

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/10/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	23.71	21.68	19.74	18.89	19.74	19.49	18.79	19.89	18.56	20.41	18.06	18.39	18.73	18.88	19.28	21.17	20.16	20.21	21.25	25.92	25.65	27.09	22.90	22.23
24138	1.28	1.11	0.99	0.94	0.91	0.90	1.01	1.10	1.32	1.31	1.40	1.45	1.55	1.54	1.64	1.74	1.70	1.68	1.74	2.07	1.91	1.93	1.52	1.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.18	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.72	21.70	19.76	18.90	19.76	19.51	18.80	19.89	18.56	20.41	18.05	18.38	18.72	18.86	19.26	21.16	20.14	20.20	21.23	25.91	25.64	27.09	22.91	22.25
24260	1.29	1.12	1.01	0.95	0.93	0.91	1.02	1.10	1.31	1.31	1.38	1.43	1.54	1.53	1.62	1.72	1.68	1.66	1.73	2.05	1.91	1.92	1.53	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.72	21.70	19.76	18.90	19.76	19.51	18.80	19.89	18.56	20.41	18.05	18.38	18.72	18.86	19.26	21.16	20.14	20.20	21.23	25.91	25.64	27.09	22.91	22.25
24261	1.29	1.12	1.01	0.95	0.93	0.91	1.02	1.10	1.31	1.31	1.38	1.43	1.54	1.53	1.62	1.72	1.68	1.66	1.73	2.05	1.91	1.92	1.53	1.42
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.06	0.00	-0.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	24.13	22.13	20.20	19.35	20.33	20.08	19.23	20.27	18.72	20.57	17.95	18.22	18.53	18.62	18.81	20.65	19.66	20.09	21.09	25.83	25.71	27.25	22.97	22.41
24011	1.71	1.56	1.46	1.40	1.50	1.49	1.44	1.49	1.47	1.47	1.28	1.27	1.35	1.28	1.24	1.21	1.38	1.56	1.58	1.98	1.97	2.08	1.59	1.58
	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
ADK RESOURCE___RCVRY	24.31	22.31	20.35	19.50	20.51	20.26	19.41	20.45	18.88	20.76	18.12	18.38	18.69	18.77	18.95	20.75	19.79	20.26	21.25	26.03	25.90	27.45	23.12	22.61
23798	1.89	1.73	1.60	1.54	1.68	1.66	1.63	1.67	1.64	1.66	1.46	1.44	1.51	1.44	1.38	1.32	1.50	1.73	1.75	2.18	2.17	2.28	1.74	1.78
	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
ADK S GLENS___FALLS	24.13	22.13	20.20	19.35	20.33	20.08	19.23	20.27	18.72	20.57	17.95	18.22	18.53	18.62	18.81	20.65	19.66	20.09	21.09	25.83	25.71	27.25	22.97	22.41
24028	1.71	1.56	1.46	1.40	1.50	1.49	1.44	1.49	1.47	1.47	1.28	1.27	1.35	1.28	1.24	1.21	1.38	1.56	1.58	1.98	1.97	2.08	1.59	1.58
	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
ADK_NYS___DAM	23.58	21.73	19.92	19.08	20.05	19.79	18.84	19.79	18.32	20.08	17.63	17.88	18.19	18.34	18.57	20.35	19.22	19.30	20.23	24.85	24.69	26.35	22.25	21.74
23527	1.16	1.15	1.17	1.13	1.22	1.20	1.06	1.00	1.07	0.98	0.97	0.93	1.01	1.01	1.00	0.92	0.94	0.77	0.73	1.00	0.95	1.18	0.87	0.91
	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
AIR_PRODUCTS___DRP	22.90	21.02	19.21	18.40	19.30	19.04	18.22	19.17	17.61	19.35	17.00	17.28	17.58	17.74	18.00	19.79	18.69	18.87	19.83	24.27	24.10	25.58	21.61	21.05
24190	0.48	0.44	0.47	0.45	0.47	0.45	0.43	0.38	0.36	0.25	0.34	0.34	0.40	0.41	0.42	0.36	0.40	0.33	0.32	0.42	0.36	0.41	0.24	0.22
	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
AKWESSNE_115KV_BK	22.12	20.36	18.54	17.76	18.63	18.38	17.59	18.66	17.06	19.04	16.53	16.82	17.00	17.17	17.36	19.18	18.04	18.33	19.28	23.59	23.53	24.97	21.16	20.63
