

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

10/15/2023

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	17.02	18.36	17.15	16.27	17.89	17.02	14.06	16.62	17.65	17.53	17.83	16.83	15.98	16.15	17.32	18.92	19.90	20.02	23.01	26.74	29.47	23.79	21.36	17.23
24138	0.95	1.00	0.91	0.84	0.91	0.86	0.85	0.99	1.03	1.05	1.11	1.06	1.00	1.03	1.15	1.17	1.22	1.19	1.34	1.61	1.72	1.45	1.35	1.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.06	0.00	0.00
74TH STREET_GT_1	17.03	18.37	17.16	16.29	17.90	17.04	14.07	16.64	17.67	17.54	17.83	16.82	15.96	16.14	17.31	18.92	19.89	20.01	23.01	26.74	29.49	23.81	21.36	17.23
24260	0.97	1.01	0.93	0.85	0.92	0.87	0.86	1.00	1.05	1.06	1.11	1.05	0.98	1.02	1.13	1.17	1.21	1.19	1.34	1.62	1.73	1.46	1.35	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.06	0.00	0.00
74TH STREET_GT_2	17.03	18.37	17.16	16.29	17.90	17.04	14.07	16.64	17.67	17.54	17.83	16.82	15.96	16.14	17.31	18.92	19.89	20.01	23.01	26.74	29.49	23.81	21.36	17.23
24261	0.97	1.01	0.93	0.85	0.92	0.87	0.86	1.00	1.05	1.06	1.11	1.05	0.98	1.02	1.13	1.17	1.21	1.19	1.34	1.62	1.73	1.46	1.35	1.03
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.11	-0.06	0.00	0.00
ADK HUDSON___FALLS	16.72	18.08	16.94	16.12	17.75	16.94	13.87	16.48	17.54	17.24	17.49	16.55	15.72	15.93	17.10	18.79	19.81	20.09	23.12	26.76	29.23	23.51	21.04	16.95
24011	0.66	0.71	0.70	0.68	0.77	0.78	0.66	0.85	0.91	0.76	0.77	0.78	0.75	0.81	0.92	1.04	1.13	1.26	1.45	1.64	1.69	1.30	1.03	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
ADK RESOURCE___RCVRY	16.78	18.14	17.01	16.20	17.85	17.05	13.97	16.60	17.66	17.34	17.57	16.64	15.81	16.04	17.22	18.93	19.98	20.27	23.33	26.98	29.46	23.68	21.15	17.04
23798	0.73	0.78	0.78	0.77	0.87	0.89	0.75	0.97	1.04	0.86	0.85	0.87	0.83	0.92	1.05	1.18	1.30	1.45	1.66	1.86	1.91	1.46	1.14	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
ADK S GLENS___FALLS	16.72	18.08	16.94	16.12	17.75	16.94	13.87	16.48	17.54	17.24	17.49	16.55	15.72	15.93	17.10	18.79	19.81	20.09	23.12	26.76	29.23	23.51	21.04	16.95
24028	0.66	0.71	0.70	0.68	0.77	0.78	0.66	0.85	0.91	0.76	0.77	0.78	0.75	0.81	0.92	1.04	1.13	1.26	1.45	1.64	1.69	1.30	1.03	0.75
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
ADK_NYS___DAM	16.72	18.08	16.94	16.13	17.76	16.93	13.75	16.31	17.29	17.11	17.41	16.45	15.54	15.70	16.84	18.49	19.49	19.64	22.58	26.15	28.35	23.04	20.79	16.78
23527	0.66	0.72	0.71	0.69	0.78	0.77	0.53	0.68	0.67	0.63	0.70	0.68	0.56	0.58	0.67	0.74	0.81	0.82	0.91	1.03	1.02	0.95	0.78	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	0.19	0.00	0.00
AIR_PRODUCTS___DRP	16.16	17.50	16.40	15.58	17.15	16.32	13.36	15.83	16.80	16.63	16.87	15.94	15.13	15.31	16.42	18.00	18.95	19.15	22.02	25.51	27.94	22.53	20.28	16.37
24190	0.10	0.14	0.16	0.15	0.17	0.16	0.15	0.20	0.18	0.15	0.15	0.17	0.15	0.19	0.25	0.25	0.27	0.33	0.35	0.38	0.40	0.31	0.27	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
AKWESSNE_115KV_BK	16.00	17.30	16.17	15.41	16.94	16.12	13.13	15.54	16.51	16.39	16.62	15.68	14.92	15.06	16.08	17.71	18.56	18.66	21.51	24.93	27.42	22.10	19.85	16.07
355683	-0.05	-0.06	-0.06	-0.03	-0.04	-0.04	-0.08	-0.09	-0.11	-0.09	-0.09	-0.09	-0.06	-0.07	-0.09	-0.04	-0.12	-0.16	-0.16	-0.20	-0.23	-0.18	-0.15	-0.14
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	16.16	17.50	16.40	15.58	17.15	16.32	13.36	15.83	16.80	16.63	16.87	15.94	15.13	15.31	16.42	18.00	18.95	19.15	22.02	25.51	27.94	22.53	20.28	16.37
23571	0.10	0.14	0.16	0.15	0.17	0.16	0.15	0.20	0.18	0.15	0.15	0.17	0.15	0.19	0.25	0.25	0.27	0.33	0.35	0.38	0.40	0.31	0.27	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
ALBANY___2	16.16	17.50	16.40	15.58	17.15	16.32	13.36	15.83	16.80	16.63	16.87	15.94	15.13	15.31	16.42	18.00	18.95	19.15	22.02	25.51	27.94	22.53	20.28	16.37
23572	0.10	0.14	0.16	0.15	0.17	0.16	0.15	0.20	0.18	0.15	0.15	0.17	0.15	0.19	0.25	0.25	0.27	0.33	0.35	0.38	0.40	0.31	0.27	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00
ALBANY___3	16.16	17.50	16.40	15.58	17.15	16.32	13.36	15.83	16.80	16.63	16.87	15.94	15.13	15.31	16.42	18.00	18.95	19.15	22.02	25.51	27.94	22.53	20.28	16.37
23573	0.10	0.14	0.16	0.15	0.17	0.16	0.15	0.20	0.18	0.15	0.15	0.17	0.15	0.19	0.25	0.25	0.27	0.33	0.35	0.38	0.40	0.31	0.27	0.16
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10	0.06	0.00	0.00



ALBANY___4 23574	16.16 0.10 0.00	17.50 0.14 0.00	16.40 0.16 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.32 0.16 0.00	13.36 0.15 0.00	15.83 0.20 0.00	16.80 0.18 0.00	16.63 0.15 0.00	16.87 0.15 0.00	15.94 0.17 0.00	15.13 0.15 0.00	15.31 0.19 0.00	16.42 0.25 0.00	18.00 0.25 0.00	18.95 0.27 0.00	19.15 0.33 0.00	22.02 0.35 0.00	25.51 0.38 0.00	27.94 0.40 0.10	22.53 0.31 0.06	20.28 0.27 0.00	16.37 0.16 0.00
ALBANY___LFGE 323615	16.31 0.25 0.00	17.67 0.31 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.30 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.99 0.36 0.00	16.97 0.35 0.00	16.79 0.31 0.00	17.03 0.32 0.00	16.10 0.33 0.00	15.28 0.31 0.00	15.47 0.35 0.00	16.59 0.41 0.00	18.19 0.44 0.00	19.16 0.48 0.00	19.36 0.54 0.00	22.27 0.60 0.00	25.78 0.66 0.00	28.24 0.70 0.11	22.77 0.55 0.07	20.48 0.47 0.00	16.54 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	16.10 0.03 0.00	17.40 0.04 0.00	16.26 0.03 0.00	15.50 0.06 0.00	17.04 0.06 0.00	16.22 0.05 0.00	13.21 0.00 0.00	15.63 0.00 0.00	16.59 -0.03 0.00	16.47 -0.02 0.00	16.69 -0.02 0.00	15.74 -0.03 0.00	14.97 -0.01 0.00	15.11 -0.01 0.00	16.14 -0.03 0.00	17.78 0.03 0.00	18.62 -0.06 0.00	18.73 -0.09 0.00	21.60 -0.07 0.00	25.03 -0.10 0.00	27.55 -0.10 0.00	22.22 -0.06 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
ALCOA_RYNLDS___DRP 24188	16.10 0.03 0.00	17.40 0.04 0.00	16.26 0.03 0.00	15.50 0.06 0.00	17.04 0.06 0.00	16.22 0.05 0.00	13.21 0.00 0.00	15.63 0.00 0.00	16.59 -0.03 0.00	16.47 -0.02 0.00	16.69 -0.02 0.00	15.74 -0.03 0.00	14.97 -0.01 0.00	15.11 -0.01 0.00	16.14 -0.03 0.00	17.78 0.03 0.00	18.62 -0.06 0.00	18.73 -0.09 0.00	21.60 -0.07 0.00	25.03 -0.10 0.00	27.55 -0.10 0.00	22.22 -0.06 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
ALCOA___DSASP 323711	16.10 0.03 0.00	17.40 0.04 0.00	16.26 0.03 0.00	15.50 0.06 0.00	17.04 0.06 0.00	16.22 0.05 0.00	13.21 0.00 0.00	15.63 0.00 0.00	16.59 -0.03 0.00	16.47 -0.02 0.00	16.69 -0.02 0.00	15.74 -0.03 0.00	14.97 -0.01 0.00	15.11 -0.01 0.00	16.14 -0.03 0.00	17.78 0.03 0.00	18.63 -0.05 0.00	18.74 -0.09 0.00	21.60 -0.07 0.00	25.03 -0.09 0.00	27.55 -0.10 0.00	22.22 -0.06 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
ALLEGHENY___COGEN 23514	16.53 0.47 0.00	17.78 0.42 0.00	16.51 0.27 0.00	15.67 0.23 0.00	17.28 0.30 0.00	16.48 0.31 0.00	13.50 0.29 0.00	15.98 0.35 0.00	17.09 0.47 0.00	16.93 0.45 0.00	17.07 0.35 0.00	15.82 0.05 0.00	15.06 0.08 0.00	15.25 0.13 0.00	16.25 0.08 0.00	17.83 0.08 0.00	19.09 0.41 0.00	19.23 0.41 0.00	22.38 0.70 0.00	26.07 0.95 0.00	28.84 1.19 0.00	23.36 1.08 0.00	20.95 0.94 0.00	17.01 0.80 0.00
ALTAMONT_115KV_TB 2 55880	16.42 0.36 0.00	17.78 0.41 0.00	16.64 0.41 0.00	15.82 0.38 0.00	17.40 0.42 0.00	16.55 0.39 0.00	13.57 0.35 0.00	16.07 0.43 0.00	17.06 0.44 0.00	16.88 0.40 0.00	17.12 0.40 0.00	16.16 0.39 0.00	15.35 0.37 0.00	15.52 0.40 0.00	16.64 0.46 0.00	18.24 0.49 0.00	19.20 0.52 0.00	19.39 0.57 0.00	22.31 0.64 0.00	25.85 0.73 0.00	28.36 0.79 0.07	22.88 0.64 0.04	20.58 0.57 0.00	16.63 0.42 0.00
ALTONA_WT_PWR 323606	16.55 0.49 0.00	17.82 0.46 0.00	16.66 0.42 0.00	15.84 0.40 0.00	17.44 0.46 0.00	16.62 0.46 0.00	13.50 0.29 0.00	15.94 0.31 0.00	16.93 0.31 0.00	16.80 0.31 0.00	16.99 0.28 0.00	16.10 0.33 0.00	15.39 0.42 0.00	15.59 0.47 0.00	16.65 0.48 0.00	18.28 0.53 0.00	19.14 0.46 0.00	19.32 0.50 0.00	22.27 0.60 0.00	25.74 0.61 0.00	28.27 0.62 0.00	22.78 0.50 0.00	20.43 0.42 0.00	16.63 0.42 0.00
AMERICAN_REF_FUEL 24010	15.31 -0.75 0.00	16.51 -0.85 0.00	15.39 -0.84 0.00	14.66 -0.78 0.00	16.16 -0.82 0.00	15.44 -0.72 0.00	12.64 -0.57 0.00	14.92 -0.71 0.00	16.01 -0.61 0.00	15.94 -0.54 0.00	16.06 -0.65 0.00	15.15 -0.61 0.00	14.48 -0.50 0.00	14.48 -0.64 0.00	15.28 -0.90 0.00	16.63 -1.12 0.00	17.76 -0.92 0.00	17.58 -1.24 0.00	20.29 -1.38 0.00	23.67 -1.45 0.00	26.36 -1.29 0.00	21.60 -0.69 0.00	19.43 -0.58 0.00	15.89 -0.32 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	15.75 -0.31 0.00	17.01 -0.35 0.00	15.85 -0.39 0.00	15.04 -0.39 0.00	16.59 -0.39 0.00	15.96 -0.20 0.00	13.10 -0.11 0.00	15.45 -0.19 0.00	16.57 -0.05 0.00	16.43 -0.05 0.00	16.64 -0.08 0.00	15.71 -0.06 0.00	15.13 0.15 0.00	15.17 0.05 0.00	16.08 -0.10 0.00	17.46 -0.28 0.00	18.67 -0.01 0.00	18.52 -0.30 0.00	21.44 -0.23 0.00	24.98 -0.15 0.00	27.78 0.13 0.00	22.69 0.41 0.00	20.41 0.40 0.00	16.65 0.44 0.00
ARTHUR_KILL_GT_1 23520	17.06 1.00 0.00	18.42 1.06 0.00	17.22 0.99 0.00	16.33 0.90 0.00	17.95 0.97 0.00	17.08 0.91 0.00	14.09 0.88 0.00	16.67 1.04 0.00	17.67 1.05 0.00	17.54 1.06 0.00	17.80 1.09 0.00	16.77 1.01 0.00	15.89 0.91 0.00	16.08 0.96 0.00	17.26 1.08 0.00	18.88 1.13 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.99 1.31 0.00	26.68 1.55 0.00	29.39 1.63 -0.11	23.84 1.49 -0.07	21.37 1.36 0.00	17.26 1.05 0.00
ARTHUR_KILL_2 23512	17.01 0.95 0.00	18.37 1.01 0.00	17.17 0.94 0.00	16.29 0.86 0.00	17.90 0.92 0.00	17.03 0.87 0.00	14.06 0.85 0.00	16.63 0.99 0.00	17.63 1.00 0.00	17.50 1.02 0.00	17.76 1.04 0.00	16.73 0.96 0.00	15.85 0.88 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.83 1.08 0.00	19.80 1.12 0.00	19.92 1.10 0.00	22.92 1.25 0.00	26.59 1.47 0.00	29.29 1.53 -0.11	23.77 1.42 -0.07	21.31 1.30 0.00	17.21 1.01 0.00
ARTHUR_KILL_3 23513	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.79 0.81 0.00	16.91 0.75 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.52 0.89 0.00	17.41 0.93 0.00	17.68 0.97 0.00	16.70 0.93 0.00	15.84 0.86 0.00	16.01 0.90 0.00	17.19 1.02 0.00	18.77 1.02 0.00	19.73 1.05 0.00	19.84 1.02 0.00	22.82 1.15 0.00	26.52 1.40 0.00	29.24 1.49 -0.11	23.61 1.27 -0.06	21.21 1.20 0.00	17.13 0.92 0.00
ARTHUR_KILL_COGEN 323718	17.06 1.00 0.00	18.42 1.06 0.00	17.22 0.99 0.00	16.33 0.90 0.00	17.95 0.97 0.00	17.08 0.91 0.00	14.09 0.88 0.00	16.67 1.04 0.00	17.67 1.05 0.00	17.54 1.06 0.00	17.80 1.09 0.00	16.77 1.01 0.00	15.89 0.91 0.00	16.08 0.96 0.00	17.26 1.08 0.00	18.88 1.13 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.99 1.31 0.00	26.68 1.55 0.00	29.39 1.63 -0.11	23.84 1.49 -0.07	21.37 1.36 0.00	17.26 1.05 0.00
ASHOKAN____ 23654	16.71 0.65 0.00	18.08 0.72 0.00	16.91 0.68 0.00	16.06 0.63 0.00	17.67 0.69 0.00	16.81 0.65 0.00	13.81 0.60 0.00	16.39 0.76 0.00	17.42 0.80 0.00	17.26 0.78 0.00	17.38 0.67 0.00	16.39 0.62 0.00	15.60 0.62 0.00	15.77 0.65 0.00	16.91 0.73 0.00	18.53 0.78 0.00	19.58 0.90 0.00	19.86 1.03 0.00	22.92 1.25 0.00	26.58 1.46 0.00	29.32 1.67 0.00	23.53 1.25 0.00	21.06 1.05 0.00	16.96 0.75 0.00



ASTORIA_EAST_ENERGY_CC1 323581	16.83 0.77 0.00	18.13 0.77 0.01	16.95 0.72 0.01	16.10 0.67 0.00	17.66 0.69 0.00	16.82 0.66 0.00	13.90 0.69 0.00	16.44 0.80 0.00	17.42 0.80 0.00	17.32 0.84 0.00	17.58 0.88 0.01	16.72 0.95 0.00	15.93 0.95 0.00	16.03 0.91 0.00	17.20 1.02 0.00	18.69 0.94 0.00	19.61 0.93 0.00	19.75 0.94 0.01	22.72 1.06 0.01	26.38 1.26 0.00	29.07 1.32 -0.10	23.51 1.16 -0.06	21.08 1.07 0.00	17.05 0.84 0.00
ASTORIA_EAST_ENERGY_CC2 323582	16.83 0.77 0.00	18.13 0.77 0.01	16.95 0.72 0.01	16.10 0.67 0.00	17.66 0.69 0.00	16.82 0.66 0.00	13.90 0.69 0.00	16.44 0.80 0.00	17.42 0.80 0.00	17.32 0.84 0.00	17.58 0.88 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.03 0.91 0.00	17.20 1.02 0.00	18.69 0.94 0.00	19.61 0.93 0.00	19.75 0.94 0.01	22.72 1.06 0.01	26.38 1.26 0.00	29.07 1.32 -0.10	23.51 1.16 -0.06	21.08 1.07 0.00	17.05 0.84 0.00
ASTORIA_GT2_1 24094	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT2_2 24095	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT2_3 24096	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT2_4 24097	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT3_1 24098	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT3_2 24099	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT3_3 24100	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT3_4 24101	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT4_1 24102	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT4_2 24103	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT4_3 24104	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT4_4 24105	16.83 0.78 0.00	18.14 0.78 0.01	16.95 0.73 0.01	16.11 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.43 0.80 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.60 0.89 0.01	16.72 0.95 0.00	15.92 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.75 0.93 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.04 0.83 0.00
ASTORIA_GT_1 23523	16.86 0.81 0.00	18.16 0.81 0.01	16.98 0.76 0.00	16.13 0.70 0.00	17.70 0.72 0.00	16.86 0.69 0.00	13.93 0.72 0.00	16.47 0.83 0.00	17.45 0.83 0.00	17.36 0.88 0.00	17.63 0.92 0.01	16.76 0.99 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.06 0.00	18.74 0.99 0.00	19.66 0.98 0.00	19.80 0.98 0.01	22.78 1.12 0.01	26.45 1.33 0.00	29.15 1.40 -0.10	23.57 1.23 -0.06	21.13 1.12 0.00	17.08 0.87 0.00



ASTORIA_GT_10 24110	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.06 0.93 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ASTORIA_GT_11 24225	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.06 0.93 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ASTORIA_GT_12 24226	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.06 0.93 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ASTORIA_GT_13 24227	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.06 0.93 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ASTORIA_GT_5 24106	16.86 0.81 0.00	18.16 0.81 0.01	16.98 0.76 0.01	16.13 0.70 0.00	17.70 0.72 0.00	16.86 0.69 0.00	13.93 0.72 0.00	16.47 0.83 0.00	17.45 0.83 0.00	17.36 0.88 0.00	17.63 0.92 0.01	16.76 0.99 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.06 0.00	18.74 0.99 0.00	19.66 0.98 0.00	19.80 0.98 0.01	22.78 1.12 0.01	26.45 1.33 0.00	29.15 1.40 -0.10	23.57 1.23 -0.06	21.13 1.12 0.00	17.08 0.87 0.00
ASTORIA_GT_7 24107	16.86 0.81 0.00	18.16 0.81 0.01	16.98 0.76 0.01	16.13 0.70 0.00	17.70 0.72 0.00	16.86 0.69 0.00	13.93 0.72 0.00	16.47 0.83 0.00	17.45 0.83 0.00	17.36 0.88 0.00	17.63 0.92 0.01	16.76 0.99 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.06 0.00	18.74 0.99 0.00	19.66 0.98 0.00	19.80 0.98 0.01	22.78 1.12 0.01	26.45 1.33 0.00	29.15 1.40 -0.10	23.57 1.23 -0.06	21.13 1.12 0.00	17.08 0.87 0.00
ASTORIA_GT_8 24108	16.86 0.81 0.00	18.16 0.81 0.01	16.98 0.75 0.01	16.13 0.69 0.00	17.70 0.72 0.00	16.86 0.69 0.00	13.93 0.72 0.00	16.46 0.83 0.00	17.45 0.83 0.00	17.36 0.88 0.00	17.63 0.92 0.01	16.75 0.98 0.00	15.95 0.98 0.00	16.07 0.95 0.00	17.24 1.06 0.00	18.74 0.99 0.00	19.65 0.97 0.00	19.78 0.97 0.01	22.78 1.12 0.01	26.45 1.33 0.00	29.15 1.40 -0.10	23.57 1.23 -0.06	21.13 1.12 0.00	17.07 0.86 0.00
ASTORIA___2 24149	16.83 0.78 0.00	18.13 0.78 0.01	16.96 0.73 0.01	16.10 0.67 0.00	17.67 0.69 0.00	16.83 0.66 0.00	13.90 0.69 0.00	16.44 0.81 0.00	17.42 0.80 0.00	17.33 0.85 0.00	17.59 0.88 0.01	16.72 0.96 0.00	15.93 0.95 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.70 0.95 0.00	19.62 0.94 0.00	19.76 0.94 0.01	22.74 1.08 0.01	26.40 1.28 0.00	29.10 1.34 -0.10	23.53 1.18 -0.06	21.09 1.08 0.00	17.05 0.84 0.00
ASTORIA___3 23516	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.97 0.00	15.89 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.80 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
ASTORIA___4 23517	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.06 0.93 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ASTORIA___5 23518	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.97 0.00	15.89 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.80 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
AST_ENERGY_2_CC3 323677	16.88 0.82 0.00	18.21 0.85 0.00	17.02 0.78 0.00	16.16 0.72 0.00	17.76 0.78 0.00	16.89 0.73 0.00	13.96 0.75 0.00	16.50 0.86 0.00	17.51 0.89 0.00	17.39 0.91 0.00	17.67 0.95 0.00	16.68 0.91 0.00	15.84 0.86 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.76 1.01 0.00	19.73 1.05 0.00	19.84 1.02 0.00	22.80 1.13 0.00	26.49 1.36 0.00	29.21 1.45 -0.11	23.59 1.24 -0.06	21.19 1.18 0.00	17.10 0.89 0.00
AST_ENERGY_2_CC4 323678	16.88 0.82 0.00	18.21 0.85 0.00	17.02 0.78 0.00	16.16 0.72 0.00	17.76 0.78 0.00	16.89 0.73 0.00	13.96 0.75 0.00	16.50 0.86 0.00	17.51 0.89 0.00	17.39 0.91 0.00	17.67 0.95 0.00	16.68 0.91 0.00	15.84 0.86 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.76 1.01 0.00	19.73 1.05 0.00	19.84 1.02 0.00	22.80 1.13 0.00	26.49 1.36 0.00	29.21 1.45 -0.11	23.59 1.24 -0.06	21.19 1.18 0.00	17.10 0.89 0.00
ATHENS_STG_1 23668	16.56 0.50 0.00	17.92 0.57 0.00	16.78 0.55 0.00	15.94 0.51 0.00	17.54 0.56 0.00	16.68 0.51 0.00	13.68 0.47 0.00	16.19 0.56 0.00	17.19 0.57 0.00	17.04 0.55 0.00	17.29 0.58 0.00	16.32 0.55 0.00	15.48 0.50 0.00	15.65 0.53 0.00	16.78 0.60 0.00	18.38 0.63 0.00	19.33 0.65 0.00	19.50 0.67 0.00	22.42 0.75 0.00	25.99 0.87 0.00	28.64 0.96 -0.03	23.10 0.80 -0.02	20.75 0.74 0.00	16.76 0.55 0.00
ATHENS_STG_2 23670	16.56 0.50 0.00	17.92 0.57 0.00	16.78 0.55 0.00	15.94 0.51 0.00	17.54 0.56 0.00	16.68 0.51 0.00	13.68 0.47 0.00	16.19 0.56 0.00	17.19 0.57 0.00	17.04 0.55 0.00	17.29 0.58 0.00	16.32 0.55 0.00	15.48 0.50 0.00	15.65 0.53 0.00	16.78 0.60 0.00	18.38 0.63 0.00	19.33 0.65 0.00	19.50 0.67 0.00	22.42 0.75 0.00	25.99 0.87 0.00	28.64 0.96 -0.03	23.10 0.80 -0.02	20.75 0.74 0.00	16.76 0.55 0.00



ATHENS_STG_3 23677	16.56 0.50 0.00	17.92 0.57 0.00	16.78 0.55 0.00	15.94 0.51 0.00	17.54 0.56 0.00	16.68 0.51 0.00	13.68 0.47 0.00	16.19 0.56 0.00	17.19 0.57 0.00	17.04 0.55 0.00	17.29 0.58 0.00	16.32 0.55 0.00	15.48 0.50 0.00	15.65 0.53 0.00	16.78 0.60 0.00	18.38 0.63 0.00	19.33 0.65 0.00	19.50 0.67 0.00	22.42 0.75 0.00	25.99 0.87 0.00	28.64 0.96 -0.03	23.10 0.80 -0.02	20.75 0.74 0.00	16.76 0.55 0.00
AUBURN____LFGE 323710	16.34 0.28 0.00	17.58 0.22 0.00	16.38 0.15 0.00	15.56 0.13 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.41 0.20 0.00	15.87 0.24 0.00	16.95 0.32 0.00	16.83 0.35 0.00	16.97 0.26 0.00	16.01 0.24 0.00	15.23 0.25 0.00	15.32 0.21 0.00	16.34 0.16 0.00	17.99 0.24 0.00	19.01 0.33 0.00	19.17 0.35 0.00	22.01 0.34 0.00	25.63 0.51 0.00	28.28 0.63 0.00	22.73 0.45 0.00	20.41 0.40 0.00	16.54 0.34 0.00
BABYLON_RES_REC 323704	17.23 1.17 0.00	18.60 1.24 0.00	17.37 1.13 0.00	16.46 1.02 0.00	18.12 1.14 0.00	17.25 1.09 0.00	14.29 1.08 0.00	16.87 1.23 0.00	17.94 1.31 0.00	17.66 1.18 0.00	18.89 1.42 -0.76	18.36 1.33 -1.25	17.88 1.22 -1.68	17.41 1.20 -1.08	17.55 1.37 0.00	19.85 1.45 -0.66	20.04 1.36 0.00	20.19 1.25 -0.11	23.04 1.37 0.00	26.70 1.57 0.00	29.61 1.85 -0.11	27.44 1.79 -3.37	22.81 1.67 -1.13	17.50 1.29 0.00
BABYLON__69_KV_BK2 356345	17.44 1.38 0.00	18.82 1.46 0.00	17.57 1.34 0.00	16.65 1.21 0.00	18.33 1.35 0.00	17.45 1.29 0.00	14.47 1.26 0.00	17.07 1.44 0.00	18.17 1.54 0.00	17.87 1.39 0.00	19.09 1.63 -0.74	18.52 1.53 -1.23	18.02 1.41 -1.64	17.58 1.40 -1.06	17.75 1.58 0.00	20.07 1.67 -0.64	20.30 1.62 0.00	20.67 1.49 -0.36	23.28 1.61 0.00	26.98 1.85 0.00	29.94 2.19 -0.11	27.66 2.08 -3.30	23.06 1.95 -1.10	17.73 1.52 0.00
BALL_HILL_WT_PWR 323825	15.85 -0.21 0.00	17.08 -0.28 0.00	15.90 -0.33 0.00	15.12 -0.32 0.00	16.67 -0.31 0.00	15.95 -0.22 0.00	13.09 -0.13 0.00	15.44 -0.19 0.00	16.56 -0.06 0.00	16.48 0.00 0.00	16.66 -0.06 0.00	15.70 -0.07 0.00	14.99 0.01 0.00	15.02 -0.10 0.00	15.92 -0.25 0.00	17.35 -0.40 0.00	18.49 -0.19 0.00	18.36 -0.46 0.00	21.19 -0.48 0.00	24.73 -0.40 0.00	27.51 -0.14 0.00	22.46 0.17 0.00	20.19 0.18 0.00	16.47 0.26 0.00
BARON_WINDS____WT_PWR 323822	15.95 -0.10 0.00	17.16 -0.20 0.00	15.92 -0.32 0.00	15.10 -0.33 0.00	16.69 -0.29 0.00	15.92 -0.24 0.00	13.01 -0.20 0.00	15.34 -0.29 0.00	16.38 -0.24 0.00	16.31 -0.17 0.00	16.55 -0.16 0.00	15.53 -0.24 0.00	14.73 -0.24 0.00	14.78 -0.34 0.00	15.78 -0.39 0.00	17.32 -0.42 0.00	18.40 -0.28 0.00	18.44 -0.38 0.00	21.36 -0.31 0.00	24.86 -0.26 0.00	27.63 -0.01 0.00	22.46 0.18 0.00	20.24 0.23 0.00	16.48 0.27 0.00
BARRETT_IC_1 23704	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_10 23701	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_11 23702	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_12 23703	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_2 23705	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_3 23706	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_4 23707	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_5 23708	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_6 23709	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09



BARRETT_IC_7 23710	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.06 -13.03	30.40 1.19 -13.03	29.28 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.55 -0.15	60.93 1.51 -37.15	32.58 1.42 -11.15	17.37 1.08 -0.09
BARRETT_IC_8 23711	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT_IC_9 23700	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT___1 23545	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BARRETT___2 23546	17.06 0.97 -0.03	18.38 1.02 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.92 0.94 0.00	17.06 0.90 0.00	14.11 0.90 0.00	16.62 0.99 0.00	17.64 1.01 0.00	17.42 0.94 0.00	25.39 1.20 -7.47	30.40 1.17 -13.46	38.53 1.08 -22.47	29.21 1.07 -13.03	30.40 1.19 -13.03	29.27 1.23 -10.30	19.86 1.14 -0.04	19.85 1.03 0.00	22.79 1.12 0.00	26.43 1.30 0.00	29.34 1.54 -0.15	60.93 1.50 -37.15	32.58 1.42 -11.15	17.38 1.08 -0.09
BATAVIA___115KV_TB1 55881	16.00 -0.06 0.00	17.22 -0.14 0.00	16.05 -0.18 0.00	15.27 -0.17 0.00	16.82 -0.16 0.00	16.06 -0.10 0.00	13.17 -0.04 0.00	15.58 -0.05 0.00	16.70 0.08 0.00	16.61 0.13 0.00	16.73 0.02 0.00	15.78 0.01 0.00	15.07 0.09 0.00	15.10 -0.02 0.00	15.97 -0.20 0.00	17.47 -0.28 0.00	18.64 -0.04 0.00	18.58 -0.24 0.00	21.46 -0.21 0.00	25.01 -0.11 0.00	27.73 0.08 0.00	22.58 0.30 0.00	20.27 0.26 0.00	16.51 0.31 0.00
BAYONEEC___CTG1 323682	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG10 323750	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG2 323683	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG3 323684	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG4 323685	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG5 323686	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG6 323687	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG7 323688	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BAYONEEC___CTG8 323689	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00



BAYONEEC___CTG9 323749	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.58 1.46 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
BEACON___LESR 323632	16.39 0.33 0.00	17.76 0.39 0.00	16.61 0.37 0.00	15.77 0.34 0.00	17.38 0.40 0.00	16.59 0.42 0.00	13.59 0.37 0.00	16.10 0.47 0.00	17.13 0.50 0.00	16.93 0.45 0.00	17.15 0.43 0.00	16.22 0.46 0.00	15.40 0.42 0.00	15.59 0.47 0.00	16.72 0.55 0.00	18.32 0.57 0.00	19.30 0.62 0.00	19.51 0.69 0.00	22.45 0.78 0.00	25.99 0.86 0.00	28.48 0.94 0.11	22.88 0.67 0.07	20.62 0.61 0.00	16.65 0.44 0.00
BEAVER RIVER___HYD 24048	15.93 -0.13 0.00	17.16 -0.20 0.00	16.02 -0.21 0.00	15.33 -0.10 0.00	16.88 -0.10 0.00	16.06 -0.10 0.00	13.13 -0.08 0.00	15.64 0.01 0.00	16.66 0.03 0.00	16.44 -0.04 0.00	16.58 -0.13 0.00	15.60 -0.16 0.00	14.79 -0.19 0.00	14.91 -0.21 0.00	15.97 -0.21 0.00	17.61 -0.13 0.00	18.71 0.04 0.00	18.98 0.16 0.00	21.97 0.30 0.00	25.38 0.25 0.00	27.93 0.28 0.00	22.56 0.28 0.00	20.25 0.24 0.00	16.31 0.10 0.00
BEEBEE_GT_13 23619	16.02 -0.04 0.00	17.24 -0.12 0.00	16.06 -0.18 0.00	15.25 -0.19 0.00	16.78 -0.20 0.00	15.99 -0.18 0.00	13.10 -0.11 0.00	15.50 -0.13 0.00	16.57 -0.05 0.00	16.47 -0.01 0.00	16.65 -0.06 0.00	15.71 -0.06 0.00	14.96 -0.02 0.00	15.04 -0.08 0.00	16.00 -0.17 0.00	17.50 -0.25 0.00	18.57 -0.11 0.00	18.60 -0.22 0.00	21.46 -0.21 0.00	24.95 -0.17 0.00	27.57 -0.08 0.00	22.34 0.06 0.00	20.05 0.04 0.00	16.31 0.10 0.00
BENSHRST_27_KV_BENSHRST_1 355998	17.09 1.03 0.00	18.43 1.07 0.00	17.21 0.98 0.00	16.33 0.89 0.00	17.94 0.96 0.00	17.08 0.91 0.00	14.10 0.89 0.00	16.67 1.04 0.00	17.70 1.08 0.00	17.60 1.12 0.00	17.88 1.16 0.00	16.87 1.11 0.00	16.01 1.03 0.00	16.18 1.06 0.00	17.36 1.19 0.00	18.99 1.24 0.00	19.96 1.28 0.00	20.08 1.26 0.00	23.11 1.44 0.00	26.85 1.72 0.00	29.59 1.83 -0.11	23.94 1.59 -0.07	21.44 1.44 0.00	17.30 1.09 0.00
BETHLEHEM___GRP 23843	16.16 0.10 0.00	17.50 0.14 0.00	16.40 0.16 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.32 0.16 0.00	13.36 0.15 0.00	15.83 0.20 0.00	16.80 0.18 0.00	16.63 0.15 0.00	16.87 0.15 0.00	15.94 0.17 0.00	15.13 0.15 0.00	15.31 0.19 0.00	16.42 0.25 0.00	18.00 0.25 0.00	18.95 0.27 0.00	19.15 0.33 0.00	22.02 0.35 0.00	25.51 0.38 0.00	27.94 0.40 0.10	22.53 0.31 0.06	20.28 0.27 0.00	16.37 0.16 0.00
BETHLEHEM___GS1 323560	16.16 0.10 0.00	17.50 0.14 0.00	16.40 0.16 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.32 0.16 0.00	13.36 0.15 0.00	15.83 0.20 0.00	16.81 0.18 0.00	16.63 0.15 0.00	16.87 0.15 0.00	15.94 0.17 0.00	15.13 0.15 0.00	15.31 0.19 0.00	16.42 0.25 0.00	18.00 0.25 0.00	18.95 0.27 0.00	19.15 0.33 0.00	22.02 0.35 0.00	25.51 0.38 0.00	27.94 0.40 0.10	22.53 0.31 0.06	20.28 0.27 0.00	16.38 0.17 0.00
BETHLEHEM___GS2 323561	16.16 0.10 0.00	17.50 0.14 0.00	16.40 0.16 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.32 0.16 0.00	13.36 0.15 0.00	15.83 0.20 0.00	16.81 0.18 0.00	16.63 0.15 0.00	16.87 0.15 0.00	15.94 0.17 0.00	15.13 0.15 0.00	15.31 0.19 0.00	16.42 0.25 0.00	18.00 0.25 0.00	18.95 0.27 0.00	19.15 0.33 0.00	22.02 0.35 0.00	25.51 0.38 0.00	27.94 0.40 0.10	22.53 0.31 0.06	20.28 0.27 0.00	16.38 0.17 0.00
BETHLEHEM___GS3 323562	16.16 0.10 0.00	17.50 0.14 0.00	16.40 0.16 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.32 0.16 0.00	13.36 0.15 0.00	15.83 0.20 0.00	16.81 0.18 0.00	16.63 0.15 0.00	16.87 0.15 0.00	15.94 0.17 0.00	15.13 0.15 0.00	15.31 0.19 0.00	16.42 0.25 0.00	18.00 0.25 0.00	18.95 0.27 0.00	19.15 0.33 0.00	22.02 0.35 0.00	25.51 0.38 0.00	27.94 0.40 0.10	22.53 0.31 0.06	20.28 0.27 0.00	16.38 0.17 0.00
BETHLEHEM___STEEL 23779	15.80 -0.26 0.00	17.02 -0.34 0.00	15.87 -0.37 0.00	15.09 -0.35 0.00	16.64 -0.34 0.00	15.91 -0.26 0.00	13.04 -0.17 0.00	15.40 -0.23 0.00	16.51 -0.12 0.00	16.43 -0.04 0.00	16.58 -0.13 0.00	15.65 -0.12 0.00	14.93 -0.05 0.00	14.95 -0.17 0.00	15.82 -0.35 0.00	17.23 -0.52 0.00	18.39 -0.29 0.00	18.26 -0.56 0.00	21.08 -0.59 0.00	24.59 -0.53 0.00	27.34 -0.31 0.00	22.34 0.06 0.00	20.10 0.09 0.00	16.42 0.21 0.00
BETHLHEM_115KV_TB1 79974	16.21 0.15 0.00	17.57 0.21 0.00	16.45 0.22 0.00	15.64 0.20 0.00	17.20 0.22 0.00	16.37 0.21 0.00	13.41 0.20 0.00	15.89 0.25 0.00	16.86 0.23 0.00	16.69 0.21 0.00	16.92 0.21 0.00	15.99 0.22 0.00	15.18 0.20 0.00	15.36 0.24 0.00	16.47 0.30 0.00	18.05 0.30 0.00	19.01 0.33 0.00	19.20 0.38 0.00	22.09 0.41 0.00	25.58 0.46 0.00	28.03 0.48 0.10	22.60 0.38 0.06	20.34 0.33 0.00	16.43 0.21 0.00
BETHPAGE_CC_5 323564	17.19 1.12 0.00	18.54 1.18 0.00	17.31 1.08 0.00	16.41 0.98 0.00	18.07 1.09 0.00	17.20 1.04 0.00	14.25 1.03 0.00	16.81 1.17 0.00	17.87 1.25 0.00	17.62 1.14 0.00	19.10 1.37 -1.02	18.80 1.31 -1.72	18.64 1.21 -2.45	17.85 1.20 -1.53	17.93 1.34 -0.42	20.16 1.40 -1.01	20.00 1.32 0.00	20.07 1.22 -0.03	23.00 1.33 0.00	26.66 1.54 0.00	29.53 1.77 -0.11	28.62 1.68 -4.66	23.10 1.57 -1.52	17.42 1.21 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	15.87 -0.19 0.00	17.08 -0.27 0.00	15.93 -0.30 0.00	15.15 -0.29 0.00	16.70 -0.28 0.00	15.97 -0.19 0.00	13.09 -0.12 0.00	15.47 -0.17 0.00	16.57 -0.05 0.00	16.51 0.03 0.00	16.66 -0.06 0.00	15.72 -0.05 0.00	14.99 0.01 0.00	15.01 -0.11 0.00	15.89 -0.28 0.00	17.31 -0.44 0.00	18.48 -0.20 0.00	18.35 -0.47 0.00	21.18 -0.49 0.00	24.72 -0.41 0.00	27.48 -0.17 0.00	22.45 0.17 0.00	20.19 0.18 0.00	16.49 0.28 0.00
BINGHAMTON___COGEN 23790	16.27 0.21 0.00	17.56 0.20 0.00	16.39 0.15 0.00	15.56 0.13 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.39 0.18 0.00	15.83 0.20 0.00	16.87 0.25 0.00	16.75 0.27 0.00	16.98 0.26 0.00	15.99 0.22 0.00	15.17 0.19 0.00	15.29 0.17 0.00	16.35 0.18 0.00	17.93 0.18 0.00	18.92 0.24 0.00	19.06 0.24 0.00	21.95 0.29 0.00	25.51 0.38 0.00	28.18 0.53 0.00	22.77 0.49 0.00	20.45 0.44 0.00	16.58 0.37 0.00
BIXINCNT_115KV_LOAD 355685	16.07 0.01 0.00	17.23 -0.13 0.00	16.07 -0.16 0.00	15.29 -0.15 0.00	16.84 -0.14 0.00	16.10 -0.06 0.00	13.20 -0.01 0.00	15.61 -0.03 0.00	16.66 0.03 0.00	16.61 0.13 0.00	16.76 0.05 0.00	15.81 0.04 0.00	15.03 0.05 0.00	15.07 -0.05 0.00	16.03 -0.14 0.00	17.47 -0.28 0.00	18.69 0.01 0.00	18.63 -0.19 0.00	21.48 -0.19 0.00	25.14 0.01 0.00	27.93 0.27 0.00	22.76 0.48 0.00	20.47 0.46 0.00	16.70 0.49 0.00



BLACK RIVER___HYD 24047	15.93 -0.13 0.00	17.15 -0.21 0.00	16.02 -0.21 0.00	15.32 -0.11 0.00	16.88 -0.10 0.00	16.09 -0.08 0.00	13.17 -0.04 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.53 0.05 0.00	16.66 -0.06 0.00	15.67 -0.10 0.00	14.85 -0.12 0.00	14.92 -0.20 0.00	15.98 -0.19 0.00	17.66 -0.09 0.00	18.82 0.14 0.00	19.11 0.28 0.00	22.13 0.47 0.00	25.58 0.45 0.00	28.15 0.50 0.00	22.70 0.42 0.00	20.35 0.34 0.00	16.38 0.18 0.00
BLACKRVR_115KV_TB2 79977	15.93 -0.13 0.00	17.15 -0.21 0.00	16.02 -0.21 0.00	15.32 -0.11 0.00	16.88 -0.10 0.00	16.09 -0.08 0.00	13.17 -0.04 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.53 0.05 0.00	16.66 -0.06 0.00	15.67 -0.10 0.00	14.85 -0.12 0.00	14.92 -0.20 0.00	15.98 -0.19 0.00	17.66 -0.09 0.00	18.82 0.14 0.00	19.11 0.29 0.00	22.13 0.47 0.00	25.58 0.45 0.00	28.15 0.50 0.00	22.70 0.42 0.00	20.36 0.35 0.00	16.39 0.18 0.00
BLISS_WT_PWR 323608	16.05 -0.01 0.00	17.20 -0.16 0.00	16.03 -0.20 0.00	15.26 -0.18 0.00	16.80 -0.18 0.00	16.07 -0.10 0.00	13.17 -0.05 0.00	15.56 -0.08 0.00	16.60 -0.02 0.00	16.56 0.08 0.00	16.72 0.00 0.00	15.76 -0.01 0.00	14.97 -0.01 0.00	15.02 -0.10 0.00	15.99 -0.18 0.00	17.42 -0.33 0.00	18.67 -0.01 0.00	18.59 -0.23 0.00	21.45 -0.22 0.00	25.12 -0.01 0.00	27.91 0.26 0.00	22.75 0.46 0.00	20.45 0.44 0.00	16.69 0.48 0.00
BLUESTONE___WT_PWR 323821	16.70 0.64 0.00	18.02 0.66 0.00	16.81 0.57 0.00	15.95 0.52 0.00	17.59 0.61 0.00	16.76 0.60 0.00	13.79 0.57 0.00	16.35 0.72 0.00	17.44 0.82 0.00	17.29 0.80 0.00	17.53 0.82 0.00	16.46 0.69 0.00	15.57 0.59 0.00	15.68 0.56 0.00	16.71 0.54 0.00	18.42 0.67 0.00	19.55 0.87 0.00	19.78 0.96 0.00	22.85 1.18 0.00	26.52 1.40 0.00	29.25 1.60 0.00	23.55 1.27 0.00	21.08 1.06 0.00	17.03 0.82 0.00
BLUE_CIRC_CHEM_DRP 24182	16.43 0.37 0.00	17.80 0.44 0.00	16.68 0.44 0.00	15.85 0.42 0.00	17.44 0.47 0.00	16.60 0.44 0.00	13.59 0.38 0.00	16.10 0.46 0.00	17.09 0.47 0.00	16.90 0.41 0.00	17.11 0.39 0.00	16.18 0.41 0.00	15.37 0.40 0.00	15.54 0.42 0.00	16.67 0.49 0.00	18.28 0.53 0.00	19.26 0.58 0.00	19.46 0.64 0.00	22.37 0.70 0.00	25.91 0.78 0.00	28.43 0.85 0.07	22.92 0.69 0.04	20.61 0.60 0.00	16.65 0.44 0.00
BOC_GAS_DRP 24189	16.37 0.31 0.00	17.73 0.37 0.00	16.60 0.37 0.00	15.78 0.34 0.00	17.36 0.38 0.00	16.51 0.35 0.00	13.53 0.31 0.00	16.02 0.38 0.00	17.01 0.38 0.00	16.84 0.36 0.00	17.08 0.37 0.00	16.13 0.36 0.00	15.31 0.33 0.00	15.48 0.36 0.00	16.59 0.42 0.00	18.19 0.44 0.00	19.14 0.46 0.00	19.32 0.50 0.00	22.22 0.55 0.00	25.75 0.62 0.00	28.26 0.68 0.07	22.79 0.56 0.04	20.51 0.50 0.00	16.57 0.36 0.00
BOONVILLE_115KV_TB1 79983	16.21 0.16 0.00	17.50 0.14 0.00	16.35 0.11 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.33 0.17 0.00	13.37 0.16 0.00	15.89 0.25 0.00	16.93 0.30 0.00	16.72 0.24 0.00	16.91 0.19 0.00	15.92 0.15 0.00	15.10 0.13 0.00	15.23 0.11 0.00	16.33 0.15 0.00	17.96 0.21 0.00	19.04 0.37 0.00	19.27 0.45 0.00	22.25 0.58 0.00	25.74 0.62 0.00	28.32 0.67 0.00	22.82 0.54 0.00	20.46 0.45 0.00	16.52 0.31 0.00
BORALEX_4TH_BRANCH 23824	16.72 0.66 0.00	18.08 0.72 0.00	16.94 0.71 0.00	16.13 0.69 0.00	17.76 0.78 0.00	16.93 0.77 0.00	13.75 0.53 0.00	16.31 0.67 0.00	17.29 0.67 0.00	17.11 0.63 0.00	17.41 0.70 0.00	16.45 0.68 0.00	15.54 0.56 0.00	15.70 0.58 0.00	16.84 0.67 0.00	18.49 0.74 0.00	19.49 0.81 0.00	19.64 0.81 0.00	22.58 0.91 0.00	26.15 1.03 0.00	28.35 1.02 0.31	23.04 0.95 0.19	20.79 0.78 0.00	16.78 0.57 0.00
BOWLINE___1 23526	16.81 0.75 0.00	18.15 0.79 0.00	16.96 0.72 0.00	16.08 0.65 0.00	17.69 0.71 0.00	16.83 0.67 0.00	13.88 0.67 0.00	16.43 0.79 0.00	17.43 0.80 0.00	17.29 0.81 0.00	17.56 0.85 0.00	16.57 0.80 0.00	15.71 0.74 0.00	15.89 0.76 0.00	17.04 0.87 0.00	18.65 0.90 0.00	19.61 0.93 0.00	19.74 0.92 0.00	22.72 1.04 0.00	26.37 1.24 0.00	29.10 1.35 -0.10	23.50 1.16 -0.06	21.07 1.06 0.00	17.00 0.80 0.00
BOWLINE___2 23595	16.81 0.75 0.00	18.15 0.79 0.00	16.96 0.72 0.00	16.08 0.65 0.00	17.69 0.71 0.00	16.83 0.67 0.00	13.88 0.67 0.00	16.43 0.79 0.00	17.43 0.80 0.00	17.29 0.81 0.00	17.56 0.85 0.00	16.57 0.80 0.00	15.71 0.74 0.00	15.89 0.76 0.00	17.04 0.87 0.00	18.65 0.90 0.00	19.61 0.93 0.00	19.74 0.92 0.00	22.72 1.04 0.00	26.37 1.24 0.00	29.10 1.35 -0.10	23.50 1.16 -0.06	21.07 1.06 0.00	17.00 0.80 0.00
BRADY___115KV_TB2 356060	16.21 0.15 0.00	17.52 0.15 0.00	16.37 0.14 0.00	15.60 0.17 0.00	17.16 0.18 0.00	16.34 0.17 0.00	13.31 0.10 0.00	15.77 0.13 0.00	16.73 0.10 0.00	16.58 0.10 0.00	16.81 0.10 0.00	15.83 0.06 0.00	15.03 0.05 0.00	15.17 0.05 0.00	16.20 0.03 0.00	17.87 0.12 0.00	18.71 0.03 0.00	18.86 0.04 0.00	21.78 0.11 0.00	25.24 0.12 0.00	27.80 0.15 0.00	22.44 0.15 0.00	20.16 0.15 0.00	16.30 0.09 0.00
BRANSCOMB___SOLAR 323811	16.65 0.59 0.00	18.02 0.66 0.00	16.87 0.64 0.00	16.05 0.61 0.00	17.66 0.68 0.00	16.84 0.68 0.00	13.78 0.57 0.00	16.36 0.73 0.00	17.39 0.77 0.00	17.14 0.66 0.00	17.39 0.68 0.00	16.45 0.68 0.00	15.62 0.64 0.00	15.81 0.69 0.00	16.95 0.78 0.00	18.62 0.87 0.00	19.62 0.93 0.00	19.85 1.03 0.00	22.85 1.18 0.00	26.46 1.33 0.00	28.93 1.39 0.11	23.32 1.10 0.07	20.92 0.91 0.00	16.88 0.67 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.29 0.00	16.62 1.18 0.00	18.29 1.32 0.00	17.42 1.26 0.00	14.44 1.23 0.00	17.04 1.41 0.00	18.12 1.50 0.00	17.82 1.34 0.00	18.71 1.58 -0.41	17.90 1.49 -0.64	17.02 1.37 -0.68	16.98 1.36 -0.50	17.17 1.54 0.54	19.57 1.62 -0.21	20.22 1.54 0.00	20.53 1.35 -0.36	23.05 1.38 0.00	26.73 1.61 0.00	29.73 1.97 -0.11	25.96 1.99 -1.70	22.51 1.88 -0.62	17.68 1.48 0.00
BRISTLHL_115KV_TB1 79998	15.91 -0.15 0.00	17.18 -0.18 0.00	16.04 -0.19 0.00	15.25 -0.19 0.00	16.77 -0.21 0.00	15.97 -0.19 0.00	13.07 -0.14 0.00	15.46 -0.18 0.00	16.46 -0.16 0.00	16.33 -0.15 0.00	16.57 -0.14 0.00	15.62 -0.14 0.00	14.83 -0.14 0.00	14.96 -0.16 0.00	15.99 -0.19 0.00	17.51 -0.24 0.00	18.48 -0.20 0.00	18.62 -0.20 0.00	21.44 -0.22 0.00	24.86 -0.26 0.00	27.38 -0.26 0.00	22.10 -0.18 0.00	19.83 -0.18 0.00	16.11 -0.10 0.00
BROOKHAVEN___DRP 24191	17.52 1.46 0.00	18.91 1.55 0.00	17.65 1.42 0.00	16.73 1.30 0.00	18.42 1.44 0.00	17.54 1.38 0.00	14.55 1.34 0.00	17.17 1.53 0.00	18.27 1.65 0.00	17.96 1.48 0.00	18.78 1.72 -0.35	17.91 1.62 -0.52	16.91 1.46 -0.47	16.96 1.46 -0.38	17.16 1.64 0.65	19.59 1.73 -0.11	20.38 1.70 0.00	22.15 1.60 -1.74	23.40 1.73 0.00	27.08 1.95 0.00	30.03 2.27 -0.11	25.80 2.16 -1.36	22.57 2.05 -0.52	17.82 1.62 0.00



