.48 -0.17 0.00	15.84 -0.12 0.00	13.23 -0.08 0.00	13.46 -0.10 0.00	11.75 -0.08 0.00	12.45 -0.07 0.00	14.01 -0.08 0.00	13.36 -0.09 0.00	17.97 -0.15 0.00	19.67 -0.07 0.00	23.36 -0.13 0.00	22.24 -0.18 0.00	26.13 -0.28 0.00	26.56 -0.35 0.00	26.24 -0.32 0.00	26.32 -0.30 0.00	25.56 -0.32 0.00	29.02 -0.52 0.00	30.91 -0.56 0.00	29.20 -0.51 0.00	29.98 -0.41 0.00	28.67 -0.28 0.00	22.38 -0.14 0.00	23.47 -0.24 0.00
STATE_CA_115KV_115_LB 55624	19.98 0.33 0.00	16.23 0.27 0.00	13.55 0.23 0.00	13.78 0.23 0.00	12.10 0.26 0.00	12.73 0.21 0.00	14.31 0.22 0.00	13.66 0.21 0.00	18.43 0.31 0.00	20.07 0.33 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.60 0.69 0.00	27.17 0.62 0.00	27.25 0.63 0.00	26.50 0.62 0.00	30.42 0.88 0.00	32.42 0.94 0.00	30.64 0.85 -0.08	31.13 0.73 0.00	29.61 0.66 0.00	22.87 0.35 0.00	24.04 0.33 0.00
STATE_ST_34_KV_LOAD 55959	19.83 0.18 0.00	16.11 0.16 0.00	13.38 0.07 0.00	13.67 0.12 0.00	11.94 0.10 0.00	12.65 0.13 0.00	14.20 0.11 0.00	13.59 0.14 0.00	18.33 0.21 0.00	19.81 0.07 0.00	23.62 0.14 0.00	22.54 0.12 0.00	26.67 0.25 0.00	27.12 0.21 0.00	26.78 0.23 0.00	26.88 0.27 0.00	26.05 0.16 0.00	29.93 0.39 0.00	31.80 0.33 0.00	30.14 0.42 -0.01	30.81 0.42 0.00	29.27 0.32 0.00	22.67 0.15 0.00	24.01 0.30 0.00
STATION 5_MISC_HYD 23604	19.54 -0.11 0.00	15.88 -0.08 0.00	13.27 -0.04 0.00	13.47 -0.08 0.00	11.79 -0.05 0.00	12.50 -0.02 0.00	14.00 -0.09 0.00	13.34 -0.11 0.00	17.88 -0.24 0.00	19.27 -0.47 0.00	22.86 -0.62 0.00	21.85 -0.57 0.00	25.87 -0.54 0.00	26.35 -0.56 0.00	26.06 -0.49 0.00	26.11 -0.51 0.00	25.29 -0.59 0.00	28.98 -0.56 0.00	30.89 -0.59 0.00	29.19 -0.54 -0.01	29.94 -0.45 0.00	28.45 -0.50 0.00	22.26 -0.25 0.00	23.72 0.01 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	19.65 0.00 0.00	15.96 0.00 0.00	13.32 0.00 0.00	13.53 -0.02 0.00	11.84 0.00 0.00	12.54 0.02 0.00	14.08 -0.01 0.00	13.44 -0.01 0.00	18.07 -0.06 0.00	19.52 -0.21 0.00	23.20 -0.29 0.00	22.17 -0.25 0.00	26.23 -0.18 0.00	26.73 -0.19 0.00	26.42 -0.14 0.00	26.46 -0.15 0.00	25.69 -0.19 0.00	29.43 -0.11 0.00	31.38 -0.10 0.00	29.65 -0.07 -0.01	30.36 -0.03 0.00	28.81 -0.15 0.00	22.50 -0.02 0.00	23.87 0.16 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	19.43 -0.22 0.00	15.78 -0.17 0.00	13.19 -0.12 0.00	13.39 -0.16 0.00	11.72 -0.12 0.00	12.43 -0.10 0.00	13.92 -0.16 0.00	13.26 -0.19 0.00	17.80 -0.33 0.00	19.19 -0.55 0.00	22.77 -0.71 0.00	21.77 -0.65 0.00	25.77 -0.64 0.00	26.25 -0.66 0.00	25.96 -0.60 0.00	26.01 -0.61 0.00	25.20 -0.68 0.00	28.87 -0.66 0.00	30.78 -0.70 0.00	29.08 -0.65 -0.01	29.81 -0.58 0.00	28.33 -0.62 0.00	22.15 -0.37 0.00	23.58 -0.13 0.00
STA_56___34_KV_BUS2 355983	19.43 -0.22 0.00	15.78 -0.17 0.00	13.19 -0.12 0.00	13.39 -0.16 0.00	11.72 -0.12 0.00	12.43 -0.10 0.00	13.92 -0.16 0.00	13.26 -0.19 0.00	17.80 -0.33 0.00	19.19 -0.55 0.00	22.77 -0.71 0.00	21.77 -0.65 0.00	25.77 -0.64 0.00	26.25 -0.66 0.00	25.96 -0.60 0.00	26.01 -0.61 0.00	25.20 -0.68 0.00	28.87 -0.66 0.00	30.78 -0.70 0.00	29.08 -0.65 -0.01	29.81 -0.58 0.00	28.33 -0.62 0.00	22.15 -0.37 0.00	23.58 -0.13 0.00
STA_67___115KV_BK2 355882	19.51 -0.14 0.00	15.86 -0.10 0.00	13.26 -0.06 0.00	13.45 -0.10 0.00	11.78 -0.06 0.00	12.49 -0.04 0.00	13.98 -0.11 0.00	13.32 -0.13 0.00	17.85 -0.27 0.00	19.23 -0.51 0.00	22.82 -0.67 0.00	21.81 -0.61 0.00	25.82 -0.60 0.00	26.30 -0.61 0.00	26.01 -0.55 0.00	26.06 -0.56 0.00	25.24 -0.64 0.00	28.92 -0.62 0.00	30.83 -0.65 0.00	29.12 -0.60 -0.01	29.87 -0.52 0.00	28.40 -0.55 0.00	22.22 -0.30 0.00	23.67 -0.03 0.00