355683	-0.30	-0.22	-0.21	-0.19	-0.20	-0.21	-0.19	-0.12	-0.19	-0.06	-0.13	-0.12	-0.18	-0.17	-0.22	-0.25	-0.25	-0.21	-0.23	-0.27	-0.21	-0.20	-0.22	-0.21
	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	22.90	21.02	19.21	18.40	19.30	19.04	18.22	19.17	17.61	19.35	17.00	17.28	17.58	17.74	18.00	19.79	18.69	18.87	19.83	24.27	24.10	25.58	21.61	21.05
23571	0.48	0.44	0.47	0.45	0.47	0.45	0.43	0.38	0.36	0.25	0.34	0.34	0.40	0.41	0.42	0.36	0.40	0.33	0.32	0.42	0.36	0.41	0.24	0.22
	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___2	22.90	21.02	19.21	18.40	19.30	19.04	18.22	19.17	17.61	19.35	17.00	17.28	17.58	17.74	18.00	19.79	18.69	18.87	19.83	24.27	24.10	25.58	21.61	21.05
23572	0.48	0.44	0.47	0.45	0.47	0.45	0.43	0.38	0.36	0.25	0.34	0.34	0.40	0.41	0.42	0.36	0.40	0.33	0.32	0.42	0.36	0.41	0.24	0.22
	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___3	22.90	21.02	19.21	18.40	19.30	19.04	18.22	19.17	17.61	19.35	17.00	17.28	17.58	17.74	18.00	19.79	18.69	18.87	19.83	24.27	24.10	25.58	21.61	21.05
23573	0.48	0.44	0.47	0.45	0.47	0.45	0.43	0.38	0.36	0.25	0.34	0.34	0.40	0.41	0.42	0.36	0.40	0.33	0.32	0.42	0.36	0.41	0.24	0.22
	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___4 23574	22.90 0.48 0.00	21.02 0.44 0.00	19.21 0.47 0.00	18.40 0.45 0.00	19.30 0.47 0.00	19.04 0.45 0.00	18.22 0.43 0.00	19.17 0.38 0.00	17.61 0.36 0.00	19.35 0.25 0.00	17.00 0.34 0.00	17.28 0.34 0.00	17.58 0.40 0.00	17.74 0.41 0.00	18.00 0.42 0.00	19.79 0.36 0.00	18.69 0.40 0.00	18.87 0.33 0.00	19.83 0.32 0.00	24.27 0.42 0.00	24.10 0.36 0.00	25.58 0.41 0.00	21.61 0.24 0.00	21.05 0.22 0.00
ALBANY___LFGE 323615	23.09 0.67 0.00	21.19 0.61 0.00	19.37 0.63 0.00	18.55 0.59 0.00	19.45 0.62 0.00	19.20 0.61 0.00	18.36 0.58 0.00	19.34 0.55 0.00	17.79 0.54 0.00	19.55 0.45 0.00	17.18 0.51 0.00	17.46 0.52 0.00	17.77 0.59 0.00	17.93 0.60 0.00	18.19 0.61 0.00	19.99 0.56 0.00	18.87 0.59 0.00	19.07 0.54 0.00	20.04 0.54 0.00	24.53 0.68 0.00	24.36 0.62 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.27 0.44 0.00
ALCOA_PA_115KV_PL-6C 55860	22.30 -0.13 0.00	20.51 -0.06 0.00	18.68 -0.07 0.00	17.91 -0.05 0.00	18.78 -0.05 0.00	18.52 -0.07 0.00	17.73 -0.05 0.00	18.82 0.03 0.00	17.20 -0.05 0.00	19.20 0.10 0.00	16.66 0.00 0.00	16.94 0.00 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.49 -0.09 0.00	19.32 -0.11 0.00	18.18 -0.11 0.00	18.47 -0.06 0.00	19.43 -0.07 0.00	23.79 -0.06 0.00	23.74 0.00 0.00	25.19 0.02 0.00	21.34 -0.04 0.00	20.80 -0.03 0.00
ALCOA_RYNLDS___DRP 24188	22.30 -0.13 0.00	20.51 -0.06 0.00	18.68 -0.07 0.00	17.91 -0.05 0.00	18.78 -0.05 0.00	18.52 -0.07 0.00	17.73 -0.05 0.00	18.82 0.03 0.00	17.20 -0.05 0.00	19.20 0.10 0.00	16.66 0.00 0.00	16.94 0.00 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.49 -0.09 0.00	19.32 -0.11 0.00	18.18 -0.11 0.00	18.47 -0.06 0.00	19.43 -0.07 0.00	23.79 -0.06 0.00	23.74 0.00 0.00	25.19 0.02 0.00	21.34 -0.04 0.00	20.80 -0.03 0.00
ALCOA___DSASP 323711	22.30 -0.13 0.00	20.51 -0.06 0.00	18.68 -0.07 0.00	17.91 -0.05 0.00	18.78 -0.05 0.00	18.52 -0.07 0.00	17.74 -0.05 0.00	18.82 0.03 0.00	17.20 -0.05 0.00	19.20 0.10 0.00	16.66 0.00 0.00	16.94 0.00 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.49 -0.09 0.00	19.32 -0.11 0.00	18.18 -0.11 0.00	18.47 -0.06 0.00	19.43 -0.07 0.00	23.79 -0.06 0.00	23.74 0.00 0.00	25.19 0.02 0.00	21.34 -0.04 0.00	20.80 -0.03 0.00