BROOKLYN_NAVY_YARD 23515	16.89 0.84 0.01	18.23 0.88 0.01	17.02 0.81 0.01	16.18 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.97 0.77 0.00	16.53 0.89 0.00	17.54 0.91 0.00	17.41 0.93 0.00	17.69 0.98 0.01	16.70 0.93 0.00	15.85 0.87 0.00	16.02 0.90 0.00	17.18 1.01 0.00	18.78 1.03 0.00	19.74 1.07 0.00	19.86 1.04 0.00	22.82 1.16 0.01	26.54 1.41 0.00	29.25 1.50 -0.10	23.62 1.28 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
BROOKLYN___ARMY_DRP 323595	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
BROOKVLE_69_KV_TB1 55790	17.11 1.05 0.00	18.46 1.10 0.00	17.25 1.01 0.00	16.35 0.91 0.00	17.99 1.01 0.00	17.12 0.96 0.00	14.16 0.95 0.00	16.72 1.09 0.00	17.77 1.15 0.00	17.58 1.10 0.00	19.90 1.27 -1.91	20.27 1.21 -3.29	21.03 1.13 -4.92	19.27 1.14 -3.01	18.95 1.26 -1.52	21.17 1.32 -2.11	19.97 1.28 -0.01	20.04 1.22 0.00	23.03 1.36 0.00	26.72 1.59 0.00	29.57 1.80 -0.11	32.84 1.63 -8.93	24.35 1.49 -2.85	17.36 1.15 -0.01
BROOME_2_LFGE 323671	16.27 0.21 0.00	17.56 0.20 0.00	16.39 0.15 0.00	15.56 0.12 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.39 0.18 0.00	15.83 0.20 0.00	16.87 0.25 0.00	16.75 0.27 0.00	16.98 0.26 0.00	15.99 0.22 0.00	15.17 0.19 0.00	15.29 0.17 0.00	16.35 0.18 0.00	17.93 0.18 0.00	18.92 0.24 0.00	19.06 0.23 0.00	21.95 0.28 0.00	25.51 0.39 0.00	28.18 0.53 0.00	22.77 0.49 0.00	20.45 0.44 0.00	16.58 0.37 0.00
BROOME___LFGE 323600	16.27 0.21 0.00	17.56 0.20 0.00	16.39 0.15 0.00	15.56 0.12 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.39 0.18 0.00	15.83 0.20 0.00	16.87 0.25 0.00	16.75 0.27 0.00	16.98 0.26 0.00	15.99 0.22 0.00	15.17 0.19 0.00	15.29 0.17 0.00	16.35 0.18 0.00	17.93 0.18 0.00	18.92 0.24 0.00	19.06 0.23 0.00	21.95 0.28 0.00	25.51 0.39 0.00	28.18 0.53 0.00	22.77 0.49 0.00	20.45 0.44 0.00	16.58 0.37 0.00
BROWNFLS_115KV_TB_3_5 80003	15.96 -0.10 0.00	17.22 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
BROWNSV1_27_KV_LOAD 356125	17.08 1.02 0.00	18.43 1.07 0.00	17.21 0.98 0.00	16.33 0.89 0.00	17.95 0.98 0.00	17.08 0.91 0.00	14.11 0.90 0.00	16.68 1.05 0.00	17.71 1.09 0.00	17.60 1.12 0.00	17.89 1.17 0.00	16.88 1.11 0.00	16.02 1.04 0.00	16.19 1.08 0.00	17.37 1.20 0.00	18.98 1.24 0.00	19.96 1.29 0.00	20.08 1.26 0.00	23.10 1.43 0.00	26.85 1.72 0.00	29.59 1.84 -0.11	23.90 1.55 -0.06	21.45 1.44 0.00	17.30 1.09 0.00
BURROWS___LYONSDAL 23803	16.13 0.07 0.00	17.40 0.04 0.00	16.25 0.02 0.00	15.52 0.08 0.00	17.08 0.10 0.00	16.25 0.09 0.00	13.30 0.09 0.00	15.82 0.19 0.00	16.86 0.23 0.00	16.65 0.16 0.00	16.81 0.10 0.00	15.83 0.06 0.00	15.01 0.04 0.00	15.14 0.02 0.00	16.23 0.06 0.00	17.87 0.12 0.00	18.96 0.28 0.00	19.21 0.39 0.00	22.18 0.52 0.00	25.66 0.54 0.00	28.23 0.58 0.00	22.75 0.47 0.00	20.41 0.40 0.00	16.47 0.26 0.00
CAITHNESS_CC_1 323624	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.38 1.40 0.00	17.50 1.34 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.44 0.00	18.73 1.67 -0.34	17.86 1.57 -0.52	16.87 1.43 -0.47	16.92 1.42 -0.38	17.12 1.61 0.66	19.54 1.68 -0.11	20.32 1.64 0.00	22.08 1.53 -1.73	23.31 1.64 0.00	26.98 1.86 0.00	29.93 2.17 -0.11	25.71 2.08 -1.35	22.50 1.98 -0.52	17.77 1.57 0.00
CALPINE BETH_PAGE_GT4 24209	17.17 1.11 0.00	18.53 1.18 0.00	17.30 1.07 0.00	16.40 0.96 0.00	18.06 1.08 0.00	17.19 1.02 0.00	14.23 1.02 0.00	16.79 1.16 0.00	17.86 1.23 0.00	17.61 1.13 0.00	19.38 1.35 -1.31	19.31 1.30 -2.25	19.49 1.20 -3.31	18.34 1.18 -2.04	18.39 1.32 -0.89	20.53 1.38 -1.40	19.98 1.30 0.00	20.03 1.18 -0.02	22.97 1.30 0.00	26.63 1.51 0.00	29.48 1.71 -0.11	30.01 1.62 -6.11	23.48 1.51 -1.96	17.37 1.15 -0.01
CALPINE_BETH_PAGE_GT_4 323586	17.17 1.11 0.00	18.53 1.17 0.00	17.30 1.07 0.00	16.40 0.96 0.00	18.06 1.08 0.00	17.19 1.02 0.00	14.23 1.02 0.00	16.79 1.16 0.00	17.85 1.23 0.00	17.61 1.13 0.00	19.39 1.36 -1.31	19.31 1.30 -2.25	19.49 1.20 -3.31	18.34 1.18 -2.04	18.39 1.33 -0.89	20.53 1.38 -1.40	19.98 1.30 0.00	20.03 1.18 -0.02	22.97 1.30 0.00	26.63 1.51 0.00	29.47 1.71 -0.11	30.00 1.62 -6.11	23.48 1.51 -1.96	17.37 1.16 -0.01
CALPINE_BP_GT1 23823	17.17 1.11 0.00	18.53 1.17 0.00	17.30 1.07 0.00	16.40 0.96 0.00	18.06 1.08 0.00	17.19 1.02 0.00	14.23 1.02 0.00	16.79 1.16 0.00	17.85 1.23 0.00	17.61 1.13 0.00	19.39 1.36 -1.31	19.31 1.30 -2.25	19.49 1.20 -3.31	18.34 1.18 -2.04	18.39 1.33 -0.89	20.53 1.38 -1.40	19.98 1.30 0.00	20.03 1.18 -0.02	22.97 1.30 0.00	26.63 1.51 0.00	29.47 1.71 -0.11	30.00 1.62 -6.11	23.48 1.51 -1.96	17.37 1.16 -0.01
CALSPAN___DRP 24200	15.80 -0.26 0.00	17.02 -0.34 0.00	15.87 -0.37 0.00	15.09 -0.35 0.00	16.64 -0.34 0.00	15.91 -0.26 0.00	13.04 -0.17 0.00	15.40 -0.23 0.00	16.51 -0.12 0.00	16.43 -0.04 0.00	16.58 -0.13 0.00	15.65 -0.12 0.00	14.93 -0.05 0.00	14.95 -0.17 0.00	15.82 -0.35 0.00	17.23 -0.52 0.00	18.39 -0.29 0.00	18.26 -0.56 0.00	21.08 -0.59 0.00	24.59 -0.53 0.00	27.34 -0.31 0.00	22.34 0.06 0.00	20.10 0.09 0.00	16.42 0.21 0.00
CALVERTON___SOLAR 323806	17.58 1.52 0.00	18.97 1.61 0.00	17.70 1.47 0.00	16.78 1.35 0.00	18.48 1.50 0.00	17.60 1.44 0.00	14.59 1.38 0.00	17.23 1.59 0.00	18.33 1.70 0.00	18.02 1.54 0.00	18.84 1.78 -0.35	17.96 1.67 -0.52	16.95 1.50 -0.48	17.00 1.50 -0.38	17.21 1.69 0.65	19.64 1.78 -0.11	20.45 1.77 0.00	22.24 1.68 -1.74	23.49 1.82 0.00	27.20 2.08 0.00	30.15 2.40 -0.11	25.90 2.26 -1.36	22.65 2.13 -0.52	17.89 1.68 0.00
CANDIGU_WT_PWR 323617	15.95 -0.10 0.00	17.16 -0.20 0.00	15.92 -0.32 0.00	15.10 -0.33 0.00	16.69 -0.29 0.00	15.92 -0.24 0.00	13.01 -0.20 0.00	15.34 -0.29 0.00	16.38 -0.24 0.00	16.31 -0.17 0.00	16.55 -0.16 0.00	15.53 -0.24 0.00	14.73 -0.24 0.00	14.78 -0.34 0.00	15.78 -0.39 0.00	17.32 -0.42 0.00	18.40 -0.28 0.00	18.44 -0.38 0.00	21.36 -0.31 0.00	24.86 -0.26 0.00	27.63 -0.01 0.00	22.46 0.18 0.00	20.24 0.23 0.00	16.48 0.27 0.00



CARR STREET_E__SYR 24060	16.03 -0.03 0.00	17.30 -0.06 0.00	16.15 -0.08 0.00	15.35 -0.09 0.00	16.89 -0.09 0.00	16.08 -0.08 0.00	13.17 -0.04 0.00	15.58 -0.06 0.00	16.60 -0.03 0.00	16.47 -0.01 0.00	16.70 -0.02 0.00	15.74 -0.03 0.00	14.95 -0.03 0.00	15.07 -0.05 0.00	16.10 -0.07 0.00	17.65 -0.10 0.00	18.63 -0.05 0.00	18.76 -0.06 0.00	21.61 -0.06 0.00	25.07 -0.05 0.00	27.63 -0.02 0.00	22.29 0.01 0.00	20.01 0.00 0.00	16.25 0.04 0.00
CARTHAGE__PAPER 23857	16.02 -0.04 0.00	17.25 -0.11 0.00	16.11 -0.12 0.00	15.41 -0.03 0.00	16.97 0.00 0.00	16.16 -0.01 0.00	13.22 0.01 0.00	15.76 0.13 0.00	16.80 0.18 0.00	16.58 0.10 0.00	16.71 0.00 0.00	15.72 -0.04 0.00	14.89 -0.08 0.00	14.99 -0.13 0.00	16.07 -0.10 0.00	17.74 -0.01 0.00	18.89 0.21 0.00	19.17 0.34 0.00	22.19 0.52 0.00	25.65 0.52 0.00	28.22 0.57 0.00	22.76 0.48 0.00	20.41 0.40 0.00	16.43 0.22 0.00
CASSADAGA_WT_PWR 323784	15.81 -0.25 0.00	17.08 -0.28 0.00	15.94 -0.29 0.00	15.12 -0.32 0.00	16.69 -0.29 0.00	16.09 -0.07 0.00	13.19 -0.03 0.00	15.57 -0.07 0.00	16.70 0.08 0.00	16.54 0.06 0.00	16.76 0.05 0.00	15.84 0.07 0.00	15.25 0.27 0.00	15.30 0.19 0.00	16.21 0.04 0.00	17.59 -0.16 0.00	18.85 0.17 0.00	18.71 -0.11 0.00	21.68 0.01 0.00	25.24 0.12 0.00	28.05 0.40 0.00	22.92 0.64 0.00	20.60 0.58 0.00	16.78 0.57 0.00
CE_DUNWOOD__DRP 24194	16.87 0.80 0.00	18.21 0.85 0.00	17.01 0.78 0.00	16.15 0.71 0.00	17.76 0.78 0.00	16.90 0.73 0.00	13.93 0.72 0.00	16.48 0.85 0.00	17.49 0.87 0.00	17.36 0.88 0.00	17.64 0.93 0.00	16.64 0.87 0.00	15.78 0.80 0.00	15.96 0.84 0.00	17.11 0.94 0.00	18.72 0.97 0.00	19.68 1.01 0.00	19.81 0.99 0.00	22.78 1.11 0.00	26.46 1.33 0.00	29.19 1.44 -0.11	23.57 1.23 -0.06	21.15 1.14 0.00	17.06 0.86 0.00
CE_MILLWOOD__DRP 24193	16.84 0.78 0.00	18.19 0.82 0.00	16.99 0.76 0.00	16.13 0.69 0.00	17.73 0.75 0.00	16.87 0.71 0.00	13.92 0.70 0.00	16.46 0.82 0.00	17.47 0.84 0.00	17.33 0.85 0.00	17.61 0.89 0.00	16.61 0.84 0.00	15.75 0.78 0.00	15.93 0.81 0.00	17.08 0.91 0.00	18.69 0.94 0.00	19.66 0.97 0.00	19.78 0.96 0.00	22.75 1.09 0.00	26.42 1.29 0.00	29.15 1.39 -0.11	23.53 1.19 -0.06	21.11 1.10 0.00	17.04 0.83 0.00
CE_NYC2_DRP 24202	16.94 0.88 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.80 0.82 0.00	16.94 0.77 0.00	13.99 0.78 0.00	16.54 0.90 0.00	17.56 0.93 0.00	17.44 0.96 0.00	17.73 1.01 0.00	16.74 0.97 0.00	15.89 0.92 0.00	16.06 0.95 0.00	17.23 1.05 0.00	18.82 1.08 0.00	19.78 1.10 0.00	19.90 1.07 0.00	22.89 1.22 0.00	26.58 1.45 0.00	29.30 1.54 -0.11	23.69 1.34 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
CE_NYC_DRP 24195	16.96 0.90 0.00	18.30 0.94 0.00	17.10 0.87 0.00	16.23 0.79 0.00	17.85 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.81 1.13 0.00	19.92 1.10 0.00	22.91 1.24 0.00	26.62 1.49 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.28 1.27 0.00	17.17 0.96 0.00
CHAFFEE__LFGE 323603	15.84 -0.22 0.00	17.06 -0.30 0.00	15.89 -0.34 0.00	15.12 -0.32 0.00	16.67 -0.31 0.00	15.94 -0.22 0.00	13.07 -0.14 0.00	15.43 -0.20 0.00	16.55 -0.07 0.00	16.49 0.01 0.00	16.65 -0.07 0.00	15.70 -0.06 0.00	14.99 0.01 0.00	15.01 -0.11 0.00	15.87 -0.30 0.00	17.30 -0.45 0.00	18.47 -0.20 0.00	18.33 -0.50 0.00	21.17 -0.50 0.00	24.70 -0.43 0.00	27.45 -0.20 0.00	22.43 0.14 0.00	20.15 0.14 0.00	16.45 0.24 0.00
CHATEAUG_35_KV_LOAD 355732	16.47 0.41 0.00	17.74 0.38 0.00	16.58 0.34 0.00	15.76 0.33 0.00	17.35 0.37 0.00	16.54 0.37 0.00	13.43 0.21 0.00	15.86 0.23 0.00	16.86 0.24 0.00	16.73 0.25 0.00	16.94 0.22 0.00	16.04 0.27 0.00	15.32 0.34 0.00	15.50 0.37 0.00	16.56 0.39 0.00	18.19 0.44 0.00	19.04 0.36 0.00	19.22 0.40 0.00	22.16 0.49 0.00	25.63 0.51 0.00	28.18 0.52 0.00	22.70 0.42 0.00	20.36 0.35 0.00	16.54 0.33 0.00
CHATEAUG_WT_PWR 323614	16.47 0.41 0.00	17.73 0.37 0.00	16.57 0.33 0.00	15.76 0.32 0.00	17.35 0.37 0.00	16.54 0.37 0.00	13.42 0.21 0.00	15.85 0.22 0.00	16.85 0.22 0.00	16.71 0.23 0.00	16.91 0.20 0.00	16.02 0.25 0.00	15.32 0.34 0.00	15.50 0.38 0.00	16.56 0.39 0.00	18.18 0.44 0.00	19.03 0.35 0.00	19.21 0.39 0.00	22.14 0.48 0.00	25.61 0.49 0.00	28.13 0.48 0.00	22.68 0.40 0.00	20.35 0.34 0.00	16.54 0.33 0.00
CHAT_HIGH_FALL_HYD 323578	16.47 0.41 0.00	17.74 0.38 0.00	16.58 0.34 0.00	15.76 0.33 0.00	17.35 0.38 0.00	16.54 0.37 0.00	13.42 0.21 0.00	15.86 0.23 0.00	16.86 0.24 0.00	16.73 0.25 0.00	16.94 0.22 0.00	16.04 0.27 0.00	15.32 0.34 0.00	15.50 0.37 0.00	16.56 0.39 0.00	18.19 0.44 0.00	19.04 0.36 0.00	19.22 0.40 0.00	22.16 0.49 0.00	25.63 0.51 0.00	28.17 0.52 0.00	22.70 0.42 0.00	20.36 0.35 0.00	16.54 0.33 0.00
CHAUTAUQUA__LFGE 323629	15.87 -0.19 0.00	17.11 -0.25 0.00	15.93 -0.30 0.00	15.14 -0.30 0.00	16.70 -0.28 0.00	16.00 -0.16 0.00	13.14 -0.07 0.00	15.50 -0.13 0.00	16.63 0.01 0.00	16.53 0.05 0.00	16.72 0.00 0.00	15.77 0.00 0.00	15.10 0.12 0.00	15.13 0.01 0.00	16.04 -0.14 0.00	17.46 -0.29 0.00	18.63 -0.05 0.00	18.48 -0.34 0.00	21.37 -0.30 0.00	24.91 -0.21 0.00	27.72 0.07 0.00	22.63 0.35 0.00	20.35 0.34 0.00	16.59 0.38 0.00
CHERRYST_13_KV_LD 356241	16.99 0.93 0.00	18.35 0.99 0.00	17.14 0.91 0.00	16.27 0.83 0.00	17.88 0.91 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.97 0.00	16.11 0.99 0.00	17.29 1.11 0.00	18.89 1.15 0.00	19.87 1.19 0.00	19.98 1.15 0.00	22.97 1.30 0.00	26.68 1.56 0.00	29.43 1.67 -0.11	23.76 1.41 -0.06	21.33 1.32 0.00	17.21 1.01 0.00
CHESTROR_138KV_BK263 355645	16.75 0.69 0.00	18.10 0.74 0.00	16.91 0.67 0.00	16.05 0.61 0.00	17.65 0.67 0.00	16.80 0.63 0.00	13.83 0.62 0.00	16.36 0.73 0.00	17.37 0.75 0.00	17.23 0.74 0.00	17.49 0.77 0.00	16.49 0.73 0.00	15.64 0.66 0.00	15.81 0.70 0.00	16.96 0.79 0.00	18.57 0.83 0.00	19.54 0.86 0.00	19.69 0.86 0.00	22.66 0.98 0.00	26.30 1.18 0.00	29.02 1.28 -0.09	23.42 1.09 -0.05	21.00 0.99 0.00	16.95 0.74 0.00
CH_MIDHUDSON__DRP 24192	16.81 0.75 0.00	18.16 0.80 0.00	16.98 0.75 0.00	16.13 0.69 0.00	17.74 0.76 0.00	16.88 0.72 0.00	13.90 0.69 0.00	16.45 0.82 0.00	17.46 0.84 0.00	17.32 0.84 0.00	17.59 0.87 0.00	16.58 0.81 0.00	15.72 0.75 0.00	15.90 0.79 0.00	17.06 0.88 0.00	18.68 0.93 0.00	19.63 0.95 0.00	19.79 0.97 0.00	22.77 1.10 0.00	26.42 1.29 0.00	29.10 1.39 -0.07	23.49 1.17 -0.04	21.09 1.08 0.00	17.02 0.81 0.00



CH_MISC_IPPS 23765	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.34 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00
CH_RES_BVR_FALLS 23983	15.98 -0.08 0.00	17.28 -0.09 0.00	16.15 -0.08 0.00	15.38 -0.06 0.00	16.91 -0.07 0.00	16.10 -0.07 0.00	13.13 -0.09 0.00	15.53 -0.10 0.00	16.51 -0.11 0.00	16.38 -0.10 0.00	16.61 -0.10 0.00	15.67 -0.10 0.00	14.90 -0.08 0.00	15.04 -0.09 0.00	16.08 -0.10 0.00	17.67 -0.07 0.00	18.56 -0.12 0.00	18.69 -0.14 0.00	21.52 -0.15 0.00	24.95 -0.17 0.00	27.45 -0.20 0.00	22.12 -0.16 0.00	19.86 -0.14 0.00	16.08 -0.12 0.00
CH_RES_NIAGARA 23895	15.37 -0.69 0.00	16.59 -0.77 0.00	15.48 -0.76 0.00	14.73 -0.70 0.00	16.24 -0.73 0.00	15.53 -0.64 0.00	12.71 -0.50 0.00	15.00 -0.64 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.53 0.00	14.56 -0.42 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.67 -1.15 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.33 -1.32 0.00	21.57 -0.71 0.00	19.42 -0.59 0.00	15.88 -0.33 0.00
CH_RES_SYRACUSE 23985	16.16 0.09 0.00	17.43 0.07 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.81 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.88 0.24 0.00	22.49 0.20 0.00	20.18 0.17 0.00	16.38 0.17 0.00
CLINTON_WT_PWR 323605	16.47 0.41 0.00	17.73 0.37 0.00	16.57 0.33 0.00	15.76 0.32 0.00	17.35 0.37 0.00	16.54 0.37 0.00	13.42 0.21 0.00	15.85 0.22 0.00	16.85 0.22 0.00	16.71 0.23 0.00	16.91 0.20 0.00	16.02 0.25 0.00	15.32 0.34 0.00	15.50 0.38 0.00	16.56 0.39 0.00	18.18 0.44 0.00	19.03 0.35 0.00	19.21 0.39 0.00	22.14 0.48 0.00	25.61 0.49 0.00	28.13 0.48 0.00	22.68 0.40 0.00	20.35 0.34 0.00	16.54 0.33 0.00
CLINTON__LFGE 323618	16.63 0.57 0.00	17.90 0.54 0.00	16.74 0.50 0.00	15.91 0.48 0.00	17.52 0.55 0.00	16.70 0.54 0.00	13.58 0.36 0.00	16.03 0.40 0.00	17.05 0.42 0.00	16.90 0.42 0.00	17.10 0.39 0.00	16.19 0.43 0.00	15.49 0.52 0.00	15.69 0.58 0.00	16.76 0.59 0.00	18.39 0.64 0.00	19.28 0.60 0.00	19.48 0.66 0.00	22.46 0.79 0.00	25.97 0.84 0.00	28.51 0.86 0.00	22.94 0.66 0.00	20.55 0.54 0.00	16.72 0.51 0.00
COBBLENY_34_KV_TB1 80064	15.84 -0.22 0.00	17.06 -0.30 0.00	15.90 -0.33 0.00	15.12 -0.32 0.00	16.67 -0.31 0.00	15.94 -0.22 0.00	13.07 -0.14 0.00	15.45 -0.19 0.00	16.55 -0.07 0.00	16.49 0.01 0.00	16.65 -0.07 0.00	15.71 -0.06 0.00	14.99 0.01 0.00	15.01 -0.11 0.00	15.88 -0.30 0.00	17.30 -0.45 0.00	18.47 -0.21 0.00	18.34 -0.48 0.00	21.17 -0.51 0.00	24.70 -0.42 0.00	27.44 -0.20 0.00	22.43 0.14 0.00	20.16 0.15 0.00	16.45 0.24 0.00
COFFEEN__115KV_TB3 355620	16.01 -0.05 0.00	17.24 -0.12 0.00	16.09 -0.14 0.00	15.39 -0.05 0.00	16.96 -0.02 0.00	16.15 -0.01 0.00	13.24 0.02 0.00	15.79 0.15 0.00	16.84 0.21 0.00	16.63 0.15 0.00	16.75 0.03 0.00	15.76 -0.01 0.00	14.94 -0.04 0.00	14.97 -0.15 0.00	16.04 -0.13 0.00	17.74 -0.01 0.00	18.92 0.24 0.00	19.22 0.40 0.00	22.28 0.61 0.00	25.76 0.64 0.00	28.34 0.69 0.00	22.84 0.56 0.00	20.46 0.45 0.00	16.47 0.26 0.00
COLDSPRG_115KV_BK1 355956	16.30 0.24 0.00	17.57 0.21 0.00	16.38 0.14 0.00	15.54 0.11 0.00	17.14 0.16 0.00	16.43 0.27 0.00	13.50 0.29 0.00	15.95 0.32 0.00	17.09 0.47 0.00	16.99 0.51 0.00	17.19 0.48 0.00	16.24 0.47 0.00	15.53 0.55 0.00	15.57 0.45 0.00	16.51 0.34 0.00	17.97 0.23 0.00	19.20 0.51 0.00	19.12 0.29 0.00	22.09 0.41 0.00	25.76 0.64 0.00	28.60 0.95 0.00	23.30 1.02 0.00	20.92 0.91 0.00	17.04 0.83 0.00
COLONIE_LFGE__ 323577	16.52 0.46 0.00	17.88 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.52 0.54 0.00	16.68 0.52 0.00	13.65 0.44 0.00	16.18 0.54 0.00	17.18 0.56 0.00	16.98 0.50 0.00	17.23 0.52 0.00	16.28 0.52 0.00	15.45 0.47 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.38 0.64 0.00	19.36 0.68 0.00	19.56 0.74 0.00	22.50 0.83 0.00	26.07 0.95 0.00	28.51 0.99 0.13	23.02 0.82 0.08	20.70 0.68 0.00	16.71 0.50 0.00
COOPERNY_115KV_TB1 80082	16.62 0.56 0.00	17.96 0.60 0.00	16.78 0.55 0.00	15.93 0.49 0.00	17.53 0.55 0.00	16.68 0.51 0.00	13.71 0.50 0.00	16.22 0.59 0.00	17.23 0.61 0.00	17.09 0.61 0.00	17.34 0.63 0.00	16.36 0.59 0.00	15.51 0.53 0.00	15.68 0.56 0.00	16.80 0.63 0.00	18.40 0.65 0.00	19.36 0.69 0.00	19.51 0.69 0.00	22.46 0.79 0.00	26.07 0.94 0.00	28.74 1.04 -0.06	23.20 0.89 -0.03	20.81 0.80 0.00	16.82 0.61 0.00
COPENHAGEN_WT_PWR 323753	15.84 -0.22 0.00	17.05 -0.31 0.00	15.94 -0.30 0.00	15.25 -0.19 0.00	16.80 -0.17 0.00	16.01 -0.16 0.00	13.11 -0.10 0.00	15.63 0.00 0.00	16.67 0.05 0.00	16.46 -0.02 0.00	16.57 -0.14 0.00	15.59 -0.18 0.00	14.78 -0.19 0.00	14.85 -0.27 0.00	15.91 -0.26 0.00	17.59 -0.16 0.00	18.73 0.06 0.00	19.03 0.20 0.00	22.02 0.35 0.00	25.45 0.32 0.00	28.02 0.37 0.00	22.60 0.32 0.00	20.28 0.27 0.00	16.32 0.11 0.00
CORNELL____ 23752	16.48 0.42 0.00	17.77 0.41 0.00	16.57 0.33 0.00	15.73 0.30 0.00	17.33 0.35 0.00	16.50 0.34 0.00	13.55 0.33 0.00	16.05 0.41 0.00	17.11 0.49 0.00	16.96 0.48 0.00	17.16 0.45 0.00	16.13 0.36 0.00	15.32 0.34 0.00	15.43 0.30 0.00	16.48 0.30 0.00	18.12 0.37 0.00	19.19 0.51 0.00	19.36 0.54 0.00	22.34 0.67 0.00	25.96 0.83 0.00	28.63 0.98 0.00	23.07 0.79 0.00	20.69 0.68 0.00	16.76 0.55 0.00
CORONAAV_69_KV_TB1 355595	17.15 1.08 -0.02	18.50 1.14 0.00	17.27 1.04 0.00	16.38 0.94 0.00	18.03 1.04 0.00	17.16 1.00 0.00	14.19 0.98 0.00	16.74 1.11 0.00	17.78 1.16 0.00	17.58 1.10 0.00	23.33 1.32 -5.29	26.46 1.28 -9.41	31.44 1.20 -15.27	25.27 1.18 -8.97	25.31 1.32 -7.81	26.00 1.37 -6.88	20.02 1.31 -0.03	20.04 1.22 0.00	23.03 1.36 0.00	26.71 1.59 0.00	29.61 1.83 -0.13	49.80 1.69 -25.84	29.47 1.57 -7.89	17.45 1.20 -0.05
CORTLAND_115KV_TB3 80093	16.33 0.26 0.00	17.62 0.26 0.00	16.44 0.21 0.00	15.62 0.18 0.00	17.20 0.23 0.00	16.37 0.21 0.00	13.43 0.22 0.00	15.90 0.27 0.00	16.95 0.32 0.00	16.80 0.32 0.00	17.02 0.31 0.00	16.03 0.26 0.00	15.21 0.23 0.00	15.33 0.21 0.00	16.39 0.22 0.00	17.99 0.24 0.00	19.02 0.34 0.00	19.18 0.36 0.00	22.11 0.44 0.00	25.67 0.55 0.00	28.30 0.65 0.00	22.82 0.54 0.00	20.48 0.47 0.00	16.60 0.39 0.00



COXSACKIE___GT 23611	16.90 0.84 0.00	18.28 0.91 0.00	17.11 0.88 0.00	16.27 0.83 0.00	17.91 0.94 0.00	17.06 0.89 0.00	13.99 0.78 0.00	16.64 1.00 0.00	17.69 1.07 0.00	17.41 0.93 0.00	17.30 0.58 0.00	16.43 0.66 0.00	15.72 0.75 0.00	15.92 0.80 0.00	17.11 0.93 0.00	18.70 0.96 0.00	19.86 1.19 0.00	20.21 1.39 0.00	23.41 1.74 0.00	27.11 1.99 0.00	29.74 2.14 0.05	23.88 1.63 0.03	21.35 1.34 0.00	17.18 0.97 0.00
CPV_VALLEY___CC1 323721	16.70 0.64 0.00	18.04 0.68 0.00	16.86 0.63 0.00	16.00 0.56 0.00	17.60 0.62 0.00	16.75 0.58 0.00	13.78 0.57 0.00	16.31 0.67 0.00	17.31 0.69 0.00	17.17 0.69 0.00	17.44 0.72 0.00	16.44 0.68 0.00	15.60 0.62 0.00	15.77 0.65 0.00	16.91 0.73 0.00	18.51 0.76 0.00	19.47 0.79 0.00	19.62 0.79 0.00	22.57 0.90 0.00	26.20 1.07 0.00	28.90 1.17 -0.08	23.33 1.00 -0.05	20.92 0.91 0.00	16.89 0.68 0.00
CPV_VALLEY___CC2 323722	16.70 0.64 0.00	18.04 0.68 0.00	16.86 0.63 0.00	16.00 0.56 0.00	17.60 0.62 0.00	16.75 0.58 0.00	13.78 0.57 0.00	16.31 0.67 0.00	17.31 0.69 0.00	17.17 0.69 0.00	17.44 0.72 0.00	16.44 0.68 0.00	15.60 0.62 0.00	15.77 0.65 0.00	16.91 0.73 0.00	18.51 0.76 0.00	19.47 0.79 0.00	19.62 0.79 0.00	22.57 0.90 0.00	26.20 1.07 0.00	28.90 1.17 -0.08	23.33 1.00 -0.05	20.92 0.91 0.00	16.89 0.68 0.00
CRESCENT___HYD 24018	16.52 0.46 0.00	17.88 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.52 0.54 0.00	16.68 0.52 0.00	13.65 0.44 0.00	16.18 0.54 0.00	17.18 0.56 0.00	16.98 0.50 0.00	17.23 0.52 0.00	16.28 0.52 0.00	15.45 0.47 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.38 0.64 0.00	19.36 0.68 0.00	19.56 0.74 0.00	22.50 0.83 0.00	26.07 0.95 0.00	28.51 0.99 0.13	23.02 0.82 0.08	20.70 0.68 0.00	16.71 0.50 0.00
CRICKET___VALLEY_CC1 323756	16.58 0.52 0.00	17.92 0.56 0.00	16.77 0.54 0.00	15.93 0.49 0.00	17.53 0.55 0.00	16.70 0.53 0.00	13.74 0.52 0.00	16.25 0.62 0.00	17.24 0.62 0.00	17.08 0.59 0.00	17.35 0.64 0.00	16.36 0.60 0.00	15.51 0.54 0.00	15.69 0.57 0.00	16.82 0.65 0.00	18.43 0.68 0.00	19.32 0.64 0.00	19.48 0.66 0.00	22.40 0.73 0.00	25.97 0.85 0.00	26.76 0.87 1.76	22.01 0.76 1.04	20.76 0.75 0.00	16.78 0.57 0.00
CRICKET___VALLEY_CC2 323757	16.58 0.52 0.00	17.92 0.56 0.00	16.77 0.54 0.00	15.93 0.49 0.00	17.53 0.55 0.00	16.70 0.53 0.00	13.74 0.52 0.00	16.25 0.62 0.00	17.24 0.62 0.00	17.08 0.59 0.00	17.35 0.64 0.00	16.36 0.60 0.00	15.51 0.54 0.00	15.69 0.57 0.00	16.82 0.65 0.00	18.43 0.68 0.00	19.32 0.64 0.00	19.48 0.66 0.00	22.40 0.73 0.00	25.97 0.85 0.00	26.76 0.87 1.76	22.01 0.76 1.04	20.76 0.75 0.00	16.78 0.57 0.00
CRICKET___VALLEY_CC3 323758	16.58 0.52 0.00	17.92 0.56 0.00	16.77 0.54 0.00	15.93 0.49 0.00	17.53 0.55 0.00	16.70 0.53 0.00	13.74 0.52 0.00	16.25 0.62 0.00	17.24 0.62 0.00	17.08 0.59 0.00	17.35 0.64 0.00	16.36 0.60 0.00	15.51 0.54 0.00	15.69 0.57 0.00	16.82 0.65 0.00	18.43 0.68 0.00	19.32 0.64 0.00	19.48 0.66 0.00	22.40 0.73 0.00	25.97 0.85 0.00	26.76 0.87 1.76	22.01 0.76 1.04	20.76 0.75 0.00	16.78 0.57 0.00
CRUCIBLE_METL_DRP 24180	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
DAHOWA___HYDRO 323763	16.69 0.62 0.00	18.05 0.69 0.00	16.90 0.67 0.00	16.08 0.64 0.00	17.70 0.72 0.00	16.88 0.72 0.00	13.82 0.61 0.00	16.41 0.77 0.00	17.45 0.83 0.00	17.18 0.70 0.00	17.43 0.72 0.00	16.49 0.72 0.00	15.66 0.69 0.00	15.85 0.73 0.00	17.01 0.83 0.00	18.68 0.93 0.00	19.69 1.01 0.00	19.94 1.12 0.00	22.95 1.28 0.00	26.57 1.45 0.00	29.04 1.51 0.11	23.40 1.19 0.06	20.97 0.96 0.00	16.91 0.70 0.00
DANC___LFGE 323619	15.84 -0.22 0.00	17.07 -0.29 0.00	15.94 -0.29 0.00	15.22 -0.22 0.00	16.76 -0.22 0.00	15.96 -0.20 0.00	13.07 -0.14 0.00	15.54 -0.10 0.00	16.56 -0.06 0.00	16.39 -0.10 0.00	16.54 -0.18 0.00	15.57 -0.20 0.00	14.77 -0.21 0.00	14.86 -0.26 0.00	15.90 -0.27 0.00	17.50 -0.24 0.00	18.58 -0.10 0.00	18.82 0.00 0.00	21.75 0.08 0.00	25.17 0.04 0.00	27.72 0.07 0.00	22.37 0.09 0.00	20.08 0.07 0.00	16.22 0.01 0.00
DANSKAMMER___1 23586	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.34 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00
DANSKAMMER___2 23589	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.34 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00
DANSKAMMER___3 23590	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.34 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00
DANSKAMMER___4 23591	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.34 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00
DANSKAMMER___DIESEL 23592	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.21 0.77 0.00	17.83 0.85 0.00	16.97 0.81 0.00	13.98 0.77 0.00	16.54 0.91 0.00	17.57 0.94 0.00	17.42 0.94 0.00	17.69 0.98 0.00	16.68 0.91 0.00	15.81 0.83 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.80 1.05 0.00	19.77 1.09 0.00	19.92 1.11 0.00	22.93 1.26 0.00	26.62 1.50 0.00	29.35 1.62 -0.08	23.67 1.35 -0.05	21.23 1.22 0.00	17.13 0.92 0.00



DARBY___SOLAR 323810	16.65 0.59 0.00	18.02 0.65 0.00	16.87 0.64 0.00	16.05 0.61 0.00	17.67 0.69 0.00	16.84 0.68 0.00	13.79 0.58 0.00	16.36 0.73 0.00	17.40 0.78 0.00	17.15 0.67 0.00	17.39 0.68 0.00	16.45 0.68 0.00	15.62 0.65 0.00	15.81 0.69 0.00	16.96 0.79 0.00	18.62 0.87 0.00	19.63 0.95 0.00	19.86 1.04 0.00	22.86 1.19 0.00	26.47 1.34 0.00	28.95 1.41 0.11	23.32 1.11 0.07	20.92 0.91 0.00	16.88 0.67 0.00
DASHVILLE___HYD 23610	16.81 0.75 0.00	18.16 0.80 0.00	16.98 0.75 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.85 0.68 0.00	13.88 0.67 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.32 0.84 0.00	17.59 0.88 0.00	16.58 0.81 0.00	15.70 0.73 0.00	15.89 0.77 0.00	17.03 0.86 0.00	18.65 0.90 0.00	19.59 0.91 0.00	19.72 0.90 0.00	22.70 1.02 0.00	26.36 1.23 0.00	29.07 1.38 -0.04	23.45 1.15 -0.02	21.07 1.06 0.00	17.02 0.81 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	17.91 1.85 0.00	19.31 1.95 0.00	18.02 1.79 0.00	17.08 1.64 0.00	18.81 1.83 0.00	17.93 1.76 0.00	14.87 1.66 0.00	17.56 1.93 0.00	18.71 2.08 0.00	18.41 1.93 0.00	19.25 2.19 -0.35	18.35 2.06 -0.52	17.29 1.83 -0.48	17.32 1.82 -0.38	17.55 2.03 0.65	20.04 2.17 -0.12	20.90 2.22 0.00	22.73 2.16 -1.75	24.07 2.40 0.00	27.85 2.72 0.00	30.87 3.11 -0.11	26.44 2.79 -1.37	23.10 2.57 -0.52	18.24 2.03 0.00
DELAWARE___LFGE 323621	16.55 0.49 0.00	17.91 0.55 0.00	16.76 0.52 0.00	15.91 0.47 0.00	17.51 0.53 0.00	16.65 0.49 0.00	13.65 0.44 0.00	16.17 0.53 0.00	17.20 0.57 0.00	17.06 0.58 0.00	17.31 0.59 0.00	16.32 0.55 0.00	15.47 0.49 0.00	15.62 0.50 0.00	16.72 0.54 0.00	18.32 0.57 0.00	19.32 0.64 0.00	19.48 0.66 0.00	22.41 0.74 0.00	26.01 0.89 0.00	28.66 1.01 0.00	23.12 0.84 0.00	20.75 0.74 0.00	16.79 0.58 0.00
DERFIELD_115KV_TB7 355931	16.08 0.02 0.00	17.38 0.02 0.00	16.25 0.02 0.00	15.45 0.02 0.00	17.00 0.02 0.00	16.18 0.02 0.00	13.24 0.03 0.00	15.67 0.03 0.00	16.66 0.03 0.00	16.50 0.02 0.00	16.73 0.02 0.00	15.79 0.02 0.00	14.99 0.01 0.00	15.13 0.01 0.00	16.20 0.03 0.00	17.78 0.03 0.00	18.73 0.05 0.00	18.90 0.08 0.00	21.76 0.09 0.00	25.23 0.10 0.00	27.76 0.11 0.00	22.35 0.07 0.00	20.07 0.06 0.00	16.25 0.04 0.00
DOGLEVILLE___HYD 23807	16.34 0.28 0.00	17.65 0.30 0.00	16.51 0.28 0.00	15.67 0.23 0.00	17.25 0.27 0.00	16.37 0.20 0.00	13.48 0.27 0.00	16.02 0.38 0.00	16.99 0.37 0.00	16.53 0.05 0.00	16.86 0.15 0.00	15.89 0.12 0.00	15.01 0.04 0.00	15.15 0.03 0.00	16.31 0.14 0.00	18.02 0.27 0.00	19.04 0.36 0.00	19.38 0.56 0.00	22.42 0.74 0.00	25.99 0.86 0.00	28.53 0.87 0.00	22.91 0.63 0.00	20.51 0.50 0.00	16.54 0.33 0.00
DUNKIRK___115KV_TB_200 55889	15.87 -0.19 0.00	17.11 -0.25 0.00	15.94 -0.29 0.00	15.14 -0.30 0.00	16.70 -0.28 0.00	15.99 -0.17 0.00	13.13 -0.08 0.00	15.51 -0.13 0.00	16.62 0.00 0.00	16.53 0.05 0.00	16.71 0.00 0.00	15.77 0.00 0.00	15.07 0.10 0.00	15.11 -0.01 0.00	16.01 -0.16 0.00	17.44 -0.30 0.00	18.59 -0.09 0.00	18.47 -0.35 0.00	21.32 -0.35 0.00	24.87 -0.26 0.00	27.68 0.03 0.00	22.59 0.32 0.00	20.32 0.31 0.00	16.57 0.36 0.00
DUNKIRK___1 23563	15.87 -0.19 0.00	17.11 -0.25 0.00	15.94 -0.29 0.00	15.14 -0.30 0.00	16.70 -0.28 0.00	15.99 -0.17 0.00	13.13 -0.08 0.00	15.51 -0.13 0.00	16.62 0.00 0.00	16.53 0.05 0.00	16.71 0.00 0.00	15.77 0.00 0.00	15.07 0.10 0.00	15.11 -0.01 0.00	16.01 -0.16 0.00	17.44 -0.30 0.00	18.59 -0.09 0.00	18.47 -0.35 0.00	21.32 -0.35 0.00	24.87 -0.26 0.00	27.68 0.03 0.00	22.59 0.32 0.00	20.32 0.31 0.00	16.57 0.36 0.00
DUNKIRK___2 23564	15.87 -0.19 0.00	17.11 -0.25 0.00	15.94 -0.29 0.00	15.14 -0.30 0.00	16.70 -0.28 0.00	15.99 -0.17 0.00	13.13 -0.08 0.00	15.51 -0.13 0.00	16.62 0.00 0.00	16.53 0.05 0.00	16.71 0.00 0.00	15.77 0.00 0.00	15.07 0.10 0.00	15.11 -0.01 0.00	16.01 -0.16 0.00	17.44 -0.30 0.00	18.59 -0.09 0.00	18.47 -0.35 0.00	21.32 -0.35 0.00	24.87 -0.26 0.00	27.68 0.03 0.00	22.59 0.32 0.00	20.32 0.31 0.00	16.57 0.36 0.00
DUNKIRK___3 23565	15.88 -0.18 0.00	17.11 -0.25 0.00	15.94 -0.30 0.00	15.14 -0.30 0.00	16.70 -0.28 0.00	15.98 -0.19 0.00	13.12 -0.09 0.00	15.49 -0.14 0.00	16.60 -0.02 0.00	16.52 0.04 0.00	16.70 -0.02 0.00	15.74 -0.02 0.00	15.03 0.05 0.00	15.06 -0.06 0.00	15.98 -0.20 0.00	17.42 -0.33 0.00	18.54 -0.14 0.00	18.43 -0.39 0.00	21.27 -0.40 0.00	24.81 -0.32 0.00	27.61 -0.04 0.00	22.53 0.25 0.00	20.26 0.25 0.00	16.52 0.31 0.00
DUNKIRK___4 23566	15.86 -0.20 0.00	17.09 -0.27 0.00	15.92 -0.31 0.00	15.13 -0.31 0.00	16.69 -0.29 0.00	15.97 -0.19 0.00	13.11 -0.10 0.00	15.48 -0.15 0.00	16.59 -0.03 0.00	16.51 0.03 0.00	16.68 -0.04 0.00	15.74 -0.03 0.00	15.04 0.06 0.00	15.07 -0.05 0.00	15.96 -0.21 0.00	17.39 -0.36 0.00	18.54 -0.13 0.00	18.42 -0.40 0.00	21.27 -0.40 0.00	24.80 -0.32 0.00	27.59 -0.06 0.00	22.53 0.25 0.00	20.26 0.25 0.00	16.53 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	16.90 0.84 0.00	18.24 0.88 0.00	17.04 0.81 0.00	16.17 0.74 0.00	17.78 0.80 0.00	16.93 0.76 0.00	13.96 0.75 0.00	16.51 0.88 0.00	17.53 0.91 0.00	17.39 0.91 0.00	17.67 0.95 0.00	16.67 0.90 0.00	15.81 0.83 0.00	15.99 0.87 0.00	17.15 0.97 0.00	18.75 1.00 0.00	19.71 1.03 0.00	19.83 1.01 0.00	22.81 1.14 0.00	26.49 1.37 0.00	29.23 1.47 -0.11	23.60 1.26 -0.06	21.17 1.16 0.00	17.09 0.88 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	16.83 0.77 0.00	18.18 0.82 0.00	16.99 0.76 0.00	16.12 0.69 0.00	17.73 0.75 0.00	16.88 0.71 0.00	13.90 0.69 0.00	16.45 0.82 0.00	17.46 0.84 0.00	17.32 0.84 0.00	17.59 0.87 0.00	16.58 0.81 0.00	15.71 0.74 0.00	15.90 0.78 0.00	17.04 0.87 0.00	18.67 0.92 0.00	19.65 0.97 0.00	19.80 0.98 0.00	22.79 1.12 0.00	26.46 1.33 0.00	29.17 1.44 -0.08	23.55 1.22 -0.05	21.11 1.10 0.00	17.04 0.83 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	16.89 0.83 0.00	18.23 0.87 0.00	17.04 0.80 0.00	16.17 0.73 0.00	17.75 0.77 0.00	16.90 0.74 0.00	13.95 0.74 0.00	16.49 0.86 0.00	17.50 0.87 0.00	17.39 0.91 0.00	17.68 0.96 0.00	16.77 1.01 0.00	15.96 0.99 0.00	16.07 0.95 0.00	17.25 1.08 0.00	18.77 1.02 0.00	19.71 1.03 0.00	19.84 1.03 0.00	22.83 1.16 0.00	26.50 1.38 0.00	29.21 1.46 -0.11	23.62 1.28 -0.06	21.17 1.16 0.00	17.09 0.89 0.00
E179THST_13_KV_LOAD 356214	16.96 0.90 0.00	18.30 0.94 0.00	17.10 0.87 0.00	16.22 0.79 0.00	17.81 0.83 0.00	16.96 0.79 0.00	14.01 0.79 0.00	16.55 0.92 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.75 1.03 0.00	16.85 1.08 0.00	16.04 1.07 0.00	16.15 1.03 0.00	17.33 1.16 0.00	18.85 1.11 0.00	19.79 1.11 0.00	19.93 1.11 0.00	22.94 1.27 0.00	26.62 1.50 0.00	29.35 1.59 -0.11	23.73 1.38 -0.06	21.26 1.25 0.00	17.16 0.96 0.00



EAST HAMPTON___GT 23717	18.05 1.99 0.00	19.46 2.10 0.00	18.16 1.92 0.00	17.22 1.78 0.00	18.96 1.98 0.00	18.07 1.91 0.00	15.00 1.79 0.00	17.71 2.08 0.00	18.88 2.26 0.00	18.59 2.11 0.00	19.44 2.37 -0.35	18.53 2.24 -0.52	17.44 1.98 -0.48	17.46 1.96 -0.39	17.71 2.19 0.65	20.21 2.35 -0.12	21.10 2.42 0.00	22.95 2.37 -1.75	24.33 2.65 0.00	28.13 3.00 0.00	31.17 3.42 -0.11	26.67 3.03 -1.37	23.29 2.76 -0.52	18.38 2.18 0.00
EAST RIVER___6 23660	16.99 0.93 0.00	18.34 0.99 0.00	17.13 0.90 0.00	16.27 0.83 0.00	17.87 0.90 0.00	17.00 0.84 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.51 1.03 0.00	17.80 1.08 0.00	16.80 1.03 0.00	15.94 0.97 0.00	16.12 1.00 0.00	17.29 1.12 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.96 1.29 0.00	26.66 1.53 0.00	29.38 1.62 -0.11	23.74 1.39 -0.06	21.32 1.32 0.00	17.21 1.01 0.00
EAST RIVER___7 23524	16.99 0.93 0.00	18.34 0.99 0.00	17.13 0.90 0.00	16.27 0.83 0.00	17.87 0.90 0.00	17.00 0.84 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.51 1.03 0.00	17.80 1.08 0.00	16.80 1.03 0.00	15.94 0.97 0.00	16.12 1.00 0.00	17.29 1.12 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.96 1.29 0.00	26.66 1.53 0.00	29.38 1.62 -0.11	23.74 1.39 -0.06	21.32 1.32 0.00	17.21 1.01 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	16.87 0.80 0.00	18.21 0.85 0.00	17.01 0.78 0.00	16.15 0.71 0.00	17.76 0.78 0.00	16.90 0.73 0.00	13.93 0.72 0.00	16.48 0.85 0.00	17.49 0.87 0.00	17.36 0.88 0.00	17.64 0.93 0.00	16.64 0.87 0.00	15.78 0.80 0.00	15.96 0.84 0.00	17.11 0.94 0.00	18.72 0.97 0.00	19.68 1.01 0.00	19.81 0.99 0.00	22.78 1.11 0.00	26.46 1.33 0.00	29.19 1.44 -0.11	23.57 1.23 -0.06	21.15 1.14 0.00	17.06 0.86 0.00
EAST_HAMPTON___DIESEL 23722	18.05 1.99 0.00	19.46 2.10 0.00	18.16 1.93 0.00	17.22 1.78 0.00	18.96 1.98 0.00	18.07 1.91 0.00	15.00 1.79 0.00	17.72 2.08 0.00	18.88 2.26 0.00	18.60 2.11 0.00	19.44 2.38 -0.35	18.53 2.24 -0.52	17.44 1.98 -0.48	17.47 1.96 -0.39	17.71 2.19 0.65	20.21 2.35 -0.12	21.10 2.42 0.00	22.95 2.38 -1.75	24.33 2.65 0.00	28.13 3.00 0.00	31.18 3.42 -0.11	26.68 3.03 -1.37	23.29 2.76 -0.52	18.38 2.18 0.00
EAST_PULASKI___ESR 323781	15.87 -0.20 0.00	17.10 -0.25 0.00	15.98 -0.26 0.00	15.20 -0.23 0.00	16.74 -0.24 0.00	15.94 -0.23 0.00	13.04 -0.17 0.00	15.46 -0.17 0.00	16.48 -0.15 0.00	16.33 -0.16 0.00	16.52 -0.20 0.00	15.57 -0.20 0.00	14.78 -0.20 0.00	14.89 -0.23 0.00	15.91 -0.26 0.00	17.45 -0.30 0.00	18.46 -0.21 0.00	18.66 -0.17 0.00	21.52 -0.15 0.00	24.94 -0.19 0.00	27.46 -0.19 0.00	22.17 -0.11 0.00	19.91 -0.10 0.00	16.13 -0.08 0.00
EAST_RIVER___1 323558	16.96 0.90 0.00	18.30 0.94 0.00	17.10 0.87 0.00	16.23 0.79 0.00	17.85 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.58 0.94 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.76 1.04 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.81 1.13 0.00	19.93 1.11 0.00	22.91 1.23 0.00	26.62 1.49 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.28 1.27 0.00	17.17 0.96 0.00
EAST_RIVER___2 323559	16.99 0.93 0.00	18.34 0.99 0.00	17.13 0.90 0.00	16.27 0.83 0.00	17.87 0.90 0.00	17.00 0.84 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.51 1.03 0.00	17.80 1.08 0.00	16.80 1.03 0.00	15.94 0.97 0.00	16.12 1.00 0.00	17.29 1.12 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.96 1.29 0.00	26.66 1.53 0.00	29.38 1.62 -0.11	23.74 1.39 -0.06	21.32 1.32 0.00	17.21 1.01 0.00
EAST___DELAWARE_HYD 23607	17.08 1.02 0.00	18.44 1.08 0.00	17.22 0.99 0.00	16.34 0.91 0.00	17.98 1.00 0.00	17.11 0.95 0.00	14.10 0.88 0.00	16.70 1.07 0.00	17.74 1.11 0.00	17.60 1.12 0.00	17.79 1.07 0.00	16.74 0.98 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.23 1.05 0.00	18.92 1.17 0.00	19.95 1.27 0.00	20.14 1.32 0.00	23.26 1.58 0.00	26.96 1.84 0.00	29.75 2.04 -0.05	24.01 1.70 -0.03	21.52 1.51 0.00	17.31 1.10 0.00
EIGHT_POINT___WT_PWR 323820	16.03 -0.03 0.00	17.31 -0.05 0.00	15.97 -0.26 0.00	15.12 -0.31 0.00	16.80 -0.18 0.00	15.90 -0.27 0.00	12.96 -0.25 0.00	15.27 -0.37 0.00	16.27 -0.35 0.00	16.24 -0.24 0.00	16.50 -0.21 0.00	15.42 -0.35 0.00	14.65 -0.33 0.00	14.62 -0.50 0.00	15.59 -0.59 0.00	17.18 -0.57 0.00	18.45 -0.23 0.00	18.52 -0.30 0.00	21.50 -0.17 0.00	24.98 -0.15 0.00	27.67 0.02 0.00	22.55 0.27 0.00	20.39 0.38 0.00	16.66 0.46 0.00
ELBRIDGE_115KV_TB2 80188	16.15 0.09 0.00	17.41 0.05 0.00	16.24 0.01 0.00	15.43 -0.01 0.00	16.99 0.01 0.00	16.17 0.00 0.00	13.27 0.06 0.00	15.69 0.06 0.00	16.73 0.11 0.00	16.61 0.13 0.00	16.80 0.09 0.00	15.84 0.08 0.00	15.06 0.08 0.00	15.17 0.05 0.00	16.20 0.02 0.00	17.78 0.03 0.00	18.77 0.09 0.00	18.92 0.09 0.00	21.76 0.09 0.00	25.29 0.16 0.00	27.88 0.23 0.00	22.47 0.19 0.00	20.17 0.16 0.00	16.36 0.16 0.00
ELEC_TRO_TEK 24086	17.06 0.99 -0.01	18.41 1.05 0.00	17.18 0.95 0.00	16.30 0.86 0.00	17.94 0.96 0.00	17.08 0.91 0.00	14.12 0.91 0.00	16.67 1.03 0.00	17.72 1.09 0.00	17.51 1.03 0.00	20.74 1.23 -2.80	21.85 1.20 -4.89	23.68 1.11 -7.60	20.77 1.10 -4.56	20.46 1.23 -3.06	22.35 1.27 -3.33	19.89 1.20 -0.01	19.93 1.11 0.00	22.90 1.23 0.00	26.55 1.43 0.00	29.41 1.64 -0.12	37.18 1.55 -13.35	25.63 1.44 -4.18	17.32 1.10 -0.02
ELLENBURG_WT_PWR 323604	16.47 0.41 0.00	17.73 0.37 0.00	16.57 0.33 0.00	15.76 0.32 0.00	17.35 0.37 0.00	16.54 0.37 0.00	13.42 0.21 0.00	15.85 0.22 0.00	16.85 0.22 0.00	16.71 0.23 0.00	16.91 0.20 0.00	16.02 0.25 0.00	15.32 0.34 0.00	15.50 0.38 0.00	16.56 0.39 0.00	18.18 0.44 0.00	19.03 0.35 0.00	19.21 0.39 0.00	22.14 0.48 0.00	25.61 0.49 0.00	28.13 0.48 0.00	22.68 0.40 0.00	20.35 0.34 0.00	16.54 0.33 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	15.70 -0.36 0.00	16.92 -0.44 0.00	15.78 -0.46 0.00	15.00 -0.43 0.00	16.55 -0.43 0.00	15.81 -0.35 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.40 -0.22 0.00	16.34 -0.14 0.00	16.48 -0.23 0.00	15.55 -0.22 0.00	14.84 -0.13 0.00	14.86 -0.26 0.00	15.72 -0.46 0.00	17.11 -0.64 0.00	18.27 -0.41 0.00	18.13 -0.69 0.00	20.93 -0.75 0.00	24.40 -0.73 0.00	27.13 -0.52 0.00	22.18 -0.10 0.00	19.96 -0.05 0.00	16.30 0.09 0.00
EMPIRE_CC_1 323656	16.43 0.37 0.00	17.81 0.44 0.00	16.68 0.44 0.00	15.86 0.42 0.00	17.45 0.47 0.00	16.62 0.45 0.00	13.60 0.39 0.00	16.12 0.48 0.00	17.10 0.47 0.00	16.92 0.43 0.00	17.17 0.45 0.00	16.21 0.44 0.00	15.38 0.40 0.00	15.57 0.45 0.00	16.69 0.52 0.00	18.30 0.55 0.00	19.26 0.58 0.00	19.46 0.64 0.00	22.38 0.71 0.00	25.91 0.79 0.00	28.25 0.84 0.24	22.82 0.68 0.14	20.61 0.60 0.00	16.64 0.44 0.00