STA_7___115KV_9TRANS 80674	19.61 -0.04 0.00	15.94 -0.02 0.00	13.32 0.00 0.00	13.51 -0.04 0.00	11.83 -0.01 0.00	12.54 0.02 0.00	14.05 -0.04 0.00	13.39 -0.06 0.00	17.95 -0.17 0.00	19.34 -0.40 0.00	22.96 -0.53 0.00	21.94 -0.47 0.00	25.98 -0.43 0.00	26.47 -0.44 0.00	26.17 -0.38 0.00	26.22 -0.39 0.00	25.41 -0.48 0.00	29.12 -0.41 0.00	31.05 -0.43 0.00	29.33 -0.39 -0.01	30.09 -0.30 0.00	28.59 -0.37 0.00	22.36 -0.16 0.00	23.81 0.10 0.00
STA_82___115KV_TB1 80780	19.52 -0.13 0.00	15.86 -0.10 0.00	13.26 -0.06 0.00	13.45 -0.10 0.00	11.78 -0.06 0.00	12.49 -0.03 0.00	13.99 -0.10 0.00	13.33 -0.12 0.00	17.86 -0.26 0.00	19.24 -0.50 0.00	22.82 -0.66 0.00	21.82 -0.60 0.00	25.84 -0.57 0.00	26.32 -0.59 0.00	26.02 -0.54 0.00	26.06 -0.55 0.00	25.25 -0.63 0.00	28.93 -0.60 0.00	30.84 -0.64 0.00	29.14 -0.58 -0.01	29.90 -0.49 0.00	28.40 -0.55 0.00	22.23 -0.29 0.00	23.68 -0.02 0.00
STEEL___WIND 323596	19.79 0.14 0.00	16.09 0.14 0.00	13.46 0.15 0.00	13.66 0.12 0.00	11.98 0.15 0.00	12.69 0.16 0.00	14.15 0.06 0.00	13.47 0.02 0.00	17.98 -0.14 0.00	19.26 -0.48 0.00	22.85 -0.63 0.00	21.83 -0.59 0.00	25.91 -0.50 0.00	26.37 -0.53 0.00	26.11 -0.44 0.00	26.13 -0.48 0.00	25.25 -0.62 0.00	28.90 -0.64 0.00	30.83 -0.65 0.00	29.12 -0.60 -0.01	30.00 -0.39 0.00	28.56 -0.40 0.00	22.45 -0.07 0.00	24.08 0.37 0.00

STEPHTWN_115KV_BK_2 55603	20.10 0.45 0.00	16.31 0.36 0.00	13.59 0.27 0.00	13.85 0.30 0.00	12.14 0.30 0.00	12.78 0.25 0.00	14.39 0.30 0.00	13.75 0.29 0.00	18.55 0.43 0.00	20.19 0.45 0.00	24.12 0.63 0.00	22.99 0.58 0.00	27.23 0.81 0.00	27.75 0.83 0.00	27.34 0.79 0.00	27.39 0.78 0.00	26.67 0.78 0.00	30.67 1.13 0.00	32.67 1.19 0.00	30.85 1.06 -0.08	31.34 0.95 0.00	29.79 0.84 0.00	22.98 0.46 0.00	24.16 0.45 0.00
STEBEN_REC_LFGE 323667	19.56 -0.09 0.00	16.10 0.14 0.00	13.25 -0.07 0.00	13.45 -0.09 0.00	11.90 0.06 0.00	12.21 -0.31 0.00	13.71 -0.37 0.00	13.26 -0.20 0.00	17.84 -0.28 0.00	19.38 -0.36 0.00	23.10 -0.39 0.00	22.04 -0.38 0.00	26.17 -0.24 0.00	26.69 -0.22 0.00	26.51 -0.04 0.00	26.64 0.02 0.00	25.86 -0.02 0.00	29.58 0.04 0.00	31.53 0.06 0.00	29.79 0.06 -0.01	30.84 0.45 0.00	29.22 0.27 0.00	22.97 0.45 0.00	24.43 0.72 0.00
STONY__BROOK 24151	21.08 1.43 0.00	17.05 1.10 0.00	14.24 0.93 0.00	14.48 0.93 0.00	12.63 0.80 0.00	13.35 0.82 0.00	15.09 1.00 0.00	14.44 0.99 0.00	19.59 1.47 0.00	21.34 1.60 0.00	25.59 2.10 0.00	25.91 2.15 -1.34	28.88 2.47 0.00	29.50 2.59 0.00	29.11 2.56 0.00	29.05 2.44 0.00	28.40 2.52 0.00	32.63 3.09 0.00	34.62 3.15 0.00	32.83 3.05 -0.06	33.05 2.66 0.00	31.42 2.47 0.00	24.46 1.94 0.00	25.38 1.67 0.00
STURGEON_POOL_HYD 23609	20.54 0.88 0.00	16.63 0.67 0.00	13.86 0.54 0.00	14.11 0.56 0.00	12.29 0.45 0.00	13.01 0.49 0.00	14.67 0.59 0.00	14.02 0.57 0.00	18.94 0.82 0.00	20.64 0.90 0.00	24.62 1.13 0.00	23.56 1.14 0.00	27.76 1.35 0.00	28.32 1.41 0.00	27.90 1.34 0.00	27.90 1.29 0.00	27.22 1.33 0.00	31.23 1.69 0.00	33.24 1.76 0.00	31.45 1.67 -0.06	31.86 1.47 0.00	30.31 1.36 0.00	23.50 0.98 0.00	24.65 0.94 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	20.45 0.80 0.00	16.58 0.62 0.00	13.81 0.49 0.00	14.05 0.50 0.00	12.26 0.42 0.00	12.97 0.44 0.00	14.61 0.52 0.00	13.97 0.52 0.00	18.86 0.74 0.00	20.55 0.81 0.00	24.52 1.04 0.00	23.46 1.04 0.00	27.66 1.25 0.00	28.21 1.30 0.00	27.80 1.24 0.00	27.82 1.21 0.00	27.12 1.24 0.00	31.13 1.59 0.00	33.15 1.67 0.00	31.35 1.58 -0.06	31.77 1.38 0.00	30.22 1.26 0.00	23.42 0.90 0.00	24.57 0.87 0.00
SWANROAD_115KV_TB1 355699	19.19 -0.47 0.00	15.62 -0.33 0.00	13.12 -0.20 0.00	13.33 -0.22 0.00	11.69 -0.14 0.00	12.40 -0.12 0.00	13.75 -0.34 0.00	13.04 -0.41 0.00	17.39 -0.73 0.00	18.55 -1.18 0.00	22.01 -1.47 0.00	21.05 -1.37 0.00	24.96 -1.46 0.00	25.43 -1.48 0.00	25.18 -1.38 0.00	25.18 -1.43 0.00	24.27 -1.62 0.00	27.80 -1.74 0.00	29.63 -1.85 0.00	27.97 -1.76 -0.01	28.82 -1.57 0.00	27.42 -1.54 0.00	21.64 -0.88 0.00	23.33 -0.37 0.00