ALLEGHENY___COGEN 23514	23.16 0.73 0.00	20.99 0.41 0.00	19.06 0.32 0.00	18.28 0.32 0.00	19.20 0.37 0.00	18.94 0.35 0.00	17.91 0.12 0.00	18.87 0.09 0.00	17.04 -0.20 0.00	18.89 -0.21 0.00	16.57 -0.10 0.00	16.80 -0.14 0.00	17.00 -0.18 0.00	17.16 -0.17 0.00	17.42 -0.16 0.00	19.27 -0.16 0.00	18.17 -0.12 0.00	18.62 0.08 0.00	19.64 0.14 0.00	24.31 0.45 0.00	24.57 0.83 0.00	26.12 0.95 0.00	22.10 0.72 0.00	21.44 0.61 0.00
ALTAMONT_115KV_TB 2 55880	23.10 0.68 0.00	21.20 0.62 0.00	19.35 0.61 0.00	18.53 0.58 0.00	19.43 0.61 0.00	19.18 0.59 0.00	18.36 0.58 0.00	19.36 0.57 0.00	17.85 0.61 0.00	19.64 0.54 0.00	17.23 0.57 0.00	17.51 0.57 0.00	17.81 0.63 0.00	17.97 0.64 0.00	18.24 0.66 0.00	20.07 0.63 0.00	18.94 0.65 0.00	19.16 0.63 0.00	20.14 0.64 0.00	24.65 0.80 0.00	24.48 0.74 0.00	25.98 0.81 0.00	21.97 0.59 0.00	21.40 0.57 0.00
ALTONA_WT_PWR 323606	22.79 0.36 0.00	20.95 0.37 0.00	19.04 0.29 0.00	18.24 0.29 0.00	19.15 0.32 0.00	18.93 0.34 0.00	18.23 0.45 0.00	19.31 0.53 0.00	17.75 0.50 0.00	19.82 0.72 0.00	17.16 0.49 0.00	17.34 0.40 0.00	17.60 0.41 0.00	17.71 0.37 0.00	17.87 0.29 0.00	19.67 0.23 0.00	18.58 0.29 0.00	18.88 0.34 0.00	19.94 0.43 0.00	24.40 0.55 0.00	24.25 0.52 0.00	25.67 0.50 0.00	21.62 0.24 0.00	21.14 0.31 0.00
AMERICAN_REF_FUEL 24010	21.87 -0.56 0.00	19.88 -0.70 0.00	18.08 -0.66 0.00	17.35 -0.61 0.00	18.28 -0.55 0.00	18.00 -0.59 0.00	16.82 -0.96 0.00	17.70 -1.09 0.00	16.29 -0.95 0.00	18.21 -0.89 0.00	16.04 -0.63 0.00	16.21 -0.73 0.00	16.41 -0.77 0.00	16.51 -0.83 0.00	16.73 -0.85 0.00	18.40 -1.03 0.00	17.37 -0.92 0.00	17.78 -0.75 0.00	18.67 -0.83 0.00	22.69 -1.17 0.00	22.73 -1.01 0.00	24.06 -1.11 0.00	20.38 -1.00 0.00	19.89 -0.94 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.44 0.01 0.00	20.45 -0.12 0.00	18.65 -0.10 0.00	17.90 -0.06 0.00	18.84 0.02 0.00	18.47 -0.12 0.00	17.32 -0.46 0.00	18.40 -0.39 0.00	17.15 -0.09 0.00	19.21 0.11 0.00	16.98 0.31 0.00	17.16 0.22 0.00	17.20 0.01 0.00	17.20 -0.13 0.00	17.41 -0.17 0.00	19.25 -0.19 0.00	18.33 0.05 0.00	18.79 0.25 0.00	19.77 0.27 0.00	24.18 0.33 0.00	24.06 0.33 0.00	25.26 0.09 0.00	21.35 -0.03 0.00	20.85 0.02 0.00
ARTHUR_KILL_GT_1 23520	23.74 1.31 0.00	21.72 1.14 0.00	19.77 1.02 0.00	18.92 0.96 0.00	19.77 0.94 0.00	19.53 0.94 0.00	18.81 1.03 0.00	19.89 1.10 0.00	18.56 1.31 0.00	20.38 1.28 0.00	18.03 1.37 0.00	18.36 1.41 0.00	18.69 1.51 0.00	18.84 1.51 0.00	19.25 1.61 -0.06	21.14 1.71 0.00	20.13 1.67 -0.17	20.19 1.66 0.00	21.24 1.74 0.00	25.91 2.06 0.00	25.60 1.86 0.00	27.04 1.87 0.00	22.88 1.50 0.00	22.22 1.39 0.00
ARTHUR_KILL_2 23512	23.67 1.25 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.91 0.00	19.73 0.90 0.00	19.48 0.89 0.00	18.77 0.99 0.00	19.85 1.06 0.00	18.51 1.27 0.00	20.33 1.23 0.00	17.98 1.32 0.00	18.31 1.36 0.00	18.64 1.46 0.00	18.79 1.45 0.00	19.19 1.55 -0.06	21.09 1.65 0.00	20.07 1.61 -0.17	20.13 1.59 0.00	21.17 1.67 0.00	25.83 1.98 0.00	25.52 1.78 0.00	26.95 1.78 0.00	22.81 1.43 0.00	22.15 1.32 0.00