EMPIRE_CC_2 323658	16.43 0.37 0.00	17.81 0.44 0.00	16.68 0.44 0.00	15.86 0.42 0.00	17.45 0.47 0.00	16.62 0.45 0.00	13.60 0.39 0.00	16.12 0.48 0.00	17.10 0.47 0.00	16.92 0.43 0.00	17.17 0.45 0.00	16.21 0.44 0.00	15.38 0.40 0.00	15.57 0.45 0.00	16.69 0.52 0.00	18.30 0.55 0.00	19.26 0.58 0.00	19.46 0.64 0.00	22.38 0.71 0.00	25.91 0.79 0.00	28.25 0.84 0.24	22.82 0.68 0.14	20.61 0.60 0.00	16.64 0.44 0.00
ENORWICH_115KV_TB1 80156	17.09 1.03 0.00	18.38 1.02 0.00	17.14 0.91 0.00	16.27 0.83 0.00	17.96 0.98 0.00	17.13 0.97 0.00	14.10 0.89 0.00	16.76 1.13 0.00	17.89 1.27 0.00	17.68 1.20 0.00	17.89 1.18 0.00	16.76 0.99 0.00	15.81 0.83 0.00	15.88 0.77 0.00	16.82 0.65 0.00	18.65 0.90 0.00	19.92 1.25 0.00	20.21 1.39 0.00	23.41 1.74 0.00	27.18 2.06 0.00	30.01 2.37 0.00	24.14 1.86 0.00	21.57 1.56 0.00	17.44 1.23 0.00
ERIE_ST__34_KV_TB1-2 80199	16.00 -0.06 0.00	17.23 -0.14 0.00	16.06 -0.18 0.00	15.27 -0.17 0.00	16.84 -0.14 0.00	16.09 -0.08 0.00	13.20 -0.01 0.00	15.59 -0.04 0.00	16.71 0.09 0.00	16.65 0.17 0.00	16.80 0.09 0.00	15.85 0.08 0.00	15.13 0.15 0.00	15.15 0.03 0.00	16.04 -0.13 0.00	17.46 -0.28 0.00	18.64 -0.04 0.00	18.52 -0.30 0.00	21.37 -0.30 0.00	24.94 -0.18 0.00	27.72 0.07 0.00	22.63 0.35 0.00	20.35 0.34 0.00	16.61 0.40 0.00
ERIE_WT_PWR 323693	15.80 -0.25 0.00	17.03 -0.33 0.00	15.87 -0.36 0.00	15.09 -0.34 0.00	16.65 -0.33 0.00	15.92 -0.24 0.00	13.05 -0.16 0.00	15.39 -0.24 0.00	16.51 -0.11 0.00	16.44 -0.04 0.00	16.59 -0.12 0.00	15.65 -0.12 0.00	14.93 -0.04 0.00	14.96 -0.16 0.00	15.83 -0.34 0.00	17.25 -0.50 0.00	18.41 -0.27 0.00	18.26 -0.56 0.00	21.10 -0.57 0.00	24.61 -0.51 0.00	27.37 -0.28 0.00	22.35 0.07 0.00	20.11 0.10 0.00	16.42 0.21 0.00
ESPRGFLD_115KV_TB1 80157	16.75 0.69 0.00	18.11 0.75 0.00	16.93 0.70 0.00	16.07 0.64 0.00	17.69 0.71 0.00	16.84 0.67 0.00	13.82 0.61 0.00	16.38 0.75 0.00	17.45 0.83 0.00	17.32 0.84 0.00	17.57 0.85 0.00	16.55 0.78 0.00	15.67 0.69 0.00	15.81 0.69 0.00	16.89 0.72 0.00	18.55 0.80 0.00	19.58 0.90 0.00	19.79 0.97 0.00	22.80 1.13 0.00	26.44 1.32 0.00	29.13 1.48 0.00	23.47 1.20 0.00	21.04 1.03 0.00	17.00 0.79 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	16.45 0.39 0.00	17.74 0.38 0.00	16.54 0.31 0.00	15.71 0.27 0.00	17.31 0.33 0.00	16.48 0.31 0.00	13.53 0.32 0.00	16.02 0.39 0.00	17.09 0.47 0.00	16.94 0.46 0.00	17.14 0.42 0.00	16.11 0.34 0.00	15.30 0.32 0.00	15.41 0.29 0.00	16.45 0.28 0.00	18.09 0.34 0.00	19.16 0.49 0.00	19.33 0.51 0.00	22.30 0.63 0.00	25.91 0.78 0.00	28.57 0.92 0.00	23.02 0.74 0.00	20.66 0.64 0.00	16.74 0.53 0.00
ETNA_____115KV_TB2 80207	16.45 0.39 0.00	17.74 0.38 0.00	16.54 0.31 0.00	15.71 0.27 0.00	17.31 0.33 0.00	16.48 0.31 0.00	13.53 0.32 0.00	16.02 0.39 0.00	17.09 0.47 0.00	16.94 0.46 0.00	17.14 0.42 0.00	16.11 0.34 0.00	15.30 0.32 0.00	15.41 0.29 0.00	16.45 0.28 0.00	18.09 0.34 0.00	19.16 0.49 0.00	19.33 0.51 0.00	22.30 0.63 0.00	25.91 0.78 0.00	28.57 0.92 0.00	23.02 0.74 0.00	20.66 0.64 0.00	16.74 0.53 0.00
EUCLID__115KV_TB2 356179	15.94 -0.12 0.00	17.20 -0.15 0.00	16.07 -0.17 0.00	15.26 -0.17 0.00	16.80 -0.17 0.00	16.00 -0.17 0.00	13.09 -0.12 0.00	15.49 -0.15 0.00	16.50 -0.12 0.00	16.37 -0.11 0.00	16.59 -0.12 0.00	15.65 -0.12 0.00	14.86 -0.12 0.00	14.98 -0.14 0.00	16.01 -0.17 0.00	17.54 -0.21 0.00	18.51 -0.17 0.00	18.64 -0.18 0.00	21.47 -0.20 0.00	24.90 -0.22 0.00	27.44 -0.21 0.00	22.14 -0.14 0.00	19.88 -0.13 0.00	16.14 -0.06 0.00
E_CANADA_CAP_HY 24051	16.71 0.65 0.00	18.05 0.69 0.00	16.83 0.60 0.00	16.02 0.58 0.00	17.64 0.66 0.00	16.76 0.59 0.00	13.69 0.48 0.00	16.20 0.56 0.00	17.27 0.65 0.00	17.13 0.65 0.00	17.33 0.61 0.00	16.33 0.56 0.00	15.45 0.47 0.00	15.62 0.50 0.00	16.63 0.46 0.00	18.23 0.48 0.00	19.29 0.61 0.00	19.53 0.71 0.00	22.52 0.85 0.00	26.11 0.99 0.00	28.70 1.14 0.09	23.18 0.96 0.05	20.90 0.89 0.00	16.94 0.73 0.00
E_CANADA_MHWK_HY 24050	16.34 0.28 0.00	17.65 0.30 0.00	16.51 0.28 0.00	15.67 0.23 0.00	17.25 0.27 0.00	16.37 0.20 0.00	13.48 0.27 0.00	16.02 0.38 0.00	16.99 0.37 0.00	16.53 0.05 0.00	16.86 0.15 0.00	15.89 0.12 0.00	15.01 0.04 0.00	15.15 0.03 0.00	16.31 0.14 0.00	18.02 0.27 0.00	19.04 0.36 0.00	19.38 0.56 0.00	22.42 0.74 0.00	25.99 0.86 0.00	28.53 0.87 0.00	22.91 0.63 0.00	20.51 0.50 0.00	16.54 0.33 0.00
E_FISHKILL__LBMP 23776	16.75 0.68 0.00	18.09 0.73 0.00	16.92 0.68 0.00	16.06 0.63 0.00	17.67 0.69 0.00	16.81 0.65 0.00	13.84 0.63 0.00	16.38 0.74 0.00	17.38 0.76 0.00	17.24 0.76 0.00	17.51 0.80 0.00	16.52 0.75 0.00	15.67 0.69 0.00	15.84 0.72 0.00	16.99 0.81 0.00	18.59 0.84 0.00	19.54 0.86 0.00	19.68 0.86 0.00	22.64 0.96 0.00	26.27 1.14 0.00	28.99 1.23 -0.11	23.40 1.05 -0.07	20.99 0.98 0.00	16.95 0.74 0.00
FALCON__SEABRD_CC1 323796	16.66 0.60 0.00	17.93 0.57 0.00	16.77 0.54 0.00	15.94 0.51 0.00	17.56 0.58 0.00	16.74 0.58 0.00	13.59 0.38 0.00	16.05 0.42 0.00	17.05 0.43 0.00	16.90 0.42 0.00	17.09 0.38 0.00	16.20 0.43 0.00	15.50 0.52 0.00	15.71 0.59 0.00	16.77 0.60 0.00	18.40 0.66 0.00	19.28 0.60 0.00	19.47 0.65 0.00	22.43 0.76 0.00	25.94 0.81 0.00	28.46 0.81 0.00	22.93 0.65 0.00	20.55 0.54 0.00	16.74 0.53 0.00
FALCON__SEABRD_CC2 323797	16.66 0.60 0.00	17.93 0.57 0.00	16.77 0.54 0.00	15.94 0.51 0.00	17.56 0.58 0.00	16.74 0.58 0.00	13.59 0.38 0.00	16.05 0.42 0.00	17.05 0.43 0.00	16.90 0.42 0.00	17.09 0.38 0.00	16.20 0.43 0.00	15.50 0.52 0.00	15.71 0.59 0.00	16.77 0.60 0.00	18.40 0.66 0.00	19.28 0.60 0.00	19.47 0.65 0.00	22.43 0.76 0.00	25.94 0.81 0.00	28.46 0.81 0.00	22.93 0.65 0.00	20.55 0.54 0.00	16.74 0.53 0.00
FAR ROCKAWAY__4 23548	17.25 1.18 -0.02	18.60 1.24 0.00	17.36 1.13 0.00	16.46 1.03 0.00	18.12 1.14 0.00	17.26 1.09 0.00	14.27 1.06 0.00	16.84 1.21 0.00	17.89 1.27 0.00	17.69 1.20 0.00	23.61 1.45 -5.45	26.88 1.39 -9.72	32.15 1.31 -15.87	25.69 1.28 -9.30	25.96 1.44 -8.35	26.43 1.51 -7.18	20.15 1.44 -0.03	20.18 1.36 0.00	23.19 1.52 0.00	26.89 1.77 0.00	29.82 2.03 -0.13	50.79 1.79 -26.72	29.86 1.72 -8.14	17.57 1.31 -0.06
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	16.96 0.90 0.00	18.30 0.94 0.00	17.10 0.86 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.96 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.23 1.06 0.00	18.84 1.09 0.00	19.81 1.13 0.00	19.92 1.10 0.00	22.91 1.24 0.00	26.62 1.49 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.27 1.26 0.00	17.17 0.96 0.00



FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.87 0.00	16.24 0.80 0.00	17.85 0.87 0.00	16.98 0.82 0.00	14.03 0.82 0.00	16.58 0.95 0.00	17.60 0.98 0.00	17.48 1.00 0.00	17.76 1.05 0.00	16.76 0.99 0.00	15.90 0.93 0.00	16.08 0.96 0.00	17.25 1.07 0.00	18.85 1.10 0.00	19.82 1.14 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.64 1.52 0.00	29.37 1.62 -0.11	23.72 1.37 -0.06	21.29 1.28 0.00	17.18 0.97 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	16.96 0.90 0.00	18.30 0.94 0.00	17.10 0.86 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.96 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.75 0.98 0.00	15.89 0.92 0.00	16.07 0.95 0.00	17.23 1.06 0.00	18.83 1.08 0.00	19.81 1.13 0.00	19.91 1.09 0.00	22.90 1.23 0.00	26.61 1.49 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.27 1.26 0.00	17.17 0.96 0.00
FARRAGUT___LBMP 323566	16.95 0.88 0.00	18.29 0.93 0.00	17.09 0.85 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.96 0.79 0.00	14.01 0.80 0.00	16.56 0.92 0.00	17.58 0.96 0.00	17.46 0.97 0.00	17.73 1.02 0.00	16.73 0.97 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.82 1.07 0.00	19.79 1.11 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.59 1.47 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.26 1.25 0.00	17.15 0.95 0.00
FENNER___WINDPWR 24204	16.34 0.28 0.00	17.64 0.28 0.00	16.47 0.24 0.00	15.66 0.22 0.00	17.25 0.27 0.00	16.42 0.26 0.00	13.46 0.25 0.00	15.97 0.33 0.00	17.01 0.39 0.00	16.83 0.35 0.00	17.04 0.32 0.00	16.04 0.27 0.00	15.22 0.24 0.00	15.32 0.20 0.00	16.41 0.24 0.00	18.02 0.28 0.00	19.08 0.40 0.00	19.25 0.43 0.00	22.21 0.54 0.00	25.78 0.66 0.00	28.38 0.73 0.00	22.86 0.58 0.00	20.50 0.49 0.00	16.60 0.39 0.00
FIBERTEK___ENERGY 23856	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
FITZPATRICK____ 23598	15.69 -0.38 0.00	16.94 -0.42 0.00	15.83 -0.41 0.00	15.04 -0.40 0.00	16.55 -0.43 0.00	15.76 -0.41 0.00	12.88 -0.33 0.00	15.23 -0.41 0.00	16.22 -0.40 0.00	16.08 -0.40 0.00	16.30 -0.41 0.00	15.38 -0.39 0.00	14.61 -0.37 0.00	14.73 -0.39 0.00	15.73 -0.44 0.00	17.24 -0.51 0.00	18.17 -0.51 0.00	18.30 -0.52 0.00	21.07 -0.60 0.00	24.44 -0.69 0.00	26.92 -0.73 0.00	21.72 -0.57 0.00	19.50 -0.51 0.00	15.85 -0.36 0.00
FLOWRFLD_69_KV_BK1 356044	17.38 1.32 0.00	18.76 1.40 0.00	17.51 1.28 0.00	16.60 1.16 0.00	18.27 1.29 0.00	17.40 1.24 0.00	14.43 1.22 0.00	17.03 1.39 0.00	18.12 1.49 0.00	17.81 1.33 0.00	18.66 1.58 -0.37	17.80 1.48 -0.55	16.86 1.35 -0.53	16.88 1.35 -0.41	17.08 1.53 0.63	19.50 1.61 -0.14	20.23 1.54 -0.01	22.67 1.38 -2.47	23.11 1.45 0.00	26.75 1.62 0.00	29.68 1.93 -0.11	25.65 1.92 -1.45	22.40 1.85 -0.55	17.67 1.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	16.94 0.88 0.00	18.29 0.93 0.00	17.10 0.87 0.00	16.23 0.79 0.00	17.85 0.87 0.00	16.99 0.83 0.00	14.00 0.79 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.71 0.94 0.00	15.83 0.86 0.00	16.03 0.90 0.00	17.19 1.02 0.00	18.83 1.08 0.00	19.80 1.12 0.00	19.96 1.14 0.00	22.97 1.30 0.00	26.66 1.54 0.00	29.39 1.66 -0.08	23.71 1.38 -0.05	21.26 1.25 0.00	17.16 0.95 0.00
FORT ORANGE____ 23900	16.33 0.27 0.00	17.68 0.32 0.00	16.56 0.32 0.00	15.74 0.30 0.00	17.32 0.34 0.00	16.49 0.32 0.00	13.51 0.30 0.00	16.01 0.37 0.00	16.99 0.37 0.00	16.80 0.32 0.00	17.01 0.29 0.00	16.08 0.31 0.00	15.27 0.30 0.00	15.45 0.33 0.00	16.58 0.40 0.00	18.17 0.42 0.00	19.15 0.47 0.00	19.36 0.54 0.00	22.30 0.63 0.00	25.82 0.70 0.00	28.28 0.74 0.10	22.80 0.58 0.06	20.50 0.49 0.00	16.55 0.34 0.00
FORT_DRUM_COGEN 23780	15.93 -0.13 0.00	17.15 -0.20 0.00	16.02 -0.21 0.00	15.33 -0.11 0.00	16.88 -0.10 0.00	16.08 -0.08 0.00	13.17 -0.04 0.00	15.70 0.07 0.00	16.74 0.11 0.00	16.53 0.05 0.00	16.65 -0.06 0.00	15.66 -0.10 0.00	14.85 -0.13 0.00	14.92 -0.20 0.00	15.98 -0.19 0.00	17.66 -0.09 0.00	18.81 0.13 0.00	19.10 0.28 0.00	22.12 0.45 0.00	25.57 0.44 0.00	28.14 0.49 0.00	22.70 0.42 0.00	20.35 0.34 0.00	16.38 0.17 0.00
FPL_FAR_ROCK_GT1 24212	17.25 1.18 -0.02	18.60 1.24 0.00	17.36 1.13 0.00	16.46 1.03 0.00	18.12 1.14 0.00	17.26 1.09 0.00	14.27 1.06 0.00	16.84 1.21 0.00	17.89 1.27 0.00	17.69 1.20 0.00	23.61 1.45 -5.45	26.88 1.39 -9.72	32.15 1.31 -15.87	25.69 1.28 -9.30	25.96 1.44 -8.35	26.43 1.51 -7.18	20.15 1.44 -0.03	20.18 1.36 0.00	23.19 1.52 0.00	26.89 1.77 0.00	29.81 2.03 -0.13	50.79 1.79 -26.72	29.86 1.72 -8.14	17.57 1.31 -0.06
FPL_FAR_ROCK_GT2 23815	17.25 1.18 -0.02	18.60 1.24 0.00	17.36 1.13 0.00	16.46 1.03 0.00	18.12 1.14 0.00	17.26 1.09 0.00	14.27 1.06 0.00	16.84 1.21 0.00	17.89 1.27 0.00	17.69 1.20 0.00	23.61 1.45 -5.45	26.88 1.39 -9.72	32.15 1.31 -15.87	25.69 1.28 -9.30	25.96 1.44 -8.35	26.43 1.51 -7.18	20.15 1.44 -0.03	20.18 1.36 0.00	23.19 1.52 0.00	26.89 1.77 0.00	29.81 2.03 -0.13	50.79 1.79 -26.72	29.86 1.72 -8.14	17.57 1.31 -0.06
FRANKLIN_FALL_HYD 24054	16.48 0.42 0.00	17.75 0.39 0.00	16.58 0.34 0.00	15.78 0.34 0.00	17.37 0.39 0.00	16.55 0.39 0.00	13.45 0.24 0.00	15.92 0.28 0.00	16.92 0.29 0.00	16.78 0.30 0.00	17.00 0.28 0.00	16.06 0.30 0.00	15.32 0.34 0.00	15.46 0.34 0.00	16.54 0.36 0.00	18.19 0.44 0.00	19.04 0.37 0.00	19.21 0.39 0.00	22.17 0.50 0.00	25.66 0.53 0.00	28.22 0.57 0.00	22.77 0.48 0.00	20.43 0.42 0.00	16.56 0.36 0.00
FREEPORT_EQUS_GT1 23764	17.16 1.09 -0.01	18.51 1.14 0.00	17.28 1.04 0.00	16.38 0.95 0.00	18.04 1.06 0.00	17.17 1.00 0.00	14.21 0.99 0.00	16.76 1.13 0.00	17.82 1.20 0.00	17.58 1.10 0.00	20.31 1.34 -2.26	21.00 1.28 -3.95	22.34 1.19 -6.17	19.99 1.18 -3.69	20.07 1.32 -2.57	21.84 1.38 -2.72	20.00 1.32 -0.01	20.04 1.23 0.00	23.03 1.36 0.00	26.70 1.58 0.00	29.58 1.82 -0.12	34.79 1.70 -10.81	24.95 1.58 -3.37	17.43 1.20 -0.02
FREEPORT___CT2 23818	17.16 1.09 -0.01	18.51 1.14 0.00	17.28 1.04 0.00	16.38 0.95 0.00	18.04 1.06 0.00	17.17 1.00 0.00	14.21 0.99 0.00	16.76 1.13 0.00	17.82 1.20 0.00	17.58 1.10 0.00	20.31 1.34 -2.26	21.00 1.28 -3.95	22.34 1.19 -6.17	19.99 1.18 -3.69	20.07 1.32 -2.57	21.84 1.38 -2.72	20.00 1.32 -0.01	20.04 1.23 0.00	23.03 1.36 0.00	26.70 1.58 0.00	29.58 1.82 -0.12	34.79 1.70 -10.81	24.95 1.58 -3.37	17.43 1.20 -0.02



FRESHKLS_33_KV_LOAD 356253	17.06 1.00 0.00	18.42 1.06 0.00	17.22 0.98 0.00	16.33 0.90 0.00	17.95 0.97 0.00	17.08 0.91 0.00	14.09 0.88 0.00	16.67 1.03 0.00	17.67 1.05 0.00	17.54 1.06 0.00	17.80 1.09 0.00	16.77 1.00 0.00	15.89 0.91 0.00	16.08 0.96 0.00	17.26 1.08 0.00	18.88 1.13 0.00	19.86 1.18 0.00	19.97 1.15 0.00	22.98 1.31 0.00	26.68 1.55 0.00	29.38 1.63 -0.11	23.84 1.49 -0.07	21.36 1.36 0.00	17.26 1.05 0.00
FULTON COGEN____ 23766	15.91 -0.15 0.00	17.18 -0.18 0.00	16.04 -0.19 0.00	15.25 -0.19 0.00	16.77 -0.21 0.00	15.97 -0.19 0.00	13.07 -0.14 0.00	15.46 -0.18 0.00	16.46 -0.16 0.00	16.33 -0.15 0.00	16.57 -0.14 0.00	15.62 -0.14 0.00	14.83 -0.14 0.00	14.96 -0.16 0.00	15.99 -0.19 0.00	17.51 -0.24 0.00	18.48 -0.20 0.00	18.62 -0.20 0.00	21.44 -0.22 0.00	24.86 -0.26 0.00	27.38 -0.26 0.00	22.10 -0.18 0.00	19.83 -0.18 0.00	16.11 -0.10 0.00
FULTON____LFGE 323630	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.28 0.84 0.00	17.91 0.93 0.00	17.06 0.89 0.00	13.95 0.74 0.00	16.62 0.98 0.00	17.46 0.84 0.00	16.48 0.00 0.00	17.25 0.53 0.00	16.09 0.32 0.00	15.17 0.19 0.00	15.70 0.57 0.00	16.66 0.49 0.00	18.82 1.07 0.00	19.63 0.94 0.00	20.54 1.72 0.00	23.33 1.66 0.00	26.95 1.82 0.00	29.50 1.93 0.09	23.77 1.55 0.05	21.32 1.31 0.00	17.19 0.98 0.00
G.F.CEMENT____DRP 24184	16.72 0.66 0.00	18.08 0.71 0.00	16.94 0.70 0.00	16.12 0.68 0.00	17.75 0.77 0.00	16.94 0.78 0.00	13.87 0.66 0.00	16.48 0.85 0.00	17.54 0.91 0.00	17.24 0.76 0.00	17.49 0.77 0.00	16.55 0.78 0.00	15.72 0.75 0.00	15.93 0.81 0.00	17.10 0.92 0.00	18.79 1.04 0.00	19.81 1.13 0.00	20.09 1.26 0.00	23.12 1.45 0.00	26.76 1.64 0.00	29.23 1.69 0.10	23.51 1.30 0.06	21.04 1.03 0.00	16.95 0.75 0.00
GARDENVILLE____LBMP 24039	15.76 -0.30 0.00	16.98 -0.38 0.00	15.83 -0.40 0.00	15.05 -0.39 0.00	16.60 -0.38 0.00	15.87 -0.30 0.00	13.00 -0.21 0.00	15.36 -0.27 0.00	16.46 -0.16 0.00	16.39 -0.09 0.00	16.54 -0.17 0.00	15.60 -0.16 0.00	14.89 -0.09 0.00	14.91 -0.21 0.00	15.78 -0.40 0.00	17.19 -0.56 0.00	18.35 -0.33 0.00	18.22 -0.60 0.00	21.02 -0.65 0.00	24.52 -0.60 0.00	27.27 -0.39 0.00	22.28 0.00 0.00	20.05 0.04 0.00	16.37 0.16 0.00
GARDNVLA_35_KV_LD 355827	15.81 -0.25 0.00	17.03 -0.33 0.00	15.89 -0.35 0.00	15.10 -0.34 0.00	16.66 -0.32 0.00	15.92 -0.24 0.00	13.05 -0.16 0.00	15.42 -0.21 0.00	16.52 -0.10 0.00	16.46 -0.02 0.00	16.61 -0.10 0.00	15.67 -0.10 0.00	14.95 -0.03 0.00	14.98 -0.14 0.00	15.85 -0.33 0.00	17.26 -0.49 0.00	18.42 -0.25 0.00	18.29 -0.53 0.00	21.11 -0.56 0.00	24.63 -0.50 0.00	27.39 -0.27 0.00	22.38 0.10 0.00	20.13 0.12 0.00	16.44 0.23 0.00
GELCKHM__115KV_LOAD 80723	16.02 -0.04 0.00	17.29 -0.07 0.00	16.14 -0.09 0.00	15.34 -0.10 0.00	16.88 -0.10 0.00	16.07 -0.09 0.00	13.16 -0.05 0.00	15.57 -0.07 0.00	16.58 -0.04 0.00	16.46 -0.02 0.00	16.68 -0.04 0.00	15.73 -0.04 0.00	14.94 -0.04 0.00	15.06 -0.06 0.00	16.09 -0.08 0.00	17.63 -0.11 0.00	18.61 -0.07 0.00	18.75 -0.07 0.00	21.59 -0.08 0.00	25.05 -0.07 0.00	27.60 -0.05 0.00	22.26 -0.02 0.00	19.99 -0.02 0.00	16.23 0.02 0.00
GENERAL____MILLS 23808	15.80 -0.26 0.00	17.02 -0.34 0.00	15.87 -0.37 0.00	15.09 -0.35 0.00	16.64 -0.34 0.00	15.91 -0.26 0.00	13.04 -0.17 0.00	15.40 -0.23 0.00	16.51 -0.12 0.00	16.43 -0.04 0.00	16.58 -0.13 0.00	15.65 -0.12 0.00	14.93 -0.05 0.00	14.95 -0.17 0.00	15.82 -0.35 0.00	17.23 -0.52 0.00	18.39 -0.29 0.00	18.26 -0.56 0.00	21.08 -0.59 0.00	24.59 -0.53 0.00	27.34 -0.31 0.00	22.34 0.06 0.00	20.10 0.09 0.00	16.42 0.21 0.00
GE_PLASTICS____DRP 24183	16.34 0.28 0.00	17.70 0.34 0.00	16.58 0.35 0.00	15.76 0.32 0.00	17.34 0.36 0.00	16.50 0.34 0.00	13.51 0.30 0.00	16.01 0.37 0.00	16.99 0.37 0.00	16.82 0.33 0.00	17.05 0.34 0.00	16.10 0.33 0.00	15.29 0.31 0.00	15.47 0.35 0.00	16.58 0.41 0.00	18.18 0.43 0.00	19.14 0.46 0.00	19.33 0.50 0.00	22.23 0.56 0.00	25.75 0.63 0.00	28.25 0.68 0.09	22.78 0.56 0.05	20.50 0.49 0.00	16.55 0.34 0.00
GILBOA____1 23756	16.48 0.42 0.00	17.88 0.52 0.00	16.78 0.54 0.00	15.94 0.50 0.00	17.53 0.55 0.00	16.63 0.46 0.00	13.60 0.39 0.00	16.10 0.46 0.00	17.10 0.47 0.00	16.95 0.46 0.00	17.20 0.48 0.00	16.22 0.46 0.00	15.39 0.42 0.00	15.55 0.43 0.00	16.67 0.49 0.00	18.27 0.52 0.00	19.22 0.55 0.00	19.39 0.56 0.00	22.27 0.60 0.00	25.82 0.69 0.00	28.46 0.82 0.00	22.97 0.69 0.00	20.64 0.63 0.00	16.69 0.48 0.00
GILBOA____2 23757	16.48 0.42 0.00	17.88 0.52 0.00	16.78 0.54 0.00	15.94 0.50 0.00	17.53 0.55 0.00	16.63 0.46 0.00	13.60 0.39 0.00	16.10 0.46 0.00	17.10 0.47 0.00	16.95 0.46 0.00	17.20 0.48 0.00	16.22 0.46 0.00	15.39 0.42 0.00	15.55 0.43 0.00	16.67 0.49 0.00	18.27 0.52 0.00	19.22 0.55 0.00	19.39 0.56 0.00	22.27 0.60 0.00	25.82 0.69 0.00	28.46 0.82 0.00	22.97 0.69 0.00	20.64 0.63 0.00	16.69 0.48 0.00
GILBOA____3 23758	16.48 0.42 0.00	17.88 0.52 0.00	16.78 0.54 0.00	15.94 0.50 0.00	17.53 0.55 0.00	16.63 0.46 0.00	13.60 0.39 0.00	16.10 0.46 0.00	17.10 0.47 0.00	16.95 0.46 0.00	17.20 0.48 0.00	16.22 0.46 0.00	15.39 0.42 0.00	15.55 0.43 0.00	16.67 0.49 0.00	18.27 0.52 0.00	19.22 0.55 0.00	19.39 0.56 0.00	22.27 0.60 0.00	25.82 0.69 0.00	28.46 0.82 0.00	22.97 0.69 0.00	20.64 0.63 0.00	16.69 0.48 0.00
GILBOA____4 23759	16.48 0.42 0.00	17.88 0.52 0.00	16.78 0.54 0.00	15.94 0.50 0.00	17.53 0.55 0.00	16.63 0.46 0.00	13.60 0.39 0.00	16.10 0.46 0.00	17.10 0.47 0.00	16.95 0.46 0.00	17.20 0.48 0.00	16.22 0.46 0.00	15.39 0.42 0.00	15.55 0.43 0.00	16.67 0.49 0.00	18.27 0.52 0.00	19.22 0.55 0.00	19.39 0.56 0.00	22.27 0.60 0.00	25.82 0.69 0.00	28.46 0.82 0.00	22.97 0.69 0.00	20.64 0.63 0.00	16.69 0.48 0.00
GILBOA____ 23599	16.48 0.42 0.00	17.88 0.52 0.00	16.78 0.54 0.00	15.94 0.50 0.00	17.53 0.55 0.00	16.63 0.46 0.00	13.60 0.39 0.00	16.09 0.46 0.00	17.10 0.47 0.00	16.95 0.46 0.00	17.20 0.48 0.00	16.22 0.45 0.00	15.40 0.42 0.00	15.55 0.43 0.00	16.67 0.49 0.00	18.27 0.52 0.00	19.22 0.54 0.00	19.39 0.57 0.00	22.27 0.60 0.00	25.82 0.69 0.00	28.46 0.82 0.00	22.97 0.69 0.00	20.64 0.63 0.00	16.69 0.48 0.00
GINNA____ 23603	15.67 -0.39 0.00	16.78 -0.58 0.00	15.54 -0.69 0.00	14.72 -0.72 0.00	16.18 -0.80 0.00	15.34 -0.82 0.00	12.52 -0.69 0.00	14.82 -0.81 0.00	15.86 -0.77 0.00	15.74 -0.74 0.00	15.93 -0.79 0.00	15.02 -0.75 0.00	14.30 -0.67 0.00	14.42 -0.70 0.00	15.36 -0.82 0.00	16.80 -0.95 0.00	17.81 -0.87 0.00	17.88 -0.95 0.00	20.61 -1.06 0.00	23.92 -1.21 0.00	26.39 -1.26 0.00	21.34 -0.94 0.00	19.15 -0.86 0.00	15.56 -0.65 0.00



GLEN PARK____ 23778	15.98 -0.08 0.00	17.19 -0.16 0.00	16.06 -0.18 0.00	15.36 -0.08 0.00	16.92 -0.06 0.00	16.12 -0.05 0.00	13.21 -0.01 0.00	15.75 0.11 0.00	16.79 0.17 0.00	16.58 0.10 0.00	16.71 -0.01 0.00	15.71 -0.05 0.00	14.90 -0.08 0.00	14.94 -0.18 0.00	16.01 -0.17 0.00	17.70 -0.05 0.00	18.87 0.19 0.00	19.17 0.35 0.00	22.23 0.56 0.00	25.68 0.56 0.00	28.26 0.61 0.00	22.78 0.50 0.00	20.41 0.40 0.00	16.43 0.22 0.00
GLENDALE_27_KV_LOAD 356172	17.00 0.94 0.00	18.34 0.98 0.00	17.13 0.90 0.00	16.26 0.82 0.00	17.86 0.88 0.00	17.00 0.83 0.00	14.04 0.83 0.00	16.59 0.96 0.00	17.62 1.00 0.00	17.51 1.03 0.00	17.79 1.08 0.00	16.81 1.04 0.00	15.96 0.98 0.00	16.13 1.01 0.00	17.29 1.12 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.98 1.16 0.00	22.99 1.31 0.00	26.69 1.56 0.00	29.43 1.67 -0.11	23.80 1.45 -0.06	21.33 1.32 0.00	17.21 1.00 0.00
GLENWOOD_IC_1_G5 23712	17.05 0.99 0.00	18.40 1.04 0.00	17.19 0.95 0.00	16.30 0.86 0.00	17.93 0.96 0.00	17.07 0.90 0.00	14.11 0.90 0.00	16.67 1.03 0.00	17.71 1.08 0.00	17.53 1.04 0.00	19.80 1.19 -1.90	20.16 1.14 -3.25	20.85 1.06 -4.82	19.15 1.08 -2.96	18.72 1.19 -1.36	21.03 1.24 -2.05	19.90 1.21 -0.01	19.97 1.15 0.00	22.96 1.29 0.00	26.64 1.51 0.00	29.46 1.70 -0.11	32.62 1.54 -8.81	24.24 1.41 -2.83	17.29 1.08 -0.01
GLENWOOD_IC_2_G1 23688	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.88 0.00	16.24 0.80 0.00	17.86 0.88 0.00	16.99 0.83 0.00	14.04 0.82 0.00	16.59 0.96 0.00	17.62 0.99 0.00	17.45 0.97 0.00	17.85 1.08 -0.05	16.88 1.03 -0.08	16.05 0.96 -0.11	16.17 0.98 -0.07	17.26 1.09 0.00	18.92 1.13 -0.05	19.80 1.12 0.00	19.90 1.07 0.00	22.87 1.20 0.00	26.54 1.42 0.00	29.33 1.57 -0.11	23.97 1.40 -0.29	21.39 1.30 -0.08	17.20 0.99 0.00
GLENWOOD_IC_3_G1 23689	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.88 0.00	16.24 0.80 0.00	17.86 0.88 0.00	16.99 0.83 0.00	14.04 0.82 0.00	16.59 0.96 0.00	17.62 0.99 0.00	17.45 0.97 0.00	17.85 1.08 -0.05	16.88 1.03 -0.08	16.05 0.96 -0.11	16.17 0.98 -0.07	17.26 1.09 0.00	18.92 1.13 -0.05	19.80 1.12 0.00	19.90 1.07 0.00	22.87 1.20 0.00	26.54 1.42 0.00	29.33 1.57 -0.11	23.97 1.40 -0.29	21.39 1.30 -0.08	17.20 0.99 0.00
GLENWOOD____4 23550	17.05 0.99 0.00	18.40 1.04 0.00	17.19 0.95 0.00	16.30 0.86 0.00	17.93 0.96 0.00	17.07 0.90 0.00	14.11 0.90 0.00	16.67 1.03 0.00	17.71 1.08 0.00	17.53 1.04 0.00	19.80 1.19 -1.90	20.16 1.14 -3.25	20.85 1.06 -4.82	19.15 1.08 -2.96	18.72 1.19 -1.36	21.03 1.24 -2.05	19.90 1.21 -0.01	19.97 1.15 0.00	22.96 1.29 0.00	26.64 1.51 0.00	29.46 1.70 -0.11	32.62 1.54 -8.81	24.24 1.41 -2.83	17.29 1.08 -0.01
GLENWOOD____5 23614	17.05 0.99 0.00	18.40 1.04 0.00	17.19 0.95 0.00	16.30 0.86 0.00	17.93 0.96 0.00	17.07 0.90 0.00	14.11 0.90 0.00	16.67 1.03 0.00	17.71 1.08 0.00	17.53 1.04 0.00	19.80 1.19 -1.90	20.16 1.14 -3.25	20.85 1.06 -4.82	19.15 1.08 -2.96	18.72 1.19 -1.36	21.03 1.24 -2.05	19.90 1.21 -0.01	19.97 1.15 0.00	22.96 1.29 0.00	26.64 1.51 0.00	29.46 1.70 -0.11	32.62 1.54 -8.81	24.24 1.41 -2.83	17.29 1.08 -0.01
GLOBAL GREEN_PORT_GT1 23814	18.00 1.94 0.00	19.41 2.05 0.00	18.11 1.88 0.00	17.17 1.74 0.00	18.91 1.93 0.00	18.02 1.86 0.00	14.96 1.75 0.00	17.67 2.03 0.00	18.82 2.20 0.00	18.53 2.05 0.00	19.38 2.32 -0.35	18.47 2.18 -0.52	17.39 1.93 -0.48	17.42 1.92 -0.39	17.66 2.14 0.65	20.16 2.29 -0.12	21.04 2.36 0.00	22.88 2.31 -1.75	24.24 2.57 0.00	28.04 2.91 0.00	31.07 3.31 -0.11	26.60 2.96 -1.37	23.22 2.69 -0.52	18.33 2.13 0.00
GLOBE____DSASP 323697	15.35 -0.71 0.00	16.56 -0.80 0.00	15.46 -0.77 0.00	14.71 -0.72 0.00	16.22 -0.76 0.00	15.50 -0.66 0.00	12.69 -0.52 0.00	15.00 -0.64 0.00	16.07 -0.55 0.00	16.01 -0.48 0.00	16.13 -0.59 0.00	15.22 -0.55 0.00	14.54 -0.44 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.68 -1.06 0.00	17.83 -0.85 0.00	17.66 -1.17 0.00	20.32 -1.35 0.00	23.59 -1.53 0.00	26.27 -1.38 0.00	21.53 -0.75 0.00	19.39 -0.62 0.00	15.86 -0.35 0.00
GOETHSLN____LBMP 323567	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.18 0.75 0.00	17.79 0.82 0.00	16.91 0.75 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.52 0.89 0.00	17.41 0.93 0.00	17.68 0.97 0.00	16.70 0.93 0.00	15.84 0.86 0.00	16.01 0.89 0.00	17.18 1.01 0.00	18.77 1.02 0.00	19.73 1.05 0.00	19.84 1.02 0.00	22.82 1.15 0.00	26.52 1.40 0.00	29.24 1.48 -0.11	23.61 1.27 -0.06	21.20 1.19 0.00	17.12 0.91 0.00
GOLAH____69_KV_TB 1_2 80279	16.06 0.00 0.00	17.28 -0.08 0.00	16.11 -0.13 0.00	15.30 -0.13 0.00	16.84 -0.14 0.00	16.06 -0.11 0.00	13.17 -0.04 0.00	15.58 -0.06 0.00	16.66 0.03 0.00	16.58 0.09 0.00	16.72 0.01 0.00	15.76 -0.01 0.00	15.02 0.04 0.00	15.10 -0.02 0.00	16.05 -0.13 0.00	17.54 -0.20 0.00	18.65 -0.03 0.00	18.67 -0.16 0.00	21.54 -0.13 0.00	25.07 -0.06 0.00	27.71 0.06 0.00	22.47 0.18 0.00	20.17 0.16 0.00	16.43 0.22 0.00
GOODYEAR_LAKE_HYD 323669	16.67 0.62 0.00	18.04 0.68 0.00	16.87 0.64 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.76 0.60 0.00	13.76 0.55 0.00	16.30 0.67 0.00	17.35 0.73 0.00	17.22 0.74 0.00	17.47 0.76 0.00	16.46 0.69 0.00	15.60 0.62 0.00	15.74 0.62 0.00	16.83 0.66 0.00	18.47 0.72 0.00	19.49 0.81 0.00	19.68 0.85 0.00	22.66 0.98 0.00	26.29 1.16 0.00	28.96 1.31 0.00	23.34 1.06 0.00	20.93 0.92 0.00	16.92 0.71 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	16.27 0.21 0.00	17.57 0.21 0.00	16.39 0.16 0.00	15.57 0.13 0.00	17.15 0.17 0.00	16.31 0.15 0.00	13.40 0.19 0.00	15.84 0.20 0.00	16.89 0.27 0.00	16.77 0.28 0.00	16.99 0.28 0.00	16.00 0.23 0.00	15.17 0.20 0.00	15.29 0.17 0.00	16.36 0.18 0.00	17.93 0.18 0.00	18.93 0.24 0.00	19.07 0.25 0.00	21.96 0.29 0.00	25.52 0.40 0.00	28.20 0.55 0.00	22.78 0.50 0.00	20.47 0.46 0.00	16.60 0.39 0.00
GOUDEY____7 23579	16.28 0.22 0.00	17.58 0.22 0.00	16.40 0.17 0.00	15.57 0.14 0.00	17.16 0.18 0.00	16.32 0.16 0.00	13.41 0.20 0.00	15.85 0.21 0.00	16.90 0.28 0.00	16.78 0.30 0.00	17.01 0.29 0.00	16.02 0.25 0.00	15.19 0.21 0.00	15.31 0.19 0.00	16.37 0.20 0.00	17.95 0.20 0.00	18.94 0.26 0.00	19.08 0.26 0.00	21.98 0.31 0.00	25.55 0.42 0.00	28.23 0.58 0.00	22.81 0.52 0.00	20.48 0.47 0.00	16.61 0.40 0.00
GOUDEY____8 23580	16.27 0.21 0.00	17.57 0.21 0.00	16.39 0.16 0.00	15.57 0.13 0.00	17.15 0.17 0.00	16.31 0.15 0.00	13.40 0.19 0.00	15.84 0.20 0.00	16.89 0.27 0.00	16.77 0.28 0.00	16.99 0.28 0.00	16.00 0.23 0.00	15.17 0.20 0.00	15.29 0.17 0.00	16.36 0.18 0.00	17.93 0.18 0.00	18.93 0.24 0.00	19.07 0.25 0.00	21.96 0.29 0.00	25.52 0.40 0.00	28.20 0.55 0.00	22.78 0.50 0.00	20.47 0.46 0.00	16.60 0.39 0.00



GOWANUS_GT1_1 24077	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_2 24078	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_3 24079	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_4 24080	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_5 24084	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_6 24111	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_7 24112	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT1_8 24113	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT2_1 24114	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_2 24115	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_3 24116	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_4 24117	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_5 24118	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_6 24119	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT2_7 24120	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00



GOWANUS_GT2_8 24121	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_1 24122	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_2 24123	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_3 24124	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_4 24125	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_5 24126	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_6 24127	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_7 24128	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT3_8 24129	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
GOWANUS_GT4_1 24130	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_2 24131	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_3 24132	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_4 24133	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_5 24134	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_6 24135	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00



GOWANUS_GT4_7 24136	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GOWANUS_GT4_8 24137	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GREENBSH_115KV_TB3 55895	16.24 0.18 0.00	17.60 0.24 0.00	16.48 0.24 0.00	15.66 0.22 0.00	17.24 0.26 0.00	16.41 0.24 0.00	13.44 0.22 0.00	15.92 0.28 0.00	16.90 0.27 0.00	16.72 0.24 0.00	16.95 0.24 0.00	16.02 0.25 0.00	15.21 0.23 0.00	15.39 0.27 0.00	16.50 0.33 0.00	18.09 0.34 0.00	19.05 0.37 0.00	19.25 0.43 0.00	22.14 0.47 0.00	25.64 0.52 0.00	28.09 0.55 0.11	22.66 0.44 0.07	20.38 0.37 0.00	16.46 0.25 0.00
GREENDGE_115KV_TB5 80291	16.24 0.18 0.00	17.49 0.13 0.00	16.26 0.03 0.00	15.44 0.00 0.00	17.02 0.04 0.00	16.23 0.07 0.00	13.32 0.11 0.00	15.74 0.11 0.00	16.81 0.19 0.00	16.69 0.21 0.00	16.89 0.18 0.00	15.86 0.09 0.00	15.06 0.08 0.00	15.15 0.03 0.00	16.17 0.00 0.00	17.78 0.03 0.00	18.86 0.17 0.00	18.97 0.15 0.00	21.80 0.13 0.00	25.33 0.20 0.00	28.10 0.46 0.00	22.78 0.50 0.00	20.45 0.44 0.00	16.61 0.40 0.00
GREENIDGE___3 23582	16.24 0.18 0.00	17.49 0.13 0.00	16.26 0.03 0.00	15.44 0.00 0.00	17.02 0.04 0.00	16.23 0.07 0.00	13.32 0.11 0.00	15.74 0.11 0.00	16.81 0.19 0.00	16.69 0.21 0.00	16.89 0.18 0.00	15.86 0.09 0.00	15.06 0.08 0.00	15.15 0.03 0.00	16.17 0.00 0.00	17.78 0.03 0.00	18.86 0.17 0.00	18.97 0.15 0.00	21.80 0.13 0.00	25.33 0.20 0.00	28.10 0.46 0.00	22.78 0.50 0.00	20.45 0.44 0.00	16.61 0.40 0.00
GREENIDGE___4 23583	16.24 0.18 0.00	17.49 0.13 0.00	16.26 0.03 0.00	15.44 0.00 0.00	17.02 0.04 0.00	16.23 0.07 0.00	13.32 0.11 0.00	15.74 0.10 0.00	16.81 0.19 0.00	16.69 0.21 0.00	16.89 0.18 0.00	15.86 0.09 0.00	15.06 0.08 0.00	15.15 0.03 0.00	16.17 0.00 0.00	17.77 0.03 0.00	18.86 0.18 0.00	18.97 0.14 0.00	21.80 0.13 0.00	25.33 0.20 0.00	28.11 0.46 0.00	22.78 0.50 0.00	20.45 0.44 0.00	16.61 0.40 0.00
GREENLWN_69_KV_BK 3 55738	17.00 0.94 0.00	18.36 1.00 0.00	17.15 0.91 0.00	16.26 0.82 0.00	17.89 0.91 0.00	17.03 0.87 0.00	14.11 0.90 0.00	16.64 1.01 0.00	17.70 1.07 0.00	17.41 0.93 0.00	18.32 1.19 -0.42	17.55 1.14 -0.65	16.71 1.05 -0.68	16.66 1.04 -0.50	16.81 1.18 0.55	19.15 1.20 -0.21	19.75 1.07 0.00	19.38 0.94 0.39	22.62 0.95 0.00	26.21 1.08 0.00	29.07 1.31 -0.11	25.36 1.37 -1.71	21.97 1.34 -0.63	17.24 1.03 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00
GRISSOM___SOLAR 323813	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.28 0.84 0.00	17.91 0.93 0.00	17.06 0.89 0.00	13.95 0.74 0.00	16.62 0.98 0.00	17.46 0.84 0.00	16.48 0.00 0.00	17.25 0.53 0.00	16.09 0.32 0.00	15.17 0.19 0.00	15.70 0.57 0.00	16.66 0.49 0.00	18.82 1.07 0.00	19.63 0.94 0.00	20.54 1.72 0.00	23.33 1.66 0.00	26.95 1.82 0.00	29.50 1.93 0.09	23.77 1.55 0.05	21.32 1.31 0.00	17.19 0.98 0.00
GROVEVILLE___HYD 323602	16.94 0.88 0.00	18.29 0.93 0.00	17.10 0.87 0.00	16.23 0.79 0.00	17.85 0.87 0.00	16.99 0.83 0.00	14.00 0.79 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.71 0.94 0.00	15.83 0.86 0.00	16.03 0.90 0.00	17.19 1.02 0.00	18.83 1.08 0.00	19.80 1.12 0.00	19.96 1.14 0.00	22.97 1.30 0.00	26.66 1.54 0.00	29.39 1.66 -0.08	23.71 1.38 -0.05	21.26 1.25 0.00	17.16 0.95 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
HAMLTNNY_34_KV_TB 80303	16.22 0.16 0.00	17.48 0.12 0.00	16.31 0.07 0.00	15.49 0.05 0.00	17.05 0.08 0.00	16.23 0.07 0.00	13.32 0.11 0.00	15.76 0.13 0.00	16.81 0.19 0.00	16.69 0.20 0.00	16.88 0.16 0.00	15.92 0.15 0.00	15.12 0.15 0.00	15.24 0.12 0.00	16.27 0.10 0.00	17.87 0.12 0.00	18.86 0.19 0.00	19.00 0.18 0.00	21.89 0.21 0.00	25.43 0.31 0.00	28.03 0.38 0.00	22.58 0.30 0.00	20.28 0.27 0.00	16.44 0.24 0.00
HAMPSHIRE___PAPER_HYD 323593	15.96 -0.10 0.00	17.21 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.91 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
HARDSCRABBLE_WT_PWR 323673	16.29 0.23 0.00	17.60 0.24 0.00	16.44 0.21 0.00	15.60 0.16 0.00	17.17 0.19 0.00	16.26 0.10 0.00	13.40 0.19 0.00	15.92 0.28 0.00	16.91 0.28 0.00	16.50 0.02 0.00	16.80 0.08 0.00	15.84 0.07 0.00	14.96 -0.02 0.00	15.09 -0.03 0.00	16.22 0.04 0.00	17.91 0.16 0.00	18.91 0.23 0.00	19.24 0.42 0.00	22.25 0.58 0.00	25.78 0.66 0.00	28.32 0.67 0.00	22.76 0.48 0.00	20.40 0.39 0.00	16.48 0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	16.87 0.82 0.00	18.22 0.86 0.00	17.02 0.79 0.00	16.15 0.71 0.00	17.76 0.78 0.00	16.90 0.74 0.00	13.93 0.71 0.00	16.48 0.85 0.00	17.49 0.87 0.00	17.36 0.88 0.00	17.63 0.91 0.00	16.63 0.86 0.00	15.77 0.80 0.00	15.95 0.83 0.00	17.12 0.94 0.00	18.74 0.99 0.00	19.72 1.04 0.00	19.87 1.05 0.00	22.87 1.20 0.00	26.55 1.42 0.00	29.29 1.55 -0.09	23.64 1.30 -0.05	21.18 1.17 0.00	17.08 0.87 0.00