SYNERGY__BIOGAS 323694	19.83 0.18 0.00	16.13 0.17 0.00	13.51 0.19 0.00	13.71 0.16 0.00	12.02 0.18 0.00	12.75 0.22 0.00	14.21 0.12 0.00	13.52 0.07 0.00	18.08 -0.05 0.00	19.39 -0.35 0.00	23.00 -0.48 0.00	21.94 -0.47 0.00	26.04 -0.37 0.00	26.54 -0.37 0.00	26.25 -0.30 0.00	26.28 -0.33 0.00	25.43 -0.45 0.00	29.18 -0.35 0.00	31.13 -0.35 0.00	29.42 -0.30 -0.01	30.24 -0.15 0.00	28.71 -0.24 0.00	22.53 0.02 0.00	24.13 0.43 0.00
SYRACUSE__ENERGY_ST1 323597	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
SYRACUSE__ENERGY_ST2 323598	19.71 0.06 0.00	16.00 0.04 0.00	13.35 0.03 0.00	13.58 0.04 0.00	11.87 0.04 0.00	12.56 0.04 0.00	14.13 0.04 0.00	13.51 0.06 0.00	18.20 0.08 0.00	19.75 0.01 0.00	23.47 -0.01 0.00	22.42 0.00 0.00	26.46 0.05 0.00	26.96 0.05 0.00	26.62 0.07 0.00	26.68 0.07 0.00	25.96 0.08 0.00	29.73 0.19 0.00	31.70 0.22 0.00	29.95 0.23 -0.01	30.60 0.21 0.00	29.07 0.12 0.00	22.59 0.08 0.00	23.87 0.16 0.00
SYRACUSE__POWER 24017	19.64 -0.02 0.00	15.93 -0.03 0.00	13.29 -0.02 0.00	13.53 -0.02 0.00	11.82 -0.01 0.00	12.51 -0.01 0.00	14.07 -0.02 0.00	13.45 0.00 0.00	18.11 -0.01 0.00	19.66 -0.08 0.00	23.36 -0.12 0.00	22.31 -0.10 0.00	26.35 -0.06 0.00	26.84 -0.07 0.00	26.50 -0.05 0.00	26.57 -0.05 0.00	25.86 -0.03 0.00	29.59 0.06 0.00	31.57 0.09 0.00	29.80 0.08 -0.01	30.46 0.07 0.00	28.94 -0.01 0.00	22.50 -0.01 0.00	23.77 0.06 0.00
TALLMAN__138KV_BK151 55660	20.59 0.93 0.00	16.68 0.73 0.00	13.88 0.57 0.00	14.13 0.58 0.00	12.33 0.49 0.00	13.04 0.51 0.00	14.69 0.60 0.00	14.05 0.60 0.00	18.97 0.85 0.00	20.67 0.94 0.00	24.67 1.19 0.00	23.62 1.20 0.00	27.84 1.43 0.00	28.39 1.48 0.00	27.98 1.42 0.00	28.00 1.38 0.00	27.29 1.41 0.00	31.35 1.81 0.00	33.37 1.89 0.00	31.57 1.79 -0.06	31.96 1.57 0.00	30.40 1.45 0.00	23.56 1.05 0.00	24.72 1.01 0.00
TEALLAVE_115KV_TB7 355573	19.54 -0.11 0.00	15.86 -0.10 0.00	13.23 -0.08 0.00	13.46 -0.09 0.00	11.77 -0.07 0.00	12.44 -0.08 0.00	14.00 -0.09 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.55 -0.18 0.00	23.23 -0.25 0.00	22.20 -0.22 0.00	26.20 -0.21 0.00	26.70 -0.21 0.00	26.36 -0.19 0.00	26.42 -0.20 0.00	25.70 -0.18 0.00	29.42 -0.12 0.00	31.37 -0.11 0.00	29.62 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.65 -0.06 0.00
TELGRAPH_34_KV_EAST 80808	19.57 -0.08 0.00	15.92 -0.03 0.00	13.35 0.03 0.00	13.55 0.00 0.00	11.89 0.05 0.00	12.60 0.08 0.00	14.02 -0.07 0.00	13.32 -0.13 0.00	17.78 -0.34 0.00	19.03 -0.71 0.00	22.57 -0.91 0.00	21.57 -0.85 0.00	25.59 -0.82 0.00	26.06 -0.85 0.00	25.79 -0.76 0.00	25.81 -0.80 0.00	24.93 -0.96 0.00	28.57 -0.97 0.00	30.46 -1.02 0.00	28.76 -0.96 -0.01	29.62 -0.77 0.00	28.15 -0.80 0.00	22.15 -0.37 0.00	23.80 0.09 0.00
TEMPLE__115KV_TB 2 55572	19.55 -0.10 0.00	15.86 -0.09 0.00	13.24 -0.08 0.00	13.47 -0.08 0.00	11.77 -0.07 0.00	12.45 -0.07 0.00	14.00 -0.08 0.00	13.38 -0.07 0.00	18.02 -0.10 0.00	19.56 -0.18 0.00	23.24 -0.24 0.00	22.20 -0.22 0.00	26.21 -0.20 0.00	26.71 -0.20 0.00	26.37 -0.19 0.00	26.42 -0.19 0.00	25.72 -0.17 0.00	29.43 -0.11 0.00	31.39 -0.09 0.00	29.63 -0.09 -0.01	30.28 -0.11 0.00	28.77 -0.18 0.00	22.38 -0.14 0.00	23.66 -0.05 0.00
TIANA____69_KV_BK 1 55817	21.35 1.70 0.00	17.27 1.31 0.00	14.43 1.11 0.00	14.67 1.12 0.00	12.80 0.96 0.00	13.53 1.01 0.00	15.30 1.21 0.00	14.65 1.20 0.00	19.87 1.75 0.00	21.66 1.92 0.00	25.98 2.50 0.00	26.29 2.54 -1.34	29.33 2.92 0.00	29.95 3.04 0.00	29.56 3.01 0.00	29.48 2.87 0.00	28.83 2.95 0.00	33.12 3.59 0.00	35.16 3.69 0.00	33.34 3.57 -0.06	33.54 3.15 0.00	31.86 2.91 0.00	24.79 2.27 0.00	25.70 2.00 0.00