ARTHUR_KILL_3 23513	23.52 1.09 0.00	21.52 0.94 0.00	19.59 0.85 0.00	18.76 0.80 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.86 0.00	19.71 0.92 0.00	18.39 1.14 0.00	20.20 1.10 0.00	17.88 1.22 0.00	18.19 1.24 0.00	18.52 1.34 0.00	18.67 1.33 0.00	19.07 1.43 -0.06	20.96 1.52 0.00	19.96 1.50 -0.18	20.01 1.48 0.00	21.04 1.54 0.00	25.65 1.80 0.00	25.39 1.65 0.00	26.84 1.67 0.00	22.69 1.31 0.00	22.03 1.21 0.00
ARTHUR_KILL_COGEN 323718	23.74 1.31 0.00	21.72 1.14 0.00	19.77 1.02 0.00	18.92 0.96 0.00	19.77 0.94 0.00	19.53 0.94 0.00	18.81 1.03 0.00	19.89 1.10 0.00	18.56 1.31 0.00	20.38 1.28 0.00	18.03 1.37 0.00	18.36 1.41 0.00	18.69 1.51 0.00	18.84 1.51 0.00	19.25 1.61 -0.06	21.14 1.71 0.00	20.13 1.67 -0.17	20.19 1.66 0.00	21.24 1.74 0.00	25.91 2.06 0.00	25.60 1.86 0.00	27.04 1.87 0.00	22.88 1.50 0.00	22.22 1.39 0.00
ASHOKAN____ 23654	23.30 0.88 0.00	21.32 0.74 0.00	19.45 0.70 0.00	18.62 0.66 0.00	19.51 0.68 0.00	19.26 0.67 0.00	18.47 0.69 0.00	19.48 0.69 0.00	18.00 0.75 0.00	19.75 0.65 0.00	17.31 0.64 0.00	17.57 0.63 0.00	17.95 0.77 0.00	18.10 0.76 0.00	18.40 0.83 0.00	20.30 0.87 0.00	19.14 0.85 0.00	19.46 0.93 0.00	20.44 0.94 0.00	25.07 1.22 0.00	24.93 1.19 0.00	26.42 1.25 0.00	22.28 0.90 0.00	21.65 0.82 0.00

ASTORIA_EAST_ENERGY_CC1 323581	23.45 1.03 0.00	21.47 0.89 0.00	19.54 0.80 0.00	18.70 0.75 0.00	19.55 0.72 0.00	19.31 0.71 0.00	18.61 0.83 0.00	19.68 0.89 0.00	18.40 1.16 0.00	20.16 1.06 0.00	17.85 1.19 0.00	18.21 1.26 0.00	18.51 1.33 0.00	18.66 1.33 0.00	19.05 1.41 -0.06	20.92 1.49 0.00	19.89 1.43 -0.17	19.95 1.42 0.00	20.99 1.49 0.00	25.62 1.77 0.00	25.35 1.62 0.00	26.78 1.61 0.00	22.68 1.30 0.00	22.01 1.18 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.45 1.03 0.00	21.47 0.89 0.00	19.54 0.80 0.00	18.70 0.75 0.00	19.55 0.72 0.00	19.31 0.71 0.00	18.61 0.83 0.00	19.68 0.89 0.00	18.40 1.15 0.00	20.16 1.06 0.00	17.85 1.19 0.00	18.20 1.26 0.00	18.51 1.33 0.00	18.66 1.33 0.00	19.05 1.41 -0.06	20.92 1.49 0.00	19.89 1.43 -0.17	19.95 1.42 0.00	20.99 1.49 0.00	25.62 1.77 0.00	25.35 1.62 0.00	26.78 1.61 0.00	22.68 1.30 0.00	22.01 1.18 0.00
ASTORIA_GT2_1 24094	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT2_2 24095	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT2_3 24096	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT2_4 24097	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT3_1 24098	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT3_2 24099	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT3_3 24100	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT3_4 24101	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT4_1 24102	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT4_2 24103	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT4_3 24104	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT4_4 24105	23.47 1.05 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.17 0.00	20.17 1.07 0.00	17.86 1.20 0.00	18.22 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA_GT_1 23523	23.50 1.08 0.00	21.52 0.94 0.00	19.58 0.84 0.00	18.74 0.79 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.87 0.00	19.72 0.93 0.00	18.44 1.19 0.00	20.20 1.10 0.00	17.90 1.23 0.00	18.25 1.30 0.00	18.54 1.37 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.97 1.53 0.00	19.93 1.48 -0.17	20.00 1.47 0.00	21.04 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.73 1.35 0.00	22.06 1.23 0.00