HARSNRAD_115KV_TB1 81005	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.57 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.82 -0.39 0.00	15.15 -0.49 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.42 0.00	15.38 -0.39 0.00	14.69 -0.29 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.86 0.00	18.05 -0.63 0.00	17.90 -0.92 0.00	20.65 -1.02 0.00	24.08 -1.05 0.00	26.80 -0.85 0.00	21.92 -0.36 0.00	19.73 -0.28 0.00	16.13 -0.08 0.00
HARZA MOOSE__RIVER 24016	16.13 0.07 0.00	17.40 0.04 0.00	16.25 0.02 0.00	15.52 0.08 0.00	17.08 0.10 0.00	16.25 0.09 0.00	13.30 0.09 0.00	15.82 0.19 0.00	16.86 0.23 0.00	16.65 0.16 0.00	16.81 0.10 0.00	15.83 0.06 0.00	15.01 0.04 0.00	15.14 0.02 0.00	16.23 0.06 0.00	17.87 0.12 0.00	18.96 0.28 0.00	19.21 0.39 0.00	22.18 0.52 0.00	25.66 0.54 0.00	28.23 0.58 0.00	22.75 0.47 0.00	20.41 0.40 0.00	16.47 0.26 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	16.03 -0.03 0.00	17.30 -0.06 0.00	16.15 -0.08 0.00	15.34 -0.09 0.00	16.89 -0.09 0.00	16.08 -0.09 0.00	13.17 -0.05 0.00	15.58 -0.06 0.00	16.60 -0.03 0.00	16.47 -0.02 0.00	16.69 -0.02 0.00	15.74 -0.03 0.00	14.95 -0.03 0.00	15.07 -0.05 0.00	16.10 -0.08 0.00	17.64 -0.11 0.00	18.62 -0.06 0.00	18.76 -0.06 0.00	21.61 -0.06 0.00	25.07 -0.05 0.00	27.62 -0.03 0.00	22.28 0.00 0.00	20.01 0.00 0.00	16.25 0.04 0.00
HELLGATE_13_KV_LD 55870	16.93 0.87 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.79 0.81 0.00	16.93 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.54 0.92 0.00	17.43 0.95 0.00	17.71 1.00 0.00	16.74 0.97 0.00	15.89 0.92 0.00	16.06 0.94 0.00	17.22 1.05 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.56 1.44 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	16.93 0.87 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.79 0.81 0.00	16.93 0.76 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.54 0.92 0.00	17.43 0.95 0.00	17.71 1.00 0.00	16.74 0.97 0.00	15.89 0.92 0.00	16.06 0.94 0.00	17.22 1.05 0.00	18.81 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.56 1.44 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
HEMPSTEAD____ 23647	17.04 0.98 0.00	18.38 1.03 0.00	17.17 0.93 0.00	16.28 0.84 0.00	17.93 0.95 0.00	17.06 0.89 0.00	14.11 0.90 0.00	16.66 1.02 0.00	17.70 1.08 0.00	17.49 1.00 0.00	19.86 1.21 -1.94	20.28 1.16 -3.36	21.15 1.07 -5.10	19.28 1.07 -3.09	19.13 1.20 -1.76	21.19 1.24 -2.20	19.86 1.18 -0.01	19.92 1.10 0.00	22.87 1.20 0.00	26.53 1.40 0.00	29.37 1.61 -0.11	32.93 1.51 -9.14	24.31 1.41 -2.89	17.29 1.07 -0.01
HEWLETT__69_KV_BK3 55828	17.20 1.12 -0.02	18.54 1.18 0.00	17.30 1.07 0.00	16.41 0.97 0.00	18.06 1.08 0.00	17.20 1.04 0.00	14.22 1.01 0.00	16.78 1.15 0.00	17.83 1.21 0.00	17.62 1.14 0.00	23.54 1.38 -5.45	26.82 1.33 -9.72	32.09 1.25 -15.87	25.64 1.22 -9.30	25.90 1.37 -8.35	26.35 1.43 -7.18	20.07 1.36 -0.03	20.10 1.28 0.00	23.09 1.42 0.00	26.78 1.66 0.00	29.69 1.90 -0.13	50.73 1.73 -26.72	29.77 1.63 -8.14	17.51 1.24 -0.06
HICKLING__1 23621	16.22 0.17 0.00	17.48 0.12 0.00	16.25 0.02 0.00	15.43 -0.01 0.00	17.02 0.04 0.00	16.21 0.05 0.00	13.31 0.10 0.00	15.72 0.08 0.00	16.79 0.17 0.00	16.69 0.21 0.00	16.92 0.20 0.00	15.90 0.13 0.00	15.07 0.10 0.00	15.15 0.03 0.00	16.20 0.03 0.00	17.77 0.02 0.00	18.81 0.13 0.00	18.93 0.11 0.00	21.85 0.18 0.00	25.43 0.30 0.00	28.21 0.56 0.00	22.85 0.57 0.00	20.55 0.54 0.00	16.69 0.49 0.00
HICKLING__2 23622	16.22 0.17 0.00	17.48 0.12 0.00	16.25 0.02 0.00	15.43 -0.01 0.00	17.02 0.04 0.00	16.21 0.05 0.00	13.31 0.10 0.00	15.72 0.08 0.00	16.79 0.17 0.00	16.69 0.21 0.00	16.92 0.20 0.00	15.90 0.13 0.00	15.07 0.10 0.00	15.15 0.03 0.00	16.20 0.03 0.00	17.77 0.02 0.00	18.81 0.13 0.00	18.93 0.11 0.00	21.85 0.18 0.00	25.43 0.30 0.00	28.21 0.56 0.00	22.85 0.57 0.00	20.55 0.54 0.00	16.69 0.49 0.00
HIGH FALLS__HY 23754	17.07 1.01 0.00	18.42 1.06 0.00	17.20 0.97 0.00	16.32 0.88 0.00	17.94 0.97 0.00	17.07 0.91 0.00	14.08 0.87 0.00	16.67 1.04 0.00	17.70 1.08 0.00	17.59 1.11 0.00	17.78 1.07 0.00	16.72 0.96 0.00	15.82 0.84 0.00	16.04 0.92 0.00	17.16 0.99 0.00	18.87 1.13 0.00	19.83 1.15 0.00	20.01 1.19 0.00	23.10 1.43 0.00	26.86 1.74 0.00	29.58 1.88 -0.05	23.87 1.56 -0.03	21.42 1.41 0.00	17.28 1.08 0.00
HILLBURN__GT 23639	16.85 0.80 0.00	18.20 0.84 0.00	17.00 0.76 0.00	16.12 0.69 0.00	17.73 0.75 0.00	16.87 0.71 0.00	13.92 0.70 0.00	16.47 0.83 0.00	17.46 0.84 0.00	17.34 0.86 0.00	17.61 0.90 0.00	16.62 0.85 0.00	15.76 0.79 0.00	15.94 0.82 0.00	17.10 0.92 0.00	18.71 0.96 0.00	19.67 1.00 0.00	19.81 0.99 0.00	22.79 1.13 0.00	26.47 1.34 0.00	29.20 1.45 -0.10	23.58 1.25 -0.06	21.14 1.13 0.00	17.05 0.84 0.00
HILLSIDE_115KV_TB1 80332	16.06 0.01 0.00	17.32 -0.04 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.87 -0.11 0.00	16.06 -0.10 0.00	13.21 0.00 0.00	15.59 -0.04 0.00	16.66 0.04 0.00	16.56 0.08 0.00	16.79 0.08 0.00	15.79 0.02 0.00	14.96 -0.02 0.00	15.04 -0.07 0.00	16.10 -0.07 0.00	17.66 -0.09 0.00	18.64 -0.04 0.00	18.76 -0.06 0.00	21.62 -0.05 0.00	25.16 0.04 0.00	27.92 0.27 0.00	22.60 0.32 0.00	20.33 0.32 0.00	16.51 0.30 0.00
HISHELDN_WT_PWR 323625	15.71 -0.35 0.00	16.93 -0.43 0.00	15.77 -0.47 0.00	14.98 -0.46 0.00	16.53 -0.45 0.00	15.80 -0.37 0.00	12.93 -0.28 0.00	15.25 -0.39 0.00	16.32 -0.30 0.00	16.25 -0.23 0.00	16.43 -0.28 0.00	15.47 -0.30 0.00	14.73 -0.25 0.00	14.77 -0.35 0.00	15.67 -0.50 0.00	17.11 -0.64 0.00	18.25 -0.42 0.00	18.15 -0.67 0.00	21.01 -0.66 0.00	24.49 -0.64 0.00	27.22 -0.43 0.00	22.22 -0.06 0.00	20.00 -0.01 0.00	16.33 0.12 0.00
HOLTSVILLE_IC_1 23690	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
HOLTSVILLE_IC_10 23699	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.37 1.39 0.00	17.50 1.33 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.43 0.00	18.75 1.67 -0.37	17.90 1.57 -0.56	16.95 1.43 -0.54	16.97 1.43 -0.42	17.17 1.61 0.62	19.59 1.70 -0.15	20.34 1.66 0.00	22.19 1.53 -1.85	23.29 1.62 0.00	26.96 1.83 0.00	29.90 2.15 -0.11	25.83 2.07 -1.47	22.54 1.98 -0.56	17.78 1.57 0.00



HOLTSVILLE_IC_2 23691	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
HOLTSVILLE_IC_3 23692	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
HOLTSVILLE_IC_4 23693	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
HOLTSVILLE_IC_5 23694	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
HOLTSVILLE_IC_6 23695	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.37 1.39 0.00	17.50 1.33 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.43 0.00	18.75 1.67 -0.37	17.90 1.57 -0.56	16.95 1.43 -0.54	16.97 1.43 -0.42	17.17 1.61 0.62	19.59 1.70 -0.15	20.34 1.66 0.00	22.19 1.53 -1.85	23.29 1.62 0.00	26.96 1.83 0.00	29.90 2.15 -0.11	25.83 2.07 -1.47	22.54 1.98 -0.56	17.78 1.57 0.00
HOLTSVILLE_IC_7 23696	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.37 1.39 0.00	17.50 1.33 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.43 0.00	18.75 1.67 -0.37	17.90 1.57 -0.56	16.95 1.43 -0.54	16.97 1.43 -0.42	17.17 1.61 0.62	19.59 1.70 -0.15	20.34 1.66 0.00	22.19 1.53 -1.85	23.29 1.62 0.00	26.96 1.83 0.00	29.90 2.15 -0.11	25.83 2.07 -1.47	22.54 1.98 -0.56	17.78 1.57 0.00
HOLTSVILLE_IC_8 23697	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.37 1.39 0.00	17.50 1.33 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.43 0.00	18.75 1.67 -0.37	17.90 1.57 -0.56	16.95 1.43 -0.54	16.97 1.43 -0.42	17.17 1.61 0.62	19.59 1.70 -0.15	20.34 1.66 0.00	22.19 1.53 -1.85	23.29 1.62 0.00	26.96 1.83 0.00	29.90 2.15 -0.11	25.83 2.07 -1.47	22.54 1.98 -0.56	17.78 1.57 0.00
HOLTSVILLE_IC_9 23698	17.48 1.42 0.00	18.86 1.50 0.00	17.60 1.37 0.00	16.69 1.25 0.00	18.37 1.39 0.00	17.50 1.33 0.00	14.51 1.30 0.00	17.12 1.49 0.00	18.22 1.59 0.00	17.91 1.43 0.00	18.75 1.67 -0.37	17.90 1.57 -0.56	16.95 1.43 -0.54	16.97 1.43 -0.42	17.17 1.61 0.62	19.59 1.70 -0.15	20.34 1.66 0.00	22.19 1.53 -1.85	23.29 1.62 0.00	26.96 1.83 0.00	29.90 2.15 -0.11	25.83 2.07 -1.47	22.54 1.98 -0.56	17.78 1.57 0.00
HOMER_HL_115KV_TB2 355744	16.29 0.23 0.00	17.55 0.19 0.00	16.35 0.11 0.00	15.52 0.08 0.00	17.10 0.12 0.00	16.33 0.17 0.00	13.43 0.22 0.00	15.85 0.21 0.00	16.94 0.32 0.00	16.89 0.41 0.00	17.06 0.34 0.00	16.10 0.33 0.00	15.33 0.35 0.00	15.37 0.25 0.00	16.31 0.14 0.00	17.79 0.05 0.00	18.97 0.29 0.00	18.92 0.10 0.00	21.81 0.14 0.00	25.45 0.33 0.00	28.23 0.58 0.00	22.96 0.68 0.00	20.65 0.64 0.00	16.82 0.61 0.00
HOWARD_WT_PWR 323690	16.05 -0.01 0.00	17.31 -0.05 0.00	15.98 -0.25 0.00	15.13 -0.30 0.00	16.80 -0.18 0.00	15.92 -0.25 0.00	12.97 -0.24 0.00	15.27 -0.36 0.00	16.27 -0.35 0.00	16.25 -0.23 0.00	16.51 -0.20 0.00	15.43 -0.34 0.00	14.65 -0.33 0.00	14.63 -0.49 0.00	15.59 -0.58 0.00	17.19 -0.56 0.00	18.47 -0.20 0.00	18.54 -0.29 0.00	21.52 -0.15 0.00	25.00 -0.12 0.00	27.69 0.05 0.00	22.58 0.30 0.00	20.40 0.39 0.00	16.67 0.46 0.00
HQ_GEN_CEDARS 23644	16.08 0.03 0.00	17.39 0.03 0.00	16.25 0.02 0.00	15.49 0.05 0.00	17.03 0.05 0.00	16.21 0.05 0.00	13.20 -0.01 0.00	15.63 -0.01 0.00	16.58 -0.04 0.00	16.44 -0.04 0.00	16.67 -0.05 0.00	15.72 -0.05 0.00	14.95 -0.03 0.00	15.08 -0.04 0.00	16.11 -0.06 0.00	17.75 0.00 0.00	18.59 -0.09 0.00	18.71 -0.12 0.00	21.57 -0.10 0.00	24.99 -0.14 0.00	27.51 -0.14 0.00	22.21 -0.07 0.00	19.97 -0.04 0.00	16.16 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	16.08 0.03 0.00	17.39 0.03 0.00	16.25 0.02 0.00	15.49 0.05 0.00	17.03 0.05 0.00	16.21 0.05 0.00	13.20 -0.01 0.00	15.63 -0.01 0.00	16.58 -0.04 0.00	16.44 -0.04 0.00	16.67 -0.05 0.00	15.72 -0.05 0.00	14.95 -0.03 0.00	15.08 -0.04 0.00	16.11 -0.06 0.00	17.75 0.00 0.00	18.59 -0.09 0.00	18.71 -0.12 0.00	21.57 -0.10 0.00	24.99 -0.14 0.00	27.51 -0.14 0.00	22.21 -0.07 0.00	19.97 -0.04 0.00	16.16 -0.05 0.00
HQ_GEN_IMPORT 323601	16.00 -0.06 0.00	17.29 -0.07 0.00	16.17 -0.06 0.00	15.40 -0.04 0.00	16.92 -0.05 0.00	16.12 -0.05 0.00	13.14 -0.08 0.00	15.55 -0.09 0.00	16.52 -0.10 0.00	16.40 -0.08 0.00	16.62 -0.09 0.00	15.68 -0.08 0.00	14.91 -0.06 0.00	15.05 -0.07 0.00	16.09 -0.08 0.00	17.69 -0.06 0.00	18.58 -0.10 0.00	18.70 -0.13 0.00	21.54 -0.13 0.00	24.95 -0.17 0.00	27.45 -0.19 0.00	22.10 -0.18 0.00	19.85 -0.16 0.00	16.08 -0.13 0.00
HQ_GEN_WHEEL 23651	16.00 -0.06 0.00	17.29 -0.07 0.00	16.17 -0.06 0.00	15.40 -0.04 0.00	16.92 -0.05 0.00	16.12 -0.05 0.00	13.14 -0.08 0.00	15.55 -0.09 0.00	16.52 -0.10 0.00	16.40 -0.08 0.00	16.62 -0.09 0.00	15.68 -0.08 0.00	14.91 -0.06 0.00	15.05 -0.07 0.00	16.09 -0.08 0.00	17.69 -0.06 0.00	18.58 -0.10 0.00	18.70 -0.13 0.00	21.54 -0.13 0.00	24.95 -0.17 0.00	27.45 -0.19 0.00	22.10 -0.18 0.00	19.85 -0.16 0.00	16.08 -0.13 0.00
HUDSON_AVE_GT_3 23810	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.87 0.00	16.24 0.80 0.00	17.85 0.87 0.00	16.98 0.82 0.00	14.03 0.82 0.00	16.58 0.95 0.00	17.60 0.98 0.00	17.48 1.00 0.00	17.76 1.05 0.00	16.77 1.00 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.25 1.08 0.00	18.85 1.11 0.00	19.83 1.15 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.64 1.52 0.00	29.37 1.62 -0.11	23.72 1.37 -0.06	21.29 1.29 0.00	17.18 0.97 0.00



HUDSON AVE_GT_4 23540	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.87 0.00	16.24 0.80 0.00	17.85 0.87 0.00	16.98 0.82 0.00	14.03 0.82 0.00	16.58 0.95 0.00	17.60 0.98 0.00	17.48 1.00 0.00	17.76 1.05 0.00	16.77 1.00 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.25 1.08 0.00	18.85 1.11 0.00	19.83 1.15 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.64 1.52 0.00	29.37 1.62 -0.11	23.72 1.37 -0.06	21.29 1.29 0.00	17.18 0.97 0.00
HUDSON AVE_GT_5 23657	16.97 0.91 0.00	18.32 0.96 0.00	17.11 0.87 0.00	16.24 0.80 0.00	17.85 0.87 0.00	16.98 0.82 0.00	14.03 0.82 0.00	16.58 0.95 0.00	17.60 0.98 0.00	17.48 1.00 0.00	17.76 1.05 0.00	16.77 1.00 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.25 1.08 0.00	18.85 1.11 0.00	19.83 1.15 0.00	19.93 1.11 0.00	22.93 1.26 0.00	26.64 1.52 0.00	29.37 1.62 -0.11	23.72 1.37 -0.06	21.29 1.29 0.00	17.18 0.97 0.00
HUDSON_AVE_10 24168	16.89 0.84 0.01	18.23 0.88 0.01	17.02 0.81 0.01	16.18 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.97 0.77 0.00	16.52 0.89 0.00	17.54 0.92 0.00	17.41 0.93 0.00	17.69 0.98 0.01	16.70 0.93 0.00	15.85 0.87 0.00	16.02 0.90 0.00	17.18 1.01 0.00	18.78 1.03 0.00	19.75 1.07 0.00	19.86 1.04 0.00	22.83 1.16 0.01	26.54 1.42 0.00	29.25 1.50 -0.10	23.62 1.28 -0.06	21.21 1.21 0.00	17.12 0.91 0.00
HUDSON___115KV_TB 4 355613	16.53 0.47 0.00	17.90 0.54 0.00	16.76 0.52 0.00	15.93 0.50 0.00	17.53 0.55 0.00	16.70 0.54 0.00	13.68 0.47 0.00	16.23 0.59 0.00	17.24 0.61 0.00	17.02 0.54 0.00	17.14 0.43 0.00	16.23 0.46 0.00	15.46 0.48 0.00	15.63 0.51 0.00	16.78 0.61 0.00	18.38 0.64 0.00	19.41 0.74 0.00	19.68 0.86 0.00	22.68 1.01 0.00	26.27 1.15 0.00	28.81 1.24 0.08	23.19 0.95 0.05	20.80 0.79 0.00	16.77 0.56 0.00
HUNTER MOUNT___DRP 323613	16.60 0.54 0.00	17.97 0.61 0.00	16.83 0.60 0.00	16.00 0.56 0.00	17.62 0.64 0.00	16.77 0.61 0.00	13.74 0.52 0.00	16.31 0.67 0.00	17.33 0.70 0.00	17.09 0.61 0.00	17.16 0.45 0.00	16.25 0.49 0.00	15.51 0.53 0.00	15.68 0.57 0.00	16.84 0.67 0.00	18.45 0.70 0.00	19.51 0.83 0.00	19.81 0.98 0.00	22.86 1.18 0.00	26.47 1.34 0.00	29.05 1.45 0.05	23.35 1.10 0.03	20.90 0.90 0.00	16.85 0.64 0.00
HUNTINGTON_RES_REC 323705	17.17 1.11 0.00	18.54 1.18 0.00	17.30 1.07 0.00	16.41 0.97 0.00	18.06 1.08 0.00	17.20 1.03 0.00	14.25 1.04 0.00	16.82 1.19 0.00	17.88 1.26 0.00	17.58 1.10 0.00	18.44 1.36 -0.37	17.61 1.27 -0.57	16.69 1.17 -0.55	16.71 1.16 -0.42	16.88 1.33 0.62	19.27 1.38 -0.15	19.95 1.28 0.00	18.68 1.14 1.28	22.85 1.18 0.00	26.46 1.33 0.00	29.35 1.59 -0.11	25.39 1.63 -1.49	22.14 1.57 -0.56	17.44 1.23 0.00
HUNTLEY___63 23557	15.70 -0.36 0.00	16.91 -0.45 0.00	15.78 -0.45 0.00	15.01 -0.42 0.00	16.55 -0.43 0.00	15.82 -0.34 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.42 -0.21 0.00	16.36 -0.13 0.00	16.49 -0.23 0.00	15.56 -0.21 0.00	14.85 -0.13 0.00	14.86 -0.26 0.00	15.70 -0.47 0.00	17.09 -0.66 0.00	18.26 -0.42 0.00	18.11 -0.71 0.00	20.88 -0.79 0.00	24.31 -0.81 0.00	27.05 -0.61 0.00	22.13 -0.15 0.00	19.91 -0.09 0.00	16.27 0.06 0.00
HUNTLEY___64 23558	15.70 -0.36 0.00	16.91 -0.45 0.00	15.78 -0.45 0.00	15.01 -0.42 0.00	16.55 -0.43 0.00	15.82 -0.34 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.42 -0.21 0.00	16.36 -0.13 0.00	16.49 -0.23 0.00	15.56 -0.21 0.00	14.85 -0.13 0.00	14.86 -0.26 0.00	15.70 -0.47 0.00	17.09 -0.66 0.00	18.26 -0.42 0.00	18.11 -0.71 0.00	20.88 -0.79 0.00	24.31 -0.81 0.00	27.05 -0.61 0.00	22.13 -0.15 0.00	19.91 -0.09 0.00	16.27 0.06 0.00
HUNTLEY___65 23559	15.70 -0.36 0.00	16.91 -0.45 0.00	15.78 -0.45 0.00	15.01 -0.42 0.00	16.55 -0.43 0.00	15.82 -0.34 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.42 -0.21 0.00	16.36 -0.13 0.00	16.49 -0.23 0.00	15.56 -0.21 0.00	14.85 -0.13 0.00	14.86 -0.26 0.00	15.70 -0.47 0.00	17.09 -0.66 0.00	18.26 -0.42 0.00	18.11 -0.71 0.00	20.88 -0.79 0.00	24.31 -0.81 0.00	27.05 -0.61 0.00	22.13 -0.15 0.00	19.91 -0.09 0.00	16.27 0.06 0.00
HUNTLEY___66 23560	15.70 -0.36 0.00	16.91 -0.45 0.00	15.78 -0.45 0.00	15.01 -0.42 0.00	16.55 -0.43 0.00	15.82 -0.34 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.42 -0.21 0.00	16.36 -0.13 0.00	16.49 -0.23 0.00	15.56 -0.21 0.00	14.85 -0.13 0.00	14.86 -0.26 0.00	15.70 -0.47 0.00	17.09 -0.66 0.00	18.26 -0.42 0.00	18.11 -0.71 0.00	20.88 -0.79 0.00	24.31 -0.81 0.00	27.05 -0.61 0.00	22.13 -0.15 0.00	19.91 -0.09 0.00	16.27 0.06 0.00
HUNTLEY___67 23561	15.59 -0.47 0.00	16.80 -0.56 0.00	15.67 -0.56 0.00	14.91 -0.53 0.00	16.44 -0.54 0.00	15.71 -0.45 0.00	12.87 -0.34 0.00	15.20 -0.43 0.00	16.29 -0.33 0.00	16.23 -0.26 0.00	16.36 -0.35 0.00	15.44 -0.33 0.00	14.74 -0.24 0.00	14.75 -0.37 0.00	15.59 -0.58 0.00	16.97 -0.78 0.00	18.12 -0.55 0.00	17.98 -0.84 0.00	20.74 -0.94 0.00	24.18 -0.94 0.00	26.89 -0.76 0.00	22.00 -0.28 0.00	19.80 -0.21 0.00	16.18 -0.03 0.00
HUNTLEY___68 23562	15.59 -0.47 0.00	16.80 -0.56 0.00	15.67 -0.56 0.00	14.91 -0.53 0.00	16.44 -0.54 0.00	15.71 -0.45 0.00	12.87 -0.34 0.00	15.20 -0.43 0.00	16.29 -0.33 0.00	16.23 -0.26 0.00	16.36 -0.35 0.00	15.44 -0.33 0.00	14.74 -0.24 0.00	14.75 -0.37 0.00	15.59 -0.58 0.00	16.97 -0.78 0.00	18.12 -0.55 0.00	17.98 -0.84 0.00	20.74 -0.94 0.00	24.18 -0.94 0.00	26.89 -0.76 0.00	22.00 -0.28 0.00	19.80 -0.21 0.00	16.18 -0.03 0.00
HYLAND___LFGE 323620	16.60 0.53 0.00	17.84 0.48 0.00	16.56 0.33 0.00	15.71 0.28 0.00	17.33 0.36 0.00	16.53 0.37 0.00	13.55 0.34 0.00	16.04 0.41 0.00	17.16 0.53 0.00	16.98 0.49 0.00	17.11 0.39 0.00	15.81 0.04 0.00	15.04 0.07 0.00	15.26 0.14 0.00	16.27 0.09 0.00	17.85 0.10 0.00	19.14 0.46 0.00	19.30 0.48 0.00	22.48 0.81 0.00	26.20 1.08 0.00	28.98 1.33 0.00	23.47 1.19 0.00	21.04 1.03 0.00	17.07 0.87 0.00
INDECK___CORINTH 23802	16.62 0.56 0.00	17.96 0.60 0.00	16.83 0.59 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.82 0.65 0.00	13.78 0.57 0.00	16.37 0.73 0.00	17.41 0.79 0.00	17.14 0.65 0.00	17.38 0.66 0.00	16.44 0.67 0.00	15.62 0.64 0.00	15.82 0.70 0.00	16.98 0.81 0.00	18.66 0.91 0.00	19.67 0.99 0.00	19.94 1.12 0.00	22.96 1.29 0.00	26.58 1.46 0.00	29.04 1.50 0.10	23.36 1.14 0.06	20.91 0.90 0.00	16.85 0.64 0.00
INDECK___ILION 23567	16.21 0.15 0.00	17.52 0.16 0.00	16.38 0.15 0.00	15.56 0.12 0.00	17.13 0.15 0.00	16.28 0.12 0.00	13.35 0.14 0.00	15.84 0.20 0.00	16.83 0.20 0.00	16.54 0.05 0.00	16.82 0.10 0.00	15.86 0.09 0.00	15.02 0.05 0.00	15.16 0.05 0.00	16.27 0.10 0.00	17.91 0.16 0.00	18.89 0.21 0.00	19.14 0.31 0.00	22.08 0.40 0.00	25.60 0.47 0.00	28.12 0.48 0.00	22.63 0.35 0.00	20.29 0.28 0.00	16.39 0.18 0.00



INDECK___OLEAN 23982	16.29 0.23 0.00	17.55 0.19 0.00	16.35 0.11 0.00	15.52 0.08 0.00	17.10 0.12 0.00	16.34 0.17 0.00	13.43 0.22 0.00	15.84 0.20 0.00	16.94 0.32 0.00	16.89 0.40 0.00	17.06 0.34 0.00	16.09 0.32 0.00	15.32 0.35 0.00	15.37 0.25 0.00	16.31 0.14 0.00	17.80 0.05 0.00	18.97 0.29 0.00	18.91 0.09 0.00	21.81 0.14 0.00	25.45 0.33 0.00	28.23 0.58 0.00	22.96 0.68 0.00	20.64 0.63 0.00	16.81 0.60 0.00
INDECK___OSWEGO 23783	15.74 -0.32 0.00	17.00 -0.36 0.00	15.88 -0.35 0.00	15.10 -0.34 0.00	16.61 -0.37 0.00	15.82 -0.35 0.00	12.94 -0.27 0.00	15.30 -0.33 0.00	16.30 -0.33 0.00	16.16 -0.32 0.00	16.38 -0.33 0.00	15.45 -0.32 0.00	14.67 -0.31 0.00	14.79 -0.33 0.00	15.80 -0.37 0.00	17.31 -0.44 0.00	18.26 -0.42 0.00	18.41 -0.41 0.00	21.21 -0.47 0.00	24.58 -0.54 0.00	27.07 -0.58 0.00	21.84 -0.43 0.00	19.61 -0.40 0.00	15.94 -0.27 0.00
INDECK___YERKES 23781	15.71 -0.35 0.00	16.93 -0.43 0.00	15.79 -0.44 0.00	15.03 -0.41 0.00	16.57 -0.41 0.00	15.84 -0.33 0.00	12.98 -0.23 0.00	15.30 -0.33 0.00	16.43 -0.20 0.00	16.37 -0.11 0.00	16.50 -0.21 0.00	15.56 -0.21 0.00	14.86 -0.11 0.00	14.87 -0.25 0.00	15.71 -0.46 0.00	17.10 -0.64 0.00	18.28 -0.40 0.00	18.11 -0.71 0.00	20.90 -0.77 0.00	24.33 -0.80 0.00	27.08 -0.57 0.00	22.15 -0.13 0.00	19.92 -0.09 0.00	16.28 0.07 0.00
INDIAN POINT_GT_1 24139	16.83 0.77 0.00	18.17 0.81 0.00	16.98 0.75 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.86 0.70 0.00	13.91 0.69 0.00	16.45 0.81 0.00	17.45 0.83 0.00	17.32 0.84 0.00	17.60 0.88 0.00	16.60 0.83 0.00	15.74 0.77 0.00	15.91 0.79 0.00	17.07 0.90 0.00	18.68 0.93 0.00	19.64 0.96 0.00	19.77 0.94 0.00	22.74 1.07 0.00	26.40 1.28 0.00	29.14 1.38 -0.11	23.52 1.18 -0.06	21.10 1.09 0.00	17.03 0.82 0.00
INDIAN POINT_GT_2 23659	16.83 0.77 0.00	18.17 0.81 0.00	16.98 0.75 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.86 0.70 0.00	13.91 0.69 0.00	16.45 0.81 0.00	17.45 0.83 0.00	17.32 0.84 0.00	17.60 0.88 0.00	16.60 0.83 0.00	15.74 0.77 0.00	15.91 0.79 0.00	17.07 0.90 0.00	18.68 0.93 0.00	19.64 0.96 0.00	19.77 0.94 0.00	22.74 1.07 0.00	26.40 1.28 0.00	29.14 1.38 -0.11	23.52 1.18 -0.06	21.10 1.09 0.00	17.03 0.82 0.00
INDIAN POINT_GT_3 24019	16.83 0.77 0.00	18.17 0.81 0.00	16.98 0.75 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.86 0.70 0.00	13.91 0.69 0.00	16.45 0.81 0.00	17.45 0.83 0.00	17.32 0.84 0.00	17.60 0.88 0.00	16.60 0.83 0.00	15.74 0.77 0.00	15.91 0.79 0.00	17.07 0.90 0.00	18.68 0.93 0.00	19.64 0.96 0.00	19.77 0.94 0.00	22.74 1.07 0.00	26.40 1.28 0.00	29.14 1.38 -0.11	23.52 1.18 -0.06	21.10 1.09 0.00	17.03 0.82 0.00
INDIAN POINT___2 23530	16.82 0.76 0.00	18.17 0.81 0.00	16.97 0.74 0.00	16.10 0.67 0.00	17.71 0.73 0.00	16.85 0.69 0.00	13.89 0.69 0.00	16.44 0.81 0.00	17.44 0.82 0.00	17.31 0.83 0.00	17.59 0.87 0.00	16.59 0.82 0.00	15.73 0.76 0.00	15.91 0.79 0.00	17.06 0.89 0.00	18.67 0.92 0.00	19.63 0.95 0.00	19.76 0.94 0.00	22.74 1.07 0.00	26.40 1.27 0.00	29.12 1.37 -0.10	23.52 1.17 -0.06	21.09 1.08 0.00	17.02 0.81 0.00
INDIAN POINT___3 23531	16.82 0.76 0.00	18.16 0.80 0.00	16.97 0.74 0.00	16.10 0.67 0.00	17.71 0.73 0.00	16.85 0.69 0.00	13.90 0.69 0.00	16.44 0.80 0.00	17.44 0.82 0.00	17.31 0.82 0.00	17.58 0.87 0.00	16.58 0.81 0.00	15.73 0.76 0.00	15.90 0.79 0.00	17.06 0.89 0.00	18.67 0.92 0.00	19.62 0.94 0.00	19.76 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.36 -0.11	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.81 0.00
INGHAM_C_115KV_TB7 356103	16.34 0.28 0.00	17.66 0.30 0.00	16.51 0.28 0.00	15.67 0.23 0.00	17.25 0.27 0.00	16.37 0.20 0.00	13.48 0.27 0.00	16.02 0.39 0.00	16.99 0.37 0.00	16.53 0.05 0.00	16.86 0.15 0.00	15.89 0.12 0.00	15.01 0.04 0.00	15.15 0.03 0.00	16.31 0.14 0.00	18.02 0.28 0.00	19.04 0.36 0.00	19.38 0.56 0.00	22.42 0.74 0.00	25.99 0.86 0.00	28.53 0.87 0.00	22.91 0.63 0.00	20.51 0.50 0.00	16.54 0.33 0.00
IP CORINTH___1 23988	16.62 0.56 0.00	17.96 0.60 0.00	16.83 0.60 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.82 0.65 0.00	13.78 0.57 0.00	16.37 0.73 0.00	17.41 0.79 0.00	17.14 0.65 0.00	17.38 0.66 0.00	16.44 0.67 0.00	15.62 0.64 0.00	15.82 0.70 0.00	16.98 0.81 0.00	18.66 0.91 0.00	19.67 0.99 0.00	19.94 1.12 0.00	22.96 1.29 0.00	26.58 1.46 0.00	29.04 1.50 0.10	23.36 1.14 0.06	20.91 0.90 0.00	16.85 0.64 0.00
IP___TICONDEROGA 23804	17.23 1.17 0.00	18.61 1.25 0.00	17.51 1.28 0.00	16.71 1.27 0.00	18.44 1.46 0.00	17.69 1.53 0.00	14.49 1.28 0.00	17.25 1.62 0.00	18.37 1.75 0.00	18.03 1.55 0.00	18.23 1.52 0.00	17.29 1.52 0.00	16.44 1.47 0.00	16.76 1.64 0.00	18.00 1.82 0.00	19.81 2.07 0.00	20.94 2.26 0.00	21.30 2.47 0.00	24.49 2.82 0.00	28.27 3.15 0.00	30.78 3.23 0.10	24.69 2.47 0.06	21.97 1.95 0.00	17.69 1.48 0.00
ISLIP_RES_REC 323679	17.52 1.47 0.00	18.91 1.55 0.00	17.65 1.41 0.00	16.73 1.29 0.00	18.42 1.44 0.00	17.54 1.38 0.00	14.55 1.34 0.00	17.17 1.54 0.00	18.27 1.64 0.00	17.96 1.48 0.00	18.83 1.72 -0.39	17.97 1.61 -0.60	17.05 1.47 -0.60	17.04 1.47 -0.46	17.25 1.66 0.58	19.67 1.75 -0.17	20.40 1.72 0.00	22.10 1.60 -1.68	23.38 1.71 0.00	27.06 1.94 0.00	30.01 2.26 -0.11	26.02 2.16 -1.57	22.65 2.06 -0.58	17.83 1.63 0.00
JAMAICA__27_KV_LOAD 355505	16.92 0.86 0.01	18.25 0.90 0.01	17.04 0.82 0.01	16.22 0.78 0.00	17.82 0.84 0.00	16.97 0.80 0.00	14.01 0.80 0.00	16.57 0.93 0.00	17.58 0.96 0.00	17.46 0.98 0.00	17.72 1.01 0.01	16.74 0.97 0.00	15.90 0.92 0.00	16.06 0.94 0.00	17.20 1.03 0.00	18.81 1.07 0.00	19.80 1.12 0.00	19.94 1.12 0.00	22.90 1.24 0.01	26.61 1.49 0.00	29.31 1.55 -0.10	23.69 1.35 -0.06	21.29 1.29 0.00	17.17 0.96 0.00
JANIS___SOLAR 323808	16.78 0.72 0.00	18.07 0.71 0.00	16.84 0.61 0.00	15.99 0.55 0.00	17.63 0.65 0.00	16.81 0.64 0.00	13.82 0.60 0.00	16.39 0.76 0.00	17.49 0.86 0.00	17.27 0.78 0.00	17.46 0.75 0.00	16.34 0.57 0.00	15.44 0.46 0.00	15.59 0.47 0.00	16.55 0.38 0.00	18.32 0.57 0.00	19.54 0.86 0.00	19.78 0.96 0.00	22.89 1.23 0.00	26.58 1.46 0.00	29.33 1.68 0.00	23.60 1.32 0.00	21.13 1.12 0.00	17.10 0.89 0.00
JARVIS____ 23743	16.08 0.02 0.00	17.38 0.02 0.00	16.25 0.02 0.00	15.45 0.02 0.00	17.00 0.02 0.00	16.18 0.02 0.00	13.24 0.03 0.00	15.67 0.03 0.00	16.66 0.03 0.00	16.50 0.02 0.00	16.73 0.02 0.00	15.79 0.02 0.00	14.99 0.01 0.00	15.13 0.01 0.00	16.20 0.03 0.00	17.78 0.03 0.00	18.73 0.05 0.00	18.90 0.08 0.00	21.76 0.09 0.00	25.23 0.10 0.00	27.76 0.11 0.00	22.35 0.07 0.00	20.07 0.06 0.00	16.24 0.04 0.00



JENNISON___1 23625	16.74 0.67 0.00	18.05 0.69 0.00	16.84 0.61 0.00	15.99 0.55 0.00	17.63 0.65 0.00	16.79 0.63 0.00	13.81 0.59 0.00	16.37 0.74 0.00	17.46 0.84 0.00	17.30 0.82 0.00	17.54 0.83 0.00	16.48 0.71 0.00	15.58 0.60 0.00	15.69 0.57 0.00	16.72 0.55 0.00	18.43 0.68 0.00	19.56 0.88 0.00	19.79 0.97 0.00	22.85 1.18 0.00	26.53 1.40 0.00	29.27 1.62 0.00	23.57 1.29 0.00	21.10 1.09 0.00	17.06 0.85 0.00
JENNISON___2 23626	16.74 0.67 0.00	18.05 0.69 0.00	16.84 0.61 0.00	15.99 0.55 0.00	17.63 0.65 0.00	16.79 0.63 0.00	13.81 0.59 0.00	16.37 0.74 0.00	17.46 0.84 0.00	17.30 0.82 0.00	17.54 0.83 0.00	16.48 0.71 0.00	15.58 0.60 0.00	15.69 0.57 0.00	16.72 0.55 0.00	18.43 0.68 0.00	19.56 0.88 0.00	19.79 0.97 0.00	22.85 1.18 0.00	26.53 1.40 0.00	29.27 1.62 0.00	23.57 1.29 0.00	21.10 1.09 0.00	17.06 0.85 0.00
JERICHO_RISE_WT_PWR 323719	16.41 0.36 0.00	17.68 0.32 0.00	16.52 0.28 0.00	15.71 0.27 0.00	17.30 0.32 0.00	16.48 0.32 0.00	13.38 0.17 0.00	15.81 0.17 0.00	16.80 0.18 0.00	16.68 0.20 0.00	16.88 0.16 0.00	15.99 0.22 0.00	15.27 0.30 0.00	15.45 0.33 0.00	16.51 0.33 0.00	18.13 0.39 0.00	18.97 0.29 0.00	19.15 0.32 0.00	22.07 0.40 0.00	25.52 0.40 0.00	28.05 0.40 0.00	22.61 0.33 0.00	20.29 0.28 0.00	16.48 0.27 0.00
KATONAH___115KV_46KV_TB4 355592	16.90 0.84 0.00	18.25 0.89 0.00	17.06 0.82 0.00	16.19 0.75 0.00	17.81 0.83 0.00	16.95 0.79 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.56 0.93 0.00	17.43 0.94 0.00	17.70 0.99 0.00	16.70 0.93 0.00	15.83 0.86 0.00	16.01 0.89 0.00	17.16 0.99 0.00	18.78 1.03 0.00	19.75 1.07 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.55 1.43 0.00	29.30 1.54 -0.11	23.64 1.30 -0.06	21.20 1.19 0.00	17.11 0.90 0.00
KCE_NY_1 323755	16.69 0.63 0.00	18.06 0.70 0.00	16.89 0.66 0.00	16.07 0.63 0.00	17.69 0.71 0.00	16.88 0.71 0.00	13.82 0.61 0.00	16.40 0.77 0.00	17.46 0.84 0.00	17.19 0.71 0.00	17.45 0.73 0.00	16.50 0.73 0.00	15.67 0.70 0.00	15.85 0.73 0.00	16.99 0.82 0.00	18.67 0.92 0.00	19.66 0.98 0.00	19.90 1.08 0.00	22.93 1.26 0.00	26.55 1.42 0.00	29.03 1.49 0.11	23.37 1.15 0.06	20.98 0.97 0.00	16.92 0.71 0.00
KCE_NY_6_ESR 323823	15.80 -0.25 0.00	17.03 -0.33 0.00	15.87 -0.36 0.00	15.09 -0.34 0.00	16.65 -0.33 0.00	15.92 -0.24 0.00	13.05 -0.16 0.00	15.39 -0.24 0.00	16.51 -0.11 0.00	16.44 -0.04 0.00	16.59 -0.12 0.00	15.65 -0.12 0.00	14.93 -0.04 0.00	14.96 -0.16 0.00	15.83 -0.34 0.00	17.25 -0.50 0.00	18.41 -0.27 0.00	18.26 -0.56 0.00	21.10 -0.57 0.00	24.61 -0.51 0.00	27.37 -0.28 0.00	22.35 0.07 0.00	20.11 0.10 0.00	16.42 0.21 0.00
KEDC_PORT_JEFF_GT2 24210	17.43 1.37 0.00	18.81 1.45 0.00	17.56 1.33 0.00	16.65 1.21 0.00	18.33 1.35 0.00	17.46 1.30 0.00	14.47 1.26 0.00	17.08 1.45 0.00	18.17 1.55 0.00	17.87 1.39 0.00	18.71 1.63 -0.36	17.84 1.53 -0.54	16.89 1.40 -0.51	16.92 1.39 -0.40	17.12 1.58 0.63	19.53 1.65 -0.13	20.28 1.59 -0.01	22.30 1.41 -2.07	23.11 1.44 0.00	26.75 1.62 0.00	29.67 1.91 -0.11	25.65 1.95 -1.42	22.44 1.90 -0.54	17.73 1.52 0.00
KEDC_PORT_JEFF_GT3 24211	17.43 1.37 0.00	18.81 1.45 0.00	17.56 1.33 0.00	16.65 1.21 0.00	18.33 1.35 0.00	17.46 1.30 0.00	14.47 1.26 0.00	17.08 1.45 0.00	18.17 1.55 0.00	17.87 1.39 0.00	18.71 1.63 -0.36	17.84 1.53 -0.54	16.89 1.40 -0.51	16.92 1.39 -0.40	17.12 1.58 0.63	19.53 1.65 -0.13	20.28 1.59 -0.01	22.30 1.41 -2.07	23.11 1.44 0.00	26.75 1.62 0.00	29.67 1.91 -0.11	25.65 1.95 -1.42	22.44 1.90 -0.54	17.73 1.52 0.00
KEDC_GLWD_GT4 24219	17.05 0.99 0.00	18.40 1.04 0.00	17.19 0.95 0.00	16.30 0.86 0.00	17.93 0.96 0.00	17.07 0.90 0.00	14.11 0.90 0.00	16.67 1.04 0.00	17.71 1.08 0.00	17.53 1.04 0.00	19.80 1.19 -1.90	20.16 1.14 -3.25	20.85 1.06 -4.82	19.15 1.08 -2.96	18.72 1.19 -1.36	21.03 1.24 -2.05	19.90 1.21 -0.01	19.98 1.15 0.00	22.96 1.29 0.00	26.64 1.51 0.00	29.46 1.70 -0.11	32.62 1.53 -8.81	24.25 1.41 -2.83	17.29 1.08 -0.01
KEDC_GLWD_GT5 24220	17.05 0.99 0.00	18.40 1.04 0.00	17.19 0.95 0.00	16.30 0.86 0.00	17.93 0.96 0.00	17.07 0.90 0.00	14.11 0.90 0.00	16.67 1.04 0.00	17.71 1.08 0.00	17.53 1.04 0.00	19.80 1.19 -1.90	20.16 1.14 -3.25	20.85 1.06 -4.82	19.15 1.08 -2.96	18.72 1.19 -1.36	21.03 1.24 -2.05	19.90 1.21 -0.01	19.98 1.15 0.00	22.96 1.29 0.00	26.64 1.51 0.00	29.46 1.70 -0.11	32.62 1.53 -8.81	24.25 1.41 -2.83	17.29 1.08 -0.01
KENSICO____ 23655	16.87 0.80 0.00	18.21 0.85 0.00	17.01 0.78 0.00	16.15 0.71 0.00	17.76 0.78 0.00	16.90 0.73 0.00	13.93 0.72 0.00	16.48 0.85 0.00	17.49 0.87 0.00	17.36 0.88 0.00	17.64 0.93 0.00	16.64 0.87 0.00	15.78 0.80 0.00	15.96 0.84 0.00	17.11 0.94 0.00	18.72 0.97 0.00	19.68 1.01 0.00	19.81 0.99 0.00	22.78 1.11 0.00	26.46 1.33 0.00	29.19 1.44 -0.11	23.57 1.23 -0.06	21.15 1.14 0.00	17.06 0.86 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	17.08 1.02 0.00	18.43 1.07 0.00	17.22 0.98 0.00	16.34 0.90 0.00	17.96 0.99 0.00	17.10 0.94 0.00	14.10 0.88 0.00	16.69 1.06 0.00	17.72 1.10 0.00	17.59 1.11 0.00	17.77 1.06 0.00	16.73 0.96 0.00	15.84 0.86 0.00	16.06 0.94 0.00	17.19 1.02 0.00	18.90 1.15 0.00	19.86 1.18 0.00	20.04 1.22 0.00	23.14 1.47 0.00	26.92 1.79 0.00	29.63 1.93 -0.05	23.91 1.60 -0.03	21.44 1.43 0.00	17.30 1.09 0.00
KIAC_JFK_GT1 23816	16.87 0.81 0.01	18.20 0.85 0.01	17.00 0.78 0.01	16.18 0.74 0.00	17.77 0.79 0.00	16.92 0.76 0.00	13.97 0.76 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.41 0.93 0.00	17.66 0.96 0.01	16.69 0.92 0.00	15.85 0.88 0.00	16.02 0.90 0.00	17.15 0.98 0.00	18.76 1.01 0.00	19.74 1.06 0.00	19.87 1.05 0.00	22.83 1.17 0.01	26.53 1.40 0.00	29.21 1.46 -0.10	23.61 1.27 -0.06	21.22 1.21 0.00	17.11 0.90 0.00
KIAC_JFK_GT2 23817	16.87 0.81 0.01	18.20 0.85 0.01	17.00 0.78 0.01	16.18 0.74 0.00	17.77 0.79 0.00	16.92 0.76 0.00	13.97 0.76 0.00	16.52 0.89 0.00	17.53 0.91 0.00	17.41 0.93 0.00	17.66 0.96 0.01	16.69 0.92 0.00	15.85 0.88 0.00	16.02 0.90 0.00	17.15 0.98 0.00	18.76 1.01 0.00	19.74 1.06 0.00	19.87 1.05 0.00	22.83 1.17 0.01	26.53 1.40 0.00	29.21 1.46 -0.10	23.61 1.27 -0.06	21.22 1.21 0.00	17.11 0.90 0.00
KIAC_JFK____ 323774	16.87 0.81 0.01	18.20 0.85 0.01	17.00 0.78 0.01	16.18 0.74 0.00	17.77 0.79 0.00	16.92 0.76 0.00	13.97 0.76 0.00	16.53 0.89 0.00	17.53 0.91 0.00	17.41 0.93 0.00	17.66 0.96 0.01	16.69 0.92 0.00	15.85 0.88 0.00	16.02 0.90 0.00	17.15 0.98 0.00	18.76 1.02 0.00	19.74 1.06 0.00	19.88 1.06 0.00	22.82 1.16 0.01	26.53 1.40 0.00	29.21 1.46 -0.10	23.61 1.27 -0.06	21.23 1.22 0.00	17.11 0.90 0.00