TILDEN___115KV_TB1 80814	19.64 -0.02 0.00	15.93 -0.03 0.00	13.29 -0.02 0.00	13.53 -0.02 0.00	11.82 -0.01 0.00	12.51 -0.01 0.00	14.07 -0.02 0.00	13.45 0.00 0.00	18.11 -0.01 0.00	19.66 -0.08 0.00	23.36 -0.12 0.00	22.31 -0.10 0.00	26.35 -0.06 0.00	26.84 -0.07 0.00	26.50 -0.05 0.00	26.57 -0.05 0.00	25.86 -0.03 0.00	29.59 0.06 0.00	31.57 0.09 0.00	29.80 0.08 -0.01	30.46 0.07 0.00	28.94 -0.01 0.00	22.50 -0.01 0.00	23.77 0.06 0.00
TRIGEN___CC 323695	20.82 1.17 0.00	16.85 0.90 0.00	14.05 0.73 0.00	14.29 0.74 0.00	12.47 0.63 0.00	13.18 0.66 0.00	14.88 0.79 0.00	14.23 0.78 0.00	19.28 1.16 0.00	20.98 1.24 0.00	25.13 1.64 0.00	25.40 1.65 -1.34	28.31 1.90 0.00	28.88 1.97 0.00	28.47 1.91 0.00	28.43 1.82 0.00	27.77 1.88 0.00	31.86 2.33 0.00	33.84 2.37 0.00	32.08 2.30 -0.06	32.40 2.01 0.00	30.85 1.89 0.00	23.96 1.44 0.00	24.99 1.29 0.00
TRINITY__115KV__4 BK 55933	19.89 0.24 0.00	16.16 0.21 0.00	13.50 0.18 0.00	13.73 0.18 0.00	12.05 0.21 0.00	12.68 0.16 0.00	14.25 0.16 0.00	13.60 0.15 0.00	18.34 0.22 0.00	19.98 0.24 0.00	23.85 0.37 0.00	22.79 0.37 0.00	26.89 0.48 0.00	27.47 0.56 0.00	27.04 0.48 0.00	27.12 0.51 0.00	26.38 0.50 0.00	30.27 0.73 0.00	32.27 0.79 0.00	30.50 0.71 -0.08	30.97 0.58 0.00	29.48 0.53 0.00	22.76 0.24 0.00	23.94 0.23 0.00
UNION___PROCESSING_DRP 323587	19.53 -0.13 0.00	15.86 -0.09 0.00	13.26 -0.05 0.00	13.46 -0.09 0.00	11.79 -0.05 0.00	12.49 -0.03 0.00	13.99 -0.10 0.00	13.33 -0.12 0.00	17.87 -0.25 0.00	19.25 -0.49 0.00	22.83 -0.65 0.00	21.82 -0.59 0.00	25.84 -0.57 0.00	26.32 -0.59 0.00	26.03 -0.52 0.00	26.07 -0.54 0.00	25.26 -0.62 0.00	28.94 -0.60 0.00	30.86 -0.62 0.00	29.15 -0.57 -0.01	29.90 -0.49 0.00	28.42 -0.53 0.00	22.24 -0.28 0.00	23.69 -0.01 0.00
UPPER HUDSON___HYD 24058	20.90 1.25 0.00	16.96 1.01 0.00	14.17 0.86 0.00	14.44 0.89 0.00	12.59 0.75 0.00	13.33 0.81 0.00	15.04 0.95 0.00	14.36 0.91 0.00	19.39 1.27 0.00	21.16 1.42 0.00	25.28 1.80 0.00	24.11 1.69 0.00	28.27 1.86 0.00	28.88 1.97 0.00	28.34 1.79 0.00	28.37 1.76 0.00	27.79 1.91 0.00	31.96 2.43 0.00	34.36 2.89 0.00	32.46 2.66 -0.08	32.90 2.51 0.00	31.19 2.24 0.00	23.97 1.45 0.00	25.11 1.40 0.00
UPPER RAQUET___HYD 24056	19.68 0.03 0.00	16.00 0.04 0.00	13.38 0.06 0.00	13.60 0.05 0.00	11.89 0.05 0.00	12.61 0.09 0.00	14.21 0.12 0.00	13.57 0.12 0.00	18.29 0.17 0.00	20.02 0.29 0.00	23.63 0.15 0.00	22.27 -0.15 0.00	26.14 -0.27 0.00	26.53 -0.38 0.00	26.23 -0.33 0.00	26.26 -0.36 0.00	25.51 -0.37 0.00	29.06 -0.48 0.00	31.02 -0.45 0.00	29.34 -0.37 0.00	30.13 -0.26 0.00	29.04 0.09 0.00	22.69 0.17 0.00	23.74 0.03 0.00
VALLEY44_115KV_TB2 355964	20.40 0.75 0.00	16.54 0.58 0.00	13.81 0.49 0.00	14.04 0.49 0.00	12.30 0.46 0.00	13.02 0.50 0.00	14.56 0.48 0.00	13.92 0.47 0.00	18.59 0.47 0.00	19.92 0.18 0.00	23.55 0.07 0.00	22.40 -0.02 0.00	26.56 0.15 0.00	27.01 0.10 0.00	26.74 0.18 0.00	26.75 0.13 0.00	25.91 0.03 0.00	29.78 0.24 0.00	31.78 0.30 0.00	29.96 0.23 -0.01	30.80 0.41 0.00	29.34 0.39 0.00	23.09 0.57 0.00	24.73 1.02 0.00
VALLEY___115KV_TB 1-4 80826	19.37 -0.28 0.00	15.71 -0.24 0.00	13.12 -0.19 0.00	13.39 -0.16 0.00	11.73 -0.10 0.00	12.45 -0.07 0.00	13.97 -0.12 0.00	13.36 -0.09 0.00	18.05 -0.07 0.00	19.63 -0.11 0.00	23.36 -0.13 0.00	22.35 -0.07 0.00	26.32 -0.09 0.00	26.89 -0.02 0.00	26.59 0.04 0.00	26.65 0.04 0.00	25.98 0.09 0.00	29.74 0.20 0.00	31.80 0.32 0.00	30.02 0.31 0.00	30.54 0.14 0.00	28.96 0.01 0.00	22.41 -0.11 0.00	23.48 -0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	20.26 0.61 0.00	16.43 0.47 0.00	13.70 0.39 0.00	13.95 0.40 0.00	12.19 0.35 0.00	12.88 0.36 0.00	14.51 0.42 0.00	13.89 0.43 0.00	18.74 0.62 0.00	20.43 0.69 0.00	24.35 0.86 0.00	23.27 0.85 0.00	27.45 1.03 0.00	27.97 1.06 0.00	27.58 1.02 0.00	27.63 1.01 0.00	26.90 1.02 0.00	30.85 1.31 0.00	32.86 1.38 0.00	31.02 1.28 -0.03	31.58 1.18 0.00	29.98 1.03 0.00	23.24 0.72 0.00	24.43 0.73 0.00