ASTORIA_GT_10 24110	23.57 1.15 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.50 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.10 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA_GT_11 24225	23.57 1.15 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.50 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.10 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA_GT_12 24226	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA_GT_13 24227	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA_GT_5 24106	23.50 1.08 0.00	21.52 0.94 0.00	19.58 0.84 0.00	18.74 0.79 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.87 0.00	19.72 0.93 0.00	18.44 1.19 0.00	20.20 1.10 0.00	17.90 1.23 0.00	18.25 1.30 0.00	18.54 1.37 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.97 1.53 0.00	19.93 1.48 -0.17	20.00 1.47 0.00	21.04 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.73 1.35 0.00	22.06 1.23 0.00
ASTORIA_GT_7 24107	23.50 1.08 0.00	21.52 0.94 0.00	19.58 0.84 0.00	18.74 0.79 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.87 0.00	19.72 0.93 0.00	18.44 1.19 0.00	20.20 1.10 0.00	17.90 1.23 0.00	18.25 1.30 0.00	18.54 1.37 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.97 1.53 0.00	19.93 1.48 -0.17	20.00 1.47 0.00	21.04 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.73 1.35 0.00	22.06 1.23 0.00
ASTORIA_GT_8 24108	23.50 1.08 0.00	21.52 0.94 0.00	19.58 0.84 0.00	18.75 0.79 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.86 0.00	19.72 0.93 0.00	18.44 1.19 0.00	20.20 1.10 0.00	17.89 1.23 0.00	18.25 1.30 0.00	18.54 1.36 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.97 1.53 0.00	19.94 1.48 -0.17	20.00 1.47 0.00	21.04 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.73 1.35 0.00	22.06 1.23 0.00
ASTORIA___2 24149	23.46 1.04 0.00	21.48 0.91 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.56 0.73 0.00	19.32 0.73 0.00	18.62 0.84 0.00	19.69 0.90 0.00	18.41 1.16 0.00	20.17 1.07 0.00	17.87 1.20 0.00	18.21 1.27 0.00	18.51 1.33 0.00	18.67 1.33 0.00	19.05 1.42 -0.06	20.93 1.50 0.00	19.90 1.44 -0.17	19.96 1.43 0.00	21.00 1.50 0.00	25.63 1.78 0.00	25.36 1.63 0.00	26.80 1.63 0.00	22.69 1.31 0.00	22.02 1.19 0.00
ASTORIA___3 23516	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA___4 23517	23.57 1.15 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.50 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.10 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
ASTORIA___5 23518	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
AST_ENERGY_2_CC3 323677	23.53 1.10 0.00	21.54 0.97 0.00	19.63 0.89 0.00	18.79 0.83 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.68 0.90 0.00	19.75 0.97 0.00	18.43 1.18 0.00	20.25 1.15 0.00	17.92 1.25 0.00	18.24 1.30 0.00	18.58 1.40 0.00	18.72 1.39 0.00	19.12 1.48 -0.06	20.98 1.55 0.00	19.99 1.53 -0.18	20.03 1.49 0.00	21.05 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.71 1.33 0.00	22.05 1.23 0.00