KINTIGH____ 23543	15.55 -0.50 0.00	16.76 -0.60 0.00	15.63 -0.60 0.00	14.87 -0.57 0.00	16.38 -0.60 0.00	15.64 -0.53 0.00	12.81 -0.40 0.00	15.14 -0.49 0.00	16.21 -0.41 0.00	16.14 -0.35 0.00	16.28 -0.43 0.00	15.36 -0.41 0.00	14.65 -0.33 0.00	14.68 -0.44 0.00	15.54 -0.63 0.00	16.93 -0.82 0.00	18.05 -0.63 0.00	17.94 -0.88 0.00	20.69 -0.98 0.00	24.10 -1.03 0.00	26.75 -0.89 0.00	21.84 -0.44 0.00	19.65 -0.36 0.00	16.04 -0.17 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	16.63 0.57 0.00	17.90 0.54 0.00	16.74 0.50 0.00	15.91 0.48 0.00	17.52 0.55 0.00	16.70 0.54 0.00	13.58 0.36 0.00	16.03 0.40 0.00	17.05 0.42 0.00	16.90 0.42 0.00	17.10 0.39 0.00	16.19 0.43 0.00	15.49 0.52 0.00	15.69 0.58 0.00	16.76 0.59 0.00	18.39 0.65 0.00	19.28 0.60 0.00	19.48 0.66 0.00	22.47 0.79 0.00	25.97 0.84 0.00	28.51 0.86 0.00	22.94 0.66 0.00	20.55 0.54 0.00	16.72 0.51 0.00
LACHUTE__HYDRO 323717	17.23 1.17 0.00	18.61 1.25 0.00	17.51 1.28 0.00	16.70 1.27 0.00	18.44 1.46 0.00	17.69 1.53 0.00	14.49 1.28 0.00	17.26 1.62 0.00	18.37 1.75 0.00	18.03 1.55 0.00	18.23 1.52 0.00	17.29 1.52 0.00	16.44 1.47 0.00	16.76 1.64 0.00	17.99 1.82 0.00	19.81 2.06 0.00	20.94 2.26 0.00	21.30 2.47 0.00	24.49 2.82 0.00	28.27 3.15 0.00	30.77 3.23 0.10	24.69 2.47 0.06	21.97 1.96 0.00	17.69 1.48 0.00
LAWRNCV_115KV_TB1 80681	16.07 0.01 0.00	17.36 0.00 0.00	16.22 -0.02 0.00	15.47 0.04 0.00	17.01 0.03 0.00	16.20 0.03 0.00	13.19 -0.02 0.00	15.62 -0.01 0.00	16.54 -0.08 0.00	16.35 -0.13 0.00	16.56 -0.15 0.00	15.61 -0.16 0.00	14.81 -0.17 0.00	14.95 -0.16 0.00	15.97 -0.20 0.00	17.60 -0.15 0.00	18.42 -0.26 0.00	18.56 -0.26 0.00	21.42 -0.25 0.00	24.81 -0.31 0.00	27.37 -0.28 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.17 -0.04 0.00
LEDERLE____ 23769	16.90 0.84 0.00	18.24 0.88 0.00	17.04 0.81 0.00	16.16 0.72 0.00	17.77 0.79 0.00	16.92 0.75 0.00	13.95 0.74 0.00	16.51 0.87 0.00	17.51 0.89 0.00	17.38 0.90 0.00	17.66 0.94 0.00	16.66 0.89 0.00	15.80 0.82 0.00	15.98 0.86 0.00	17.14 0.97 0.00	18.75 1.01 0.00	19.73 1.05 0.00	19.87 1.05 0.00	22.86 1.19 0.00	26.54 1.42 0.00	29.28 1.53 -0.10	23.65 1.31 -0.06	21.19 1.18 0.00	17.09 0.88 0.00
LIGHTHSE_115KV_TB6 355974	15.88 -0.18 0.00	17.11 -0.25 0.00	15.98 -0.25 0.00	15.22 -0.22 0.00	16.76 -0.22 0.00	15.95 -0.21 0.00	13.06 -0.15 0.00	15.49 -0.14 0.00	16.51 -0.11 0.00	16.35 -0.13 0.00	16.54 -0.17 0.00	15.58 -0.18 0.00	14.79 -0.18 0.00	14.90 -0.22 0.00	15.92 -0.25 0.00	17.47 -0.28 0.00	18.50 -0.18 0.00	18.70 -0.12 0.00	21.58 -0.09 0.00	25.00 -0.13 0.00	27.53 -0.12 0.00	22.24 -0.04 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
LINDEN COGEN____ 23786	16.91 0.85 0.00	18.26 0.90 0.00	17.05 0.82 0.00	16.18 0.74 0.00	17.79 0.81 0.00	16.90 0.74 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.51 0.88 0.00	17.40 0.92 0.00	17.68 0.96 0.00	16.70 0.93 0.00	15.83 0.85 0.00	16.01 0.89 0.00	17.18 1.00 0.00	18.76 1.01 0.00	19.72 1.04 0.00	19.83 1.01 0.00	22.80 1.13 0.00	26.51 1.38 0.00	29.23 1.47 -0.11	23.60 1.25 -0.06	21.20 1.19 0.00	17.12 0.91 0.00
LINDHRST_69_KV_BK1 356055	17.33 1.28 0.00	18.71 1.35 0.00	17.46 1.23 0.00	16.55 1.11 0.00	18.22 1.24 0.00	17.35 1.18 0.00	14.38 1.17 0.00	16.96 1.32 0.00	18.04 1.42 0.00	17.76 1.28 0.00	19.12 1.53 -0.88	18.67 1.43 -1.47	18.34 1.33 -2.04	17.72 1.31 -1.29	17.86 1.48 -0.21	20.13 1.56 -0.83	20.18 1.50 0.00	20.36 1.38 -0.15	23.18 1.51 0.00	26.87 1.75 0.00	29.80 2.04 -0.11	28.18 1.94 -3.96	23.12 1.80 -1.31	17.61 1.40 0.00
LIPA_MISC_IPP 23656	17.52 1.46 0.00	18.91 1.55 0.00	17.65 1.42 0.00	16.73 1.30 0.00	18.42 1.44 0.00	17.54 1.38 0.00	14.55 1.34 0.00	17.17 1.53 0.00	18.27 1.65 0.00	17.96 1.48 0.00	18.78 1.72 -0.35	17.91 1.62 -0.52	16.91 1.46 -0.47	16.96 1.46 -0.38	17.16 1.64 0.65	19.59 1.73 -0.11	20.38 1.70 0.00	22.15 1.60 -1.74	23.40 1.73 0.00	27.08 1.95 0.00	30.03 2.27 -0.11	25.80 2.16 -1.36	22.57 2.05 -0.52	17.82 1.62 0.00
LISF__SOLAR 323691	17.55 1.49 0.00	18.94 1.58 0.00	17.68 1.44 0.00	16.76 1.32 0.00	18.45 1.47 0.00	17.57 1.41 0.00	14.57 1.36 0.00	17.20 1.57 0.00	18.30 1.67 0.00	17.99 1.51 0.00	18.81 1.75 -0.35	17.93 1.64 -0.53	16.93 1.47 -0.49	16.98 1.47 -0.39	17.19 1.66 0.65	19.62 1.75 -0.12	20.41 1.73 0.00	22.22 1.64 -1.76	23.44 1.77 0.00	27.14 2.01 0.00	30.09 2.34 -0.11	25.87 2.21 -1.39	22.62 2.09 -0.53	17.86 1.65 0.00
LITTLE FALLS__HYD 24013	16.34 0.28 0.00	17.66 0.30 0.00	16.51 0.28 0.00	15.67 0.23 0.00	17.25 0.27 0.00	16.37 0.20 0.00	13.48 0.27 0.00	16.02 0.39 0.00	16.99 0.37 0.00	16.53 0.05 0.00	16.86 0.15 0.00	15.89 0.12 0.00	15.01 0.04 0.00	15.15 0.03 0.00	16.31 0.14 0.00	18.02 0.28 0.00	19.04 0.36 0.00	19.38 0.56 0.00	22.42 0.74 0.00	25.99 0.86 0.00	28.53 0.87 0.00	22.91 0.63 0.00	20.51 0.50 0.00	16.54 0.33 0.00
LITTLRIV_115KV_TB1 356100	16.23 0.17 0.00	17.53 0.17 0.00	16.37 0.14 0.00	15.61 0.18 0.00	17.18 0.20 0.00	16.36 0.19 0.00	13.33 0.12 0.00	15.80 0.16 0.00	16.73 0.10 0.00	16.55 0.07 0.00	16.78 0.06 0.00	15.79 0.02 0.00	14.97 -0.01 0.00	15.12 0.00 0.00	16.15 -0.03 0.00	17.81 0.06 0.00	18.63 -0.05 0.00	18.80 -0.03 0.00	21.72 0.05 0.00	25.17 0.04 0.00	27.76 0.11 0.00	22.48 0.20 0.00	20.23 0.22 0.00	16.33 0.13 0.00
LI_NEWBRDGE__DRP 323616	17.02 0.96 0.00	18.38 1.02 0.00	17.16 0.93 0.00	16.27 0.84 0.00	17.91 0.93 0.00	17.05 0.89 0.00	14.11 0.90 0.00	16.65 1.02 0.00	17.71 1.09 0.00	17.47 0.99 0.00	18.00 1.22 -0.07	16.97 1.18 -0.02	15.73 1.10 0.35	16.10 1.08 0.10	16.28 1.20 1.10	18.73 1.24 0.26	19.82 1.15 0.01	19.86 1.04 0.00	22.80 1.13 0.00	26.43 1.31 0.00	29.29 1.54 -0.10	23.77 1.50 0.01	21.52 1.41 -0.10	17.28 1.08 0.01
LOCKPORT_115KV_TB60_63_64 80432	15.54 -0.52 0.00	16.74 -0.62 0.00	15.62 -0.62 0.00	14.86 -0.57 0.00	16.38 -0.59 0.00	15.65 -0.51 0.00	12.82 -0.39 0.00	15.15 -0.49 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.41 0.00	15.38 -0.39 0.00	14.69 -0.29 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.85 0.00	18.05 -0.63 0.00	17.91 -0.91 0.00	20.65 -1.02 0.00	24.09 -1.03 0.00	26.80 -0.85 0.00	21.93 -0.35 0.00	19.73 -0.28 0.00	16.13 -0.08 0.00
LOCKPORT__CC1 323769	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.58 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.83 -0.39 0.00	15.14 -0.50 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.42 0.00	15.37 -0.40 0.00	14.68 -0.30 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.86 0.00	18.05 -0.63 0.00	17.88 -0.94 0.00	20.65 -1.02 0.00	24.08 -1.05 0.00	26.80 -0.85 0.00	21.92 -0.36 0.00	19.72 -0.29 0.00	16.12 -0.09 0.00



LOCKPORT___CC2 323770	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.58 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.83 -0.39 0.00	15.14 -0.50 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.42 0.00	15.37 -0.40 0.00	14.68 -0.30 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.86 0.00	18.05 -0.63 0.00	17.88 -0.94 0.00	20.65 -1.02 0.00	24.08 -1.05 0.00	26.80 -0.85 0.00	21.92 -0.36 0.00	19.72 -0.29 0.00	16.12 -0.09 0.00
LOCKPORT___CC3 323771	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.58 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.83 -0.39 0.00	15.14 -0.50 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.42 0.00	15.37 -0.40 0.00	14.68 -0.30 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.86 0.00	18.05 -0.63 0.00	17.88 -0.94 0.00	20.65 -1.02 0.00	24.08 -1.05 0.00	26.80 -0.85 0.00	21.92 -0.36 0.00	19.72 -0.29 0.00	16.12 -0.09 0.00
LONG_LAKE_PHOENIX 24014	15.91 -0.15 0.00	17.18 -0.18 0.00	16.04 -0.19 0.00	15.25 -0.19 0.00	16.77 -0.21 0.00	15.97 -0.19 0.00	13.07 -0.14 0.00	15.46 -0.18 0.00	16.46 -0.16 0.00	16.33 -0.15 0.00	16.57 -0.14 0.00	15.62 -0.14 0.00	14.83 -0.14 0.00	14.96 -0.16 0.00	15.99 -0.19 0.00	17.51 -0.24 0.00	18.48 -0.20 0.00	18.62 -0.20 0.00	21.44 -0.22 0.00	24.86 -0.26 0.00	27.38 -0.26 0.00	22.10 -0.18 0.00	19.83 -0.18 0.00	16.11 -0.10 0.00
LOVETT___3 23632	16.82 0.76 0.00	18.16 0.80 0.00	16.96 0.73 0.00	16.09 0.66 0.00	17.70 0.72 0.00	16.84 0.68 0.00	13.89 0.68 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.30 0.82 0.00	17.57 0.86 0.00	16.58 0.81 0.00	15.72 0.74 0.00	15.90 0.78 0.00	17.06 0.88 0.00	18.66 0.91 0.00	19.62 0.94 0.00	19.75 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.37 -0.10	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.80 0.00
LOVETT___4 23642	16.82 0.76 0.00	18.16 0.80 0.00	16.96 0.73 0.00	16.09 0.66 0.00	17.70 0.72 0.00	16.84 0.68 0.00	13.89 0.68 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.30 0.82 0.00	17.57 0.86 0.00	16.58 0.81 0.00	15.72 0.74 0.00	15.90 0.78 0.00	17.06 0.88 0.00	18.66 0.91 0.00	19.62 0.94 0.00	19.75 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.37 -0.10	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.80 0.00
LOVETT___5 23593	16.82 0.76 0.00	18.16 0.80 0.00	16.96 0.73 0.00	16.09 0.66 0.00	17.70 0.72 0.00	16.84 0.68 0.00	13.89 0.68 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.30 0.82 0.00	17.57 0.86 0.00	16.58 0.81 0.00	15.72 0.74 0.00	15.90 0.78 0.00	17.06 0.88 0.00	18.66 0.91 0.00	19.62 0.94 0.00	19.75 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.37 -0.10	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.80 0.00
LOWER RAQUET___HYD 24057	16.07 0.01 0.00	17.35 -0.01 0.00	16.21 -0.02 0.00	15.46 0.03 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.19 -0.03 0.00	15.62 -0.01 0.00	16.53 -0.10 0.00	16.32 -0.16 0.00	16.53 -0.19 0.00	15.58 -0.19 0.00	14.77 -0.21 0.00	14.91 -0.21 0.00	15.93 -0.25 0.00	17.55 -0.19 0.00	18.36 -0.32 0.00	18.51 -0.31 0.00	21.37 -0.30 0.00	24.75 -0.37 0.00	27.33 -0.32 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.18 -0.04 0.00
LOWER___HUDSON 24059	16.52 0.46 0.00	17.88 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.52 0.54 0.00	16.68 0.52 0.00	13.65 0.44 0.00	16.18 0.54 0.00	17.18 0.56 0.00	16.98 0.50 0.00	17.23 0.52 0.00	16.28 0.52 0.00	15.45 0.47 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.38 0.64 0.00	19.36 0.68 0.00	19.56 0.74 0.00	22.50 0.83 0.00	26.07 0.95 0.00	28.51 0.99 0.13	23.02 0.82 0.08	20.70 0.68 0.00	16.71 0.50 0.00
LOWVILLE_115KV_TB2 356335	16.00 -0.06 0.00	17.24 -0.12 0.00	16.09 -0.14 0.00	15.40 -0.04 0.00	16.96 -0.02 0.00	16.13 -0.04 0.00	13.19 -0.02 0.00	15.72 0.08 0.00	16.75 0.13 0.00	16.53 0.05 0.00	16.65 -0.06 0.00	15.67 -0.09 0.00	14.86 -0.12 0.00	15.00 -0.12 0.00	16.07 -0.10 0.00	17.72 -0.03 0.00	18.85 0.17 0.00	19.13 0.31 0.00	22.12 0.45 0.00	25.55 0.42 0.00	28.12 0.47 0.00	22.69 0.41 0.00	20.36 0.35 0.00	16.41 0.20 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	16.69 0.64 0.00	18.06 0.70 0.00	16.91 0.67 0.00	16.08 0.64 0.00	17.70 0.72 0.00	16.87 0.71 0.00	13.82 0.61 0.00	16.39 0.76 0.00	17.43 0.81 0.00	17.18 0.70 0.00	17.43 0.72 0.00	16.48 0.71 0.00	15.66 0.68 0.00	15.84 0.72 0.00	16.99 0.81 0.00	18.65 0.90 0.00	19.65 0.97 0.00	19.88 1.06 0.00	22.89 1.22 0.00	26.50 1.38 0.00	28.99 1.45 0.11	23.37 1.15 0.06	20.97 0.96 0.00	16.92 0.71 0.00
LUTHERNY_35_KV_BK2 355980	16.69 0.63 0.00	18.06 0.70 0.00	16.89 0.66 0.00	16.07 0.63 0.00	17.69 0.71 0.00	16.88 0.71 0.00	13.82 0.61 0.00	16.40 0.77 0.00	17.46 0.84 0.00	17.19 0.71 0.00	17.45 0.73 0.00	16.50 0.73 0.00	15.67 0.70 0.00	15.85 0.73 0.00	16.99 0.82 0.00	18.67 0.92 0.00	19.66 0.98 0.00	19.91 1.08 0.00	22.93 1.26 0.00	26.55 1.42 0.00	29.03 1.49 0.11	23.37 1.15 0.06	20.98 0.97 0.00	16.92 0.71 0.00
LWR___OSWEGATCHIE_HYD 23850	15.96 -0.10 0.00	17.22 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
LYONS_FALL_HYD 23570	16.13 0.07 0.00	17.40 0.04 0.00	16.25 0.02 0.00	15.52 0.08 0.00	17.08 0.10 0.00	16.25 0.09 0.00	13.30 0.09 0.00	15.82 0.19 0.00	16.86 0.23 0.00	16.65 0.16 0.00	16.81 0.10 0.00	15.83 0.06 0.00	15.01 0.04 0.00	15.14 0.02 0.00	16.23 0.06 0.00	17.87 0.12 0.00	18.96 0.28 0.00	19.21 0.39 0.00	22.18 0.52 0.00	25.66 0.54 0.00	28.23 0.58 0.00	22.75 0.47 0.00	20.41 0.40 0.00	16.47 0.26 0.00
MADISON___COUNTY_LFGE 323628	16.39 0.33 0.00	17.70 0.34 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.33 0.35 0.00	16.50 0.34 0.00	13.52 0.31 0.00	16.05 0.42 0.00	17.10 0.48 0.00	16.91 0.43 0.00	17.12 0.40 0.00	16.11 0.34 0.00	15.30 0.33 0.00	15.40 0.28 0.00	16.50 0.32 0.00	18.14 0.39 0.00	19.22 0.54 0.00	19.39 0.57 0.00	22.36 0.69 0.00	25.94 0.82 0.00	28.54 0.89 0.00	22.98 0.70 0.00	20.60 0.59 0.00	16.67 0.47 0.00
MALONE___115KV_TB1 356076	16.48 0.42 0.00	17.75 0.39 0.00	16.58 0.34 0.00	15.78 0.34 0.00	17.37 0.39 0.00	16.55 0.39 0.00	13.45 0.24 0.00	15.92 0.28 0.00	16.92 0.29 0.00	16.78 0.30 0.00	17.00 0.28 0.00	16.06 0.30 0.00	15.32 0.34 0.00	15.46 0.34 0.00	16.54 0.36 0.00	18.19 0.44 0.00	19.04 0.37 0.00	19.21 0.39 0.00	22.17 0.50 0.00	25.66 0.53 0.00	28.22 0.57 0.00	22.77 0.48 0.00	20.43 0.42 0.00	16.56 0.36 0.00



MAPLEWOD_115KV_TB3 80458	16.43 0.36 0.00	17.79 0.43 0.00	16.66 0.42 0.00	15.83 0.40 0.00	17.43 0.45 0.00	16.59 0.43 0.00	13.59 0.38 0.00	16.10 0.47 0.00	17.09 0.46 0.00	16.90 0.42 0.00	17.14 0.42 0.00	16.19 0.42 0.00	15.38 0.40 0.00	15.56 0.44 0.00	16.69 0.52 0.00	18.31 0.56 0.00	19.29 0.61 0.00	19.50 0.67 0.00	22.43 0.76 0.00	25.98 0.85 0.00	28.44 0.91 0.12	22.94 0.73 0.07	20.63 0.62 0.00	16.65 0.45 0.00
MAPLE_RIDGE_WT_1 323574	15.83 -0.23 0.00	17.08 -0.28 0.00	15.94 -0.29 0.00	15.17 -0.27 0.00	16.76 -0.22 0.00	15.96 -0.20 0.00	13.03 -0.18 0.00	15.42 -0.21 0.00	16.44 -0.19 0.00	16.29 -0.20 0.00	16.50 -0.21 0.00	15.58 -0.18 0.00	14.77 -0.21 0.00	14.94 -0.18 0.00	16.03 -0.14 0.00	17.61 -0.14 0.00	18.60 -0.08 0.00	18.82 0.00 0.00	21.69 0.01 0.00	25.11 -0.02 0.00	27.62 -0.03 0.00	22.25 -0.03 0.00	20.02 0.02 0.00	16.17 -0.04 0.00
MAPLE_RIDGE_WT_2 323611	15.83 -0.23 0.00	17.08 -0.28 0.00	15.94 -0.29 0.00	15.17 -0.27 0.00	16.76 -0.22 0.00	15.96 -0.20 0.00	13.03 -0.18 0.00	15.42 -0.21 0.00	16.44 -0.19 0.00	16.29 -0.20 0.00	16.50 -0.21 0.00	15.58 -0.18 0.00	14.77 -0.21 0.00	14.94 -0.18 0.00	16.03 -0.14 0.00	17.61 -0.14 0.00	18.60 -0.08 0.00	18.82 0.00 0.00	21.69 0.01 0.00	25.11 -0.02 0.00	27.62 -0.03 0.00	22.25 -0.03 0.00	20.02 0.02 0.00	16.17 -0.04 0.00
MARBLE_RIVER_WT_PWR 323696	16.45 0.40 0.00	17.72 0.36 0.00	16.56 0.33 0.00	15.75 0.31 0.00	17.34 0.36 0.00	16.53 0.36 0.00	13.41 0.20 0.00	15.84 0.21 0.00	16.84 0.21 0.00	16.71 0.23 0.00	16.91 0.19 0.00	16.02 0.25 0.00	15.31 0.33 0.00	15.49 0.37 0.00	16.55 0.38 0.00	18.17 0.42 0.00	19.02 0.34 0.00	19.20 0.38 0.00	22.13 0.46 0.00	25.59 0.46 0.00	28.12 0.47 0.00	22.66 0.38 0.00	20.33 0.32 0.00	16.53 0.32 0.00
MARSHVLE_115KV_TB1 80742	16.73 0.67 0.00	18.08 0.72 0.00	16.85 0.62 0.00	16.04 0.60 0.00	17.66 0.68 0.00	16.78 0.62 0.00	13.71 0.50 0.00	16.23 0.60 0.00	17.30 0.68 0.00	17.14 0.66 0.00	17.34 0.63 0.00	16.35 0.58 0.00	15.46 0.49 0.00	15.63 0.51 0.00	16.65 0.48 0.00	18.26 0.51 0.00	19.32 0.64 0.00	19.57 0.75 0.00	22.59 0.91 0.00	26.19 1.06 0.00	28.77 1.21 0.09	23.23 1.01 0.05	20.94 0.93 0.00	16.96 0.76 0.00
MARSH_HILL_WT_PWR 323713	16.03 -0.03 0.00	17.31 -0.05 0.00	15.97 -0.26 0.00	15.12 -0.31 0.00	16.80 -0.18 0.00	15.90 -0.27 0.00	12.96 -0.25 0.00	15.27 -0.37 0.00	16.27 -0.35 0.00	16.24 -0.24 0.00	16.50 -0.21 0.00	15.42 -0.35 0.00	14.65 -0.33 0.00	14.62 -0.50 0.00	15.59 -0.59 0.00	17.18 -0.57 0.00	18.45 -0.23 0.00	18.52 -0.30 0.00	21.50 -0.17 0.00	24.98 -0.15 0.00	27.67 0.02 0.00	22.55 0.27 0.00	20.39 0.38 0.00	16.66 0.46 0.00
MCINTYRE_115KV_TB2 80467	16.29 0.24 0.00	17.60 0.24 0.00	16.44 0.21 0.00	15.68 0.25 0.00	17.25 0.27 0.00	16.42 0.26 0.00	13.39 0.17 0.00	15.86 0.23 0.00	16.82 0.19 0.00	16.66 0.18 0.00	16.91 0.19 0.00	15.88 0.12 0.00	15.07 0.09 0.00	15.23 0.11 0.00	16.25 0.08 0.00	17.94 0.19 0.00	18.76 0.09 0.00	18.94 0.12 0.00	21.90 0.23 0.00	25.38 0.25 0.00	27.95 0.30 0.00	22.58 0.30 0.00	20.29 0.28 0.00	16.39 0.18 0.00
MECO____69_KV_BK1 80468	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.28 0.84 0.00	17.91 0.93 0.00	17.06 0.89 0.00	13.95 0.74 0.00	16.62 0.98 0.00	17.46 0.84 0.00	16.48 0.00 0.00	17.25 0.53 0.00	16.09 0.32 0.00	15.17 0.19 0.00	15.70 0.57 0.00	16.66 0.49 0.00	18.82 1.07 0.00	19.63 0.94 0.00	20.54 1.72 0.00	23.33 1.66 0.00	26.95 1.82 0.00	29.50 1.93 0.09	23.77 1.55 0.05	21.32 1.31 0.00	17.19 0.98 0.00
MENANDS_115KV_TB5 355628	16.34 0.28 0.00	17.70 0.34 0.00	16.58 0.35 0.00	15.76 0.33 0.00	17.34 0.36 0.00	16.52 0.35 0.00	13.52 0.31 0.00	16.02 0.39 0.00	17.00 0.38 0.00	16.82 0.34 0.00	17.06 0.35 0.00	16.12 0.36 0.00	15.30 0.33 0.00	15.49 0.37 0.00	16.61 0.44 0.00	18.21 0.46 0.00	19.18 0.50 0.00	19.38 0.56 0.00	22.29 0.62 0.00	25.81 0.69 0.00	28.27 0.74 0.12	22.80 0.59 0.07	20.51 0.50 0.00	16.56 0.35 0.00
MG INDUSTRY__DRP 24185	16.43 0.37 0.00	17.80 0.44 0.00	16.68 0.44 0.00	15.85 0.42 0.00	17.44 0.47 0.00	16.60 0.44 0.00	13.59 0.38 0.00	16.10 0.46 0.00	17.09 0.47 0.00	16.90 0.41 0.00	17.11 0.39 0.00	16.18 0.41 0.00	15.37 0.40 0.00	15.54 0.42 0.00	16.67 0.49 0.00	18.28 0.53 0.00	19.26 0.58 0.00	19.46 0.64 0.00	22.37 0.70 0.00	25.91 0.78 0.00	28.43 0.85 0.07	22.92 0.69 0.04	20.61 0.60 0.00	16.65 0.44 0.00
MID__OSWEGATCHIE_HYD 23849	15.96 -0.10 0.00	17.22 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
MID__RAQUETTE_HYD 23851	16.07 0.01 0.00	17.35 -0.01 0.00	16.21 -0.02 0.00	15.46 0.03 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.19 -0.03 0.00	15.62 -0.01 0.00	16.53 -0.10 0.00	16.32 -0.16 0.00	16.53 -0.19 0.00	15.58 -0.19 0.00	14.77 -0.21 0.00	14.91 -0.21 0.00	15.93 -0.25 0.00	17.55 -0.19 0.00	18.36 -0.32 0.00	18.52 -0.31 0.00	21.37 -0.30 0.00	24.75 -0.37 0.00	27.33 -0.32 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.17 -0.04 0.00
MILLIKEN__1 23584	16.46 0.40 0.00	17.74 0.38 0.00	16.55 0.31 0.00	15.72 0.28 0.00	17.31 0.33 0.00	16.48 0.31 0.00	13.54 0.32 0.00	16.03 0.40 0.00	17.11 0.48 0.00	16.96 0.48 0.00	17.15 0.43 0.00	16.12 0.35 0.00	15.32 0.34 0.00	15.42 0.30 0.00	16.46 0.29 0.00	18.12 0.37 0.00	19.18 0.50 0.00	19.34 0.51 0.00	22.30 0.63 0.00	25.93 0.80 0.00	28.60 0.95 0.00	23.02 0.74 0.00	20.66 0.64 0.00	16.73 0.52 0.00
MILLIKEN__2 23585	16.46 0.40 0.00	17.74 0.38 0.00	16.55 0.31 0.00	15.72 0.28 0.00	17.31 0.33 0.00	16.48 0.31 0.00	13.54 0.32 0.00	16.03 0.40 0.00	17.11 0.48 0.00	16.96 0.48 0.00	17.15 0.43 0.00	16.12 0.35 0.00	15.32 0.34 0.00	15.42 0.30 0.00	16.46 0.29 0.00	18.12 0.37 0.00	19.18 0.50 0.00	19.34 0.51 0.00	22.30 0.63 0.00	25.93 0.80 0.00	28.60 0.95 0.00	23.02 0.74 0.00	20.66 0.64 0.00	16.73 0.52 0.00
MILLIKEN__DIESEL 23629	16.46 0.40 0.00	17.74 0.38 0.00	16.55 0.31 0.00	15.72 0.28 0.00	17.31 0.33 0.00	16.48 0.31 0.00	13.54 0.32 0.00	16.03 0.40 0.00	17.11 0.48 0.00	16.96 0.48 0.00	17.15 0.43 0.00	16.12 0.35 0.00	15.32 0.34 0.00	15.42 0.30 0.00	16.46 0.29 0.00	18.12 0.37 0.00	19.18 0.50 0.00	19.34 0.51 0.00	22.30 0.63 0.00	25.93 0.80 0.00	28.60 0.95 0.00	23.02 0.74 0.00	20.66 0.64 0.00	16.73 0.52 0.00



MILLSEAT___LFGE 323607	15.85 -0.21 0.00	17.06 -0.30 0.00	15.90 -0.33 0.00	15.13 -0.31 0.00	16.67 -0.31 0.00	15.93 -0.23 0.00	13.06 -0.15 0.00	15.43 -0.20 0.00	16.55 -0.07 0.00	16.47 -0.01 0.00	16.59 -0.12 0.00	15.65 -0.12 0.00	14.94 -0.03 0.00	14.97 -0.15 0.00	15.82 -0.36 0.00	17.28 -0.47 0.00	18.45 -0.23 0.00	18.34 -0.48 0.00	21.19 -0.48 0.00	24.70 -0.42 0.00	27.43 -0.22 0.00	22.37 0.08 0.00	20.08 0.07 0.00	16.38 0.17 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	16.84 0.78 0.00	18.19 0.82 0.00	16.99 0.76 0.00	16.13 0.69 0.00	17.73 0.75 0.00	16.87 0.71 0.00	13.92 0.70 0.00	16.46 0.82 0.00	17.47 0.84 0.00	17.33 0.85 0.00	17.61 0.89 0.00	16.61 0.84 0.00	15.75 0.78 0.00	15.93 0.81 0.00	17.08 0.91 0.00	18.69 0.94 0.00	19.66 0.97 0.00	19.78 0.96 0.00	22.75 1.09 0.00	26.42 1.29 0.00	29.15 1.39 -0.11	23.53 1.19 -0.06	21.11 1.10 0.00	17.04 0.83 0.00
MILLWOOD_13_KV_LOAD 356217	16.87 0.82 0.00	18.22 0.86 0.00	17.03 0.79 0.00	16.16 0.72 0.00	17.77 0.79 0.00	16.91 0.74 0.00	13.94 0.73 0.00	16.49 0.86 0.00	17.51 0.88 0.00	17.37 0.89 0.00	17.65 0.94 0.00	16.65 0.88 0.00	15.79 0.81 0.00	15.96 0.84 0.00	17.12 0.95 0.00	18.74 0.99 0.00	19.69 1.02 0.00	19.83 1.01 0.00	22.80 1.13 0.00	26.48 1.36 0.00	29.22 1.46 -0.11	23.59 1.25 -0.06	21.16 1.15 0.00	17.07 0.87 0.00
MODEL_CITY_ENERGY 24167	15.38 -0.68 0.00	16.57 -0.79 0.00	15.45 -0.78 0.00	14.71 -0.73 0.00	16.21 -0.77 0.00	15.50 -0.67 0.00	12.69 -0.52 0.00	14.97 -0.66 0.00	16.07 -0.56 0.00	16.00 -0.48 0.00	16.12 -0.60 0.00	15.21 -0.56 0.00	14.53 -0.45 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.70 -1.05 0.00	17.84 -0.84 0.00	17.67 -1.15 0.00	20.39 -1.28 0.00	23.78 -1.35 0.00	26.48 -1.17 0.00	21.68 -0.60 0.00	19.51 -0.51 0.00	15.95 -0.26 0.00
MODERN_LFGE___ 323580	15.38 -0.68 0.00	16.57 -0.79 0.00	15.45 -0.78 0.00	14.71 -0.73 0.00	16.21 -0.77 0.00	15.50 -0.67 0.00	12.69 -0.52 0.00	14.97 -0.66 0.00	16.07 -0.56 0.00	16.00 -0.48 0.00	16.12 -0.60 0.00	15.21 -0.56 0.00	14.53 -0.45 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.70 -1.05 0.00	17.84 -0.84 0.00	17.67 -1.15 0.00	20.39 -1.28 0.00	23.78 -1.35 0.00	26.48 -1.17 0.00	21.68 -0.60 0.00	19.51 -0.51 0.00	15.95 -0.26 0.00
MOHAWK_PAPER___DRP 24187	16.43 0.36 0.00	17.79 0.43 0.00	16.66 0.42 0.00	15.83 0.40 0.00	17.43 0.45 0.00	16.59 0.43 0.00	13.59 0.38 0.00	16.10 0.47 0.00	17.09 0.46 0.00	16.90 0.42 0.00	17.14 0.42 0.00	16.19 0.42 0.00	15.38 0.40 0.00	15.56 0.44 0.00	16.69 0.52 0.00	18.31 0.56 0.00	19.29 0.61 0.00	19.50 0.67 0.00	22.43 0.76 0.00	25.98 0.85 0.00	28.44 0.91 0.12	22.94 0.73 0.07	20.63 0.62 0.00	16.65 0.45 0.00
MOHICAN___35_KV_115KV_LD 80490	16.72 0.66 0.00	18.08 0.71 0.00	16.94 0.70 0.00	16.12 0.68 0.00	17.75 0.77 0.00	16.94 0.78 0.00	13.87 0.66 0.00	16.48 0.85 0.00	17.54 0.91 0.00	17.24 0.76 0.00	17.49 0.77 0.00	16.55 0.78 0.00	15.72 0.75 0.00	15.93 0.81 0.00	17.10 0.92 0.00	18.79 1.04 0.00	19.81 1.13 0.00	20.09 1.26 0.00	23.12 1.45 0.00	26.76 1.64 0.00	29.23 1.69 0.10	23.51 1.30 0.06	21.04 1.03 0.00	16.95 0.75 0.00
MONGAUP___HYD 23641	16.86 0.80 0.00	18.21 0.85 0.00	17.02 0.78 0.00	16.14 0.71 0.00	17.76 0.78 0.00	16.90 0.74 0.00	13.91 0.70 0.00	16.47 0.84 0.00	17.49 0.87 0.00	17.28 0.79 0.00	17.46 0.75 0.00	16.36 0.59 0.00	15.47 0.49 0.00	15.69 0.57 0.00	16.84 0.66 0.00	18.53 0.78 0.00	19.62 0.93 0.00	19.80 0.98 0.00	22.84 1.17 0.00	26.51 1.39 0.00	29.25 1.52 -0.09	23.60 1.27 -0.05	21.18 1.17 0.00	17.08 0.87 0.00
MONTAUK___DIESEL 23721	18.05 1.99 0.00	19.46 2.10 0.00	18.16 1.92 0.00	17.22 1.78 0.00	18.96 1.98 0.00	18.07 1.91 0.00	15.00 1.79 0.00	17.71 2.08 0.00	18.88 2.26 0.00	18.59 2.11 -0.35	19.44 2.38 -0.52	18.53 2.24 -0.48	17.44 1.98 -0.39	17.46 1.96 -0.39	17.71 2.19 0.65	20.21 2.35 -0.12	21.10 2.42 0.00	22.94 2.37 -1.75	24.33 2.65 0.00	28.13 3.00 0.00	31.18 3.42 -0.11	26.67 3.03 -1.37	23.29 2.76 -0.52	18.38 2.18 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	15.81 -0.25 0.00	17.08 -0.28 0.00	15.95 -0.28 0.00	15.12 -0.31 0.00	16.68 -0.30 0.00	16.09 -0.08 0.00	13.19 -0.03 0.00	15.58 -0.05 0.00	16.70 0.08 0.00	16.54 0.06 0.00	16.76 0.05 0.00	15.84 0.07 0.00	15.25 0.27 0.00	15.30 0.18 0.00	16.21 0.04 0.00	17.59 -0.15 0.00	18.84 0.16 0.00	18.72 -0.10 0.00	21.68 0.01 0.00	25.24 0.12 0.00	28.05 0.40 0.00	22.92 0.64 0.00	20.61 0.59 0.00	16.79 0.59 0.00
MORTIMER_115KV_TB3 55949	16.00 -0.07 0.00	17.22 -0.14 0.00	16.04 -0.19 0.00	15.23 -0.20 0.00	16.77 -0.21 0.00	15.98 -0.19 0.00	13.09 -0.12 0.00	15.49 -0.14 0.00	16.55 -0.07 0.00	16.46 -0.03 0.00	16.64 -0.08 0.00	15.69 -0.08 0.00	14.95 -0.03 0.00	15.03 -0.09 0.00	15.98 -0.19 0.00	17.47 -0.28 0.00	18.55 -0.13 0.00	18.58 -0.24 0.00	21.43 -0.24 0.00	24.92 -0.20 0.00	27.54 -0.11 0.00	22.32 0.04 0.00	20.03 0.02 0.00	16.29 0.08 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	16.93 0.87 0.00	18.28 0.92 0.00	17.07 0.84 0.00	16.21 0.77 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.78 0.00	16.54 0.91 0.00	17.56 0.94 0.00	17.44 0.95 0.00	17.71 1.00 0.00	16.71 0.94 0.00	15.86 0.88 0.00	16.03 0.91 0.00	17.19 1.02 0.00	18.80 1.05 0.00	19.76 1.08 0.00	19.88 1.06 0.00	22.86 1.19 0.00	26.56 1.43 0.00	29.29 1.53 -0.11	23.66 1.31 -0.06	21.23 1.22 0.00	17.13 0.93 0.00
MUNSVILLE_WIND_PWR 323609	17.17 1.11 0.00	18.45 1.09 0.00	17.20 0.97 0.00	16.32 0.89 0.00	18.04 1.06 0.00	17.20 1.04 0.00	14.17 0.95 0.00	16.85 1.21 0.00	17.99 1.37 0.00	17.78 1.30 0.00	18.00 1.28 0.00	16.85 1.08 0.00	15.87 0.90 0.00	15.92 0.81 0.00	16.87 0.70 0.00	18.70 0.95 0.00	20.01 1.33 0.00	20.30 1.48 0.00	23.53 1.86 0.00	27.32 2.19 0.00	30.19 2.54 0.00	24.26 1.98 0.00	21.67 1.67 0.00	17.52 1.32 0.00
N SALMON___HYD 24042	16.48 0.42 0.00	17.75 0.39 0.00	16.58 0.34 0.00	15.78 0.34 0.00	17.37 0.39 0.00	16.55 0.39 0.00	13.45 0.24 0.00	15.91 0.28 0.00	16.92 0.29 0.00	16.78 0.30 0.00	17.00 0.28 0.00	16.06 0.29 0.00	15.32 0.34 0.00	15.46 0.34 0.00	16.54 0.36 0.00	18.19 0.44 0.00	19.04 0.37 0.00	19.21 0.39 0.00	22.17 0.50 0.00	25.66 0.53 0.00	28.22 0.57 0.00	22.77 0.48 0.00	20.43 0.42 0.00	16.57 0.35 0.00
N.AKRON___115KV_KNAPP 355671	15.77 -0.29 0.00	16.98 -0.38 0.00	15.83 -0.40 0.00	15.06 -0.37 0.00	16.60 -0.38 0.00	15.86 -0.30 0.00	13.00 -0.21 0.00	15.36 -0.27 0.00	16.47 -0.15 0.00	16.39 -0.09 0.00	16.52 -0.19 0.00	15.59 -0.17 0.00	14.89 -0.09 0.00	14.90 -0.22 0.00	15.75 -0.43 0.00	17.18 -0.57 0.00	18.34 -0.34 0.00	18.24 -0.59 0.00	21.05 -0.62 0.00	24.54 -0.58 0.00	27.26 -0.39 0.00	22.25 -0.03 0.00	20.00 -0.01 0.00	16.33 0.12 0.00



N.BELMOR_69_KV_BK1 55787	17.13 1.07 0.00	18.48 1.13 0.00	17.25 1.02 0.00	16.36 0.92 0.00	18.01 1.03 0.00	17.15 0.98 0.00	14.19 0.98 0.00	16.74 1.11 0.00	17.80 1.18 0.00	17.56 1.08 0.00	20.08 1.31 -2.05	20.59 1.25 -3.57	21.66 1.17 -5.51	19.59 1.15 -3.32	19.58 1.29 -2.11	21.50 1.35 -2.40	19.97 1.28 -0.01	20.02 1.20 0.00	23.00 1.33 0.00	26.66 1.54 0.00	29.54 1.77 -0.11	33.69 1.67 -9.75	24.61 1.54 -3.06	17.40 1.17 -0.01
N.E_GEN_SANDY PD 24062	16.53 0.47 0.00	17.89 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.51 0.53 0.00	16.68 0.52 0.00	13.68 0.47 0.00	16.20 0.57 0.00	17.18 0.56 0.00	17.01 0.53 0.00	17.28 0.56 0.00	16.30 0.54 0.00	15.46 0.48 0.00	15.64 0.52 0.00	16.77 0.60 0.00	18.38 0.63 0.00	19.31 0.63 0.00	19.49 0.67 0.00	22.40 0.73 0.00	25.96 0.83 0.00	27.54 0.88 0.99	22.44 0.75 0.58	20.70 0.69 0.00	16.72 0.51 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	16.84 0.79 0.00	18.19 0.83 0.00	16.99 0.76 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.87 0.70 0.00	13.91 0.70 0.00	16.46 0.82 0.00	17.46 0.84 0.00	17.33 0.85 0.00	17.60 0.89 0.00	16.61 0.84 0.00	15.75 0.77 0.00	15.93 0.81 0.00	17.09 0.91 0.00	18.70 0.95 0.00	19.66 0.98 0.00	19.79 0.97 0.00	22.77 1.11 0.00	26.44 1.32 0.00	29.17 1.43 -0.10	23.56 1.22 -0.06	21.12 1.11 0.00	17.04 0.83 0.00
N.QUEENS_27_KV_LOAD 356247	16.86 0.81 0.00	18.16 0.81 0.01	16.98 0.75 0.01	16.13 0.69 0.00	17.70 0.72 0.00	16.86 0.69 0.00	13.93 0.72 0.00	16.46 0.83 0.00	17.45 0.83 0.00	17.36 0.88 0.00	17.63 0.92 0.01	16.75 0.98 0.00	15.95 0.98 0.00	16.07 0.95 0.00	17.24 1.06 0.00	18.74 0.99 0.00	19.65 0.97 0.00	19.78 0.97 0.01	22.78 1.12 0.01	26.45 1.33 0.00	29.15 1.40 -0.10	23.57 1.23 -0.06	21.13 1.12 0.00	17.07 0.86 0.00
N.TROY___115KV_TB1 355778	16.52 0.46 0.00	17.88 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.52 0.54 0.00	16.68 0.52 0.00	13.65 0.44 0.00	16.18 0.54 0.00	17.18 0.56 0.00	16.98 0.50 0.00	17.23 0.52 0.00	16.28 0.51 0.00	15.45 0.47 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.39 0.64 0.00	19.36 0.68 0.00	19.56 0.74 0.00	22.50 0.83 0.00	26.07 0.94 0.00	28.51 0.99 0.13	23.02 0.82 0.08	20.69 0.68 0.00	16.70 0.50 0.00
NARROWS_GT1_1 24228	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_2 24229	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_3 24230	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_4 24231	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_5 24232	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_6 24233	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_7 24234	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT1_8 24235	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_1 24236	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_2 24237	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00



NARROWS_GT2_3 24238	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_4 24239	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_5 24240	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_6 24241	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_7 24242	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NARROWS_GT2_8 24243	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	16.60 0.54 0.00	17.97 0.61 0.00	16.83 0.60 0.00	16.00 0.56 0.00	17.62 0.64 0.00	16.77 0.61 0.00	13.74 0.52 0.00	16.31 0.67 0.00	17.33 0.70 0.00	17.09 0.61 0.00	17.16 0.45 0.00	16.25 0.49 0.00	15.51 0.53 0.00	15.68 0.57 0.00	16.84 0.67 0.00	18.45 0.70 0.00	19.51 0.83 0.00	19.81 0.98 0.00	22.86 1.18 0.00	26.47 1.34 0.00	29.05 1.45 0.05	23.35 1.10 0.03	20.90 0.90 0.00	16.85 0.64 0.00
NCHELSEA_115KV_TR2 355582	16.92 0.86 0.00	18.27 0.91 0.00	17.08 0.84 0.00	16.22 0.78 0.00	17.84 0.86 0.00	16.98 0.81 0.00	13.98 0.77 0.00	16.55 0.92 0.00	17.57 0.95 0.00	17.43 0.95 0.00	17.70 0.98 0.00	16.69 0.92 0.00	15.82 0.84 0.00	16.01 0.89 0.00	17.17 1.00 0.00	18.80 1.05 0.00	19.77 1.10 0.00	19.93 1.11 0.00	22.94 1.27 0.00	26.63 1.50 0.00	29.35 1.62 -0.08	23.68 1.36 -0.05	21.23 1.22 0.00	17.13 0.93 0.00
NEG CAPITAL___MECHNVIL 23645	16.68 0.62 0.00	18.04 0.68 0.00	16.89 0.66 0.00	16.06 0.62 0.00	17.67 0.69 0.00	16.84 0.68 0.00	13.79 0.58 0.00	16.37 0.74 0.00	17.41 0.79 0.00	17.16 0.68 0.00	17.42 0.71 0.00	16.47 0.70 0.00	15.64 0.67 0.00	15.82 0.70 0.00	16.97 0.79 0.00	18.63 0.88 0.00	19.64 0.96 0.00	19.86 1.04 0.00	22.86 1.19 0.00	26.47 1.35 0.00	28.96 1.43 0.11	23.34 1.13 0.07	20.95 0.94 0.00	16.90 0.69 0.00
NEG CENTRAL_HIGH_ACRES 23767	15.86 -0.20 0.00	17.04 -0.31 0.00	15.84 -0.40 0.00	15.03 -0.40 0.00	16.54 -0.44 0.00	15.73 -0.43 0.00	12.86 -0.35 0.00	15.22 -0.41 0.00	16.27 -0.35 0.00	16.17 -0.31 0.00	16.35 -0.37 0.00	15.41 -0.36 0.00	14.68 -0.30 0.00	14.78 -0.34 0.00	15.74 -0.43 0.00	17.23 -0.51 0.00	18.27 -0.41 0.00	18.33 -0.50 0.00	21.14 -0.53 0.00	24.55 -0.57 0.00	27.09 -0.55 0.00	21.91 -0.37 0.00	19.66 -0.35 0.00	15.98 -0.22 0.00
NEG CENTRAL___DRP 24199	16.22 0.16 0.00	17.48 0.12 0.00	16.27 0.04 0.00	15.45 0.01 0.00	17.02 0.04 0.00	16.21 0.04 0.00	13.30 0.09 0.00	15.73 0.10 0.00	16.79 0.17 0.00	16.68 0.20 0.00	16.86 0.15 0.00	15.86 0.10 0.00	15.07 0.10 0.00	15.18 0.06 0.00	16.20 0.03 0.00	17.80 0.05 0.00	18.84 0.16 0.00	18.98 0.16 0.00	21.85 0.18 0.00	25.40 0.28 0.00	28.07 0.42 0.00	22.66 0.38 0.00	20.35 0.34 0.00	16.50 0.29 0.00
NEG CENTRAL___INDECK 23768	16.42 0.36 0.00	17.66 0.30 0.00	16.41 0.17 0.00	15.56 0.13 0.00	17.17 0.19 0.00	16.37 0.20 0.00	13.41 0.20 0.00	15.86 0.23 0.00	16.96 0.34 0.00	16.84 0.35 0.00	17.00 0.29 0.00	15.85 0.08 0.00	15.08 0.11 0.00	15.23 0.11 0.00	16.22 0.04 0.00	17.80 0.05 0.00	19.01 0.33 0.00	19.09 0.27 0.00	22.18 0.51 0.00	25.82 0.70 0.00	28.56 0.91 0.00	23.15 0.87 0.00	20.78 0.77 0.00	16.89 0.68 0.00
NEG CENTRAL___SENECA 23627	16.26 0.19 0.00	17.50 0.14 0.00	16.28 0.04 0.00	15.45 0.01 0.00	17.02 0.04 0.00	16.22 0.06 0.00	13.31 0.10 0.00	15.75 0.11 0.00	16.82 0.19 0.00	16.70 0.22 0.00	16.90 0.18 0.00	15.87 0.10 0.00	15.08 0.10 0.00	15.17 0.06 0.00	16.19 0.02 0.00	17.80 0.05 0.00	18.87 0.18 0.00	18.99 0.17 0.00	21.87 0.20 0.00	25.44 0.31 0.00	28.14 0.49 0.00	22.76 0.48 0.00	20.42 0.42 0.00	16.58 0.37 0.00
NEG CENTRAL___STATE_STREET 24147	16.34 0.28 0.00	17.58 0.22 0.00	16.38 0.15 0.00	15.56 0.13 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.41 0.20 0.00	15.87 0.24 0.00	16.95 0.32 0.00	16.83 0.35 0.00	16.97 0.26 0.00	16.01 0.24 0.00	15.23 0.25 0.00	15.32 0.21 0.00	16.34 0.16 0.00	17.99 0.24 0.00	19.01 0.33 0.00	19.17 0.35 0.00	22.01 0.34 0.00	25.63 0.51 0.00	28.28 0.63 0.00	22.73 0.45 0.00	20.41 0.40 0.00	16.54 0.34 0.00
NEG MILLWOOD___DRP 24198	16.96 0.90 0.00	18.31 0.95 0.00	17.11 0.88 0.00	16.24 0.81 0.00	17.87 0.89 0.00	17.01 0.84 0.00	14.02 0.81 0.00	16.59 0.96 0.00	17.62 1.00 0.00	17.49 1.01 0.00	17.76 1.04 0.00	16.74 0.98 0.00	15.87 0.90 0.00	16.06 0.94 0.00	17.22 1.05 0.00	18.85 1.10 0.00	19.83 1.15 0.00	19.98 1.15 0.00	22.99 1.32 0.00	26.69 1.56 0.00	29.43 1.69 -0.09	23.74 1.40 -0.05	21.29 1.28 0.00	17.17 0.96 0.00



NEG NORTH_FLCN_SEA 23793	16.66 0.60 0.00	17.93 0.57 0.00	16.77 0.54 0.00	15.94 0.51 0.00	17.56 0.58 0.00	16.74 0.58 0.00	13.59 0.38 0.00	16.05 0.42 0.00	17.05 0.43 0.00	16.90 0.42 0.00	17.09 0.38 0.00	16.20 0.43 0.00	15.50 0.52 0.00	15.71 0.59 0.00	16.77 0.60 0.00	18.40 0.66 0.00	19.28 0.60 0.00	19.47 0.65 0.00	22.43 0.76 0.00	25.94 0.81 0.00	28.46 0.81 0.00	22.93 0.65 0.00	20.55 0.54 0.00	16.74 0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	16.47 0.41 0.00	17.74 0.38 0.00	16.58 0.34 0.00	15.76 0.33 0.00	17.35 0.37 0.00	16.54 0.37 0.00	13.43 0.21 0.00	15.86 0.23 0.00	16.86 0.24 0.00	16.73 0.25 0.00	16.94 0.22 0.00	16.04 0.27 0.00	15.32 0.34 0.00	15.50 0.37 0.00	16.56 0.39 0.00	18.19 0.44 0.00	19.04 0.36 0.00	19.22 0.40 0.00	22.16 0.49 0.00	25.63 0.51 0.00	28.18 0.52 0.00	22.70 0.42 0.00	20.36 0.35 0.00	16.54 0.33 0.00
NEG NORTH___ALICE_FALLS 23915	16.63 0.57 0.00	17.90 0.54 0.00	16.74 0.50 0.00	15.91 0.48 0.00	17.52 0.55 0.00	16.70 0.54 0.00	13.58 0.36 0.00	16.03 0.40 0.00	17.05 0.42 0.00	16.90 0.42 0.00	17.10 0.39 0.00	16.19 0.43 0.00	15.49 0.52 0.00	15.69 0.58 0.00	16.76 0.59 0.00	18.39 0.65 0.00	19.28 0.60 0.00	19.48 0.66 0.00	22.47 0.79 0.00	25.97 0.84 0.00	28.51 0.86 0.00	22.94 0.66 0.00	20.55 0.54 0.00	16.72 0.51 0.00
NEG NORTH___LWR_SARANAC 23913	16.63 0.57 0.00	17.90 0.54 0.00	16.74 0.50 0.00	15.91 0.48 0.00	17.52 0.55 0.00	16.70 0.54 0.00	13.58 0.36 0.00	16.03 0.40 0.00	17.05 0.42 0.00	16.90 0.42 0.00	17.10 0.39 0.00	16.19 0.43 0.00	15.49 0.52 0.00	15.69 0.58 0.00	16.76 0.59 0.00	18.39 0.65 0.00	19.28 0.60 0.00	19.48 0.66 0.00	22.47 0.79 0.00	25.97 0.84 0.00	28.51 0.86 0.00	22.94 0.66 0.00	20.55 0.54 0.00	16.72 0.51 0.00
NEG NORTH___PLATTSBURG 23628	16.63 0.57 0.00	17.90 0.54 0.00	16.74 0.50 0.00	15.91 0.48 0.00	17.52 0.55 0.00	16.70 0.54 0.00	13.58 0.36 0.00	16.03 0.40 0.00	17.05 0.42 0.00	16.90 0.42 0.00	17.10 0.39 0.00	16.19 0.43 0.00	15.49 0.52 0.00	15.69 0.58 0.00	16.76 0.59 0.00	18.39 0.64 0.00	19.28 0.60 0.00	19.48 0.66 0.00	22.46 0.79 0.00	25.97 0.84 0.00	28.51 0.86 0.00	22.94 0.66 0.00	20.55 0.54 0.00	16.72 0.51 0.00
NEG WEST_LEA_LOCKPORT 23791	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.57 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.82 -0.39 0.00	15.15 -0.49 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.42 0.00	15.38 -0.39 0.00	14.69 -0.29 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.86 0.00	18.05 -0.63 0.00	17.90 -0.92 0.00	20.65 -1.02 0.00	24.08 -1.05 0.00	26.80 -0.85 0.00	21.92 -0.36 0.00	19.73 -0.28 0.00	16.13 -0.08 0.00
NEG WEST___LANCASTR 23811	16.05 -0.01 0.00	17.29 -0.07 0.00	16.11 -0.12 0.00	15.32 -0.12 0.00	16.89 -0.09 0.00	16.14 -0.03 0.00	13.24 0.03 0.00	15.64 0.01 0.00	16.76 0.13 0.00	16.69 0.21 0.00	16.85 0.13 0.00	15.89 0.12 0.00	15.15 0.17 0.00	15.18 0.06 0.00	16.08 -0.09 0.00	17.52 -0.23 0.00	18.67 -0.01 0.00	18.57 -0.25 0.00	21.41 -0.25 0.00	24.99 -0.14 0.00	27.76 0.11 0.00	22.65 0.37 0.00	20.37 0.37 0.00	16.62 0.41 0.00
NEG_PENN_ALLEGHNY 23528	16.29 0.23 0.00	17.60 0.23 0.00	16.41 0.18 0.00	15.58 0.15 0.00	17.17 0.19 0.00	16.34 0.18 0.00	13.41 0.20 0.00	15.86 0.22 0.00	16.91 0.28 0.00	16.78 0.30 0.00	17.01 0.30 0.00	16.02 0.25 0.00	15.19 0.22 0.00	15.32 0.20 0.00	16.38 0.21 0.00	17.96 0.21 0.00	18.96 0.28 0.00	19.09 0.27 0.00	22.00 0.33 0.00	25.56 0.44 0.00	28.24 0.59 0.00	22.82 0.54 0.00	20.49 0.48 0.00	16.61 0.40 0.00
NEG___GEN_MONROE 24207	16.06 0.00 0.00	17.28 -0.08 0.00	16.11 -0.13 0.00	15.30 -0.13 0.00	16.84 -0.14 0.00	16.06 -0.11 0.00	13.17 -0.04 0.00	15.58 -0.06 0.00	16.66 0.03 0.00	16.58 0.09 0.00	16.72 0.01 0.00	15.76 -0.01 0.00	15.02 0.04 0.00	15.10 -0.02 0.00	16.05 -0.13 0.00	17.54 -0.20 0.00	18.65 -0.03 0.00	18.67 -0.16 0.00	21.54 -0.13 0.00	25.07 -0.06 0.00	27.71 0.06 0.00	22.47 0.18 0.00	20.17 0.16 0.00	16.43 0.22 0.00
NEPA___ENERGY 23901	15.93 -0.13 0.00	17.17 -0.19 0.00	15.97 -0.26 0.00	15.17 -0.27 0.00	16.73 -0.25 0.00	15.98 -0.18 0.00	13.16 -0.05 0.00	15.52 -0.11 0.00	16.63 0.01 0.00	16.56 0.08 0.00	16.75 0.03 0.00	15.78 0.01 0.00	15.02 0.05 0.00	15.07 -0.06 0.00	16.03 -0.15 0.00	17.49 -0.26 0.00	18.55 -0.13 0.00	18.46 -0.36 0.00	21.27 -0.40 0.00	24.83 -0.29 0.00	27.67 0.02 0.00	22.55 0.27 0.00	20.28 0.27 0.00	16.52 0.31 0.00
NEVERSINK___HYD 23608	17.08 1.02 0.00	18.45 1.09 0.00	17.22 0.99 0.00	16.35 0.91 0.00	17.98 1.00 0.00	17.11 0.95 0.00	14.10 0.88 0.00	16.70 1.06 0.00	17.74 1.11 0.00	17.61 1.13 0.00	17.79 1.07 0.00	16.75 0.98 0.00	15.92 0.94 0.00	16.08 0.97 0.00	17.24 1.06 0.00	18.92 1.18 0.00	19.96 1.28 0.00	20.16 1.34 0.00	23.28 1.61 0.00	26.97 1.84 0.00	29.77 2.07 -0.05	24.03 1.72 -0.03	21.54 1.53 0.00	17.31 1.11 0.00
NEWKRMKL_115KV_TB1 55635	16.27 0.21 0.00	17.62 0.26 0.00	16.50 0.27 0.00	15.68 0.25 0.00	17.26 0.28 0.00	16.42 0.26 0.00	13.45 0.24 0.00	15.94 0.31 0.00	16.92 0.30 0.00	16.74 0.26 0.00	16.98 0.27 0.00	16.05 0.28 0.00	15.24 0.26 0.00	15.42 0.30 0.00	16.54 0.36 0.00	18.13 0.38 0.00	19.09 0.42 0.00	19.29 0.47 0.00	22.19 0.53 0.00	25.71 0.58 0.00	28.15 0.61 0.11	22.70 0.48 0.06	20.42 0.41 0.00	16.49 0.28 0.00
NEWTON___FALLS_HYD 23847	15.96 -0.10 0.00	17.22 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
NGRID_A1_DSASP 323792	15.37 -0.69 0.00	16.59 -0.77 0.00	15.48 -0.76 0.00	14.73 -0.70 0.00	16.24 -0.73 0.00	15.53 -0.64 0.00	12.71 -0.50 0.00	15.00 -0.64 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.53 0.00	14.56 -0.42 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.67 -1.15 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.33 -1.32 0.00	21.57 -0.71 0.00	19.42 -0.59 0.00	15.88 -0.33 0.00
NGRID_A2_DSASP 323793	15.37 -0.69 0.00	16.59 -0.77 0.00	15.48 -0.76 0.00	14.73 -0.70 0.00	16.24 -0.73 0.00	15.53 -0.64 0.00	12.71 -0.50 0.00	15.00 -0.64 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.53 0.00	14.56 -0.42 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.67 -1.15 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.33 -1.32 0.00	21.57 -0.71 0.00	19.42 -0.59 0.00	15.88 -0.33 0.00