VISCHER___FERRY HYD 24020	20.26 0.61 0.00	16.47 0.51 0.00	13.75 0.43 0.00	14.00 0.45 0.00	12.22 0.38 0.00	12.92 0.39 0.00	14.52 0.43 0.00	13.85 0.40 0.00	18.69 0.57 0.00	20.36 0.62 0.00	24.31 0.83 0.00	23.21 0.80 0.00	27.39 0.98 0.00	27.99 1.08 0.00	27.54 0.98 0.00	27.63 1.02 0.00	26.87 0.99 0.00	30.85 1.32 0.00	32.94 1.46 0.00	31.12 1.33 -0.08	31.61 1.22 0.00	30.08 1.13 0.00	23.17 0.66 0.00	24.36 0.66 0.00
V_A_10_SYNC_DSASP 323832	19.32 -0.33 0.00	15.72 -0.24 0.00	13.16 -0.16 0.00	13.34 -0.20 0.00	11.70 -0.14 0.00	12.41 -0.12 0.00	13.85 -0.24 0.00	13.17 -0.28 0.00	17.59 -0.53 0.00	18.85 -0.88 0.00	22.34 -1.14 0.00	21.34 -1.07 0.00	25.31 -1.10 0.00	25.78 -1.13 0.00	25.50 -1.05 0.00	25.51 -1.10 0.00	24.65 -1.23 0.00	28.24 -1.29 0.00	30.10 -1.38 0.00	28.42 -1.30 -0.01	29.23 -1.16 0.00	27.81 -1.14 0.00	21.86 -0.66 0.00	23.42 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	19.57 -0.08 0.00	15.91 -0.05 0.00	13.29 -0.02 0.00	13.51 -0.04 0.00	11.81 -0.03 0.00	12.51 -0.01 0.00	14.07 -0.01 0.00	13.42 -0.03 0.00	18.06 -0.06 0.00	19.75 0.01 0.00	23.46 -0.02 0.00	22.34 -0.08 0.00	26.24 -0.17 0.00	26.68 -0.23 0.00	26.36 -0.19 0.00	26.44 -0.18 0.00	25.68 -0.19 0.00	29.16 -0.37 0.00	31.06 -0.42 0.00	29.34 -0.37 0.00	30.12 -0.27 0.00	28.80 -0.15 0.00	22.48 -0.04 0.00	23.58 -0.13 0.00
V_CMP_10_SYNC_DSASP 323788	20.01 0.36 0.00	16.25 0.30 0.00	13.58 0.27 0.00	13.85 0.30 0.00	12.14 0.31 0.00	12.91 0.38 0.00	14.59 0.50 0.00	13.90 0.45 0.00	18.74 0.62 0.00	20.60 0.86 0.00	24.54 1.06 0.00	23.31 0.89 0.00	27.29 0.88 0.00	27.51 0.60 0.00	27.33 0.77 0.00	27.48 0.87 0.00	26.58 0.70 0.00	30.55 1.02 0.00	32.81 1.33 0.00	30.94 1.23 0.00	31.53 1.14 0.00	29.92 0.97 0.00	22.96 0.44 0.00	23.79 0.09 0.00
V_E_10_SYNC_DSASP 323830	20.34 0.69 0.00	16.48 0.53 0.00	13.74 0.43 0.00	14.04 0.49 0.00	12.22 0.39 0.00	12.87 0.34 0.00	14.61 0.52 0.00	14.10 0.65 0.00	18.88 0.76 0.00	20.64 0.91 0.00	24.60 1.12 0.00	23.51 1.09 0.00	27.73 1.32 0.00	28.29 1.38 0.00	28.01 1.45 0.00	28.26 1.64 0.00	27.61 1.73 0.00	31.74 2.20 0.00	34.09 2.61 0.00	31.99 2.26 -0.02	32.43 2.04 0.00	30.77 1.82 0.00	23.80 1.29 0.00	24.90 1.19 0.00
V_F_30_NSYNC___DSASP 323816	20.65 1.00 0.00	16.77 0.82 0.00	14.00 0.68 0.00	14.26 0.71 0.00	12.45 0.61 0.00	13.17 0.64 0.00	14.82 0.73 0.00	14.15 0.70 0.00	19.09 0.97 0.00	20.81 1.07 0.00	24.84 1.35 0.00	23.71 1.29 0.00	27.92 1.51 0.00	28.52 1.61 0.00	28.06 1.51 0.00	28.13 1.52 0.00	27.43 1.54 0.00	31.51 1.97 0.00	33.69 2.21 0.00	31.84 2.04 -0.08	32.32 1.93 0.00	30.70 1.75 0.00	23.66 1.14 0.00	24.84 1.13 0.00

V_F_30_SYNC_DSASP 323786	19.98 0.33 0.00	16.23 0.27 0.00	13.55 0.23 0.00	13.78 0.23 0.00	12.09 0.26 0.00	12.73 0.21 0.00	14.30 0.22 0.00	13.66 0.21 0.00	18.43 0.31 0.00	20.07 0.33 0.00	23.96 0.47 0.00	22.89 0.47 0.00	27.01 0.60 0.00	27.59 0.69 0.00	27.17 0.62 0.00	27.25 0.63 0.00	26.50 0.62 0.00	30.41 0.88 0.00	32.42 0.94 0.00	30.64 0.85 -0.08	31.13 0.73 0.00	29.61 0.66 0.00	22.87 0.35 0.00	24.04 0.33 0.00