AST_ENERGY_2_CC4 323678	23.53 1.10 0.00	21.54 0.97 0.00	19.63 0.89 0.00	18.79 0.83 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.68 0.90 0.00	19.75 0.97 0.00	18.43 1.18 0.00	20.25 1.15 0.00	17.92 1.25 0.00	18.24 1.30 0.00	18.58 1.40 0.00	18.72 1.39 0.00	19.12 1.48 -0.06	20.98 1.55 0.00	19.99 1.53 -0.18	20.03 1.49 0.00	21.05 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.71 1.33 0.00	22.05 1.23 0.00
ATHENS_STG_1 23668	23.19 0.76 0.00	21.26 0.68 0.00	19.38 0.64 0.00	18.56 0.60 0.00	19.45 0.62 0.00	19.20 0.60 0.00	18.40 0.62 0.00	19.42 0.64 0.00	17.98 0.73 0.00	19.79 0.68 0.00	17.39 0.73 0.00	17.68 0.74 0.00	17.99 0.81 0.00	18.14 0.80 0.00	18.42 0.84 0.00	20.29 0.86 0.00	19.14 0.85 0.00	19.36 0.83 0.00	20.35 0.85 0.00	24.89 1.04 0.00	24.70 0.96 0.00	26.18 1.01 0.00	22.15 0.77 0.00	21.56 0.73 0.00
ATHENS_STG_2 23670	23.19 0.76 0.00	21.26 0.68 0.00	19.38 0.64 0.00	18.56 0.60 0.00	19.45 0.62 0.00	19.20 0.60 0.00	18.40 0.62 0.00	19.42 0.64 0.00	17.98 0.73 0.00	19.79 0.68 0.00	17.39 0.73 0.00	17.68 0.74 0.00	17.99 0.81 0.00	18.14 0.80 0.00	18.42 0.84 0.00	20.29 0.86 0.00	19.14 0.85 0.00	19.36 0.83 0.00	20.35 0.85 0.00	24.89 1.04 0.00	24.70 0.96 0.00	26.18 1.01 0.00	22.15 0.77 0.00	21.56 0.73 0.00

ATHENS_STG_3 23677	23.19 0.76 0.00	21.26 0.68 0.00	19.38 0.64 0.00	18.56 0.60 0.00	19.45 0.62 0.00	19.20 0.60 0.00	18.40 0.62 0.00	19.42 0.64 0.00	17.98 0.73 0.00	19.79 0.68 0.00	17.39 0.73 0.00	17.68 0.74 0.00	17.99 0.81 0.00	18.14 0.80 0.00	18.42 0.84 0.00	20.29 0.86 0.00	19.14 0.85 0.00	19.36 0.83 0.00	20.35 0.85 0.00	24.89 1.04 0.00	24.70 0.96 0.00	26.18 1.01 0.00	22.15 0.77 0.00	21.56 0.73 0.00
AUBURN____LFGE 323710	22.61 0.19 0.00	20.67 0.09 0.00	18.81 0.06 0.00	18.00 0.05 0.00	18.89 0.07 0.00	18.65 0.06 0.00	17.81 0.02 0.00	18.82 0.03 0.00	17.29 0.04 0.00	19.11 0.00 0.00	16.65 -0.01 0.00	16.89 -0.05 0.00	17.11 -0.07 0.00	17.26 -0.08 0.00	17.53 -0.05 0.00	19.45 0.02 0.00	18.37 0.08 0.00	18.66 0.13 0.00	19.67 0.17 0.00	24.07 0.21 0.00	23.96 0.23 0.00	25.38 0.21 0.00	21.58 0.20 0.00	20.98 0.15 0.00
BABYLON_RES_REC 323704	28.86 1.61 -4.82	21.91 1.33 0.00	19.93 1.18 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.70 1.10 0.00	45.87 1.28 -26.80	20.10 1.31 0.00	20.16 1.49 -1.43	21.14 1.45 -0.59	22.93 1.45 -4.81	28.03 1.44 -9.64	23.80 1.56 -5.06	18.75 1.41 0.00	19.11 1.53 0.00	21.10 1.66 0.00	19.86 1.58 0.00	20.13 1.60 0.00	21.65 1.76 -0.38	26.69 2.23 -0.61	25.80 2.07 0.00	27.52 2.13 -0.23	26.19 1.78 -3.03	22.29 1.46 0.00
BABYLON__69_KV_BK2 356345	29.07 1.82 -4.82	22.08 1.51 0.00	20.10 1.35 0.00	19.23 1.27 0.00	20.11 1.28 0.00	19.86 1.27 0.00	46.04 1.46 -26.80	20.27 1.48 0.00	20.33 1.65 -1.43	21.33 1.63 -0.59	23.09 1.61 -4.81	28.20 1.62 -9.64	23.97 1.73 -5.06	18.94 1.60 0.00	19.30 1.72 0.00	21.33 1.89 0.00	20.09 1.80 0.00	20.35 1.82 0.00	21.88 2.00 -0.38	26.98 2.52 -0.61	26.09 2.35 0.00	27.82 2.42 -0.23	26.42 2.01 -3.03	22.59 1.76 0.00
BARON_WINDS____WT_PWR 323822	22.42 0.00 0.00	20.35 -0.23 0.00	18.48 -0.26 0.00	17.72 -0.23 0.00	18.61 -0.22 0.00	18.32 -0.28 0.00	17.35 -0.43 0.00	18.41 -0.38 0.00	17.04 -0.20 0.00	18.89 -0.21 0.00	16.56 -0.10 0.00	16.81 -0.13 0.00	17.02 -0.16 0.00	17.19 -0.15 0.00	17.39 -0.18 0.00	19.28 -0.15 0.00	18.12 -0.17 0.00	18.60 0.07 0.00	19.65 0.15 0.00	24.09 0.24 0.00	24.01 0.27 0.00	25.34 0.17 0.00	21.51 0.13 0.00	20.93 0.10 0.00