NGRID_A4_DSASP 323807	15.37 -0.69 0.00	16.59 -0.77 0.00	15.48 -0.76 0.00	14.73 -0.70 0.00	16.24 -0.73 0.00	15.53 -0.64 0.00	12.71 -0.50 0.00	15.00 -0.64 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.53 0.00	14.56 -0.42 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.67 -1.15 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.33 -1.32 0.00	21.57 -0.71 0.00	19.42 -0.59 0.00	15.88 -0.33 0.00
NIAGARA_115E_LBMP 323715	15.28 -0.78 0.00	16.47 -0.89 0.00	15.36 -0.88 0.00	14.63 -0.81 0.00	16.13 -0.85 0.00	15.41 -0.75 0.00	12.62 -0.59 0.00	14.88 -0.75 0.00	15.97 -0.65 0.00	15.91 -0.57 0.00	16.02 -0.69 0.00	15.12 -0.65 0.00	14.44 -0.53 0.00	14.45 -0.67 0.00	15.24 -0.93 0.00	16.58 -1.17 0.00	17.72 -0.96 0.00	17.54 -1.28 0.00	20.24 -1.43 0.00	23.61 -1.52 0.00	26.31 -1.34 0.00	21.55 -0.73 0.00	19.39 -0.62 0.00	15.85 -0.36 0.00
NIAGARA_115W_LBMP 323714	15.35 -0.71 0.00	16.56 -0.80 0.00	15.45 -0.78 0.00	14.71 -0.72 0.00	16.22 -0.76 0.00	15.50 -0.66 0.00	12.69 -0.52 0.00	14.98 -0.66 0.00	16.07 -0.55 0.00	16.01 -0.48 0.00	16.13 -0.59 0.00	15.21 -0.56 0.00	14.54 -0.44 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.68 -1.06 0.00	17.83 -0.85 0.00	17.64 -1.18 0.00	20.33 -1.34 0.00	23.59 -1.54 0.00	26.27 -1.38 0.00	21.52 -0.76 0.00	19.37 -0.63 0.00	15.85 -0.36 0.00
NIAGARA_230_LBMP 323716	15.41 -0.65 0.00	16.61 -0.75 0.00	15.50 -0.73 0.00	14.75 -0.69 0.00	16.26 -0.72 0.00	15.54 -0.63 0.00	12.73 -0.49 0.00	15.02 -0.62 0.00	16.10 -0.52 0.00	16.04 -0.44 0.00	16.17 -0.55 0.00	15.25 -0.52 0.00	14.57 -0.41 0.00	14.57 -0.55 0.00	15.38 -0.79 0.00	16.74 -1.01 0.00	17.88 -0.80 0.00	17.70 -1.12 0.00	20.43 -1.24 0.00	23.81 -1.32 0.00	26.49 -1.16 0.00	21.69 -0.60 0.00	19.51 -0.50 0.00	15.96 -0.25 0.00
NIAGARA__115KV_198_GIBSON 55903	15.35 -0.71 0.00	16.56 -0.80 0.00	15.46 -0.77 0.00	14.71 -0.72 0.00	16.22 -0.76 0.00	15.50 -0.66 0.00	12.69 -0.52 0.00	15.00 -0.64 0.00	16.07 -0.55 0.00	16.01 -0.48 0.00	16.13 -0.59 0.00	15.22 -0.55 0.00	14.54 -0.44 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.68 -1.06 0.00	17.83 -0.85 0.00	17.66 -1.17 0.00	20.32 -1.35 0.00	23.59 -1.53 0.00	26.27 -1.38 0.00	21.53 -0.75 0.00	19.39 -0.62 0.00	15.86 -0.35 0.00
NIAGARA____ 23760	15.41 -0.65 0.00	16.61 -0.75 0.00	15.50 -0.73 0.00	14.75 -0.69 0.00	16.26 -0.72 0.00	15.54 -0.63 0.00	12.73 -0.49 0.00	15.02 -0.62 0.00	16.10 -0.52 0.00	16.04 -0.44 0.00	16.17 -0.55 0.00	15.25 -0.52 0.00	14.57 -0.41 0.00	14.57 -0.55 0.00	15.38 -0.79 0.00	16.74 -1.01 0.00	17.88 -0.80 0.00	17.70 -1.12 0.00	20.43 -1.24 0.00	23.81 -1.32 0.00	26.49 -1.16 0.00	21.69 -0.60 0.00	19.51 -0.50 0.00	15.96 -0.25 0.00
NINE_MILE_1 23575	15.69 -0.37 0.00	16.94 -0.42 0.00	15.83 -0.40 0.00	15.04 -0.40 0.00	16.55 -0.43 0.00	15.76 -0.41 0.00	12.88 -0.33 0.00	15.23 -0.41 0.00	16.22 -0.40 0.00	16.08 -0.40 0.00	16.30 -0.41 0.00	15.38 -0.39 0.00	14.61 -0.37 0.00	14.73 -0.39 0.00	15.73 -0.44 0.00	17.24 -0.51 0.00	18.18 -0.50 0.00	18.30 -0.52 0.00	21.07 -0.60 0.00	24.44 -0.69 0.00	26.92 -0.73 0.00	21.72 -0.57 0.00	19.50 -0.51 0.00	15.85 -0.36 0.00
NINE_MILE_2 23744	15.69 -0.37 0.00	16.94 -0.42 0.00	15.83 -0.40 0.00	15.04 -0.40 0.00	16.55 -0.43 0.00	15.76 -0.41 0.00	12.88 -0.33 0.00	15.23 -0.41 0.00	16.22 -0.40 0.00	16.09 -0.39 0.00	16.31 -0.41 0.00	15.38 -0.39 0.00	14.61 -0.37 0.00	14.73 -0.39 0.00	15.73 -0.44 0.00	17.24 -0.51 0.00	18.18 -0.50 0.00	18.30 -0.52 0.00	21.07 -0.60 0.00	24.44 -0.69 0.00	26.92 -0.73 0.00	21.72 -0.57 0.00	19.50 -0.51 0.00	15.85 -0.36 0.00
NM_CAPITAL____DRP 24208	16.31 0.24 0.00	17.66 0.30 0.00	16.54 0.31 0.00	15.72 0.29 0.00	17.31 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.98 0.35 0.00	16.96 0.34 0.00	16.78 0.30 0.00	17.02 0.30 0.00	16.08 0.32 0.00	15.27 0.29 0.00	15.45 0.33 0.00	16.57 0.40 0.00	18.17 0.42 0.00	19.13 0.46 0.00	19.34 0.51 0.00	22.24 0.57 0.00	25.75 0.63 0.00	28.20 0.67 0.12	22.74 0.53 0.07	20.46 0.45 0.00	16.52 0.31 0.00
NM_CENTRAL____DRP 24181	16.03 -0.03 0.00	17.30 -0.05 0.00	16.15 -0.08 0.00	15.35 -0.09 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.17 -0.04 0.00	15.58 -0.05 0.00	16.60 -0.02 0.00	16.48 -0.01 0.00	16.70 -0.02 0.00	15.75 -0.02 0.00	14.95 -0.03 0.00	15.07 -0.05 0.00	16.11 -0.06 0.00	17.65 -0.09 0.00	18.63 -0.05 0.00	18.77 -0.05 0.00	21.62 -0.05 0.00	25.08 -0.04 0.00	27.64 -0.02 0.00	22.29 0.02 0.00	20.01 0.00 0.00	16.25 0.04 0.00
NM_FRONTIER____DRP 24179	15.35 -0.71 0.00	16.56 -0.80 0.00	15.46 -0.77 0.00	14.71 -0.72 0.00	16.22 -0.76 0.00	15.50 -0.66 0.00	12.69 -0.52 0.00	15.00 -0.64 0.00	16.07 -0.55 0.00	16.01 -0.48 0.00	16.13 -0.59 0.00	15.22 -0.55 0.00	14.54 -0.44 0.00	14.54 -0.58 0.00	15.34 -0.83 0.00	16.68 -1.06 0.00	17.83 -0.85 0.00	17.66 -1.17 0.00	20.32 -1.35 0.00	23.59 -1.53 0.00	26.27 -1.38 0.00	21.53 -0.75 0.00	19.39 -0.62 0.00	15.86 -0.35 0.00
NM_ST_REGIS____HYD 24053	16.18 0.12 0.00	17.46 0.09 0.00	16.31 0.07 0.00	15.55 0.11 0.00	17.11 0.13 0.00	16.29 0.12 0.00	13.25 0.04 0.00	15.70 0.07 0.00	16.62 0.00 0.00	16.44 -0.04 0.00	16.65 -0.06 0.00	15.70 -0.06 0.00	14.91 -0.07 0.00	15.07 -0.05 0.00	16.09 -0.08 0.00	17.72 -0.03 0.00	18.54 -0.14 0.00	18.70 -0.12 0.00	21.58 -0.09 0.00	24.99 -0.14 0.00	27.56 -0.09 0.00	22.35 0.07 0.00	20.12 0.11 0.00	16.28 0.07 0.00
NORTHPORT____1 23551	17.22 1.16 0.00	18.61 1.24 0.00	17.38 1.15 0.00	16.48 1.04 0.00	18.14 1.16 0.00	17.28 1.11 0.00	14.33 1.11 0.00	16.88 1.25 0.00	17.95 1.33 0.00	17.62 1.14 0.00	18.40 1.39 -0.29	17.52 1.33 -0.42	16.53 1.24 -0.31	16.61 1.21 -0.29	16.82 1.38 0.74	19.19 1.40 -0.04	19.96 1.28 0.00	19.78 1.11 0.15	22.10 1.16 0.74	20.17 1.33 6.29	29.37 1.61 -0.10	25.03 1.66 -1.09	22.07 1.63 -0.44	17.50 1.29 0.00
NORTHPORT____2 23552	17.22 1.16 0.00	18.61 1.24 0.00	17.38 1.15 0.00	16.48 1.04 0.00	18.14 1.16 0.00	17.28 1.11 0.00	14.33 1.11 0.00	16.88 1.25 0.00	17.95 1.33 0.00	17.62 1.14 0.00	18.40 1.39 -0.29	17.52 1.33 -0.42	16.53 1.24 -0.31	16.61 1.21 -0.29	16.82 1.38 0.74	19.19 1.40 -0.04	19.96 1.28 0.00	19.78 1.11 0.15	22.10 1.16 0.74	20.17 1.33 6.29	29.37 1.61 -0.10	25.03 1.66 -1.09	22.07 1.63 -0.44	17.50 1.29 0.00
NORTHPORT____3 23553	16.96 0.90 0.00	18.32 0.95 0.00	17.11 0.88 0.00	16.22 0.78 0.00	17.85 0.87 0.00	16.99 0.83 0.00	14.08 0.86 0.00	16.61 0.98 0.00	17.65 1.03 0.00	17.35 0.87 0.00	18.13 1.12 -0.29	17.26 1.08 -0.42	16.28 1.00 -0.30	16.39 0.99 -0.28	16.55 1.13 0.76	18.91 1.13 -0.03	19.67 1.00 0.00	19.52 0.85 0.15	21.76 0.82 0.74	19.77 0.93 6.28	28.92 1.17 -0.11	24.63 1.27 -1.07	21.70 1.26 -0.43	17.19 0.98 0.01



NORTHPORT___4 23650	16.96 0.90 0.00	18.32 0.95 0.00	17.11 0.88 0.00	16.22 0.78 0.00	17.85 0.87 0.00	16.99 0.83 0.00	14.08 0.86 0.00	16.61 0.98 0.00	17.65 1.03 0.00	17.35 0.87 0.00	18.13 1.12 -0.29	17.26 1.08 -0.42	16.28 1.00 -0.30	16.39 0.99 -0.28	16.55 1.13 0.76	18.91 1.13 -0.03	19.67 1.00 0.00	19.52 0.85 0.15	21.76 0.82 0.74	19.77 0.93 0.628	28.92 1.17 -0.11	24.63 1.27 -1.07	21.70 1.26 -0.43	17.19 0.98 0.01
NORTHPORT___IC 23718	17.22 1.16 0.00	18.61 1.24 0.00	17.38 1.15 0.00	16.48 1.04 0.00	18.14 1.16 0.00	17.28 1.11 0.00	14.33 1.11 0.00	16.88 1.25 0.00	17.95 1.33 0.00	17.62 1.14 0.00	18.40 1.39 -0.29	17.52 1.33 -0.42	16.53 1.24 -0.31	16.61 1.21 -0.29	16.82 1.38 0.74	19.19 1.40 -0.04	19.96 1.28 0.00	19.78 1.11 0.15	22.10 1.16 0.74	20.17 1.33 0.629	29.37 1.61 -0.10	25.03 1.66 -1.09	22.07 1.63 -0.44	17.50 1.29 0.00
NORTH___COUNTRY_ESR 323785	16.41 0.36 0.00	17.68 0.32 0.00	16.52 0.28 0.00	15.71 0.27 0.00	17.30 0.32 0.00	16.48 0.32 0.00	13.38 0.17 0.00	15.81 0.17 0.00	16.80 0.18 0.00	16.68 0.20 0.00	16.88 0.16 0.00	15.99 0.22 0.00	15.27 0.30 0.00	15.45 0.33 0.00	16.51 0.33 0.00	18.13 0.39 0.00	18.97 0.29 0.00	19.15 0.32 0.00	22.07 0.40 0.00	25.52 0.40 0.00	28.05 0.40 0.00	22.61 0.33 0.00	20.29 0.28 0.00	16.48 0.27 0.00
NPX_GEN_1385_PROXY 323591	16.87 0.81 0.00	18.33 0.97 0.00	17.26 1.02 0.00	16.37 0.93 0.00	18.02 1.04 0.00	17.16 1.00 0.00	14.32 1.11 0.00	16.79 1.16 0.00	17.83 1.21 0.00	17.35 0.87 0.00	17.90 0.90 -0.29	17.05 0.86 -0.42	16.21 0.92 -0.31	16.20 0.79 -0.29	16.51 1.08 0.74	18.91 1.12 -0.04	19.70 1.02 0.00	19.54 0.86 0.15	21.88 0.94 0.74	19.53 0.70 0.629	28.55 0.80 -0.10	24.38 1.02 -1.09	21.57 1.12 -0.44	17.12 0.92 0.00
NPX_GEN_CSC 323557	17.58 1.52 0.00	18.97 1.61 0.00	17.70 1.47 0.00	16.78 1.35 0.00	18.48 1.50 0.00	17.60 1.44 0.00	14.59 1.38 0.00	17.23 1.60 0.00	18.33 1.71 0.00	18.03 1.55 0.00	18.85 1.79 -0.35	17.97 1.68 -0.52	16.96 1.51 -0.47	17.01 1.51 -0.38	17.22 1.70 0.65	19.65 1.79 -0.11	20.46 1.77 0.00	22.25 1.68 -1.75	23.50 1.83 0.00	27.20 2.08 0.00	30.16 2.41 -0.11	25.90 2.26 -1.36	22.66 2.13 -0.52	17.89 1.69 0.00
NSINS_S_GLNS_FALLS 23858	16.69 0.64 0.00	18.05 0.69 0.00	16.91 0.68 0.00	16.09 0.66 0.00	17.72 0.74 0.00	16.91 0.75 0.00	13.85 0.64 0.00	16.46 0.82 0.00	17.51 0.89 0.00	17.22 0.74 0.00	17.46 0.75 0.00	16.53 0.76 0.00	15.70 0.73 0.00	15.90 0.79 0.00	17.07 0.90 0.00	18.76 1.01 0.00	19.79 1.11 0.00	20.05 1.23 0.00	23.08 1.41 0.00	26.72 1.60 0.00	29.19 1.65 0.10	23.48 1.27 0.06	21.01 1.00 0.00	16.93 0.72 0.00
NUCOR_STEEL___DRP 24197	16.34 0.27 0.00	17.57 0.21 0.00	16.37 0.14 0.00	15.56 0.12 0.00	17.13 0.15 0.00	16.30 0.13 0.00	13.41 0.20 0.00	15.87 0.23 0.00	16.95 0.32 0.00	16.83 0.34 0.00	16.96 0.24 0.00	16.00 0.23 0.00	15.23 0.26 0.00	15.33 0.21 0.00	16.33 0.16 0.00	18.00 0.25 0.00	19.01 0.33 0.00	19.16 0.34 0.00	22.00 0.33 0.00	25.63 0.50 0.00	28.27 0.62 0.00	22.70 0.42 0.00	20.39 0.38 0.00	16.53 0.32 0.00
NUMBER_THREE_WT_PWR 323818	15.97 -0.09 0.00	17.21 -0.15 0.00	16.07 -0.16 0.00	15.38 -0.06 0.00	16.93 -0.04 0.00	16.10 -0.06 0.00	13.17 -0.05 0.00	15.69 0.06 0.00	16.73 0.11 0.00	16.50 0.02 0.00	16.63 -0.09 0.00	15.65 -0.12 0.00	14.83 -0.14 0.00	14.98 -0.14 0.00	16.05 -0.12 0.00	17.69 -0.06 0.00	18.82 0.14 0.00	19.10 0.28 0.00	22.09 0.42 0.00	25.50 0.38 0.00	28.09 0.43 0.00	22.66 0.38 0.00	20.33 0.33 0.00	16.39 0.18 0.00
NYISO_LBMP_REFERENCE 24008	16.06 0.00 0.00	17.36 0.00 0.00	16.23 0.00 0.00	15.44 0.00 0.00	16.98 0.00 0.00	16.16 0.00 0.00	13.21 0.00 0.00	15.64 0.00 0.00	16.62 0.00 0.00	16.48 0.00 0.00	16.71 0.00 0.00	15.77 0.00 0.00	14.98 0.00 0.00	15.12 0.00 0.00	16.17 0.00 0.00	17.75 0.00 0.00	18.68 0.00 0.00	18.82 0.00 0.00	21.67 0.00 0.00	25.12 0.00 0.00	27.65 0.00 0.00	22.28 0.00 0.00	20.01 0.00 0.00	16.21 0.00 0.00
NYPA_BRENTWD___GT 24164	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.30 0.00	16.62 1.18 0.00	18.30 1.32 0.00	17.42 1.26 0.00	14.44 1.23 0.00	17.04 1.41 0.00	18.12 1.50 0.00	17.82 1.34 0.00	18.71 1.58 -0.41	17.90 1.49 -0.64	17.02 1.37 -0.68	16.98 1.36 -0.50	17.17 1.54 0.54	19.57 1.61 -0.21	20.22 1.54 0.00	20.53 1.35 -0.36	23.05 1.38 0.00	26.73 1.61 0.00	29.72 1.97 -0.11	25.96 1.99 -1.70	22.51 1.88 -0.62	17.68 1.48 0.00
NYPA_GOWANUS___GT5 24156	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NYPA_GOWANUS___GT6 24157	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.62 0.99 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.18 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.35 1.34 0.00	17.23 1.02 0.00
NYPA_HARLEM__RVR_GT1 24160	16.85 0.79 0.01	18.16 0.81 0.01	16.98 0.75 0.01	16.13 0.69 0.00	17.70 0.72 0.01	16.85 0.69 0.00	13.92 0.71 0.00	16.46 0.82 0.00	17.44 0.82 0.00	17.35 0.87 0.00	17.61 0.91 0.01	16.74 0.97 0.00	15.94 0.96 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.72 0.97 0.00	19.64 0.96 0.00	19.79 0.97 0.01	22.77 1.11 0.00	26.44 1.31 0.00	29.14 1.38 -0.11	23.55 1.20 -0.06	21.12 1.11 0.00	17.06 0.86 0.00
NYPA_HARLEM__RVR_GT2 24161	16.85 0.79 0.01	18.16 0.81 0.01	16.98 0.75 0.01	16.13 0.69 0.00	17.70 0.72 0.01	16.85 0.69 0.00	13.92 0.71 0.00	16.46 0.82 0.00	17.44 0.82 0.00	17.35 0.87 0.00	17.61 0.91 0.01	16.74 0.97 0.00	15.94 0.96 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.72 0.97 0.00	19.64 0.96 0.00	19.79 0.97 0.01	22.77 1.11 0.00	26.44 1.31 0.00	29.14 1.38 -0.11	23.55 1.20 -0.06	21.12 1.11 0.00	17.06 0.86 0.00
NYPA_KENT___GT 24152	16.98 0.92 0.00	18.32 0.96 0.00	17.12 0.89 0.00	16.25 0.81 0.00	17.84 0.86 0.00	16.98 0.82 0.00	14.02 0.81 0.00	16.59 0.95 0.00	17.60 0.98 0.00	17.49 1.01 0.00	17.77 1.05 0.00	16.78 1.01 0.00	15.92 0.94 0.00	16.10 0.98 0.00	17.26 1.09 0.00	18.87 1.12 0.00	19.83 1.15 0.00	19.96 1.14 0.00	22.95 1.28 0.00	26.65 1.53 0.00	29.39 1.63 -0.11	23.76 1.42 -0.06	21.31 1.30 0.00	17.19 0.98 0.00



NYPA_POUCH1____GT 24155	17.03 0.98 0.00	18.38 1.02 0.00	17.17 0.94 0.00	16.29 0.85 0.00	17.89 0.91 0.00	17.03 0.87 0.00	14.06 0.85 0.00	16.64 1.00 0.00	17.65 1.03 0.00	17.54 1.06 0.00	17.82 1.10 0.00	16.81 1.05 0.00	15.95 0.97 0.00	16.12 1.01 0.00	17.30 1.12 0.00	18.92 1.17 0.00	19.88 1.21 0.00	20.02 1.19 0.00	23.02 1.36 0.00	26.74 1.62 0.00	29.48 1.72 -0.11	23.85 1.50 -0.07	21.37 1.36 0.00	17.25 1.04 0.00
NYPA_VERNON____GT2 24162	16.95 0.89 0.00	18.29 0.93 0.00	17.09 0.85 0.00	16.22 0.78 0.00	17.81 0.83 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.56 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.74 1.02 0.00	16.76 0.99 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.79 1.11 0.00	19.92 1.10 0.00	22.90 1.23 0.00	26.59 1.47 0.00	29.31 1.55 -0.11	23.71 1.37 -0.06	21.26 1.25 0.00	17.16 0.95 0.00
NYPA_VERNON____GT3 24163	16.95 0.89 0.00	18.29 0.93 0.00	17.09 0.85 0.00	16.22 0.78 0.00	17.81 0.83 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.56 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.74 1.02 0.00	16.76 0.99 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.79 1.11 0.00	19.92 1.10 0.00	22.90 1.23 0.00	26.59 1.47 0.00	29.31 1.55 -0.11	23.71 1.37 -0.06	21.26 1.25 0.00	17.16 0.95 0.00
NYPA____ASTORIA_CC1 323568	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.97 0.00	15.89 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.80 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
NYPA____ASTORIA_CC2 323569	16.92 0.86 0.00	18.26 0.90 0.00	17.06 0.83 0.00	16.19 0.75 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.53 0.90 0.00	17.53 0.91 0.00	17.42 0.94 0.00	17.71 0.99 0.00	16.73 0.97 0.00	15.89 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.80 1.06 0.00	19.76 1.08 0.00	19.89 1.07 0.00	22.87 1.20 0.00	26.56 1.43 0.00	29.28 1.52 -0.11	23.67 1.32 -0.06	21.22 1.21 0.00	17.13 0.92 0.00
NYPA____HOLTSVILL 23794	17.40 1.35 0.00	18.79 1.43 0.00	17.54 1.31 0.00	16.63 1.19 0.00	18.31 1.33 0.00	17.43 1.27 0.00	14.45 1.24 0.00	17.05 1.42 0.00	18.14 1.51 0.00	17.84 1.36 0.00	18.66 1.60 -0.34	17.79 1.51 -0.51	16.81 1.38 -0.46	16.86 1.37 -0.37	17.06 1.55 0.66	19.47 1.61 -0.11	20.24 1.56 0.00	21.96 1.43 -1.72	23.18 1.51 0.00	26.84 1.72 0.00	29.77 2.01 -0.11	25.58 1.96 -1.34	22.40 1.88 -0.51	17.69 1.49 0.00
NYPA____HELLGATE_GT1 24158	16.85 0.79 0.00	18.16 0.81 0.00	16.98 0.75 0.00	16.13 0.69 0.00	17.70 0.72 0.00	16.85 0.69 0.00	13.92 0.71 0.00	16.46 0.82 0.00	17.44 0.82 0.00	17.35 0.86 0.00	17.62 0.91 0.00	16.74 0.97 0.00	15.94 0.96 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.72 0.97 0.00	19.64 0.96 0.00	19.79 0.97 0.00	22.74 1.09 0.02	26.41 1.29 0.01	29.10 1.36 -0.09	23.55 1.20 -0.06	21.12 1.11 0.00	17.06 0.86 0.00
NYPA____HELLGATE_GT2 24159	16.85 0.79 0.00	18.16 0.81 0.00	16.98 0.75 0.00	16.13 0.69 0.00	17.70 0.72 0.00	16.85 0.69 0.00	13.92 0.71 0.00	16.46 0.82 0.00	17.44 0.82 0.00	17.35 0.86 0.00	17.62 0.91 0.00	16.74 0.97 0.00	15.94 0.96 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.72 0.97 0.00	19.64 0.96 0.00	19.79 0.97 0.00	22.74 1.09 0.02	26.41 1.29 0.01	29.10 1.36 -0.09	23.55 1.20 -0.06	21.12 1.11 0.00	17.06 0.86 0.00
NYS_BARGE____HYD 23848	15.54 -0.52 0.00	16.74 -0.62 0.00	15.61 -0.62 0.00	14.86 -0.57 0.00	16.38 -0.60 0.00	15.65 -0.51 0.00	12.83 -0.39 0.00	15.13 -0.50 0.00	16.24 -0.38 0.00	16.17 -0.31 0.00	16.30 -0.41 0.00	15.37 -0.39 0.00	14.69 -0.29 0.00	14.70 -0.43 0.00	15.52 -0.66 0.00	16.89 -0.85 0.00	18.05 -0.62 0.00	17.89 -0.93 0.00	20.66 -1.01 0.00	24.09 -1.03 0.00	26.80 -0.85 0.00	21.93 -0.35 0.00	19.72 -0.29 0.00	16.12 -0.09 0.00
OAK ORCHARD____HYD 24046	16.00 -0.07 0.00	17.22 -0.14 0.00	16.04 -0.20 0.00	15.23 -0.20 0.00	16.77 -0.21 0.00	15.98 -0.19 0.00	13.09 -0.12 0.00	15.48 -0.15 0.00	16.55 -0.07 0.00	16.46 -0.03 0.00	16.64 -0.08 0.00	15.68 -0.08 0.00	14.95 -0.03 0.00	15.03 -0.09 0.00	15.98 -0.19 0.00	17.47 -0.28 0.00	18.55 -0.13 0.00	18.57 -0.25 0.00	21.43 -0.24 0.00	24.92 -0.20 0.00	27.54 -0.11 0.00	22.32 0.04 0.00	20.02 0.01 0.00	16.28 0.07 0.00
OAKDALE__35_KV_LOAD 356122	16.25 0.19 0.00	17.55 0.19 0.00	16.38 0.14 0.00	15.55 0.12 0.00	17.13 0.15 0.00	16.30 0.14 0.00	13.38 0.17 0.00	15.82 0.19 0.00	16.87 0.24 0.00	16.74 0.26 0.00	16.97 0.26 0.00	15.98 0.21 0.00	15.16 0.18 0.00	15.28 0.16 0.00	16.34 0.17 0.00	17.92 0.17 0.00	18.91 0.23 0.00	19.05 0.23 0.00	21.94 0.26 0.00	25.48 0.36 0.00	28.16 0.51 0.00	22.75 0.47 0.00	20.43 0.42 0.00	16.57 0.36 0.00
OCC_CHEM____DRP 24175	15.37 -0.69 0.00	16.58 -0.78 0.00	15.48 -0.75 0.00	14.73 -0.70 0.00	16.24 -0.74 0.00	15.52 -0.64 0.00	12.71 -0.50 0.00	15.02 -0.62 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.52 0.00	14.56 -0.41 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.68 -1.14 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.32 -1.32 0.00	21.57 -0.71 0.00	19.43 -0.58 0.00	15.89 -0.31 0.00
OH_GEN_PROXY 24063	15.44 -0.63 0.00	16.64 -0.72 0.00	15.52 -0.71 0.00	14.77 -0.67 0.00	25.36 -0.70 -9.08	15.56 -0.61 0.00	12.74 -0.47 0.00	15.04 -0.59 0.00	16.13 -0.49 0.00	16.06 -0.42 0.00	16.19 -0.52 0.00	15.27 -0.49 0.00	14.58 -0.39 0.00	14.60 -0.52 0.00	15.42 -0.75 0.00	16.78 -0.97 0.00	17.92 -0.76 0.00	17.75 -1.07 0.00	20.49 -1.18 0.00	23.88 -1.24 0.00	26.55 -1.09 0.00	21.73 -0.55 0.00	19.54 -0.47 0.00	15.98 -0.23 0.00
OLIN_CORP_DRP 24177	15.31 -0.75 0.00	16.51 -0.85 0.00	15.40 -0.83 0.00	14.66 -0.78 0.00	16.16 -0.82 0.00	15.44 -0.72 0.00	12.64 -0.57 0.00	14.93 -0.70 0.00	16.01 -0.61 0.00	15.94 -0.54 0.00	16.06 -0.66 0.00	15.16 -0.61 0.00	14.48 -0.49 0.00	14.48 -0.64 0.00	15.28 -0.89 0.00	16.63 -1.12 0.00	17.76 -0.92 0.00	17.60 -1.22 0.00	20.29 -1.38 0.00	23.67 -1.45 0.00	26.36 -1.29 0.00	21.60 -0.69 0.00	19.44 -0.57 0.00	15.90 -0.31 0.00
OLIN_CORP_DSASP 323712	15.37 -0.69 0.00	16.59 -0.77 0.00	15.48 -0.76 0.00	14.73 -0.70 0.00	16.24 -0.73 0.00	15.53 -0.64 0.00	12.71 -0.50 0.00	15.00 -0.64 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.53 0.00	14.56 -0.42 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.67 -1.15 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.33 -1.32 0.00	21.57 -0.71 0.00	19.42 -0.59 0.00	15.88 -0.33 0.00



ONEIDA_HERK_LFGE 323681	16.21 0.15 0.00	17.50 0.14 0.00	16.35 0.11 0.00	15.58 0.15 0.00	17.15 0.17 0.00	16.33 0.16 0.00	13.37 0.16 0.00	15.88 0.24 0.00	16.92 0.30 0.00	16.72 0.24 0.00	16.90 0.19 0.00	15.92 0.15 0.00	15.10 0.12 0.00	15.23 0.11 0.00	16.33 0.15 0.00	17.96 0.21 0.00	19.03 0.36 0.00	19.25 0.43 0.00	22.23 0.56 0.00	25.73 0.60 0.00	28.30 0.65 0.00	22.80 0.52 0.00	20.45 0.44 0.00	16.52 0.31 0.00
ONEIDA___115KV_TB4 55905	16.39 0.33 0.00	17.70 0.34 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.33 0.35 0.00	16.50 0.34 0.00	13.52 0.31 0.00	16.05 0.42 0.00	17.10 0.48 0.00	16.91 0.43 0.00	17.12 0.40 0.00	16.11 0.34 0.00	15.30 0.33 0.00	15.40 0.28 0.00	16.50 0.32 0.00	18.14 0.39 0.00	19.22 0.54 0.00	19.39 0.57 0.00	22.36 0.69 0.00	25.94 0.82 0.00	28.54 0.89 0.00	22.98 0.70 0.00	20.60 0.59 0.00	16.67 0.47 0.00
ONONDAGA_REF_OCCRA 23987	16.14 0.08 0.00	17.43 0.06 0.00	16.26 0.03 0.00	15.45 0.02 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.27 0.06 0.00	15.70 0.06 0.00	16.73 0.11 0.00	16.60 0.12 0.00	16.83 0.11 0.00	15.86 0.09 0.00	15.06 0.08 0.00	15.18 0.06 0.00	16.23 0.05 0.00	17.79 0.05 0.00	18.79 0.11 0.00	18.93 0.11 0.00	21.82 0.15 0.00	25.31 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.19 0.18 0.00	16.38 0.17 0.00
ONONDAGA___COGEN 23986	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
ONTARIO___LFGE 23819	16.26 0.20 0.00	17.50 0.14 0.00	16.28 0.04 0.00	15.45 0.01 0.00	17.03 0.04 0.00	16.22 0.06 0.00	13.31 0.10 0.00	15.74 0.11 0.00	16.82 0.19 0.00	16.70 0.22 0.00	16.90 0.18 0.00	15.87 0.10 0.00	15.08 0.10 0.00	15.17 0.06 0.00	16.19 0.02 0.00	17.80 0.05 0.00	18.87 0.19 0.00	18.98 0.16 0.00	21.87 0.20 0.00	25.43 0.31 0.00	28.14 0.50 0.00	22.76 0.48 0.00	20.42 0.41 0.00	16.57 0.36 0.00
ORANGEVILLE_WT_PWR 323706	15.74 -0.32 0.00	16.95 -0.41 0.00	15.78 -0.45 0.00	14.99 -0.45 0.00	16.55 -0.43 0.00	15.80 -0.36 0.00	12.92 -0.29 0.00	15.24 -0.39 0.00	16.30 -0.32 0.00	16.23 -0.25 0.00	16.43 -0.29 0.00	15.45 -0.32 0.00	14.70 -0.28 0.00	14.74 -0.37 0.00	15.68 -0.50 0.00	17.12 -0.63 0.00	18.27 -0.41 0.00	18.19 -0.63 0.00	21.06 -0.61 0.00	24.54 -0.58 0.00	27.28 -0.37 0.00	22.24 -0.04 0.00	20.04 0.03 0.00	16.35 0.14 0.00
ORANGEVILLE___ESR 323794	15.74 -0.32 0.00	16.95 -0.41 0.00	15.78 -0.45 0.00	14.99 -0.45 0.00	16.55 -0.43 0.00	15.80 -0.36 0.00	12.92 -0.29 0.00	15.24 -0.39 0.00	16.30 -0.32 0.00	16.23 -0.25 0.00	16.43 -0.29 0.00	15.45 -0.32 0.00	14.70 -0.28 0.00	14.74 -0.37 0.00	15.68 -0.50 0.00	17.12 -0.63 0.00	18.27 -0.41 0.00	18.19 -0.63 0.00	21.06 -0.61 0.00	24.54 -0.58 0.00	27.28 -0.37 0.00	22.24 -0.04 0.00	20.04 0.03 0.00	16.35 0.14 0.00
OSWEGATCHIE___HYD 24044	15.96 -0.10 0.00	17.21 -0.14 0.00	16.08 -0.15 0.00	15.36 -0.08 0.00	16.91 -0.08 0.00	16.09 -0.08 0.00	13.13 -0.08 0.00	15.60 -0.03 0.00	16.56 -0.06 0.00	16.35 -0.13 0.00	16.52 -0.19 0.00	15.56 -0.21 0.00	14.75 -0.23 0.00	14.88 -0.24 0.00	15.92 -0.25 0.00	17.55 -0.20 0.00	18.52 -0.16 0.00	18.74 -0.09 0.00	21.65 -0.02 0.00	25.04 -0.08 0.00	27.61 -0.05 0.00	22.35 0.07 0.00	20.10 0.09 0.00	16.22 0.01 0.00
OSWEGO___5 23606	15.76 -0.30 0.00	17.02 -0.34 0.00	15.90 -0.34 0.00	15.11 -0.33 0.00	16.62 -0.35 0.00	15.83 -0.34 0.00	12.94 -0.27 0.00	15.30 -0.33 0.00	16.30 -0.33 0.00	16.16 -0.32 0.00	16.38 -0.33 0.00	15.45 -0.32 0.00	14.67 -0.30 0.00	14.80 -0.32 0.00	15.81 -0.36 0.00	17.32 -0.42 0.00	18.27 -0.41 0.00	18.40 -0.42 0.00	21.18 -0.49 0.00	24.56 -0.56 0.00	27.07 -0.58 0.00	21.83 -0.45 0.00	19.60 -0.41 0.00	15.93 -0.28 0.00
OSWEGO___6 23613	15.76 -0.30 0.00	17.02 -0.34 0.00	15.90 -0.34 0.00	15.11 -0.33 0.00	16.62 -0.35 0.00	15.83 -0.34 0.00	12.94 -0.27 0.00	15.30 -0.33 0.00	16.30 -0.33 0.00	16.16 -0.32 0.00	16.38 -0.33 0.00	15.45 -0.32 0.00	14.67 -0.30 0.00	14.80 -0.32 0.00	15.81 -0.36 0.00	17.32 -0.42 0.00	18.27 -0.41 0.00	18.40 -0.42 0.00	21.18 -0.49 0.00	24.56 -0.56 0.00	27.07 -0.58 0.00	21.83 -0.45 0.00	19.60 -0.41 0.00	15.93 -0.28 0.00
OUTOKUMPU-AB___DRP 24206	15.70 -0.36 0.00	16.91 -0.45 0.00	15.78 -0.45 0.00	15.01 -0.42 0.00	16.55 -0.43 0.00	15.82 -0.34 0.00	12.96 -0.25 0.00	15.31 -0.32 0.00	16.42 -0.21 0.00	16.36 -0.13 0.00	16.49 -0.23 0.00	15.56 -0.21 0.00	14.85 -0.13 0.00	14.86 -0.26 0.00	15.70 -0.47 0.00	17.09 -0.66 0.00	18.26 -0.42 0.00	18.11 -0.71 0.00	20.88 -0.79 0.00	24.31 -0.81 0.00	27.05 -0.61 0.00	22.13 -0.15 0.00	19.91 -0.09 0.00	16.27 0.06 0.00
OXBOW___ 24026	15.58 -0.48 0.00	16.80 -0.56 0.00	15.67 -0.57 0.00	14.91 -0.53 0.00	16.44 -0.54 0.00	15.71 -0.45 0.00	12.87 -0.34 0.00	15.19 -0.45 0.00	16.31 -0.32 0.00	16.24 -0.24 0.00	16.37 -0.35 0.00	15.44 -0.33 0.00	14.75 -0.23 0.00	14.76 -0.36 0.00	15.58 -0.59 0.00	16.95 -0.80 0.00	18.12 -0.56 0.00	17.94 -0.88 0.00	20.69 -0.98 0.00	24.05 -1.07 0.00	26.77 -0.88 0.00	21.92 -0.36 0.00	19.72 -0.29 0.00	16.12 -0.09 0.00
OXY_CHEM_DSASP 323612	15.37 -0.69 0.00	16.58 -0.78 0.00	15.48 -0.75 0.00	14.73 -0.70 0.00	16.24 -0.74 0.00	15.52 -0.64 0.00	12.71 -0.50 0.00	15.02 -0.62 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.52 0.00	14.56 -0.41 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.68 -1.14 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.32 -1.32 0.00	21.57 -0.71 0.00	19.43 -0.58 0.00	15.89 -0.31 0.00
OZONE_PARK_ESR 323760	17.08 1.02 0.00	18.44 1.07 0.00	17.21 0.98 0.00	16.34 0.90 0.00	17.95 0.98 0.00	17.08 0.91 0.00	14.11 0.90 0.00	16.68 1.05 0.00	17.71 1.09 0.00	17.60 1.12 0.00	17.89 1.17 0.00	16.88 1.11 0.00	16.02 1.04 0.00	16.19 1.07 0.00	17.36 1.19 0.00	18.98 1.24 0.00	19.96 1.28 0.00	20.08 1.26 0.00	23.10 1.43 0.00	26.85 1.72 0.00	29.61 1.85 -0.11	23.90 1.56 -0.06	21.45 1.44 0.00	17.30 1.09 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	15.37 -0.69 0.00	16.58 -0.78 0.00	15.48 -0.75 0.00	14.73 -0.70 0.00	16.24 -0.74 0.00	15.52 -0.64 0.00	12.71 -0.50 0.00	15.02 -0.62 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.52 0.00	14.56 -0.41 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.68 -1.14 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.32 -1.32 0.00	21.57 -0.71 0.00	19.43 -0.58 0.00	15.89 -0.31 0.00



PACKARD__115KV_DUPONT_184 80571	15.37 -0.69 0.00	16.58 -0.78 0.00	15.48 -0.75 0.00	14.73 -0.70 0.00	16.24 -0.74 0.00	15.52 -0.64 0.00	12.71 -0.50 0.00	15.02 -0.62 0.00	16.10 -0.53 0.00	16.03 -0.45 0.00	16.15 -0.56 0.00	15.24 -0.52 0.00	14.56 -0.41 0.00	14.57 -0.55 0.00	15.37 -0.80 0.00	16.71 -1.04 0.00	17.86 -0.82 0.00	17.68 -1.14 0.00	20.36 -1.31 0.00	23.64 -1.48 0.00	26.32 -1.32 0.00	21.57 -0.71 0.00	19.43 -0.58 0.00	15.89 -0.31 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	16.89 0.83 0.00	18.22 0.86 0.00	17.03 0.79 0.00	16.16 0.72 0.00	17.74 0.76 0.00	16.89 0.73 0.00	13.94 0.73 0.00	16.48 0.85 0.00	17.48 0.86 0.00	17.37 0.89 0.00	17.67 0.95 0.00	16.76 1.00 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.76 1.02 0.00	19.71 1.03 0.00	19.84 1.02 0.00	22.83 1.16 0.00	26.50 1.37 0.00	29.21 1.46 -0.11	23.61 1.27 -0.06	21.17 1.16 0.00	17.09 0.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	16.89 0.83 0.00	18.22 0.86 0.00	17.04 0.81 0.00	16.21 0.78 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.55 0.92 0.00	17.44 0.96 0.00	17.67 0.96 0.00	16.77 1.00 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.76 1.02 0.00	19.71 1.03 0.00	19.84 1.02 0.00	22.83 1.16 0.00	26.50 1.38 0.00	29.21 1.46 -0.11	23.61 1.27 -0.06	21.17 1.16 0.00	17.09 0.88 0.00
PATROON__115KV_TB1 80586	16.31 0.25 0.00	17.67 0.31 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.31 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.99 0.35 0.00	16.97 0.35 0.00	16.79 0.31 0.00	17.03 0.32 0.00	16.10 0.33 0.00	15.28 0.31 0.00	15.47 0.35 0.00	16.59 0.41 0.00	18.19 0.44 0.00	19.16 0.48 0.00	19.36 0.54 0.00	22.27 0.60 0.00	25.78 0.66 0.00	28.24 0.70 0.11	22.77 0.56 0.07	20.48 0.47 0.00	16.53 0.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	15.99 -0.07 0.00	17.22 -0.14 0.00	16.05 -0.19 0.00	15.26 -0.18 0.00	16.82 -0.16 0.00	16.08 -0.08 0.00	13.19 -0.02 0.00	15.59 -0.05 0.00	16.69 0.07 0.00	16.63 0.15 0.00	16.79 0.07 0.00	15.84 0.07 0.00	15.10 0.13 0.00	15.13 0.01 0.00	16.02 -0.15 0.00	17.45 -0.30 0.00	18.62 -0.06 0.00	18.50 -0.32 0.00	21.35 -0.32 0.00	24.91 -0.21 0.00	27.67 0.02 0.00	22.59 0.31 0.00	20.32 0.31 0.00	16.58 0.37 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	16.96 0.90 0.00	18.31 0.95 0.00	17.11 0.88 0.00	16.24 0.81 0.00	17.87 0.89 0.00	17.01 0.84 0.00	14.02 0.81 0.00	16.59 0.96 0.00	17.62 1.00 0.00	17.49 1.01 0.00	17.76 1.04 0.00	16.74 0.98 0.00	15.87 0.90 0.00	16.06 0.94 0.00	17.22 1.05 0.00	18.85 1.10 0.00	19.83 1.15 0.00	19.98 1.15 0.00	22.99 1.32 0.00	26.69 1.56 0.00	29.43 1.69 -0.09	23.74 1.40 -0.05	21.29 1.28 0.00	17.17 0.96 0.00
PEEKSKILL____ 23653	16.83 0.77 0.00	18.17 0.81 0.00	16.98 0.75 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.86 0.70 0.00	13.90 0.69 0.00	16.45 0.81 0.00	17.45 0.83 0.00	17.32 0.84 0.00	17.60 0.88 0.00	16.60 0.83 0.00	15.74 0.77 0.00	15.91 0.79 0.00	17.07 0.90 0.00	18.68 0.93 0.00	19.64 0.96 0.00	19.77 0.95 0.00	22.74 1.07 0.00	26.40 1.28 0.00	29.14 1.38 -0.11	23.52 1.18 -0.06	21.10 1.09 0.00	17.03 0.82 0.00
PGE MADISON__WINDPWR 24146	17.17 1.11 0.00	18.45 1.09 0.00	17.20 0.97 0.00	16.32 0.89 0.00	18.04 1.06 0.00	17.20 1.04 0.00	14.17 0.95 0.00	16.85 1.21 0.00	17.99 1.37 0.00	17.78 1.30 0.00	18.00 1.28 0.00	16.85 1.08 0.00	15.87 0.90 0.00	15.92 0.81 0.00	16.87 0.70 0.00	18.70 0.95 0.00	20.01 1.33 0.00	20.30 1.48 0.00	23.53 1.86 0.00	27.32 2.19 0.00	30.19 2.54 0.00	24.26 1.98 0.00	21.67 1.67 0.00	17.52 1.32 0.00
PIERCEFIELD____HYD 23852	16.07 0.01 0.00	17.35 -0.01 0.00	16.21 -0.02 0.00	15.46 0.03 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.19 -0.03 0.00	15.62 -0.01 0.00	16.53 -0.10 0.00	16.32 -0.16 0.00	16.53 -0.19 0.00	15.58 -0.19 0.00	14.77 -0.21 0.00	14.91 -0.21 0.00	15.93 -0.25 0.00	17.55 -0.19 0.00	18.36 -0.32 0.00	18.52 -0.31 0.00	21.37 -0.30 0.00	24.75 -0.37 0.00	27.33 -0.32 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.17 -0.04 0.00
PINELAWN_CC_1 323563	17.23 1.17 0.00	18.60 1.24 0.00	17.37 1.13 0.00	16.46 1.02 0.00	18.12 1.14 0.00	17.25 1.09 0.00	14.29 1.08 0.00	16.87 1.23 0.00	17.94 1.31 0.00	17.66 1.18 0.00	18.89 1.42 -0.76	18.36 1.33 -1.25	17.88 1.22 -1.68	17.41 1.20 -1.08	17.55 1.37 0.00	19.85 1.45 -0.66	20.04 1.36 0.00	20.19 1.25 -0.11	23.04 1.37 0.00	26.70 1.57 0.00	29.61 1.85 -0.11	27.44 1.79 -3.37	22.81 1.67 -1.13	17.50 1.29 0.00
PJM_GEN_HTP_PROXY 323702	16.95 0.89 0.00	18.29 0.93 0.00	17.09 0.85 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.96 0.80 0.00	14.01 0.80 0.00	16.56 0.92 0.00	17.58 0.96 0.00	17.46 0.98 0.00	17.74 1.02 0.00	16.73 0.96 0.00	15.88 0.90 0.00	16.05 0.93 0.00	17.22 1.05 0.00	18.82 1.07 0.00	19.79 1.11 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.60 1.48 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.27 1.26 0.00	17.16 0.95 0.00
PJM_GEN_KEystone 24065	16.34 0.28 0.00	17.63 0.26 0.00	16.44 0.21 0.00	15.60 0.17 0.00	17.18 0.20 0.00	16.37 0.20 0.00	13.48 0.26 0.00	15.92 0.29 0.00	16.95 0.33 0.00	16.85 0.37 0.00	17.08 0.37 0.00	16.11 0.34 0.00	15.30 0.32 0.00	15.42 0.30 0.00	16.47 0.30 0.00	18.00 0.25 0.00	19.02 0.34 0.00	19.06 0.24 0.00	21.95 0.28 0.00	25.54 0.41 0.00	28.27 0.56 -0.06	22.91 0.59 -0.04	20.56 0.55 0.00	16.66 0.46 0.00
PJM_GEN_NEPTUNE_PROXY 323594	17.01 0.95 0.00	18.37 1.01 0.00	17.15 0.91 0.00	16.26 0.82 0.00	17.90 0.92 0.00	17.04 0.87 0.00	14.10 0.89 0.00	16.64 1.01 0.00	17.70 1.08 0.00	17.46 0.98 0.00	17.99 1.21 -0.07	16.96 1.17 -0.02	15.72 1.09 0.35	16.10 1.07 0.10	16.27 1.19 1.10	18.72 1.23 0.26	19.81 1.13 0.01	19.85 1.03 0.00	22.78 1.11 0.00	26.42 1.29 0.00	29.27 1.51 -0.10	23.75 1.48 0.01	21.50 1.40 -0.10	17.26 1.07 0.01
PJM_GEN_VFT_PROXY 323633	16.91 0.85 0.00	18.26 0.90 0.00	17.05 0.82 0.00	16.18 0.74 0.00	17.79 0.81 0.00	16.90 0.74 0.00	13.98 0.77 0.00	16.52 0.89 0.00	17.51 0.88 0.00	17.40 0.92 0.00	17.68 0.96 0.00	16.70 0.93 0.00	15.83 0.85 0.00	16.01 0.89 0.00	17.18 1.00 0.00	18.76 1.01 0.00	19.72 1.04 0.00	19.83 1.01 0.00	22.80 1.13 0.00	26.51 1.38 0.00	29.23 1.47 -0.11	23.60 1.25 -0.06	21.20 1.19 0.00	17.12 0.91 0.00
PLATSBURG_115KV_PMLD1 355749	16.65 0.59 0.00	17.92 0.56 0.00	16.76 0.52 0.00	15.94 0.50 0.00	17.55 0.57 0.00	16.73 0.57 0.00	13.59 0.38 0.00	16.04 0.40 0.00	17.04 0.41 0.00	16.88 0.40 0.00	17.08 0.37 0.00	16.18 0.42 0.00	15.48 0.51 0.00	15.70 0.58 0.00	16.76 0.58 0.00	18.39 0.64 0.00	19.27 0.59 0.00	19.45 0.63 0.00	22.41 0.74 0.00	25.91 0.79 0.00	28.44 0.79 0.00	22.91 0.63 0.00	20.53 0.52 0.00	16.73 0.52 0.00