V_XM_10_SYNC_DSASP 323789	20.01 0.36 0.00	16.25 0.30 0.00	13.58 0.27 0.00	13.85 0.30 0.00	12.14 0.31 0.00	12.91 0.38 0.00	14.59 0.50 0.00	13.90 0.45 0.00	18.74 0.62 0.00	20.60 0.86 0.00	24.54 1.06 0.00	23.31 0.89 0.00	27.29 0.88 0.00	27.51 0.60 0.00	27.33 0.77 0.00	27.48 0.87 0.00	26.58 0.70 0.00	30.55 1.02 0.00	32.81 1.33 0.00	30.94 1.23 0.00	31.53 1.14 0.00	29.92 0.97 0.00	22.96 0.44 0.00	23.79 0.09 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.64 0.99 0.00	16.71 0.76 0.00	13.92 0.61 0.00	14.17 0.62 0.00	12.36 0.52 0.00	13.07 0.55 0.00	14.73 0.64 0.00	14.09 0.64 0.00	19.03 0.90 0.00	20.73 0.99 0.00	24.74 1.26 0.00	23.68 1.26 0.00	27.92 1.51 0.00	28.47 1.57 0.00	28.06 1.50 0.00	28.08 1.46 0.00	27.38 1.50 0.00	31.44 1.90 0.00	33.47 1.99 0.00	31.67 1.90 -0.06	32.06 1.67 0.00	30.49 1.54 0.00	23.63 1.11 0.00	24.79 1.08 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.75 1.10 0.00	16.79 0.84 0.00	13.99 0.68 0.00	14.24 0.69 0.00	12.42 0.58 0.00	13.14 0.62 0.00	14.82 0.73 0.00	14.15 0.70 0.00	19.11 0.99 0.00	20.83 1.09 0.00	24.87 1.38 0.00	23.78 1.37 0.00	28.00 1.59 0.00	28.52 1.61 0.00	28.10 1.55 0.00	28.10 1.49 0.00	27.42 1.54 0.00	31.47 1.93 0.00	33.49 2.01 0.00	31.69 1.92 -0.06	32.08 1.69 0.00	30.52 1.57 0.00	23.70 1.18 0.00	24.87 1.17 0.00
W50THST__13_KV_LOAD 356117	20.85 1.20 0.00	16.88 0.93 0.00	14.07 0.75 0.00	14.32 0.77 0.00	12.48 0.64 0.00	13.21 0.68 0.00	14.89 0.81 0.00	14.23 0.78 0.00	19.23 1.11 0.00	20.95 1.22 0.00	25.02 1.53 0.00	23.93 1.51 0.00	28.17 1.76 0.00	28.68 1.77 0.00	28.26 1.71 0.00	28.26 1.65 0.00	27.58 1.69 0.00	31.64 2.10 0.00	33.67 2.19 0.00	31.85 2.08 -0.06	32.23 1.84 0.00	30.66 1.71 0.00	23.82 1.31 0.00	25.01 1.31 0.00
WADING RIVER_IC_1 23522	21.20 1.55 0.00	17.15 1.19 0.00	14.33 1.01 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.26 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.68 2.77 0.00	29.30 2.74 0.00	29.23 2.61 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.05 3.27 -0.06	33.25 2.86 0.00	31.60 2.65 0.00	24.60 2.08 0.00	25.52 1.81 0.00
WADING RIVER_IC_2 23547	21.20 1.55 0.00	17.15 1.19 0.00	14.33 1.01 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.26 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.68 2.77 0.00	29.30 2.74 0.00	29.23 2.61 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.05 3.27 -0.06	33.25 2.86 0.00	31.60 2.65 0.00	24.60 2.08 0.00	25.52 1.81 0.00
WADING RIVER_IC_3 23601	21.20 1.55 0.00	17.15 1.19 0.00	14.33 1.01 0.00	14.57 1.02 0.00	12.71 0.87 0.00	13.43 0.91 0.00	15.19 1.10 0.00	14.54 1.09 0.00	19.71 1.59 0.00	21.48 1.74 0.00	25.75 2.26 0.00	26.07 2.31 -1.34	29.06 2.65 0.00	29.68 2.77 0.00	29.30 2.74 0.00	29.23 2.61 0.00	28.58 2.70 0.00	32.83 3.29 0.00	34.86 3.38 0.00	33.05 3.27 -0.06	33.25 2.86 0.00	31.60 2.65 0.00	24.60 2.08 0.00	25.52 1.81 0.00
WALDENNY_12_KV_BK2 80841	19.77 0.12 0.00	16.08 0.13 0.00	13.45 0.14 0.00	13.66 0.11 0.00	11.98 0.14 0.00	12.68 0.16 0.00	14.15 0.06 0.00	13.46 0.01 0.00	17.96 -0.16 0.00	19.23 -0.51 0.00	22.84 -0.65 0.00	21.82 -0.60 0.00	25.91 -0.50 0.00	26.37 -0.54 0.00	26.10 -0.45 0.00	26.11 -0.50 0.00	25.23 -0.65 0.00	28.88 -0.66 0.00	30.80 -0.68 0.00	29.08 -0.64 -0.01	29.98 -0.41 0.00	28.51 -0.44 0.00	22.42 -0.09 0.00	24.06 0.35 0.00
WALDEN__HYDRO 24148	20.59 0.94 0.00	16.68 0.73 0.00	13.89 0.57 0.00	14.13 0.59 0.00	12.34 0.50 0.00	13.05 0.53 0.00	14.70 0.61 0.00	14.06 0.61 0.00	18.99 0.87 0.00	20.70 0.96 0.00	24.70 1.22 0.00	23.63 1.21 0.00	27.85 1.43 0.00	28.40 1.49 0.00	28.01 1.45 0.00	28.05 1.43 0.00	27.33 1.45 0.00	31.39 1.85 0.00	33.44 1.96 0.00	31.62 1.85 -0.06	32.04 1.65 0.00	30.45 1.50 0.00	23.59 1.08 0.00	24.74 1.04 0.00