BARRETT_IC_1 23704	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_10 23701	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_11 23702	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_12 23703	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_2 23705	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_3 23706	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_4 23707	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_5 23708	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_6 23709	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_7 23710	28.81 1.57 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.28 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.68 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.47 1.73 0.00	27.27 1.87 -0.23	26.04 1.63 -3.03	22.31 1.48 0.00

BARRETT_IC_8 23711	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT_IC_9 23700	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT___1 23545	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BARRETT___2 23546	28.81 1.56 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.04 1.08 0.00	19.92 1.09 0.00	19.67 1.08 0.00	45.80 1.22 -26.80	20.07 1.29 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.92 1.44 -4.81	28.00 1.41 -9.64	23.75 1.50 -5.06	18.67 1.34 0.00	19.03 1.45 0.00	20.97 1.54 0.00	19.67 1.38 0.00	19.92 1.39 0.00	21.38 1.50 -0.38	26.34 1.88 -0.61	25.46 1.73 0.00	27.27 1.87 -0.23	26.04 1.62 -3.03	22.31 1.48 0.00
BATAVIA__115KV_TB1 55881	22.67 0.25 0.00	20.61 0.03 0.00	18.73 -0.01 0.00	17.96 0.00 0.00	18.91 0.08 0.00	18.65 0.05 0.00	17.51 -0.28 0.00	18.46 -0.33 0.00	16.97 -0.28 0.00	18.84 -0.26 0.00	16.60 -0.06 0.00	16.78 -0.17 0.00	16.95 -0.23 0.00	17.06 -0.28 0.00	17.30 -0.28 0.00	19.11 -0.32 0.00	18.04 -0.25 0.00	18.50 -0.03 0.00	19.50 -0.01 0.00	23.81 -0.05 0.00	23.84 0.10 0.00	25.23 0.06 0.00	21.33 -0.05 0.00	20.76 -0.08 0.00
BAYONEEC___CTG1 323682	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG10 323750	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG2 323683	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG3 323684	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG4 323685	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG5 323686	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG6 323687	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG7 323688	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG8 323689	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00
BAYONEEC___CTG9 323749	23.57 1.15 0.00	21.57 0.99 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.77 0.98 0.00	18.44 1.20 0.00	20.26 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.53 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.26 0.00

BEACON___LESR 323632	23.19 0.76 0.00	21.27 0.69 0.00	19.43 0.68 0.00	18.60 0.64 0.00	19.51 0.68 0.00	19.25 0.66 0.00	18.42 0.64 0.00	19.42 0.63 0.00	17.87 0.63 0.00	19.65 0.55 0.00	17.26 0.59 0.00	17.54 0.60 0.00	17.84 0.66 0.00	18.01 0.67 0.00	18.27 0.70 0.00	20.10 0.66 0.00	18.99 0.69 0.00	19.19 0.65 0.00	20.18 0.68 0.00	24.71 0.85 0.00	24.54 0.80 0.00	26.04 0.87 0.00	21.97 0.59 0.00	21.40 0.56 0.00