PLEASANTVLY___LBMP 24000	16.72 0.66 0.00	18.07 0.71 0.00	16.89 0.66 0.00	16.04 0.61 0.00	17.65 0.67 0.00	16.79 0.63 0.00	13.83 0.61 0.00	16.36 0.72 0.00	17.36 0.74 0.00	17.21 0.73 0.00	17.49 0.77 0.00	16.49 0.73 0.00	15.64 0.66 0.00	15.81 0.70 0.00	16.96 0.79 0.00	18.57 0.83 0.00	19.51 0.83 0.00	19.65 0.83 0.00	22.60 0.93 0.00	26.22 1.10 0.00	28.96 1.18 -0.13	23.36 1.01 -0.07	20.96 0.94 0.00	16.92 0.71 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	16.87 0.81 0.00	18.20 0.85 0.00	17.01 0.78 0.00	16.15 0.72 0.00	17.77 0.79 0.00	16.91 0.74 0.00	13.94 0.73 0.00	16.49 0.85 0.00	17.50 0.88 0.00	17.36 0.88 0.00	17.64 0.92 0.00	16.64 0.87 0.00	15.78 0.80 0.00	15.95 0.83 0.00	17.11 0.93 0.00	18.72 0.97 0.00	19.68 1.01 0.00	19.81 0.99 0.00	22.80 1.13 0.00	26.47 1.34 0.00	29.21 1.45 -0.11	23.58 1.23 -0.06	21.14 1.13 0.00	17.06 0.86 0.00
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	16.87 0.81 0.00	18.20 0.85 0.00	17.01 0.78 0.00	16.15 0.72 0.00	17.77 0.79 0.00	16.91 0.74 0.00	13.94 0.73 0.00	16.49 0.85 0.00	17.50 0.88 0.00	17.36 0.88 0.00	17.64 0.92 0.00	16.64 0.87 0.00	15.78 0.80 0.00	15.95 0.83 0.00	17.11 0.93 0.00	18.72 0.97 0.00	19.68 1.01 0.00	19.81 0.99 0.00	22.80 1.13 0.00	26.47 1.34 0.00	29.21 1.45 -0.11	23.58 1.23 -0.06	21.14 1.13 0.00	17.06 0.86 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	16.85 0.79 0.00	18.20 0.84 0.00	17.01 0.78 0.00	16.15 0.72 0.00	17.77 0.79 0.00	16.91 0.75 0.00	13.93 0.72 0.00	16.49 0.85 0.00	17.51 0.88 0.00	17.36 0.88 0.00	17.63 0.91 0.00	16.61 0.84 0.00	15.75 0.78 0.00	15.94 0.82 0.00	17.09 0.91 0.00	18.73 0.98 0.00	19.68 1.01 0.00	19.84 1.02 0.00	22.84 1.17 0.00	26.50 1.38 0.00	29.09 1.48 0.04	23.49 1.24 0.03	21.14 1.13 0.00	17.06 0.85 0.00
POLETTI____ 23519	16.88 0.82 0.00	18.22 0.85 0.00	17.02 0.78 0.00	16.16 0.72 0.00	17.77 0.79 0.00	16.90 0.73 0.00	13.96 0.75 0.00	16.50 0.86 0.00	17.51 0.89 0.00	17.39 0.91 0.00	17.67 0.96 0.00	16.68 0.91 0.00	15.84 0.86 0.00	16.00 0.88 0.00	17.16 0.99 0.00	18.76 1.01 0.00	19.73 1.05 0.00	19.84 1.02 0.00	22.80 1.13 0.00	26.49 1.37 0.00	29.21 1.45 -0.11	23.59 1.24 -0.06	21.18 1.18 0.00	17.10 0.89 0.00
POMONA___ESR 323819	16.84 0.79 0.00	18.19 0.83 0.00	16.99 0.76 0.00	16.11 0.68 0.00	17.72 0.74 0.00	16.87 0.70 0.00	13.91 0.70 0.00	16.46 0.82 0.00	17.46 0.84 0.00	17.33 0.84 0.00	17.60 0.89 0.00	16.61 0.84 0.00	15.75 0.77 0.00	15.92 0.81 0.00	17.09 0.91 0.00	18.69 0.94 0.00	19.66 0.98 0.00	19.80 0.97 0.00	22.77 1.10 0.00	26.44 1.32 0.00	29.17 1.42 -0.10	23.56 1.22 -0.06	21.12 1.11 0.00	17.04 0.83 0.00
PORT_JEFF_3 23555	17.41 1.35 0.00	18.80 1.44 0.00	17.54 1.31 0.00	16.63 1.20 0.00	18.31 1.33 0.00	17.44 1.27 0.00	14.46 1.25 0.00	17.06 1.43 0.00	18.15 1.53 0.00	17.85 1.37 0.00	18.67 1.61 -0.35	17.80 1.51 -0.52	16.83 1.38 -0.47	16.88 1.38 -0.38	17.08 1.55 0.65	19.49 1.63 -0.11	20.25 1.56 0.00	22.02 1.41 -1.79	23.09 1.42 0.00	26.72 1.60 0.00	29.64 1.88 -0.11	25.52 1.89 -1.36	22.38 1.85 -0.52	17.70 1.50 0.00
PORT_JEFF_4 23616	17.41 1.35 0.00	18.80 1.44 0.00	17.54 1.31 0.00	16.63 1.20 0.00	18.31 1.33 0.00	17.44 1.27 0.00	14.46 1.25 0.00	17.06 1.43 0.00	18.15 1.53 0.00	17.85 1.37 0.00	18.67 1.61 -0.35	17.80 1.51 -0.52	16.83 1.38 -0.47	16.88 1.38 -0.38	17.08 1.55 0.65	19.49 1.63 -0.11	20.25 1.56 0.00	22.02 1.41 -1.79	23.09 1.42 0.00	26.72 1.60 0.00	29.64 1.88 -0.11	25.52 1.89 -1.36	22.38 1.85 -0.52	17.70 1.50 0.00
PORT_JEFF_IC 23713	17.43 1.37 0.00	18.81 1.45 0.00	17.56 1.33 0.00	16.65 1.21 0.00	18.33 1.35 0.00	17.46 1.30 0.00	14.47 1.26 0.00	17.08 1.45 0.00	18.17 1.55 0.00	17.87 1.39 0.00	18.71 1.63 -0.36	17.84 1.53 -0.54	16.89 1.40 -0.51	16.92 1.39 -0.40	17.12 1.58 0.63	19.53 1.65 -0.13	20.28 1.59 -0.01	22.30 1.41 -2.07	23.11 1.44 0.00	26.75 1.62 0.00	29.67 1.91 -0.11	25.65 1.95 -1.42	22.44 1.90 -0.54	17.73 1.52 0.00
PPL PILGRIM_ST_GT1 24216	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.30 0.00	16.62 1.18 0.00	18.30 1.32 0.00	17.42 1.26 0.00	14.44 1.23 0.00	17.04 1.41 0.00	18.12 1.50 0.00	17.82 1.34 0.00	18.71 1.58 -0.41	17.90 1.49 -0.64	17.02 1.37 -0.68	16.98 1.36 -0.50	17.17 1.54 0.54	19.57 1.61 -0.21	20.22 1.54 0.00	20.53 1.35 -0.36	23.05 1.38 0.00	26.73 1.61 0.00	29.72 1.97 -0.11	25.96 1.99 -1.70	22.51 1.88 -0.62	17.68 1.48 0.00
PPL PILGRIM_ST_GT2 24217	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.30 0.00	16.62 1.18 0.00	18.30 1.32 0.00	17.42 1.26 0.00	14.44 1.23 0.00	17.04 1.41 0.00	18.12 1.50 0.00	17.82 1.34 0.00	18.71 1.58 -0.41	17.90 1.49 -0.64	17.02 1.37 -0.68	16.98 1.36 -0.50	17.17 1.54 0.54	19.57 1.61 -0.21	20.22 1.54 0.00	20.53 1.35 -0.36	23.05 1.38 0.00	26.73 1.61 0.00	29.72 1.97 -0.11	25.96 1.99 -1.70	22.51 1.88 -0.62	17.68 1.48 0.00
PPL_SHRM_GT3 24213	17.59 1.53 0.00	18.98 1.62 0.00	17.72 1.48 0.00	16.80 1.36 0.00	18.49 1.51 0.00	17.61 1.45 0.00	14.61 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.04 1.56 0.00	18.86 1.80 -0.35	17.98 1.69 -0.53	16.98 1.51 -0.49	17.03 1.52 -0.39	17.24 1.71 0.64	19.67 1.80 -0.12	20.46 1.78 0.00	22.35 1.70 -1.83	23.52 1.85 0.00	27.22 2.10 0.00	30.19 2.44 -0.11	25.95 2.28 -1.39	22.68 2.15 -0.53	17.91 1.70 0.00
PPL_SHRM_GT4 24214	17.59 1.53 0.00	18.98 1.62 0.00	17.72 1.48 0.00	16.80 1.36 0.00	18.49 1.51 0.00	17.61 1.45 0.00	14.61 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.04 1.56 0.00	18.86 1.80 -0.35	17.98 1.69 -0.53	16.98 1.51 -0.49	17.03 1.52 -0.39	17.24 1.71 0.64	19.67 1.80 -0.12	20.46 1.78 0.00	22.35 1.70 -1.83	23.52 1.85 0.00	27.22 2.10 0.00	30.19 2.44 -0.11	25.95 2.28 -1.39	22.68 2.15 -0.53	17.91 1.70 0.00
PROJECT___ORANGE 1 24174	16.04 -0.02 0.00	17.32 -0.04 0.00	16.17 -0.06 0.00	15.36 -0.08 0.00	16.91 -0.07 0.00	16.10 -0.07 0.00	13.18 -0.03 0.00	15.60 -0.04 0.00	16.62 -0.01 0.00	16.49 0.01 0.00	16.71 0.00 0.00	15.76 -0.01 0.00	14.96 -0.01 0.00	15.09 -0.03 0.00	16.12 -0.05 0.00	17.67 -0.08 0.00	18.65 -0.03 0.00	18.79 -0.04 0.00	21.64 -0.03 0.00	25.11 -0.02 0.00	27.66 0.01 0.00	22.32 0.04 0.00	20.03 0.02 0.00	16.26 0.06 0.00
PROJECT___ORANGE 2 24166	16.04 -0.02 0.00	17.32 -0.04 0.00	16.17 -0.06 0.00	15.36 -0.08 0.00	16.91 -0.07 0.00	16.10 -0.07 0.00	13.18 -0.03 0.00	15.60 -0.04 0.00	16.62 -0.01 0.00	16.49 0.01 0.00	16.71 0.00 0.00	15.76 -0.01 0.00	14.96 -0.01 0.00	15.09 -0.03 0.00	16.12 -0.05 0.00	17.67 -0.08 0.00	18.65 -0.03 0.00	18.79 -0.04 0.00	21.64 -0.03 0.00	25.11 -0.02 0.00	27.66 0.01 0.00	22.32 0.04 0.00	20.03 0.02 0.00	16.26 0.06 0.00



PUCKETT___SOLAR 323809	16.49 0.43 0.00	17.80 0.44 0.00	16.60 0.37 0.00	15.76 0.33 0.00	17.37 0.39 0.00	16.54 0.37 0.00	13.59 0.37 0.00	16.09 0.45 0.00	17.14 0.51 0.00	16.98 0.49 0.00	17.22 0.50 0.00	16.16 0.39 0.00	15.33 0.36 0.00	15.43 0.31 0.00	16.49 0.31 0.00	18.13 0.39 0.00	19.21 0.54 0.00	19.41 0.59 0.00	22.41 0.74 0.00	26.03 0.91 0.00	28.73 1.08 0.00	23.18 0.90 0.00	20.78 0.78 0.00	16.82 0.61 0.00
PYRITES___HYD 24023	16.28 0.22 0.00	17.59 0.23 0.00	16.43 0.19 0.00	15.67 0.23 0.00	17.24 0.26 0.00	16.41 0.24 0.00	13.38 0.17 0.00	15.86 0.22 0.00	16.79 0.17 0.00	16.63 0.15 0.00	16.86 0.15 0.00	15.86 0.09 0.00	15.04 0.06 0.00	15.19 0.07 0.00	16.22 0.05 0.00	17.90 0.15 0.00	18.71 0.04 0.00	18.89 0.07 0.00	21.84 0.17 0.00	25.30 0.18 0.00	27.90 0.25 0.00	22.57 0.29 0.00	20.29 0.28 0.00	16.39 0.18 0.00
QUAKERRD_115KV_BK1 80622	15.82 -0.24 0.00	16.99 -0.36 0.00	15.79 -0.44 0.00	14.99 -0.45 0.00	16.48 -0.50 0.00	15.68 -0.49 0.00	12.82 -0.39 0.00	15.18 -0.46 0.00	16.21 -0.41 0.00	16.10 -0.38 0.00	16.29 -0.42 0.00	15.36 -0.41 0.00	14.63 -0.35 0.00	14.73 -0.39 0.00	15.68 -0.49 0.00	17.16 -0.59 0.00	18.19 -0.50 0.00	18.25 -0.57 0.00	21.03 -0.64 0.00	24.43 -0.70 0.00	26.97 -0.68 0.00	21.82 -0.46 0.00	19.58 -0.43 0.00	15.92 -0.28 0.00
QUENSBRY_115KV_TB8 356137	16.70 0.64 0.00	18.05 0.69 0.00	16.92 0.68 0.00	16.10 0.67 0.00	17.73 0.75 0.00	16.93 0.76 0.00	13.87 0.66 0.00	16.48 0.84 0.00	17.54 0.91 0.00	17.24 0.76 0.00	17.48 0.76 0.00	16.55 0.78 0.00	15.72 0.75 0.00	15.93 0.81 0.00	17.10 0.92 0.00	18.79 1.04 0.00	19.83 1.15 0.00	20.10 1.28 0.00	23.14 1.47 0.00	26.78 1.65 0.00	29.25 1.70 0.10	23.52 1.30 0.06	21.03 1.02 0.00	16.94 0.73 0.00
RAMAPO___LBMP 323565	16.79 0.73 0.00	18.14 0.78 0.00	16.94 0.71 0.00	16.07 0.63 0.00	17.67 0.69 0.00	16.82 0.65 0.00	13.87 0.65 0.00	16.41 0.77 0.00	17.40 0.78 0.00	17.27 0.79 0.00	17.54 0.83 0.00	16.55 0.78 0.00	15.69 0.72 0.00	15.87 0.75 0.00	17.03 0.85 0.00	18.63 0.88 0.00	19.59 0.91 0.00	19.72 0.90 0.00	22.69 1.02 0.00	26.34 1.22 0.00	29.08 1.33 -0.10	23.48 1.14 -0.06	21.05 1.04 0.00	16.98 0.77 0.00
RANKINE____ 23646	15.80 -0.26 0.00	17.02 -0.34 0.00	15.87 -0.37 0.00	15.09 -0.35 0.00	16.64 -0.34 0.00	15.91 -0.26 0.00	13.04 -0.17 0.00	15.40 -0.23 0.00	16.51 -0.12 0.00	16.43 -0.04 0.00	16.58 -0.13 0.00	15.65 -0.12 0.00	14.93 -0.05 0.00	14.95 -0.17 0.00	15.82 -0.35 0.00	17.23 -0.52 0.00	18.39 -0.29 0.00	18.26 -0.56 0.00	21.08 -0.59 0.00	24.59 -0.53 0.00	27.34 -0.31 0.00	22.34 0.06 0.00	20.10 0.09 0.00	16.42 0.21 0.00
RAVENSWOOD_GT2_1 24244	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.96 0.00	17.72 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.77 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT2_2 24245	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.96 0.00	17.72 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.77 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT2_3 24246	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.96 0.80 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.58 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.04 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.88 1.21 0.00	26.58 1.45 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT2_4 24247	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.96 0.80 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.58 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.04 0.00	18.81 1.07 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.88 1.21 0.00	26.58 1.45 0.00	29.32 1.56 -0.11	23.67 1.33 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT3_1 24248	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.96 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.77 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT3_2 24249	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.96 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.77 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT3_3 24250	16.96 0.90 0.00	18.31 0.94 0.00	17.10 0.86 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.74 0.98 0.00	15.89 0.92 0.00	16.07 0.95 0.00	17.23 1.06 0.00	18.83 1.08 0.00	19.80 1.12 0.00	19.91 1.09 0.00	22.90 1.24 0.00	26.61 1.49 0.00	29.35 1.59 -0.11	23.70 1.35 -0.06	21.27 1.26 0.00	17.17 0.96 0.00
RAVENSWOOD_GT3_4 24251	16.96 0.90 0.00	18.31 0.94 0.00	17.10 0.86 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.74 0.98 0.00	15.89 0.92 0.00	16.07 0.95 0.00	17.23 1.06 0.00	18.83 1.08 0.00	19.80 1.12 0.00	19.91 1.09 0.00	22.90 1.24 0.00	26.61 1.49 0.00	29.35 1.59 -0.11	23.70 1.35 -0.06	21.27 1.26 0.00	17.17 0.96 0.00
RAVENSWOOD_GT_1 23729	16.95 0.89 0.00	18.29 0.93 0.00	17.09 0.85 0.00	16.22 0.78 0.00	17.81 0.83 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.56 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.74 1.02 0.00	16.76 0.99 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.79 1.11 0.00	19.92 1.10 0.00	22.90 1.23 0.00	26.59 1.47 0.00	29.31 1.55 -0.11	23.71 1.37 -0.06	21.26 1.25 0.00	17.16 0.95 0.00



RAVENSWOOD_GT_10 24258	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT_11 24259	16.94 0.87 0.00	18.28 0.92 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.56 0.92 0.00	17.57 0.95 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.04 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.90 1.08 0.00	22.87 1.20 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.25 1.24 0.00	17.14 0.94 0.00
RAVENSWOOD_GT_4 24252	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.84 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.95 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.57 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.58 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT_5 24254	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.84 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.95 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.57 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.58 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT_6 24253	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.84 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.95 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.57 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.58 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT_7 24255	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.84 0.00	16.22 0.78 0.00	17.83 0.85 0.00	16.95 0.79 0.00	14.01 0.79 0.00	16.56 0.92 0.00	17.57 0.95 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.72 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.58 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD_GT_9 24257	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.84 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.55 0.92 0.00	17.57 0.94 0.00	17.45 0.97 0.00	17.72 1.01 0.00	16.73 0.96 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.21 1.03 0.00	18.81 1.06 0.00	19.78 1.10 0.00	19.89 1.07 0.00	22.87 1.21 0.00	26.57 1.45 0.00	29.31 1.55 -0.11	23.67 1.32 -0.06	21.24 1.23 0.00	17.14 0.93 0.00
RAVENSWOOD___1 23533	16.94 0.88 0.00	18.28 0.92 0.00	17.08 0.85 0.00	16.21 0.77 0.00	17.80 0.82 0.00	16.94 0.78 0.00	14.00 0.79 0.00	16.55 0.91 0.00	17.56 0.94 0.00	17.45 0.97 0.00	17.73 1.01 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.23 1.05 0.00	18.83 1.08 0.00	19.78 1.10 0.00	19.91 1.09 0.00	22.89 1.22 0.00	26.59 1.46 0.00	29.31 1.55 -0.11	23.69 1.35 -0.06	21.25 1.24 0.00	17.15 0.94 0.00
RAVENSWOOD___2 23534	16.93 0.87 0.00	18.27 0.91 0.00	17.07 0.84 0.00	16.20 0.77 0.00	17.80 0.82 0.00	16.94 0.77 0.00	13.99 0.78 0.00	16.54 0.91 0.00	17.55 0.93 0.00	17.44 0.96 0.00	17.72 1.00 0.00	16.73 0.97 0.00	15.88 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.81 1.07 0.00	19.77 1.09 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.57 1.45 0.00	29.29 1.53 -0.11	23.68 1.34 -0.06	21.23 1.22 0.00	17.14 0.93 0.00
RAVENSWOOD___3 23535	16.93 0.87 0.00	18.28 0.92 0.00	17.08 0.85 0.00	16.21 0.78 0.00	17.82 0.84 0.00	16.95 0.79 0.00	14.00 0.79 0.00	16.56 0.92 0.00	17.57 0.94 0.00	17.44 0.96 0.00	17.72 1.01 0.00	16.72 0.95 0.00	15.87 0.89 0.00	16.04 0.92 0.00	17.20 1.03 0.00	18.80 1.06 0.00	19.77 1.09 0.00	19.89 1.07 0.00	22.87 1.20 0.00	26.57 1.45 0.00	29.30 1.54 -0.11	23.66 1.32 -0.06	21.25 1.24 0.00	17.14 0.93 0.00
RAVENSWOOD___4 23820	16.93 0.87 0.00	18.27 0.91 0.00	17.07 0.84 0.00	16.20 0.77 0.00	17.80 0.82 0.00	16.94 0.77 0.00	13.99 0.78 0.00	16.54 0.91 0.00	17.55 0.93 0.00	17.44 0.96 0.00	17.72 1.00 0.00	16.73 0.97 0.00	15.88 0.91 0.00	16.05 0.93 0.00	17.22 1.04 0.00	18.81 1.07 0.00	19.77 1.09 0.00	19.90 1.08 0.00	22.88 1.21 0.00	26.57 1.45 0.00	29.29 1.53 -0.11	23.68 1.34 -0.06	21.23 1.22 0.00	17.14 0.93 0.00
RCPL_TRUST___DRP 24196	16.96 0.90 0.00	18.31 0.94 0.00	17.10 0.86 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.93 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.75 1.04 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.83 1.09 0.00	19.81 1.13 0.00	19.91 1.09 0.00	22.90 1.23 0.00	26.62 1.50 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.27 1.26 0.00	17.17 0.96 0.00
RED___ROCHESTER 323720	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.13 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.55 -0.08 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.02 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.69 -0.13 0.00	21.57 -0.10 0.00	25.08 -0.05 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.13 0.12 0.00	16.37 0.16 0.00
REGAN___SOLAR 323812	16.94 0.88 0.00	18.29 0.93 0.00	17.08 0.85 0.00	16.28 0.84 0.00	17.91 0.93 0.00	17.06 0.89 0.00	13.95 0.74 0.00	16.62 0.98 0.00	17.46 0.84 0.00	16.48 0.00 0.00	17.25 0.53 0.00	16.09 0.32 0.00	15.17 0.19 0.00	15.70 0.57 0.00	16.66 0.49 0.00	18.82 1.07 0.00	19.63 0.94 0.00	20.54 1.72 0.00	23.33 1.66 0.00	26.95 1.82 0.00	29.50 1.93 0.09	23.77 1.55 0.05	21.32 1.31 0.00	17.19 0.98 0.00



RENSSELAER___COGEN 23796	16.25 0.18 0.00	17.60 0.24 0.00	16.48 0.24 0.00	15.66 0.22 0.00	17.24 0.26 0.00	16.41 0.24 0.00	13.44 0.23 0.00	15.92 0.29 0.00	16.90 0.27 0.00	16.72 0.24 0.00	16.95 0.24 0.00	16.02 0.25 0.00	15.21 0.23 0.00	15.39 0.27 0.00	16.50 0.33 0.00	18.09 0.34 0.00	19.05 0.37 0.00	19.25 0.43 0.00	22.14 0.47 0.00	25.64 0.52 0.00	28.09 0.55 0.11	22.66 0.44 0.07	20.38 0.37 0.00	16.46 0.25 0.00
REPUBLIC_115KV_BARTNBRK 55605	17.31 1.25 0.00	18.69 1.33 0.00	17.59 1.35 0.00	16.78 1.34 0.00	18.53 1.55 0.00	17.78 1.62 0.00	14.56 1.35 0.00	17.35 1.72 0.00	18.48 1.86 0.00	18.15 1.67 0.00	18.36 1.65 0.00	17.42 1.65 0.00	16.57 1.59 0.00	16.89 1.77 0.00	18.13 1.95 0.00	19.97 2.22 0.00	21.11 2.44 0.00	21.47 2.65 0.00	24.69 3.02 0.00	28.51 3.39 0.00	31.03 3.48 0.10	24.88 2.66 0.06	22.13 2.12 0.00	17.82 1.61 0.00
REVERE_CPPR_DRP 24186	16.45 0.39 0.00	17.76 0.40 0.00	16.59 0.36 0.00	15.78 0.35 0.00	17.38 0.40 0.00	16.55 0.39 0.00	13.57 0.36 0.00	16.12 0.48 0.00	17.18 0.55 0.00	16.95 0.47 0.00	17.16 0.44 0.00	16.13 0.37 0.00	15.34 0.37 0.00	15.44 0.31 0.00	16.55 0.37 0.00	18.21 0.47 0.00	19.33 0.65 0.00	19.53 0.71 0.00	22.54 0.87 0.00	26.12 1.00 0.00	28.73 1.08 0.00	23.13 0.85 0.00	20.73 0.72 0.00	16.76 0.55 0.00
REYNOLDS_115KV_TB3 80639	16.36 0.29 0.00	17.72 0.36 0.00	16.60 0.37 0.00	15.78 0.35 0.00	17.36 0.38 0.00	16.54 0.37 0.00	13.53 0.33 0.00	16.04 0.41 0.00	17.02 0.40 0.00	16.84 0.36 0.00	17.08 0.37 0.00	16.13 0.37 0.00	15.32 0.34 0.00	15.50 0.38 0.00	16.63 0.45 0.00	18.23 0.48 0.00	19.19 0.51 0.00	19.39 0.57 0.00	22.30 0.63 0.00	25.83 0.70 0.00	28.27 0.75 0.13	22.80 0.60 0.08	20.52 0.51 0.00	16.57 0.36 0.00
RIVERBAY____ 323610	16.89 0.83 0.00	18.22 0.86 0.00	17.04 0.81 0.00	16.21 0.78 0.00	17.78 0.80 0.00	16.92 0.76 0.00	13.98 0.77 0.00	16.55 0.91 0.00	17.55 0.92 0.00	17.44 0.96 0.00	17.67 0.96 0.00	16.77 1.00 0.00	15.96 0.98 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.76 1.02 0.00	19.71 1.03 0.00	19.84 1.02 0.00	22.83 1.16 0.00	26.50 1.38 0.00	29.21 1.46 -0.11	23.61 1.27 -0.06	21.17 1.16 0.00	17.09 0.88 0.00
RIVERSDE_115KV_TB3 55908	16.31 0.24 0.00	17.66 0.30 0.00	16.54 0.31 0.00	15.72 0.29 0.00	17.31 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.98 0.35 0.00	16.96 0.34 0.00	16.78 0.30 0.00	17.02 0.30 0.00	16.08 0.32 0.00	15.27 0.29 0.00	15.45 0.33 0.00	16.57 0.40 0.00	18.17 0.42 0.00	19.13 0.46 0.00	19.34 0.51 0.00	22.24 0.57 0.00	25.75 0.63 0.00	28.20 0.67 0.12	22.74 0.53 0.07	20.46 0.45 0.00	16.52 0.31 0.00
ROARING___BROOK_WT_PWR 323790	15.83 -0.23 0.00	17.08 -0.28 0.00	15.94 -0.29 0.00	15.17 -0.27 0.00	16.76 -0.22 0.00	15.96 -0.20 0.00	13.03 -0.18 0.00	15.42 -0.21 0.00	16.44 -0.19 0.00	16.29 -0.20 0.00	16.50 -0.21 0.00	15.58 -0.18 0.00	14.77 -0.21 0.00	14.94 -0.18 0.00	16.03 -0.14 0.00	17.61 -0.14 0.00	18.60 -0.08 0.00	18.82 0.00 0.00	21.69 0.01 0.00	25.11 -0.02 0.00	27.62 -0.03 0.00	22.25 -0.03 0.00	20.02 0.02 0.00	16.17 -0.04 0.00
ROCHESRG_115KV_T4 355643	15.93 -0.13 0.00	17.16 -0.20 0.00	15.98 -0.25 0.00	15.18 -0.25 0.00	16.71 -0.27 0.00	15.92 -0.24 0.00	13.04 -0.17 0.00	15.43 -0.21 0.00	16.49 -0.13 0.00	16.39 -0.09 0.00	16.57 -0.14 0.00	15.63 -0.14 0.00	14.89 -0.09 0.00	14.97 -0.15 0.00	15.92 -0.26 0.00	17.40 -0.34 0.00	18.47 -0.21 0.00	18.50 -0.32 0.00	21.33 -0.34 0.00	24.80 -0.32 0.00	27.41 -0.24 0.00	22.21 -0.07 0.00	19.94 -0.07 0.00	16.22 0.02 0.00
ROCHESTER_9_IC 23652	16.02 -0.04 0.00	17.24 -0.12 0.00	16.06 -0.18 0.00	15.25 -0.19 0.00	16.78 -0.20 0.00	15.99 -0.18 0.00	13.10 -0.11 0.00	15.50 -0.13 0.00	16.57 -0.05 0.00	16.47 -0.01 0.00	16.65 -0.06 0.00	15.71 -0.06 0.00	14.96 -0.02 0.00	15.04 -0.08 0.00	16.00 -0.17 0.00	17.50 -0.25 0.00	18.57 -0.11 0.00	18.60 -0.22 0.00	21.46 -0.21 0.00	24.95 -0.17 0.00	27.57 -0.08 0.00	22.34 0.06 0.00	20.05 0.04 0.00	16.31 0.10 0.00
ROCKVIEW_13_KV_LD 356306	16.93 0.87 0.00	18.28 0.91 0.00	17.07 0.84 0.00	16.20 0.77 0.00	17.82 0.84 0.00	16.95 0.79 0.00	13.99 0.78 0.00	16.55 0.91 0.00	17.56 0.94 0.00	17.43 0.95 0.00	17.71 0.99 0.00	16.70 0.93 0.00	15.85 0.87 0.00	16.02 0.90 0.00	17.18 1.01 0.00	18.79 1.04 0.00	19.75 1.07 0.00	19.88 1.06 0.00	22.87 1.20 0.00	26.55 1.43 0.00	29.30 1.54 -0.11	23.66 1.31 -0.06	21.22 1.21 0.00	17.12 0.91 0.00
ROME____115KV_TB2 80656	16.45 0.39 0.00	17.76 0.40 0.00	16.59 0.36 0.00	15.78 0.35 0.00	17.38 0.40 0.00	16.55 0.39 0.00	13.57 0.36 0.00	16.12 0.48 0.00	17.18 0.55 0.00	16.95 0.47 0.00	17.16 0.44 0.00	16.13 0.37 0.00	15.34 0.37 0.00	15.44 0.31 0.00	16.55 0.37 0.00	18.21 0.47 0.00	19.33 0.65 0.00	19.53 0.71 0.00	22.54 0.87 0.00	26.12 1.00 0.00	28.73 1.08 0.00	23.13 0.85 0.00	20.73 0.72 0.00	16.76 0.55 0.00
ROSETON___1 23587	16.73 0.67 0.00	18.08 0.72 0.00	16.91 0.67 0.00	16.05 0.61 0.00	17.65 0.67 0.00	16.80 0.63 0.00	13.83 0.62 0.00	16.36 0.73 0.00	17.37 0.75 0.00	17.22 0.74 0.00	17.49 0.78 0.00	16.50 0.73 0.00	15.65 0.68 0.00	15.83 0.71 0.00	16.96 0.79 0.00	18.58 0.83 0.00	19.53 0.85 0.00	19.67 0.85 0.00	22.62 0.95 0.00	26.25 1.13 0.00	28.97 1.22 -0.10	23.38 1.04 -0.06	20.98 0.97 0.00	16.94 0.73 0.00
ROSETON___2 23588	16.73 0.67 0.00	18.08 0.72 0.00	16.91 0.67 0.00	16.05 0.61 0.00	17.65 0.67 0.00	16.80 0.63 0.00	13.83 0.62 0.00	16.36 0.73 0.00	17.37 0.75 0.00	17.22 0.74 0.00	17.49 0.78 0.00	16.50 0.73 0.00	15.65 0.68 0.00	15.83 0.71 0.00	16.96 0.79 0.00	18.58 0.83 0.00	19.53 0.85 0.00	19.67 0.85 0.00	22.62 0.95 0.00	26.25 1.13 0.00	28.97 1.22 -0.10	23.38 1.04 -0.06	20.98 0.97 0.00	16.94 0.73 0.00
ROTTTRDAM_115KV_TB3 80664	16.54 0.48 0.00	17.90 0.54 0.00	16.76 0.52 0.00	15.92 0.49 0.00	17.52 0.54 0.00	16.67 0.51 0.00	13.66 0.45 0.00	16.19 0.55 0.00	17.20 0.57 0.00	16.99 0.51 0.00	17.24 0.52 0.00	16.28 0.51 0.00	15.46 0.48 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.38 0.63 0.00	19.36 0.68 0.00	19.55 0.73 0.00	22.51 0.84 0.00	26.08 0.95 0.00	28.60 1.04 0.09	23.06 0.83 0.05	20.73 0.72 0.00	16.75 0.54 0.00
RUSSELL___1 23602	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00



RUSSELL___2 23532	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00
RUSSELL___3 23549	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00
RUSSELL___4 23556	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00
RUSSELL___STATION 23914	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00
S SALMON___HYD 24043	15.88 -0.18 0.00	17.11 -0.25 0.00	15.98 -0.25 0.00	15.22 -0.22 0.00	16.76 -0.22 0.00	15.95 -0.21 0.00	13.06 -0.15 0.00	15.49 -0.14 0.00	16.51 -0.11 0.00	16.35 -0.13 0.00	16.54 -0.17 0.00	15.58 -0.18 0.00	14.79 -0.18 0.00	14.90 -0.22 0.00	15.92 -0.25 0.00	17.47 -0.28 0.00	18.50 -0.18 0.00	18.70 -0.12 0.00	21.58 -0.09 0.00	25.00 -0.12 0.00	27.53 -0.12 0.00	22.24 -0.04 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
S.PERRY___115KV_TB1 80734	16.42 0.36 0.00	17.66 0.30 0.00	16.41 0.17 0.00	15.57 0.13 0.00	17.17 0.19 0.00	16.37 0.20 0.00	13.41 0.20 0.00	15.87 0.24 0.00	16.96 0.34 0.00	16.84 0.35 0.00	17.00 0.29 0.00	15.86 0.09 0.00	15.08 0.11 0.00	15.23 0.11 0.00	16.22 0.04 0.00	17.80 0.05 0.00	19.01 0.33 0.00	19.11 0.28 0.00	22.18 0.51 0.00	25.83 0.70 0.00	28.56 0.91 0.00	23.15 0.87 0.00	20.78 0.77 0.00	16.89 0.68 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	15.63 -0.43 0.00	16.84 -0.52 0.00	15.71 -0.53 0.00	14.94 -0.49 0.00	16.47 -0.51 0.00	15.75 -0.42 0.00	12.90 -0.32 0.00	15.24 -0.40 0.00	16.33 -0.29 0.00	16.27 -0.22 0.00	16.41 -0.31 0.00	15.48 -0.29 0.00	14.78 -0.20 0.00	14.79 -0.33 0.00	15.64 -0.54 0.00	17.02 -0.73 0.00	18.18 -0.51 0.00	18.03 -0.79 0.00	20.80 -0.87 0.00	24.25 -0.87 0.00	26.96 -0.69 0.00	22.06 -0.23 0.00	19.85 -0.16 0.00	16.22 0.01 0.00
SAWYER___23_KV_LOAD 55526	15.63 -0.43 0.00	16.84 -0.52 0.00	15.71 -0.53 0.00	14.94 -0.49 0.00	16.47 -0.51 0.00	15.75 -0.42 0.00	12.90 -0.32 0.00	15.24 -0.40 0.00	16.33 -0.29 0.00	16.27 -0.22 0.00	16.41 -0.31 0.00	15.48 -0.29 0.00	14.78 -0.20 0.00	14.79 -0.33 0.00	15.64 -0.54 0.00	17.02 -0.73 0.00	18.18 -0.51 0.00	18.03 -0.79 0.00	20.80 -0.87 0.00	24.25 -0.87 0.00	26.96 -0.69 0.00	22.06 -0.23 0.00	19.85 -0.16 0.00	16.22 0.01 0.00
SELKIRK___I 23801	16.43 0.37 0.00	17.80 0.44 0.00	16.68 0.44 0.00	15.85 0.42 0.00	17.44 0.46 0.00	16.60 0.44 0.00	13.59 0.38 0.00	16.10 0.46 0.00	17.09 0.47 0.00	16.90 0.41 0.00	17.11 0.39 0.00	16.18 0.41 0.00	15.37 0.40 0.00	15.54 0.42 0.00	16.67 0.49 0.00	18.28 0.53 0.00	19.25 0.57 0.00	19.46 0.64 0.00	22.37 0.70 0.00	25.91 0.78 0.00	28.43 0.85 0.07	22.92 0.69 0.04	20.61 0.60 0.00	16.66 0.45 0.00
SELKIRK___II 23799	16.34 0.28 0.00	17.70 0.34 0.00	16.58 0.34 0.00	15.76 0.32 0.00	17.34 0.36 0.00	16.50 0.34 0.00	13.51 0.30 0.00	16.01 0.37 0.00	16.99 0.37 0.00	16.82 0.33 0.00	17.05 0.34 0.00	16.10 0.33 0.00	15.29 0.31 0.00	15.47 0.35 0.00	16.58 0.41 0.00	18.18 0.43 0.00	19.14 0.46 0.00	19.33 0.51 0.00	22.23 0.56 0.00	25.75 0.63 0.00	28.25 0.68 0.09	22.78 0.55 0.05	20.50 0.49 0.00	16.56 0.35 0.00
SENECA OSWGO___HYD 24041	15.91 -0.15 0.00	17.18 -0.18 0.00	16.04 -0.19 0.00	15.25 -0.19 0.00	16.77 -0.21 0.00	15.97 -0.19 0.00	13.07 -0.14 0.00	15.46 -0.18 0.00	16.46 -0.16 0.00	16.33 -0.15 0.00	16.57 -0.14 0.00	15.62 -0.14 0.00	14.83 -0.14 0.00	14.96 -0.16 0.00	15.99 -0.19 0.00	17.51 -0.24 0.00	18.48 -0.20 0.00	18.62 -0.21 0.00	21.45 -0.22 0.00	24.86 -0.26 0.00	27.38 -0.26 0.00	22.10 -0.18 0.00	19.83 -0.18 0.00	16.11 -0.10 0.00
SENECA___115KV_TB3 355854	15.82 -0.24 0.00	17.04 -0.32 0.00	15.89 -0.34 0.00	15.11 -0.33 0.00	16.66 -0.32 0.00	15.93 -0.24 0.00	13.05 -0.16 0.00	15.43 -0.21 0.00	16.53 -0.10 0.00	16.46 -0.02 0.00	16.61 -0.10 0.00	15.67 -0.10 0.00	14.95 -0.02 0.00	14.97 -0.15 0.00	15.85 -0.33 0.00	17.26 -0.49 0.00	18.42 -0.25 0.00	18.29 -0.53 0.00	21.11 -0.56 0.00	24.63 -0.49 0.00	27.38 -0.27 0.00	22.38 0.10 0.00	20.13 0.12 0.00	16.45 0.24 0.00
SENECA___ENERGY 23797	16.12 0.06 0.00	17.36 0.00 0.00	16.15 -0.08 0.00	15.33 -0.10 0.00	16.89 -0.09 0.00	16.08 -0.08 0.00	13.20 -0.01 0.00	15.62 -0.02 0.00	16.68 0.05 0.00	16.56 0.08 0.00	16.74 0.03 0.00	15.74 -0.02 0.00	14.97 -0.01 0.00	15.07 -0.05 0.00	16.08 -0.09 0.00	17.66 -0.08 0.00	18.69 0.01 0.00	18.83 0.01 0.00	21.70 0.03 0.00	25.23 0.10 0.00	27.86 0.21 0.00	22.50 0.22 0.00	20.20 0.19 0.00	16.38 0.17 0.00
SHOEMAKER___GT 23640	16.72 0.66 0.00	18.06 0.70 0.00	16.88 0.65 0.00	16.03 0.59 0.00	17.63 0.65 0.00	16.77 0.61 0.00	13.80 0.59 0.00	16.33 0.70 0.00	17.34 0.71 0.00	17.18 0.70 0.00	17.44 0.72 0.00	16.43 0.66 0.00	15.58 0.60 0.00	15.75 0.64 0.00	16.90 0.72 0.00	18.51 0.76 0.00	19.48 0.81 0.00	19.64 0.82 0.00	22.61 0.94 0.00	26.25 1.12 0.00	28.96 1.23 -0.09	23.37 1.04 -0.05	20.96 0.94 0.00	16.92 0.72 0.00
SHOEMAKR_138KV_BK 111 55601	16.72 0.65 0.00	18.06 0.70 0.00	16.88 0.65 0.00	16.02 0.59 0.00	17.62 0.64 0.00	16.77 0.60 0.00	13.79 0.58 0.00	16.33 0.70 0.00	17.33 0.71 0.00	17.18 0.70 0.00	17.44 0.72 0.00	16.44 0.67 0.00	15.58 0.61 0.00	15.76 0.64 0.00	16.91 0.73 0.00	18.51 0.76 0.00	19.49 0.81 0.00	19.64 0.82 0.00	22.61 0.94 0.00	26.24 1.12 0.00	28.95 1.22 -0.09	23.36 1.03 -0.05	20.95 0.94 0.00	16.92 0.71 0.00



SHOREHAM_IC_1 23715	17.59 1.53 0.00	18.98 1.62 0.00	17.72 1.48 0.00	16.80 1.36 0.00	18.49 1.51 0.00	17.61 1.45 0.00	14.61 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.04 1.56 0.00	18.86 1.80 -0.35	17.98 1.69 -0.53	16.98 1.51 -0.49	17.03 1.52 -0.39	17.24 1.71 0.64	19.67 1.80 -0.12	20.46 1.78 0.00	22.35 1.70 -1.83	23.52 1.85 0.00	27.22 2.10 0.00	30.19 2.44 -0.11	25.95 2.28 -1.39	22.68 2.15 -0.53	17.91 1.70 0.00
SHOREHAM_IC_2 23716	17.59 1.53 0.00	18.98 1.62 0.00	17.72 1.48 0.00	16.80 1.36 0.00	18.49 1.51 0.00	17.61 1.45 0.00	14.61 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.04 1.56 0.00	18.86 1.80 -0.35	17.98 1.69 -0.53	16.98 1.51 -0.49	17.03 1.52 -0.39	17.24 1.71 0.64	19.67 1.80 -0.12	20.46 1.78 0.00	22.35 1.70 -1.83	23.52 1.85 0.00	27.22 2.10 0.00	30.19 2.44 -0.11	25.95 2.28 -1.39	22.68 2.15 -0.53	17.91 1.70 0.00
SISSONVILLE____ 23735	16.07 0.01 0.00	17.35 -0.01 0.00	16.21 -0.02 0.00	15.46 0.03 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.19 -0.03 0.00	15.62 -0.01 0.00	16.53 -0.10 0.00	16.32 -0.16 0.00	16.53 -0.19 0.00	15.58 -0.19 0.00	14.77 -0.21 0.00	14.91 -0.21 0.00	15.93 -0.25 0.00	17.55 -0.19 0.00	18.36 -0.32 0.00	18.52 -0.31 0.00	21.37 -0.30 0.00	24.75 -0.37 0.00	27.33 -0.32 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.17 -0.04 0.00
SITHE_IND_GS1 24169	15.71 -0.35 0.00	16.96 -0.40 0.00	15.84 -0.39 0.00	15.06 -0.38 0.00	16.57 -0.41 0.00	15.77 -0.39 0.00	12.90 -0.32 0.00	15.25 -0.39 0.00	16.23 -0.39 0.00	16.10 -0.38 0.00	16.32 -0.39 0.00	15.39 -0.38 0.00	14.62 -0.36 0.00	14.74 -0.38 0.00	15.75 -0.43 0.00	17.25 -0.50 0.00	18.18 -0.50 0.00	18.31 -0.51 0.00	21.08 -0.59 0.00	24.45 -0.68 0.00	26.93 -0.72 0.00	21.73 -0.56 0.00	19.51 -0.49 0.00	15.87 -0.34 0.00
SITHE_IND_GS2 24170	15.71 -0.35 0.00	16.96 -0.40 0.00	15.84 -0.39 0.00	15.06 -0.38 0.00	16.57 -0.41 0.00	15.77 -0.39 0.00	12.90 -0.32 0.00	15.25 -0.39 0.00	16.23 -0.39 0.00	16.10 -0.38 0.00	16.32 -0.39 0.00	15.39 -0.38 0.00	14.62 -0.36 0.00	14.74 -0.38 0.00	15.75 -0.43 0.00	17.25 -0.50 0.00	18.18 -0.50 0.00	18.31 -0.51 0.00	21.08 -0.59 0.00	24.45 -0.68 0.00	26.93 -0.72 0.00	21.73 -0.56 0.00	19.51 -0.49 0.00	15.87 -0.34 0.00
SITHE_IND_GS3 24171	15.71 -0.35 0.00	16.96 -0.40 0.00	15.84 -0.39 0.00	15.06 -0.38 0.00	16.57 -0.41 0.00	15.77 -0.39 0.00	12.90 -0.32 0.00	15.25 -0.39 0.00	16.23 -0.39 0.00	16.10 -0.38 0.00	16.32 -0.39 0.00	15.39 -0.38 0.00	14.62 -0.36 0.00	14.74 -0.38 0.00	15.75 -0.43 0.00	17.25 -0.50 0.00	18.18 -0.50 0.00	18.31 -0.51 0.00	21.08 -0.59 0.00	24.45 -0.68 0.00	26.93 -0.72 0.00	21.73 -0.56 0.00	19.51 -0.49 0.00	15.87 -0.34 0.00
SITHE_IND_GS4 24172	15.71 -0.35 0.00	16.96 -0.40 0.00	15.84 -0.39 0.00	15.06 -0.38 0.00	16.57 -0.41 0.00	15.77 -0.39 0.00	12.90 -0.32 0.00	15.25 -0.39 0.00	16.23 -0.39 0.00	16.10 -0.38 0.00	16.32 -0.39 0.00	15.39 -0.38 0.00	14.62 -0.36 0.00	14.74 -0.38 0.00	15.75 -0.43 0.00	17.25 -0.50 0.00	18.18 -0.50 0.00	18.31 -0.51 0.00	21.08 -0.59 0.00	24.45 -0.68 0.00	26.93 -0.72 0.00	21.73 -0.56 0.00	19.51 -0.49 0.00	15.87 -0.34 0.00
SITHE____BATAVIA 24024	16.02 -0.04 0.00	17.24 -0.12 0.00	16.07 -0.16 0.00	15.28 -0.16 0.00	16.84 -0.14 0.00	16.08 -0.08 0.00	13.19 -0.03 0.00	15.59 -0.04 0.00	16.72 0.10 0.00	16.63 0.15 0.00	16.75 0.04 0.00	15.80 0.03 0.00	15.08 0.11 0.00	15.12 0.00 0.00	15.99 -0.18 0.00	17.49 -0.25 0.00	18.67 -0.01 0.00	18.60 -0.22 0.00	21.50 -0.17 0.00	25.05 -0.08 0.00	27.78 0.13 0.00	22.61 0.33 0.00	20.29 0.28 0.00	16.52 0.31 0.00
SITHE____INDEPEND 23800	15.71 -0.35 0.00	16.96 -0.40 0.00	15.84 -0.39 0.00	15.06 -0.38 0.00	16.57 -0.41 0.00	15.77 -0.39 0.00	12.90 -0.32 0.00	15.24 -0.39 0.00	16.23 -0.39 0.00	16.10 -0.38 0.00	16.32 -0.39 0.00	15.39 -0.38 0.00	14.62 -0.36 0.00	14.74 -0.38 0.00	15.75 -0.43 0.00	17.25 -0.50 0.00	18.18 -0.50 0.00	18.32 -0.50 0.00	21.08 -0.59 0.00	24.45 -0.68 0.00	26.93 -0.72 0.00	21.73 -0.56 0.00	19.51 -0.50 0.00	15.87 -0.34 0.00
SITHE____MASSENA 23902	16.10 0.03 0.00	17.40 0.04 0.00	16.26 0.03 0.00	15.50 0.06 0.00	17.04 0.06 0.00	16.21 0.05 0.00	13.21 0.00 0.00	15.63 0.00 0.00	16.59 -0.03 0.00	16.47 -0.02 0.00	16.69 -0.02 0.00	15.74 -0.03 0.00	14.97 -0.01 0.00	15.11 -0.01 0.00	16.14 -0.04 0.00	17.77 0.02 0.00	18.62 -0.06 0.00	18.73 -0.09 0.00	21.60 -0.07 0.00	25.02 -0.10 0.00	27.55 -0.10 0.00	22.22 -0.06 0.00	19.97 -0.04 0.00	16.17 -0.04 0.00
SITHE____OGDNSBRG 24021	16.27 0.21 0.00	17.58 0.22 0.00	16.42 0.19 0.00	15.66 0.22 0.00	17.23 0.25 0.00	16.40 0.23 0.00	13.36 0.16 0.00	15.83 0.20 0.00	16.79 0.17 0.00	16.64 0.15 0.00	16.88 0.16 0.00	15.87 0.10 0.00	15.05 0.08 0.00	15.21 0.09 0.00	16.24 0.06 0.00	17.92 0.17 0.00	18.75 0.07 0.00	18.92 0.09 0.00	21.87 0.20 0.00	25.34 0.21 0.00	27.91 0.26 0.00	22.53 0.26 0.00	20.25 0.24 0.00	16.36 0.15 0.00
SITHE____STERLING 23777	16.39 0.33 0.00	17.71 0.34 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.33 0.35 0.00	16.50 0.34 0.00	13.52 0.31 0.00	16.05 0.42 0.00	17.10 0.48 0.00	16.91 0.43 0.00	17.12 0.40 0.00	16.11 0.34 0.00	15.30 0.33 0.00	15.40 0.28 0.00	16.50 0.32 0.00	18.14 0.39 0.00	19.22 0.54 0.00	19.39 0.57 0.00	22.36 0.69 0.00	25.94 0.81 0.00	28.54 0.89 0.00	22.98 0.70 0.00	20.60 0.59 0.00	16.67 0.46 0.00
SLEIGHT__34_KV_TB1 80719	16.09 0.03 0.00	17.30 -0.06 0.00	16.08 -0.15 0.00	15.26 -0.17 0.00	16.80 -0.18 0.00	15.98 -0.19 0.00	13.09 -0.12 0.00	15.50 -0.13 0.00	16.57 -0.05 0.00	16.46 -0.02 0.00	16.64 -0.08 0.00	15.69 -0.07 0.00	14.93 -0.04 0.00	15.03 -0.09 0.00	16.01 -0.16 0.00	17.57 -0.18 0.00	18.60 -0.07 0.00	18.70 -0.12 0.00	21.55 -0.12 0.00	25.04 -0.09 0.00	27.61 -0.04 0.00	22.29 0.01 0.00	19.99 -0.01 0.00	16.24 0.03 0.00
SOUTH CAIRO____GT 23612	16.78 0.71 0.00	18.15 0.79 0.00	16.99 0.76 0.00	16.16 0.72 0.00	17.79 0.81 0.00	16.94 0.78 0.00	13.89 0.68 0.00	16.49 0.86 0.00	17.54 0.91 0.00	17.28 0.79 0.00	17.27 0.55 0.00	16.36 0.59 0.00	15.64 0.66 0.00	15.82 0.70 0.00	16.99 0.82 0.00	18.61 0.86 0.00	19.69 1.01 0.00	20.04 1.22 0.00	23.18 1.51 0.00	26.85 1.72 0.00	29.45 1.86 0.05	23.66 1.41 0.03	21.16 1.15 0.00	17.04 0.83 0.00
SOUTH HAMPTN____IC 23720	17.82 1.76 0.00	19.23 1.86 0.00	17.94 1.71 0.00	17.01 1.57 0.00	18.73 1.75 0.00	17.85 1.68 0.00	14.80 1.59 0.00	17.48 1.85 0.00	18.62 1.99 0.00	18.32 1.84 0.00	19.16 2.09 -0.35	18.26 1.97 -0.52	17.21 1.76 -0.48	17.24 1.74 -0.38	17.47 1.95 0.65	19.95 2.08 -0.12	20.79 2.10 0.00	22.61 2.04 -1.75	23.93 2.26 0.00	27.69 2.56 0.00	30.70 2.94 -0.11	26.31 2.66 -1.37	22.99 2.47 -0.52	18.15 1.95 0.00