WARRENSBURG____ 23737	20.90 1.25 0.00	16.96 1.01 0.00	14.17 0.86 0.00	14.44 0.89 0.00	12.59 0.75 0.00	13.33 0.81 0.00	15.04 0.95 0.00	14.36 0.91 0.00	19.39 1.27 0.00	21.16 1.42 0.00	25.28 1.80 0.00	24.11 1.69 0.00	28.27 1.86 0.00	28.88 1.97 0.00	28.34 1.79 0.00	28.37 1.76 0.00	27.79 1.91 0.00	31.96 2.43 0.00	34.36 2.89 0.00	32.46 2.66 -0.08	32.90 2.51 0.00	31.19 2.24 0.00	23.97 1.45 0.00	25.11 1.40 0.00
WATERSIDE____6 8 9 23538	20.75 1.10 0.00	16.78 0.83 0.00	13.99 0.67 0.00	14.23 0.68 0.00	12.41 0.57 0.00	13.13 0.60 0.00	14.81 0.72 0.00	14.15 0.69 0.00	19.12 0.99 0.00	20.83 1.09 0.00	24.86 1.37 0.00	23.79 1.38 0.00	27.98 1.57 0.00	28.51 1.60 0.00	28.09 1.54 0.00	28.09 1.48 0.00	27.41 1.53 0.00	31.44 1.90 0.00	33.46 1.98 0.00	31.66 1.89 -0.06	32.04 1.65 0.00	30.51 1.55 0.00	23.70 1.18 0.00	24.88 1.17 0.00
WATKINRD_115KV_LN8_ILLION 55919	19.54 -0.11 0.00	15.85 -0.11 0.00	13.23 -0.09 0.00	13.48 -0.07 0.00	11.79 -0.05 0.00	12.48 -0.04 0.00	14.03 -0.06 0.00	13.41 -0.03 0.00	18.09 -0.03 0.00	19.70 -0.03 0.00	23.47 -0.02 0.00	22.42 0.00 0.00	26.41 0.00 0.00	26.96 0.05 0.00	26.62 0.06 0.00	26.67 0.06 0.00	25.99 0.11 0.00	29.75 0.21 0.00	31.78 0.30 0.00	29.98 0.27 0.00	30.56 0.17 0.00	29.04 0.08 0.00	22.47 -0.05 0.00	23.59 -0.11 0.00
WATSON____69_KV_BK 1 55734	21.24 1.59 0.00	17.17 1.22 0.00	14.34 1.02 0.00	14.58 1.03 0.00	12.72 0.88 0.00	13.44 0.92 0.00	15.20 1.11 0.00	14.54 1.09 0.00	19.72 1.60 0.00	21.48 1.74 0.00	25.76 2.28 0.00	26.07 2.31 -1.34	29.07 2.66 0.00	29.69 2.78 0.00	29.32 2.76 0.00	29.25 2.64 0.00	28.60 2.71 0.00	32.84 3.30 0.00	34.86 3.38 0.00	33.06 3.29 -0.06	33.29 2.90 0.00	31.66 2.70 0.00	24.63 2.11 0.00	25.56 1.85 0.00
WDELAWARE__HYD 323627	20.28 0.63 0.00	16.42 0.47 0.00	13.67 0.36 0.00	13.92 0.37 0.00	12.13 0.30 0.00	12.85 0.32 0.00	14.49 0.40 0.00	13.87 0.41 0.00	18.74 0.62 0.00	20.35 0.62 0.00	23.74 0.25 0.00	22.71 0.29 0.00	26.74 0.33 0.00	27.28 0.37 0.00	26.90 0.34 0.00	26.92 0.31 0.00	26.26 0.38 0.00	30.14 0.60 0.00	32.09 0.61 0.00	30.36 0.59 -0.05	30.75 0.36 0.00	29.30 0.34 0.00	23.28 0.76 0.00	24.39 0.68 0.00



WEST BABYLON___IC 23714	21.16 1.51 0.00	17.10 1.15 0.00	14.28 0.97 0.00	14.52 0.97 0.00	12.66 0.82 0.00	13.38 0.86 0.00	15.13 1.04 0.00	14.47 1.02 0.00	19.64 1.52 0.00	21.38 1.64 0.00	25.62 2.14 0.00	25.92 2.17 -1.34	28.90 2.49 0.00	29.52 2.62 0.00	29.14 2.59 0.00	29.08 2.46 0.00	28.41 2.53 0.00	32.63 3.09 0.00	34.64 3.16 0.00	32.86 3.08 -0.06	33.10 2.71 0.00	31.48 2.53 0.00	24.50 1.98 0.00	25.44 1.74 0.00
WEST CANADA___HYD 24049	19.62 -0.03 0.00	15.92 -0.03 0.00	13.29 -0.02 0.00	13.52 -0.02 0.00	11.82 -0.01 0.00	12.50 -0.02 0.00	14.06 -0.02 0.00	13.43 -0.01 0.00	18.10 -0.02 0.00	19.71 -0.03 0.00	23.45 -0.03 0.00	22.40 -0.02 0.00	26.39 -0.02 0.00	26.91 0.00 0.00	26.55 0.00 0.00	26.61 0.00 0.00	25.88 0.00 0.00	29.59 0.06 0.00	31.54 0.06 0.00	29.77 0.05 0.00	30.42 0.03 0.00	28.95 0.00 0.00	22.50 -0.02 0.00	23.70 -0.01 0.00
WESTERN_NY_WIND 24143	19.82 0.16 0.00	16.11 0.16 0.00	13.50 0.18 0.00	13.70 0.15 0.00	12.01 0.17 0.00	12.74 0.21 0.00	14.20 0.11 0.00	13.50 0.05 0.00	18.06 -0.06 0.00	19.36 -0.38 0.00	22.97 -0.51 0.00	21.91 -0.51 0.00	26.01 -0.41 0.00	26.50 -0.41 0.00	26.22 -0.34 0.00	26.25 -0.37 0.00	25.39 -0.49 0.00	29.13 -0.40 0.00	31.08 -0.40 0.00	29.38 -0.34 -0.01	30.20 -0.19 0.00	28.67 -0.28 0.00	22.51 -0.01 0.00	24.12 0.41 0.00
WESTOVER___LESR 323668	19.82 0.17 0.00	16.06 0.10 0.00	13.38 0.07 0.00	13.65 0.10 0.00	11.93 0.10 0.00	12.60 0.08 0.00	14.18 0.09 0.00	13.57 0.12 0.00	18.26 0.14 0.00	19.82 0.08 0.00	23.57 0.08 0.00	22.50 0.08 0.00	26.59 0.18 0.00	27.05 0.14 0.00	26.72 0.17 0.00	26.77 0.15 0.00	26.10 0.22 0.00	29.85 0.31 0.00	31.87 0.39 0.00	30.07 0.33 -0.02	30.74 0.35 0.00	29.19 0.24 0.00	22.73 0.21 0.00	23.99 0.28 0.00
WETHRSFD_WT_PWR 323626	19.46 -0.19 0.00	15.83 -0.12 0.00	13.21 -0.11 0.00	13.44 -0.11 0.00	11.79 -0.05 0.00	12.36 -0.16 0.00	13.82 -0.27 0.00	13.23 -0.22 0.00	17.69 -0.43 0.00	19.04 -0.70 0.00	22.69 -0.79 0.00	21.63 -0.78 0.00	25.67 -0.75 0.00	26.16 -0.75 0.00	25.92 -0.63 0.00	25.99 -0.63 0.00	25.18 -0.70 0.00	28.74 -0.80 0.00	30.69 -0.79 0.00	28.97 -0.76 -0.01	29.88 -0.51 0.00	28.42 -0.53 0.00	22.28 -0.24 0.00	23.76 0.06 0.00
WHAVSTOR_138KV_BK127 55557	20.56 0.91 0.00	16.65 0.70 0.00	13.87 0.55 0.00	14.11 0.57 0.00	12.32 0.48 0.00	13.02 0.50 0.00	14.67 0.59 0.00	14.03 0.58 0.00	18.95 0.83 0.00	20.65 0.91 0.00	24.65 1.16 0.00	23.58 1.16 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.30 1.76 0.00	33.31 1.84 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.35 1.40 0.00	23.54 1.02 0.00	24.69 0.99 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	20.56 0.91 0.00	16.65 0.70 0.00	13.87 0.55 0.00	14.11 0.57 0.00	12.32 0.48 0.00	13.02 0.50 0.00	14.67 0.59 0.00	14.03 0.58 0.00	18.95 0.83 0.00	20.65 0.91 0.00	24.65 1.16 0.00	23.58 1.16 0.00	27.80 1.39 0.00	28.35 1.44 0.00	27.94 1.39 0.00	27.96 1.35 0.00	27.25 1.37 0.00	31.30 1.76 0.00	33.31 1.84 0.00	31.52 1.75 -0.06	31.92 1.53 0.00	30.35 1.40 0.00	23.54 1.02 0.00	24.69 0.99 0.00
WHITEHAL_115KV_TB1 80871	21.16 1.51 0.00	17.21 1.26 0.00	14.43 1.12 0.00	14.75 1.20 0.00	12.81 0.97 0.00	13.58 1.06 0.00	15.41 1.32 0.00	14.70 1.25 0.00	19.78 1.66 0.00	21.64 1.91 0.00	25.93 2.45 0.00	24.66 2.25 0.00	29.12 2.71 0.00	29.76 2.85 0.00	29.24 2.69 0.00	29.32 2.71 0.00	28.57 2.68 0.00	32.91 3.37 0.00	35.43 3.95 0.00	33.39 3.59 -0.08	33.68 3.29 0.00	31.76 2.81 0.00	24.19 1.67 0.00	25.23 1.52 0.00
WHITEPLN_13_KV_LOAD 356215	20.79 1.14 0.00	16.83 0.88 0.00	14.02 0.71 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.17 0.65 0.00	14.84 0.75 0.00	14.19 0.74 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.96 1.48 0.00	23.89 1.47 0.00	28.16 1.75 0.00	28.71 1.80 0.00	28.30 1.74 0.00	28.31 1.69 0.00	27.61 1.73 0.00	31.69 2.16 0.00	33.75 2.27 0.00	31.92 2.15 -0.06	32.32 1.93 0.00	30.73 1.78 0.00	23.81 1.30 0.00	24.97 1.26 0.00
WM_FLOYD_69_KV_BK2 356380	21.18 1.53 0.00	17.13 1.18 0.00	14.31 1.00 0.00	14.56 1.01 0.00	12.70 0.86 0.00	13.42 0.90 0.00	15.17 1.08 0.00	14.53 1.08 0.00	19.68 1.56 0.00	21.45 1.71 0.00	25.71 2.23 0.00	26.03 2.27 -1.34	29.02 2.61 0.00	29.64 2.73 0.00	29.26 2.71 0.00	29.19 2.58 0.00	28.54 2.66 0.00	32.80 3.26 0.00	34.81 3.33 0.00	33.01 3.23 -0.06	33.21 2.82 0.00	31.57 2.62 0.00	24.58 2.06 0.00	25.50 1.80 0.00
WOODARD___115KV_TB2 355635	19.53 -0.12 0.00	15.84 -0.11 0.00	13.23 -0.09 0.00	13.46 -0.09 0.00	11.77 -0.07 0.00	12.44 -0.08 0.00	14.00 -0.09 0.00	13.37 -0.08 0.00	18.01 -0.11 0.00	19.55 -0.18 0.00	23.23 -0.25 0.00	22.19 -0.23 0.00	26.19 -0.22 0.00	26.68 -0.23 0.00	26.35 -0.21 0.00	26.41 -0.21 0.00	25.69 -0.19 0.00	29.41 -0.13 0.00	31.36 -0.12 0.00	29.62 -0.10 -0.01	30.27 -0.13 0.00	28.76 -0.19 0.00	22.37 -0.15 0.00	23.64 -0.07 0.00
YORK___WARBASSE 23770	20.81 1.16 0.00	16.83 0.88 0.00	14.03 0.72 0.00	14.27 0.72 0.00	12.45 0.61 0.00	13.16 0.64 0.00	14.85 0.76 0.00	14.19 0.73 0.00	19.17 1.05 0.00	20.90 1.16 0.00	24.93 1.45 0.00	23.89 1.47 0.00	28.07 1.66 0.00	28.62 1.72 0.00	28.21 1.66 0.00	28.20 1.59 0.00	27.52 1.64 0.00	31.57 2.03 0.00	33.60 2.12 0.00	31.80 2.03 -0.06	32.18 1.79 0.00	30.64 1.69 0.00	23.82 1.30 0.00	24.98 1.28 0.00