SOUTHDOWN_115KV_TB1 355954	16.22 0.16 0.00	17.51 0.15 0.00	16.32 0.09 0.00	15.48 0.05 0.00	17.08 0.10 0.00	16.40 0.23 0.00	13.46 0.25 0.00	15.92 0.28 0.00	17.06 0.44 0.00	16.96 0.48 0.00	17.17 0.45 0.00	16.22 0.45 0.00	15.54 0.56 0.00	15.58 0.46 0.00	16.51 0.33 0.00	17.95 0.20 0.00	19.19 0.51 0.00	19.08 0.26 0.00	22.07 0.40 0.00	25.72 0.60 0.00	28.58 0.93 0.00	23.30 1.02 0.00	20.92 0.91 0.00	17.04 0.83 0.00
SOUTHOLD_69_KV_BK 2 55809	18.00 1.94 0.00	19.41 2.05 0.00	18.11 1.88 0.00	17.17 1.74 0.00	18.91 1.93 0.00	18.02 1.86 0.00	14.96 1.75 0.00	17.67 2.03 0.00	18.82 2.20 0.00	18.53 2.05 0.00	19.38 2.32 -0.35	18.47 2.18 -0.52	17.39 1.93 -0.48	17.42 1.92 -0.39	17.66 2.14 0.65	20.16 2.29 -0.12	21.04 2.36 0.00	22.88 2.31 -1.75	24.25 2.58 0.00	28.04 2.91 0.00	31.08 3.32 -0.11	26.60 2.96 -1.37	23.22 2.69 -0.52	18.33 2.13 0.00
SOUTHOLD___IC 23719	18.00 1.94 0.00	19.41 2.05 0.00	18.11 1.88 0.00	17.17 1.74 0.00	18.91 1.93 0.00	18.02 1.86 0.00	14.96 1.75 0.00	17.67 2.03 0.00	18.82 2.20 0.00	18.53 2.05 0.00	19.38 2.32 -0.35	18.47 2.18 -0.52	17.39 1.93 -0.48	17.42 1.92 -0.39	17.66 2.14 0.65	20.16 2.29 -0.12	21.04 2.36 0.00	22.88 2.31 -1.75	24.24 2.57 0.00	28.04 2.91 0.00	31.07 3.31 -0.11	26.60 2.96 -1.37	23.22 2.69 -0.52	18.33 2.13 0.00
SPIERFLS_115KV_TB 1 80737	16.62 0.56 0.00	17.96 0.60 0.00	16.83 0.60 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.82 0.65 0.00	13.78 0.57 0.00	16.37 0.73 0.00	17.41 0.79 0.00	17.14 0.65 0.00	17.38 0.66 0.00	16.44 0.67 0.00	15.62 0.64 0.00	15.82 0.70 0.00	16.98 0.81 0.00	18.66 0.91 0.00	19.67 0.99 0.00	19.94 1.12 0.00	22.96 1.29 0.00	26.58 1.46 0.00	29.04 1.50 0.10	23.36 1.14 0.06	20.91 0.90 0.00	16.85 0.64 0.00
ST LAWRENCE____ 23600	15.92 -0.14 0.00	17.21 -0.15 0.00	16.09 -0.14 0.00	15.33 -0.10 0.00	16.85 -0.13 0.00	16.04 -0.13 0.00	13.06 -0.15 0.00	15.46 -0.18 0.00	16.42 -0.21 0.00	16.30 -0.18 0.00	16.53 -0.19 0.00	15.59 -0.18 0.00	14.84 -0.14 0.00	14.97 -0.15 0.00	16.00 -0.18 0.00	17.61 -0.14 0.00	18.46 -0.22 0.00	18.56 -0.26 0.00	21.39 -0.28 0.00	24.79 -0.34 0.00	27.27 -0.38 0.00	21.98 -0.31 0.00	19.74 -0.27 0.00	15.98 -0.22 0.00
STATE_CA_115KV_115_LB 55624	16.31 0.25 0.00	17.67 0.31 0.00	16.55 0.31 0.00	15.73 0.29 0.00	17.31 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.99 0.36 0.00	16.97 0.35 0.00	16.79 0.31 0.00	17.03 0.32 0.00	16.10 0.33 0.00	15.28 0.31 0.00	15.47 0.35 0.00	16.59 0.41 0.00	18.19 0.44 0.00	19.16 0.48 0.00	19.36 0.54 0.00	22.27 0.60 0.00	25.79 0.66 0.00	28.24 0.70 0.11	22.77 0.56 0.07	20.48 0.47 0.00	16.53 0.33 0.00
STATE_ST_34_KV_LOAD 55959	16.34 0.28 0.00	17.58 0.22 0.00	16.38 0.15 0.00	15.56 0.13 0.00	17.14 0.16 0.00	16.31 0.14 0.00	13.41 0.20 0.00	15.87 0.24 0.00	16.95 0.32 0.00	16.83 0.35 0.00	16.97 0.26 0.00	16.01 0.24 0.00	15.23 0.25 0.00	15.32 0.21 0.00	16.34 0.16 0.00	17.99 0.24 0.00	19.01 0.33 0.00	19.17 0.35 0.00	22.01 0.34 0.00	25.63 0.51 0.00	28.28 0.63 0.00	22.73 0.45 0.00	20.41 0.40 0.00	16.54 0.34 0.00
STATION 5_MISC_HYD 23604	16.02 -0.05 0.00	17.24 -0.12 0.00	16.05 -0.18 0.00	15.25 -0.19 0.00	16.78 -0.20 0.00	15.99 -0.17 0.00	13.10 -0.11 0.00	15.50 -0.14 0.00	16.57 -0.05 0.00	16.47 -0.01 0.00	16.66 -0.06 0.00	15.70 -0.06 0.00	14.96 -0.02 0.00	15.04 -0.08 0.00	16.00 -0.17 0.00	17.50 -0.25 0.00	18.58 -0.10 0.00	18.60 -0.23 0.00	21.46 -0.21 0.00	24.95 -0.17 0.00	27.57 -0.08 0.00	22.34 0.06 0.00	20.05 0.03 0.00	16.30 0.09 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	16.19 0.13 0.00	17.42 0.06 0.00	16.21 -0.02 0.00	15.39 -0.04 0.00	16.94 -0.03 0.00	16.14 -0.02 0.00	13.23 0.02 0.00	15.66 0.03 0.00	16.74 0.11 0.00	16.63 0.15 0.00	16.82 0.10 0.00	15.84 0.08 0.00	15.08 0.11 0.00	15.17 0.06 0.00	16.17 0.00 0.00	17.72 -0.03 0.00	18.78 0.10 0.00	18.87 0.05 0.00	21.76 0.09 0.00	25.29 0.16 0.00	27.92 0.27 0.00	22.56 0.28 0.00	20.24 0.23 0.00	16.44 0.23 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	15.99 -0.07 0.00	17.19 -0.17 0.00	16.00 -0.23 0.00	15.19 -0.24 0.00	16.72 -0.26 0.00	15.92 -0.24 0.00	13.03 -0.18 0.00	15.43 -0.20 0.00	16.49 -0.13 0.00	16.39 -0.09 0.00	16.58 -0.13 0.00	15.63 -0.13 0.00	14.89 -0.08 0.00	14.98 -0.14 0.00	15.95 -0.23 0.00	17.44 -0.31 0.00	18.50 -0.18 0.00	18.54 -0.28 0.00	21.39 -0.28 0.00	24.86 -0.26 0.00	27.45 -0.20 0.00	22.23 -0.05 0.00	19.95 -0.06 0.00	16.22 0.01 0.00
STA_56___34_KV_BUS2 355983	15.99 -0.07 0.00	17.19 -0.17 0.00	16.00 -0.23 0.00	15.19 -0.24 0.00	16.72 -0.26 0.00	15.92 -0.24 0.00	13.03 -0.18 0.00	15.43 -0.20 0.00	16.49 -0.13 0.00	16.39 -0.09 0.00	16.58 -0.13 0.00	15.63 -0.13 0.00	14.89 -0.08 0.00	14.98 -0.14 0.00	15.95 -0.23 0.00	17.44 -0.31 0.00	18.50 -0.18 0.00	18.54 -0.28 0.00	21.39 -0.28 0.00	24.86 -0.26 0.00	27.45 -0.20 0.00	22.23 -0.05 0.00	19.95 -0.06 0.00	16.22 0.01 0.00
STA_67___115KV_BK2 355882	15.98 -0.08 0.00	17.21 -0.15 0.00	16.03 -0.20 0.00	15.22 -0.21 0.00	16.75 -0.22 0.00	15.97 -0.20 0.00	13.08 -0.14 0.00	15.48 -0.16 0.00	16.54 -0.08 0.00	16.44 -0.04 0.00	16.62 -0.09 0.00	15.68 -0.09 0.00	14.93 -0.05 0.00	15.02 -0.10 0.00	15.97 -0.20 0.00	17.46 -0.29 0.00	18.53 -0.15 0.00	18.56 -0.26 0.00	21.41 -0.25 0.00	24.90 -0.23 0.00	27.52 -0.13 0.00	22.29 0.02 0.00	20.01 0.00 0.00	16.28 0.07 0.00
STA_7___115KV_9TRANS 80674	16.09 0.03 0.00	17.31 -0.05 0.00	16.11 -0.12 0.00	15.30 -0.14 0.00	16.84 -0.14 0.00	16.05 -0.12 0.00	13.14 -0.07 0.00	15.56 -0.07 0.00	16.63 0.01 0.00	16.54 0.06 0.00	16.72 0.01 0.00	15.77 0.00 0.00	15.03 0.05 0.00	15.11 -0.01 0.00	16.08 -0.10 0.00	17.58 -0.17 0.00	18.66 -0.02 0.00	18.70 -0.12 0.00	21.57 -0.10 0.00	25.08 -0.04 0.00	27.71 0.06 0.00	22.45 0.17 0.00	20.14 0.13 0.00	16.38 0.17 0.00
STA_82___115KV_TB1 80780	15.99 -0.07 0.00	17.21 -0.14 0.00	16.04 -0.20 0.00	15.23 -0.21 0.00	16.76 -0.22 0.00	15.97 -0.19 0.00	13.08 -0.13 0.00	15.49 -0.15 0.00	16.55 -0.07 0.00	16.45 -0.03 0.00	16.63 -0.09 0.00	15.68 -0.09 0.00	14.94 -0.04 0.00	15.02 -0.10 0.00	15.98 -0.19 0.00	17.47 -0.28 0.00	18.55 -0.13 0.00	18.57 -0.25 0.00	21.42 -0.25 0.00	24.92 -0.21 0.00	27.52 -0.13 0.00	22.30 0.03 0.00	20.02 0.01 0.00	16.29 0.08 0.00
STEEL___WIND 323596	15.80 -0.25 0.00	17.03 -0.33 0.00	15.87 -0.36 0.00	15.09 -0.34 0.00	16.65 -0.33 0.00	15.92 -0.24 0.00	13.05 -0.16 0.00	15.39 -0.24 0.00	16.51 -0.11 0.00	16.44 -0.04 0.00	16.59 -0.12 0.00	15.65 -0.12 0.00	14.93 -0.04 0.00	14.96 -0.16 0.00	15.83 -0.34 0.00	17.25 -0.50 0.00	18.41 -0.27 0.00	18.26 -0.56 0.00	21.10 -0.57 0.00	24.61 -0.51 0.00	27.37 -0.28 0.00	22.35 0.07 0.00	20.11 0.10 0.00	16.42 0.21 0.00



STEPHTWN_115KV_BK_2 55603	16.39 0.33 0.00	17.76 0.40 0.00	16.61 0.38 0.00	15.77 0.34 0.00	17.38 0.40 0.00	16.59 0.42 0.00	13.59 0.37 0.00	16.10 0.47 0.00	17.13 0.50 0.00	16.93 0.45 0.00	17.15 0.43 0.00	16.22 0.45 0.00	15.40 0.42 0.00	15.59 0.47 0.00	16.72 0.55 0.00	18.32 0.57 0.00	19.30 0.62 0.00	19.51 0.69 0.00	22.45 0.78 0.00	25.99 0.86 0.00	28.48 0.94 0.11	22.88 0.67 0.07	20.62 0.61 0.00	16.65 0.45 0.00
STEBEN_REC_LFGE 323667	16.15 0.09 0.00	17.42 0.06 0.00	16.09 -0.14 0.00	15.25 -0.19 0.00	16.91 -0.07 0.00	16.04 -0.13 0.00	13.08 -0.13 0.00	15.43 -0.20 0.00	16.43 -0.19 0.00	16.41 -0.08 0.00	16.65 -0.06 0.00	15.58 -0.19 0.00	14.80 -0.18 0.00	14.78 -0.34 0.00	15.74 -0.43 0.00	17.34 -0.41 0.00	18.64 -0.04 0.00	18.70 -0.12 0.00	21.69 0.02 0.00	25.22 0.09 0.00	27.93 0.28 0.00	22.75 0.47 0.00	20.53 0.52 0.00	16.76 0.55 0.00
STILLWATER___SOLAR 323814	16.68 0.62 0.00	18.04 0.68 0.00	16.89 0.66 0.00	16.06 0.63 0.00	17.68 0.70 0.00	16.85 0.68 0.00	13.80 0.59 0.00	16.37 0.74 0.00	17.41 0.79 0.00	17.16 0.68 0.00	17.41 0.70 0.00	16.46 0.70 0.00	15.64 0.66 0.00	15.82 0.70 0.00	16.96 0.79 0.00	18.63 0.88 0.00	19.62 0.94 0.00	19.85 1.03 0.00	22.86 1.19 0.00	26.47 1.35 0.00	28.95 1.41 0.11	23.33 1.12 0.06	20.94 0.93 0.00	16.89 0.69 0.00
STONY___BROOK 24151	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.29 0.00	16.62 1.18 0.00	18.29 1.31 0.00	17.42 1.26 0.00	14.44 1.23 0.00	17.05 1.41 0.00	18.13 1.51 0.00	17.83 1.35 0.00	18.68 1.60 -0.36	17.81 1.50 -0.55	16.87 1.37 -0.52	16.89 1.37 -0.41	17.09 1.55 0.63	19.51 1.63 -0.13	20.25 1.56 -0.01	22.55 1.40 -2.33	23.12 1.45 0.00	26.76 1.63 0.00	29.68 1.92 -0.11	25.65 1.93 -1.44	22.41 1.86 -0.54	17.69 1.49 0.00
STURGEON_POOL_HYD 23609	16.85 0.80 0.00	18.21 0.85 0.00	17.02 0.79 0.00	16.15 0.72 0.00	17.76 0.78 0.00	16.89 0.73 0.00	13.92 0.71 0.00	16.47 0.84 0.00	17.48 0.86 0.00	17.37 0.88 0.00	17.65 0.93 0.00	16.62 0.86 0.00	15.74 0.77 0.00	15.93 0.81 0.00	17.07 0.90 0.00	18.70 0.95 0.00	19.64 0.96 0.00	19.78 0.96 0.00	22.75 1.08 0.00	26.43 1.30 0.00	29.12 1.44 -0.04	23.51 1.21 -0.03	21.13 1.12 0.00	17.06 0.85 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	16.78 0.71 0.00	18.12 0.76 0.00	16.93 0.69 0.00	16.06 0.63 0.00	17.67 0.69 0.00	16.81 0.65 0.00	13.85 0.64 0.00	16.39 0.75 0.00	17.39 0.77 0.00	17.25 0.77 0.00	17.52 0.80 0.00	16.52 0.75 0.00	15.67 0.70 0.00	15.84 0.73 0.00	16.99 0.82 0.00	18.61 0.86 0.00	19.57 0.89 0.00	19.72 0.89 0.00	22.69 1.02 0.00	26.33 1.21 0.00	29.06 1.32 -0.09	23.46 1.12 -0.05	21.03 1.02 0.00	16.97 0.76 0.00
SWANROAD_115KV_TB1 355699	15.32 -0.74 0.00	16.51 -0.85 0.00	15.40 -0.83 0.00	14.66 -0.78 0.00	16.16 -0.82 0.00	15.45 -0.72 0.00	12.65 -0.56 0.00	14.93 -0.70 0.00	16.01 -0.61 0.00	15.95 -0.53 0.00	16.07 -0.65 0.00	15.16 -0.61 0.00	14.48 -0.49 0.00	14.48 -0.64 0.00	15.29 -0.89 0.00	16.63 -1.12 0.00	17.76 -0.92 0.00	17.61 -1.21 0.00	20.30 -1.37 0.00	23.68 -1.44 0.00	26.38 -1.27 0.00	21.61 -0.67 0.00	19.46 -0.55 0.00	15.91 -0.30 0.00
SYNERGY___BIOGAS 323694	16.02 -0.04 0.00	17.24 -0.12 0.00	16.07 -0.16 0.00	15.28 -0.16 0.00	16.84 -0.14 0.00	16.08 -0.08 0.00	13.19 -0.03 0.00	15.59 -0.04 0.00	16.72 0.10 0.00	16.63 0.15 0.00	16.75 0.04 0.00	15.80 0.03 0.00	15.08 0.11 0.00	15.12 0.00 0.00	15.99 -0.18 0.00	17.49 -0.25 0.00	18.67 -0.01 0.00	18.60 -0.22 0.00	21.50 -0.17 0.00	25.05 -0.08 0.00	27.78 0.13 0.00	22.61 0.33 0.00	20.29 0.28 0.00	16.52 0.31 0.00
SYRACUSE___ENERGY_ST1 323597	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
SYRACUSE___ENERGY_ST2 323598	16.16 0.09 0.00	17.43 0.06 0.00	16.27 0.04 0.00	15.46 0.02 0.00	17.02 0.04 0.00	16.20 0.04 0.00	13.27 0.07 0.00	15.71 0.07 0.00	16.74 0.12 0.00	16.61 0.13 0.00	16.83 0.11 0.00	15.87 0.10 0.00	15.07 0.09 0.00	15.19 0.07 0.00	16.23 0.06 0.00	17.80 0.06 0.00	18.79 0.11 0.00	18.94 0.11 0.00	21.81 0.14 0.00	25.32 0.19 0.00	27.89 0.24 0.00	22.49 0.21 0.00	20.18 0.17 0.00	16.38 0.17 0.00
SYRACUSE___POWER 24017	16.12 0.07 0.00	17.41 0.05 0.00	16.25 0.02 0.00	15.44 0.00 0.00	16.99 0.01 0.00	16.18 0.01 0.00	13.25 0.04 0.00	15.68 0.05 0.00	16.71 0.09 0.00	16.58 0.10 0.00	16.81 0.09 0.00	15.84 0.07 0.00	15.04 0.07 0.00	15.17 0.05 0.00	16.21 0.03 0.00	17.77 0.03 0.00	18.76 0.08 0.00	18.91 0.09 0.00	21.79 0.12 0.00	25.27 0.15 0.00	27.85 0.20 0.00	22.47 0.18 0.00	20.16 0.15 0.00	16.36 0.15 0.00
TALLMAN__138KV_BK151 55660	16.83 0.77 0.00	18.18 0.82 0.00	16.98 0.75 0.00	16.10 0.66 0.00	17.71 0.73 0.00	16.85 0.69 0.00	13.90 0.69 0.00	16.44 0.81 0.00	17.44 0.82 0.00	17.31 0.83 0.00	17.59 0.87 0.00	16.60 0.83 0.00	15.74 0.76 0.00	15.91 0.79 0.00	17.07 0.90 0.00	18.68 0.93 0.00	19.65 0.96 0.00	19.78 0.95 0.00	22.75 1.08 0.00	26.42 1.29 0.00	29.15 1.40 -0.10	23.54 1.20 -0.06	21.10 1.09 0.00	17.03 0.82 0.00
TEALLAVE_115KV_TB7 355573	16.03 -0.03 0.00	17.30 -0.05 0.00	16.15 -0.08 0.00	15.35 -0.09 0.00	16.90 -0.08 0.00	16.09 -0.08 0.00	13.17 -0.04 0.00	15.58 -0.05 0.00	16.60 -0.02 0.00	16.48 -0.01 0.00	16.70 -0.02 0.00	15.75 -0.02 0.00	14.95 -0.03 0.00	15.07 -0.05 0.00	16.11 -0.06 0.00	17.65 -0.09 0.00	18.63 -0.05 0.00	18.77 -0.05 0.00	21.62 -0.05 0.00	25.08 -0.04 0.00	27.64 -0.02 0.00	22.29 0.02 0.00	20.01 0.00 0.00	16.25 0.04 0.00
TELEGRAPH_34_KV_EAST 80808	15.70 -0.36 0.00	16.91 -0.45 0.00	15.77 -0.46 0.00	15.01 -0.43 0.00	16.54 -0.44 0.00	15.80 -0.37 0.00	12.95 -0.26 0.00	15.30 -0.33 0.00	16.40 -0.22 0.00	16.33 -0.15 0.00	16.46 -0.25 0.00	15.54 -0.23 0.00	14.83 -0.15 0.00	14.85 -0.28 0.00	15.70 -0.48 0.00	17.11 -0.64 0.00	18.26 -0.42 0.00	18.15 -0.67 0.00	20.95 -0.73 0.00	24.42 -0.70 0.00	27.13 -0.52 0.00	22.15 -0.13 0.00	19.92 -0.09 0.00	16.25 0.05 0.00
TEMPLE___115KV_TB 2 55572	16.04 -0.02 0.00	17.32 -0.04 0.00	16.17 -0.06 0.00	15.36 -0.08 0.00	16.91 -0.07 0.00	16.10 -0.07 0.00	13.18 -0.03 0.00	15.60 -0.04 0.00	16.62 -0.01 0.00	16.49 0.01 0.00	16.71 0.00 0.00	15.76 -0.01 0.00	14.96 -0.01 0.00	15.09 -0.03 0.00	16.12 -0.05 0.00	17.67 -0.08 0.00	18.65 -0.03 0.00	18.79 -0.04 0.00	21.64 -0.03 0.00	25.11 -0.02 0.00	27.66 0.01 0.00	22.32 0.04 0.00	20.03 0.02 0.00	16.26 0.06 0.00



TIANA____69_KV_BK 1 55817	17.76 1.70 0.00	19.16 1.80 0.00	17.88 1.64 0.00	16.95 1.51 0.00	18.66 1.68 0.00	17.78 1.62 0.00	14.75 1.54 0.00	17.41 1.78 0.00	18.54 1.92 0.00	18.24 1.76 0.00	19.08 2.02 -0.35	18.18 1.89 -0.52	17.14 1.69 -0.48	17.18 1.68 -0.39	17.41 1.88 0.65	19.87 2.00 -0.12	20.70 2.02 0.00	22.51 1.94 -1.75	23.81 2.14 0.00	27.55 2.43 0.00	30.55 2.79 -0.11	26.20 2.55 -1.37	22.90 2.37 -0.52	18.08 1.87 0.00
TILDEN____115KV_TB1 80814	16.12 0.07 0.00	17.41 0.05 0.00	16.25 0.02 0.00	15.44 0.00 0.00	16.99 0.01 0.00	16.18 0.01 0.00	13.25 0.04 0.00	15.68 0.05 0.00	16.71 0.09 0.00	16.58 0.10 0.00	16.81 0.09 0.00	15.84 0.07 0.00	15.04 0.07 0.00	15.17 0.05 0.00	16.21 0.03 0.00	17.77 0.03 0.00	18.76 0.08 0.00	18.91 0.09 0.00	21.79 0.12 0.00	25.27 0.15 0.00	27.85 0.20 0.00	22.47 0.18 0.00	20.16 0.15 0.00	16.36 0.15 0.00
TRIGEN____CC 323695	17.06 0.99 -0.01	18.41 1.05 0.00	17.18 0.95 0.00	16.30 0.86 0.00	17.94 0.96 0.00	17.08 0.91 0.00	14.12 0.91 0.00	16.67 1.03 0.00	17.72 1.09 0.00	17.51 1.03 0.00	20.74 1.23 -2.80	21.85 1.20 -4.89	23.68 1.11 -7.60	20.77 1.10 -4.56	20.46 1.23 -3.06	22.35 1.27 -3.33	19.89 1.20 -0.01	19.93 1.11 0.00	22.90 1.23 0.00	26.55 1.43 0.00	29.41 1.64 -0.12	37.18 1.55 -13.35	25.63 1.44 -4.18	17.32 1.10 -0.02
TRINITY__115KV__ 4 BK 55933	16.26 0.20 0.00	17.62 0.25 0.00	16.50 0.26 0.00	15.68 0.24 0.00	17.26 0.27 0.00	16.42 0.26 0.00	13.45 0.24 0.00	15.94 0.30 0.00	16.91 0.29 0.00	16.74 0.26 0.00	16.97 0.26 0.00	16.04 0.27 0.00	15.22 0.25 0.00	15.41 0.29 0.00	16.52 0.35 0.00	18.12 0.37 0.00	19.08 0.40 0.00	19.28 0.45 0.00	22.17 0.50 0.00	25.68 0.56 0.00	28.12 0.58 0.11	22.68 0.46 0.07	20.40 0.40 0.00	16.48 0.27 0.00
UNION____PROCESSING_DRP 323587	16.00 -0.07 0.00	17.22 -0.14 0.00	16.04 -0.19 0.00	15.23 -0.20 0.00	16.77 -0.21 0.00	15.98 -0.19 0.00	13.09 -0.12 0.00	15.49 -0.14 0.00	16.55 -0.07 0.00	16.46 -0.03 0.00	16.64 -0.08 0.00	15.69 -0.08 0.00	14.95 -0.03 0.00	15.03 -0.09 0.00	15.98 -0.19 0.00	17.47 -0.28 0.00	18.55 -0.13 0.00	18.58 -0.24 0.00	21.43 -0.24 0.00	24.92 -0.20 0.00	27.54 -0.11 0.00	22.32 0.04 0.00	20.03 0.02 0.00	16.29 0.08 0.00
UPPER HUDSON____HYD 24058	16.62 0.56 0.00	17.96 0.60 0.00	16.83 0.59 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.82 0.65 0.00	13.78 0.57 0.00	16.37 0.73 0.00	17.41 0.79 0.00	17.14 0.65 0.00	17.38 0.66 0.00	16.44 0.67 0.00	15.62 0.64 0.00	15.82 0.70 0.00	16.98 0.81 0.00	18.66 0.91 0.00	19.67 0.99 0.00	19.94 1.12 0.00	22.96 1.29 0.00	26.58 1.46 0.00	29.04 1.50 0.10	23.36 1.14 0.06	20.91 0.90 0.00	16.85 0.64 0.00
UPPER RAQUET____HYD 24056	16.07 0.01 0.00	17.35 -0.01 0.00	16.21 -0.02 0.00	15.46 0.03 0.00	17.01 0.03 0.00	16.19 0.03 0.00	13.19 -0.03 0.00	15.62 -0.01 0.00	16.53 -0.10 0.00	16.32 -0.16 0.00	16.53 -0.19 0.00	15.58 -0.19 0.00	14.77 -0.21 0.00	14.91 -0.21 0.00	15.93 -0.25 0.00	17.55 -0.19 0.00	18.36 -0.32 0.00	18.51 -0.31 0.00	21.37 -0.30 0.00	24.75 -0.37 0.00	27.33 -0.32 0.00	22.21 -0.07 0.00	20.01 0.00 0.00	16.18 -0.04 0.00
VALLEY44_115KV_TB2 355964	16.24 0.18 0.00	17.49 0.13 0.00	16.30 0.07 0.00	15.48 0.05 0.00	17.05 0.08 0.00	16.29 0.13 0.00	13.40 0.19 0.00	15.81 0.17 0.00	16.90 0.28 0.00	16.85 0.36 0.00	17.01 0.30 0.00	16.05 0.28 0.00	15.28 0.31 0.00	15.33 0.21 0.00	16.27 0.10 0.00	17.74 -0.01 0.00	18.90 0.23 0.00	18.85 0.03 0.00	21.72 0.05 0.00	25.35 0.22 0.00	28.13 0.48 0.00	22.88 0.60 0.00	20.57 0.56 0.00	16.76 0.55 0.00
VALLEY____115KV_TB 1-4 80826	16.27 0.21 0.00	17.58 0.22 0.00	16.43 0.20 0.00	15.60 0.16 0.00	17.17 0.19 0.00	16.28 0.12 0.00	13.40 0.18 0.00	15.90 0.27 0.00	16.89 0.27 0.00	16.55 0.07 0.00	16.84 0.12 0.00	15.88 0.11 0.00	15.01 0.03 0.00	15.15 0.03 0.00	16.26 0.09 0.00	17.93 0.18 0.00	18.92 0.24 0.00	19.22 0.40 0.00	22.19 0.53 0.00	25.72 0.60 0.00	28.26 0.61 0.00	22.72 0.44 0.00	20.38 0.37 0.00	16.47 0.26 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	16.70 0.64 0.00	18.07 0.71 0.00	16.90 0.66 0.00	16.04 0.61 0.00	17.66 0.68 0.00	16.81 0.64 0.00	13.78 0.57 0.00	16.32 0.69 0.00	17.37 0.75 0.00	17.26 0.78 0.00	17.51 0.79 0.00	16.48 0.72 0.00	15.62 0.64 0.00	15.76 0.65 0.00	16.88 0.70 0.00	18.50 0.76 0.00	19.50 0.83 0.00	19.68 0.86 0.00	22.65 0.98 0.00	26.28 1.15 0.00	28.96 1.31 0.00	23.35 1.06 0.00	20.94 0.93 0.00	16.93 0.72 0.00
VISCHER____FERRY HYD 24020	16.52 0.46 0.00	17.88 0.52 0.00	16.74 0.51 0.00	15.92 0.48 0.00	17.52 0.54 0.00	16.68 0.52 0.00	13.65 0.44 0.00	16.18 0.54 0.00	17.18 0.56 0.00	16.98 0.50 0.00	17.23 0.52 0.00	16.28 0.52 0.00	15.45 0.47 0.00	15.63 0.51 0.00	16.75 0.58 0.00	18.38 0.64 0.00	19.36 0.68 0.00	19.56 0.74 0.00	22.50 0.83 0.00	26.07 0.95 0.00	28.51 0.99 0.13	23.02 0.82 0.08	20.70 0.68 0.00	16.71 0.50 0.00
V_A_10_SYNC_DSASP 323832	15.56 -0.50 0.00	16.76 -0.60 0.00	15.63 -0.60 0.00	14.87 -0.57 0.00	16.38 -0.60 0.00	15.64 -0.52 0.00	12.81 -0.40 0.00	15.13 -0.51 0.00	16.21 -0.41 0.00	16.14 -0.34 0.00	16.28 -0.43 0.00	15.36 -0.41 0.00	14.65 -0.33 0.00	14.68 -0.44 0.00	15.54 -0.63 0.00	16.93 -0.82 0.00	18.06 -0.62 0.00	17.93 -0.89 0.00	20.69 -0.98 0.00	24.09 -1.03 0.00	26.75 -0.89 0.00	21.84 -0.44 0.00	19.64 -0.37 0.00	16.03 -0.18 0.00
V_CMM_10_SYNC_DSASP 323787	15.99 -0.07 0.00	17.29 -0.07 0.00	16.16 -0.08 0.00	15.40 -0.04 0.00	16.93 -0.05 0.00	16.11 -0.05 0.00	13.12 -0.09 0.00	15.53 -0.11 0.00	16.49 -0.13 0.00	16.37 -0.11 0.00	16.61 -0.11 0.00	15.66 -0.10 0.00	14.91 -0.07 0.00	15.04 -0.08 0.00	16.07 -0.11 0.00	17.69 -0.06 0.00	18.54 -0.14 0.00	18.64 -0.18 0.00	21.49 -0.18 0.00	24.90 -0.23 0.00	27.39 -0.25 0.00	22.08 -0.20 0.00	19.83 -0.18 0.00	16.05 -0.16 0.00
V_CMP_10_SYNC_DSASP 323788	16.65 0.59 0.00	17.92 0.56 0.00	16.76 0.52 0.00	15.94 0.50 0.00	17.55 0.57 0.00	16.73 0.57 0.00	13.59 0.38 0.00	16.04 0.40 0.00	17.04 0.41 0.00	16.88 0.40 0.00	17.08 0.37 0.00	16.18 0.42 0.00	15.48 0.51 0.00	15.70 0.58 0.00	16.76 0.58 0.00	18.39 0.64 0.00	19.27 0.59 0.00	19.45 0.63 0.00	22.41 0.74 0.00	25.91 0.79 0.00	28.44 0.79 0.00	22.91 0.63 0.00	20.53 0.52 0.00	16.73 0.52 0.00
V_E_10_SYNC_DSASP 323830	17.17 1.11 0.00	18.45 1.09 0.00	17.20 0.97 0.00	16.32 0.89 0.00	18.04 1.06 0.00	17.20 1.04 0.00	14.17 0.95 0.00	16.85 1.21 0.00	17.99 1.37 0.00	17.78 1.30 0.00	18.00 1.28 0.00	16.85 1.08 0.00	15.87 0.90 0.00	15.92 0.81 0.00	16.87 0.70 0.00	18.70 0.95 0.00	20.01 1.33 0.00	20.30 1.48 0.00	23.53 1.86 0.00	27.32 2.19 0.00	30.19 2.54 0.00	24.26 1.98 0.00	21.67 1.67 0.00	17.52 1.32 0.00



V_F_30_NSYNC___DSASP 323816	16.69 0.64 0.00	18.06 0.70 0.00	16.91 0.67 0.00	16.08 0.64 0.00	17.70 0.72 0.00	16.87 0.71 0.00	13.82 0.61 0.00	16.39 0.76 0.00	17.43 0.81 0.00	17.18 0.70 0.00	17.43 0.72 0.00	16.48 0.71 0.00	15.66 0.68 0.00	15.84 0.72 0.00	16.99 0.81 0.00	18.65 0.90 0.00	19.65 0.97 0.00	19.88 1.06 0.00	22.88 1.21 0.00	26.50 1.38 0.00	28.99 1.45 0.11	23.37 1.15 0.06	20.97 0.96 0.00	16.92 0.71 0.00
V_F_30_SYNC_DSASP 323786	16.31 0.25 0.00	17.67 0.31 0.00	16.54 0.31 0.00	15.73 0.29 0.00	17.31 0.33 0.00	16.47 0.31 0.00	13.49 0.28 0.00	15.99 0.35 0.00	16.97 0.35 0.00	16.79 0.31 0.00	17.03 0.32 0.00	16.10 0.33 0.00	15.28 0.31 0.00	15.47 0.35 0.00	16.59 0.41 0.00	18.19 0.44 0.00	19.16 0.48 0.00	19.36 0.54 0.00	22.27 0.60 0.00	25.78 0.66 0.00	28.24 0.70 0.11	22.77 0.56 0.07	20.48 0.47 0.00	16.53 0.33 0.00
V_XM_10_SYNC_DSASP 323789	16.65 0.59 0.00	17.92 0.56 0.00	16.76 0.52 0.00	15.94 0.50 0.00	17.55 0.57 0.00	16.73 0.57 0.00	13.59 0.38 0.00	16.04 0.40 0.00	17.04 0.41 0.00	16.88 0.40 0.00	17.08 0.37 0.00	16.18 0.42 0.00	15.48 0.51 0.00	15.70 0.58 0.00	16.76 0.58 0.00	18.39 0.64 0.00	19.27 0.59 0.00	19.45 0.63 0.00	22.41 0.74 0.00	25.91 0.79 0.00	28.44 0.79 0.00	22.91 0.63 0.00	20.53 0.52 0.00	16.73 0.52 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	16.88 0.82 0.00	18.23 0.86 0.00	17.02 0.79 0.00	16.15 0.71 0.00	17.76 0.78 0.00	16.90 0.73 0.00	13.93 0.72 0.00	16.49 0.85 0.00	17.49 0.87 0.00	17.36 0.88 0.00	17.64 0.92 0.00	16.64 0.87 0.00	15.78 0.81 0.00	15.96 0.84 0.00	17.12 0.95 0.00	18.74 0.99 0.00	19.70 1.03 0.00	19.84 1.02 0.00	22.83 1.16 0.00	26.50 1.38 0.00	29.25 1.50 -0.10	23.61 1.28 -0.06	21.17 1.16 0.00	17.07 0.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	16.96 0.90 0.00	18.31 0.94 0.00	17.10 0.87 0.00	16.23 0.79 0.00	17.84 0.86 0.00	16.97 0.81 0.00	14.02 0.81 0.00	16.57 0.94 0.00	17.59 0.97 0.00	17.47 0.99 0.00	17.76 1.04 0.00	16.75 0.98 0.00	15.90 0.92 0.00	16.07 0.95 0.00	17.24 1.07 0.00	18.84 1.09 0.00	19.81 1.13 0.00	19.92 1.10 0.00	22.91 1.24 0.00	26.63 1.50 0.00	29.35 1.59 -0.11	23.69 1.35 -0.06	21.28 1.27 0.00	17.17 0.96 0.00
W50THST__13_KV_LOAD 356117	17.02 0.95 0.00	18.37 1.01 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.90 0.92 0.00	17.02 0.86 0.00	14.06 0.85 0.00	16.63 0.99 0.00	17.66 1.04 0.00	17.54 1.06 0.00	17.83 1.12 0.00	16.83 1.06 0.00	15.98 1.00 0.00	16.15 1.03 0.00	17.32 1.15 0.00	18.92 1.17 0.00	19.90 1.22 0.00	20.01 1.19 0.00	23.01 1.34 0.00	26.74 1.61 0.00	29.47 1.72 -0.11	23.79 1.45 -0.06	21.36 1.35 0.00	17.23 1.02 0.00
WADING RIVER_IC_1 23522	17.59 1.53 0.00	18.98 1.62 0.00	17.71 1.48 0.00	16.79 1.35 0.00	18.48 1.50 0.00	17.61 1.44 0.00	14.60 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.03 1.55 0.00	18.86 1.80 -0.35	17.97 1.68 -0.52	16.96 1.51 -0.47	17.01 1.51 -0.38	17.23 1.70 0.65	19.66 1.80 -0.11	20.47 1.78 0.00	22.26 1.69 -1.75	23.51 1.84 0.00	27.22 2.09 0.00	30.18 2.42 -0.11	25.92 2.28 -1.36	22.67 2.14 -0.52	17.90 1.69 0.00
WADING RIVER_IC_2 23547	17.59 1.53 0.00	18.98 1.62 0.00	17.71 1.48 0.00	16.79 1.35 0.00	18.48 1.50 0.00	17.61 1.44 0.00	14.60 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.03 1.55 0.00	18.86 1.80 -0.35	17.97 1.68 -0.52	16.96 1.51 -0.47	17.01 1.51 -0.38	17.23 1.70 0.65	19.66 1.80 -0.11	20.47 1.78 0.00	22.26 1.69 -1.75	23.51 1.84 0.00	27.22 2.09 0.00	30.18 2.42 -0.11	25.92 2.28 -1.36	22.67 2.14 -0.52	17.90 1.69 0.00
WADING RIVER_IC_3 23601	17.59 1.53 0.00	18.98 1.62 0.00	17.71 1.48 0.00	16.79 1.35 0.00	18.48 1.50 0.00	17.61 1.44 0.00	14.60 1.39 0.00	17.24 1.60 0.00	18.34 1.72 0.00	18.03 1.55 0.00	18.86 1.80 -0.35	17.97 1.68 -0.52	16.96 1.51 -0.47	17.01 1.51 -0.38	17.23 1.70 0.65	19.66 1.80 -0.11	20.47 1.78 0.00	22.26 1.69 -1.75	23.51 1.84 0.00	27.22 2.09 0.00	30.18 2.42 -0.11	25.92 2.28 -1.36	22.67 2.14 -0.52	17.90 1.69 0.00
WALDENNY_12_KV_BK2 80841	15.79 -0.27 0.00	17.01 -0.35 0.00	15.86 -0.37 0.00	15.08 -0.35 0.00	16.63 -0.35 0.00	15.91 -0.26 0.00	13.03 -0.18 0.00	15.40 -0.23 0.00	16.50 -0.12 0.00	16.44 -0.04 0.00	16.58 -0.13 0.00	15.65 -0.12 0.00	14.94 -0.04 0.00	14.95 -0.16 0.00	15.82 -0.36 0.00	17.23 -0.52 0.00	18.40 -0.28 0.00	18.26 -0.56 0.00	21.08 -0.59 0.00	24.59 -0.54 0.00	27.34 -0.31 0.00	22.35 0.06 0.00	20.11 0.10 0.00	16.42 0.21 0.00
WALDEN___HYDRO 24148	16.89 0.83 0.00	18.24 0.88 0.00	17.04 0.81 0.00	16.17 0.74 0.00	17.79 0.81 0.00	16.93 0.76 0.00	13.94 0.73 0.00	16.51 0.88 0.00	17.52 0.89 0.00	17.37 0.89 0.00	17.63 0.91 0.00	16.61 0.85 0.00	15.73 0.75 0.00	15.91 0.79 0.00	17.05 0.87 0.00	18.68 0.93 0.00	19.70 1.02 0.00	19.89 1.07 0.00	22.89 1.23 0.00	26.60 1.48 0.00	29.33 1.60 -0.08	23.67 1.34 -0.05	21.21 1.20 0.00	17.11 0.90 0.00
WARRENSBURG___ 23737	16.62 0.56 0.00	17.96 0.60 0.00	16.83 0.59 0.00	16.01 0.58 0.00	17.63 0.65 0.00	16.82 0.65 0.00	13.78 0.57 0.00	16.37 0.73 0.00	17.41 0.79 0.00	17.14 0.65 0.00	17.38 0.66 0.00	16.44 0.67 0.00	15.62 0.64 0.00	15.82 0.70 0.00	16.98 0.81 0.00	18.66 0.91 0.00	19.67 0.99 0.00	19.94 1.12 0.00	22.96 1.29 0.00	26.58 1.46 0.00	29.04 1.50 0.10	23.36 1.14 0.06	20.91 0.90 0.00	16.85 0.64 0.00
WATERSIDE___6 8 9 23538	16.93 0.87 0.00	18.27 0.91 0.00	17.07 0.84 0.00	16.20 0.77 0.00	17.80 0.82 0.00	16.94 0.77 0.00	13.99 0.78 0.00	16.54 0.90 0.00	17.55 0.93 0.00	17.44 0.96 0.00	17.72 1.00 0.00	16.73 0.96 0.00	15.89 0.91 0.00	16.05 0.93 0.00	17.21 1.04 0.00	18.81 1.07 0.00	19.77 1.09 0.00	19.89 1.07 0.00	22.88 1.21 0.00	26.57 1.45 0.00	29.29 1.53 -0.11	23.68 1.34 -0.06	21.23 1.22 0.00	17.13 0.92 0.00
WATKINRD_115KV_LN8_ILLION 55919	16.21 0.15 0.00	17.52 0.16 0.00	16.38 0.15 0.00	15.56 0.12 0.00	17.13 0.15 0.00	16.28 0.12 0.00	13.35 0.14 0.00	15.84 0.20 0.00	16.83 0.20 0.00	16.54 0.05 0.00	16.82 0.10 0.00	15.86 0.09 0.00	15.02 0.05 0.00	15.16 0.05 0.00	16.27 0.10 0.00	17.91 0.16 0.00	18.89 0.21 0.00	19.14 0.31 0.00	22.08 0.40 0.00	25.60 0.47 0.00	28.12 0.48 0.00	22.63 0.35 0.00	20.29 0.28 0.00	16.39 0.18 0.00
WATSON___69_KV_BK 1 55734	17.50 1.44 0.00	18.88 1.52 0.00	17.62 1.39 0.00	16.71 1.27 0.00	18.39 1.41 0.00	17.52 1.35 0.00	14.53 1.31 0.00	17.14 1.50 0.00	18.23 1.61 0.00	17.93 1.45 0.00	18.89 1.69 -0.48	18.12 1.58 -0.77	17.31 1.45 -0.88	17.19 1.45 -0.62	17.38 1.63 0.43	19.78 1.73 -0.30	20.37 1.69 0.00	21.25 1.55 -0.88	23.33 1.66 0.00	27.03 1.90 0.00	30.02 2.26 -0.11	26.48 2.16 -2.03	22.76 2.03 -0.72	17.80 1.59 0.00



WDELAWARE___HYD 323627	17.08 1.02 0.00	18.44 1.08 0.00	17.22 0.99 0.00	16.34 0.91 0.00	17.98 1.00 0.00	17.11 0.95 0.00	14.10 0.88 0.00	16.70 1.07 0.00	17.74 1.11 0.00	17.60 1.12 0.00	17.79 1.07 0.00	16.74 0.98 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.23 1.05 0.00	18.92 1.17 0.00	19.95 1.27 0.00	20.15 1.32 0.00	23.26 1.59 0.00	26.96 1.84 0.00	29.76 2.05 -0.05	24.01 1.70 -0.03	21.53 1.52 0.00	17.31 1.10 0.00
WEST BABYLON___IC 23714	17.40 1.34 0.00	18.78 1.42 0.00	17.53 1.29 0.00	16.61 1.18 0.00	18.29 1.31 0.00	17.41 1.25 0.00	14.43 1.22 0.00	17.03 1.40 0.00	18.12 1.49 0.00	17.83 1.34 0.00	19.06 1.59 -0.76	18.51 1.49 -1.25	18.03 1.38 -1.68	17.56 1.36 -1.08	17.71 1.53 0.00	20.04 1.63 -0.66	20.26 1.58 0.00	20.48 1.45 -0.21	23.24 1.57 0.00	26.94 1.82 0.00	29.89 2.13 -0.11	27.69 2.03 -3.38	23.03 1.89 -1.13	17.68 1.47 0.00
WEST CANADA___HYD 24049	16.08 0.02 0.00	17.38 0.02 0.00	16.25 0.02 0.00	15.45 0.02 0.00	17.00 0.02 0.00	16.18 0.02 0.00	13.24 0.03 0.00	15.67 0.03 0.00	16.66 0.03 0.00	16.50 0.02 0.00	16.73 0.02 0.00	15.79 0.02 0.00	14.99 0.01 0.00	15.13 0.01 0.00	16.20 0.03 0.00	17.78 0.03 0.00	18.73 0.05 0.00	18.90 0.08 0.00	21.76 0.09 0.00	25.23 0.10 0.00	27.76 0.11 0.00	22.35 0.07 0.00	20.07 0.06 0.00	16.24 0.04 0.00
WESTERN_NY_WIND 24143	16.00 -0.06 0.00	17.22 -0.14 0.00	16.05 -0.18 0.00	15.26 -0.17 0.00	16.82 -0.16 0.00	16.06 -0.10 0.00	13.17 -0.04 0.00	15.57 -0.06 0.00	16.70 0.08 0.00	16.61 0.13 0.00	16.73 0.02 0.00	15.78 0.01 0.00	15.07 0.09 0.00	15.10 -0.02 0.00	15.96 -0.21 0.00	17.47 -0.28 0.00	18.64 -0.04 0.00	18.56 -0.26 0.00	21.46 -0.21 0.00	25.01 -0.12 0.00	27.74 0.09 0.00	22.58 0.30 0.00	20.26 0.25 0.00	16.51 0.30 0.00
WESTOVER___LESR 323668	16.28 0.22 0.00	17.58 0.22 0.00	16.40 0.17 0.00	15.57 0.14 0.00	17.16 0.18 0.00	16.32 0.16 0.00	13.41 0.20 0.00	15.85 0.21 0.00	16.90 0.28 0.00	16.78 0.30 0.00	17.01 0.29 0.00	16.02 0.25 0.00	15.19 0.21 0.00	15.31 0.19 0.00	16.37 0.20 0.00	17.95 0.20 0.00	18.94 0.26 0.00	19.08 0.26 0.00	21.98 0.31 0.00	25.55 0.42 0.00	28.23 0.58 0.00	22.81 0.52 0.00	20.48 0.47 0.00	16.61 0.40 0.00
WETHRSFD_WT_PWR 323626	15.75 -0.31 0.00	16.97 -0.39 0.00	15.79 -0.45 0.00	14.99 -0.45 0.00	16.55 -0.43 0.00	15.80 -0.36 0.00	12.93 -0.28 0.00	15.25 -0.39 0.00	16.30 -0.32 0.00	16.23 -0.25 0.00	16.43 -0.28 0.00	15.45 -0.32 0.00	14.70 -0.28 0.00	14.74 -0.38 0.00	15.68 -0.50 0.00	17.13 -0.62 0.00	18.27 -0.40 0.00	18.20 -0.62 0.00	21.08 -0.59 0.00	24.55 -0.57 0.00	27.29 -0.36 0.00	22.26 -0.02 0.00	20.05 0.04 0.00	16.35 0.15 0.00
WHAVSTOR_138KV_BK127 55557	16.82 0.76 0.00	18.16 0.80 0.00	16.96 0.73 0.00	16.09 0.66 0.00	17.70 0.72 0.00	16.84 0.68 0.00	13.89 0.68 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.30 0.82 0.00	17.57 0.86 0.00	16.58 0.81 0.00	15.72 0.74 0.00	15.90 0.78 0.00	17.06 0.88 0.00	18.66 0.91 0.00	19.62 0.94 0.00	19.75 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.37 -0.10	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.80 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	16.82 0.76 0.00	18.16 0.80 0.00	16.96 0.73 0.00	16.09 0.66 0.00	17.70 0.72 0.00	16.84 0.68 0.00	13.89 0.68 0.00	16.43 0.79 0.00	17.43 0.81 0.00	17.30 0.82 0.00	17.57 0.86 0.00	16.58 0.81 0.00	15.72 0.74 0.00	15.90 0.78 0.00	17.06 0.88 0.00	18.66 0.91 0.00	19.62 0.94 0.00	19.75 0.93 0.00	22.72 1.05 0.00	26.38 1.26 0.00	29.12 1.37 -0.10	23.51 1.17 -0.06	21.08 1.07 0.00	17.01 0.80 0.00
WHITEHAL_115KV_TB1 80871	16.95 0.89 0.00	18.31 0.95 0.00	17.22 0.99 0.00	16.44 1.00 0.00	18.13 1.15 0.00	17.36 1.20 0.00	14.22 1.00 0.00	16.92 1.29 0.00	17.97 1.35 0.00	17.58 1.10 0.00	17.77 1.05 0.00	16.83 1.06 0.00	15.99 1.02 0.00	16.30 1.19 0.00	17.51 1.33 0.00	19.28 1.53 0.00	20.36 1.68 0.00	20.70 1.88 0.00	23.80 2.13 0.00	27.48 2.36 0.00	29.94 2.39 0.10	24.05 1.83 0.06	21.40 1.39 0.00	17.24 1.03 0.00
WHITEPLN_13_KV_LOAD 356215	17.00 0.94 0.00	18.34 0.98 0.00	17.13 0.90 0.00	16.26 0.83 0.00	17.88 0.90 0.00	17.02 0.85 0.00	14.04 0.83 0.00	16.61 0.97 0.00	17.63 1.01 0.00	17.50 1.02 0.00	17.79 1.07 0.00	16.78 1.01 0.00	15.91 0.93 0.00	16.08 0.96 0.00	17.25 1.08 0.00	18.88 1.13 0.00	19.85 1.17 0.00	19.99 1.17 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.47 1.71 -0.11	23.78 1.44 -0.06	21.33 1.32 0.00	17.20 0.99 0.00
WM_FLOYD_69_KV_BK2 356380	17.57 1.52 0.00	18.96 1.60 0.00	17.69 1.46 0.00	16.77 1.34 0.00	18.47 1.49 0.00	17.59 1.43 0.00	14.58 1.38 0.00	17.22 1.58 0.00	18.32 1.69 0.00	18.01 1.53 0.00	18.84 1.77 -0.35	17.96 1.65 -0.53	16.95 1.48 -0.50	17.01 1.49 -0.39	17.21 1.68 0.64	19.64 1.76 -0.12	20.43 1.75 0.00	22.27 1.67 -1.78	23.48 1.81 0.00	27.18 2.05 0.00	30.14 2.39 -0.11	25.92 2.24 -1.40	22.65 2.11 -0.53	17.88 1.67 0.00
WOODARD__115KV_TB2 355635	16.00 -0.06 0.00	17.27 -0.09 0.00	16.12 -0.11 0.00	15.32 -0.12 0.00	16.86 -0.12 0.00	16.05 -0.11 0.00	13.14 -0.07 0.00	15.55 -0.08 0.00	16.57 -0.05 0.00	16.44 -0.04 0.00	16.66 -0.06 0.00	15.71 -0.06 0.00	14.92 -0.06 0.00	15.04 -0.08 0.00	16.07 -0.10 0.00	17.61 -0.14 0.00	18.59 -0.09 0.00	18.72 -0.10 0.00	21.57 -0.10 0.00	25.02 -0.11 0.00	27.56 -0.09 0.00	22.23 -0.05 0.00	19.96 -0.05 0.00	16.21 0.00 0.00
YORK___WARBASSE 23770	17.02 0.95 0.00	18.36 1.00 0.00	17.15 0.92 0.00	16.28 0.84 0.00	17.87 0.89 0.00	17.01 0.85 0.00	14.05 0.84 0.00	16.61 0.98 0.00	17.63 1.01 0.00	17.52 1.04 0.00	17.80 1.09 0.00	16.80 1.03 0.00	15.94 0.96 0.00	16.11 0.99 0.00	17.28 1.11 0.00	18.90 1.15 0.00	19.86 1.19 0.00	19.99 1.16 0.00	23.00 1.33 0.00	26.71 1.59 0.00	29.45 1.69 -0.11	23.81 1.47 -0.07	21.34 1.33 0.00	17.22 1.01 0.00