BEAVER RIVER___HYD 24048	22.87 0.45 0.00	20.95 0.37 0.00	19.07 0.32 0.00	18.37 0.41 0.00	19.30 0.47 0.00	19.02 0.43 0.00	18.16 0.37 0.00	19.20 0.41 0.00	17.63 0.39 0.00	19.44 0.34 0.00	16.87 0.20 0.00	17.06 0.11 0.00	17.20 0.01 0.00	17.26 -0.07 0.00	17.43 -0.14 0.00	19.26 -0.17 0.00	18.19 -0.09 0.00	18.65 0.12 0.00	19.81 0.31 0.00	24.47 0.62 0.00	24.56 0.83 0.00	26.09 0.92 0.00	22.13 0.75 0.00	21.48 0.65 0.00
BEEBEE_GT_13 23619	22.44 0.01 0.00	20.44 -0.13 0.00	18.58 -0.16 0.00	17.81 -0.15 0.00	18.71 -0.12 0.00	18.46 -0.13 0.00	17.46 -0.32 0.00	18.43 -0.35 0.00	16.93 -0.31 0.00	18.82 -0.28 0.00	16.52 -0.15 0.00	16.73 -0.22 0.00	16.94 -0.24 0.00	17.08 -0.25 0.00	17.34 -0.23 0.00	19.16 -0.28 0.00	18.06 -0.23 0.00	18.44 -0.09 0.00	19.41 -0.10 0.00	23.68 -0.17 0.00	23.65 -0.09 0.00	25.03 -0.14 0.00	21.21 -0.17 0.00	20.63 -0.20 0.00
BENSHRST_27_KV_BENSHRST_1 355998	23.83 1.41 0.00	21.80 1.22 0.00	19.83 1.09 0.00	18.97 1.01 0.00	19.82 0.99 0.00	19.57 0.97 0.00	18.86 1.08 0.00	19.95 1.16 0.00	18.62 1.38 0.00	20.46 1.36 0.00	18.11 1.44 0.00	18.44 1.50 0.00	18.78 1.60 0.00	18.93 1.60 0.00	19.33 1.69 -0.06	21.24 1.80 0.00	20.22 1.76 -0.17	20.28 1.75 0.00	21.33 1.82 0.00	26.02 2.17 0.00	25.72 1.99 0.00	27.18 2.01 0.00	22.99 1.61 0.00	22.33 1.49 0.00
BETHLEHEM___GRP 23843	22.90 0.48 0.00	21.02 0.44 0.00	19.21 0.47 0.00	18.40 0.45 0.00	19.30 0.47 0.00	19.04 0.45 0.00	18.22 0.43 0.00	19.17 0.38 0.00	17.61 0.36 0.00	19.35 0.25 0.00	17.00 0.34 0.00	17.28 0.34 0.00	17.58 0.40 0.00	17.74 0.41 0.00	18.00 0.42 0.00	19.79 0.36 0.00	18.69 0.40 0.00	18.87 0.33 0.00	19.83 0.32 0.00	24.27 0.42 0.00	24.10 0.36 0.00	25.58 0.41 0.00	21.61 0.24 0.00	21.05 0.22 0.00
BETHLEHEM___GS1 323560	22.90 0.48 0.00	21.02 0.44 0.00	19.21 0.47 0.00	18.40 0.45 0.00	19.30 0.47 0.00	19.04 0.45 0.00	18.22 0.43 0.00	19.17 0.39 0.00	17.61 0.36 0.00	19.35 0.25 0.00	17.00 0.34 0.00	17.28 0.34 0.00	17.58 0.40 0.00	17.74 0.41 0.00	18.00 0.42 0.00	19.79 0.36 0.00	18.68 0.39 0.00	18.87 0.33 0.00	19.83 0.32 0.00	24.27 0.42 0.00	24.10 0.36 0.00	25.58 0.41 0.00	21.62 0.24 0.00	21.05 0.22 0.00
BETHLEHEM___GS2 323561	22.90 0.48 0.00	21.02 0.44 0.00	19.21 0.47 0.00	18.40 0.45 0.00	19.30 0.47 0.00	19.04 0.45 0.00	18.22 0.43 0.00	19.17 0.39 0.00	17.61 0.36 0.00	19.35 0.25 0.00	17.00 0.34 0.00	17.28 0.34 0.00	17.58 0.40 0.00	17.74 0.41 0.00	18.00 0.42 0.00	19.79 0.36 0.00	18.68 0.39 0.00	18.87 0.33 0.00	19.83 0.32 0.00	24.27 0.42 0.00	24.10 0.36 0.00	25.58 0.41 0.00	21.62 0.24 0.00	21.05 0.22 0.00
BETHLEHEM___GS3 323562	22.90 0.48 0.00	21.02 0.44 0.00	19.21 0.47 0.00	18.40 0.45 0.00	19.30 0.47 0.00	19.04 0.45 0.00	18.22 0.43 0.00	19.17 0.39 0.00	17.61 0.36 0.00	19.35 0.25 0.00	17.00 0.34 0.00	17.28 0.34 0.00	17.58 0.40 0.00	17.74 0.41 0.00	18.00 0.42 0.00	19.79 0.36 0.00	18.68 0.39 0.00	18.87 0.33 0.00	19.83 0.32 0.00	24.27 0.42 0.00	24.10 0.36 0.00	25.58 0.41 0.00	21.62 0.24 0.00	21.05 0.22 0.00
BETHLEHEM___STEEL 23779	22.42 -0.01 0.00	20.38 -0.20 0.00	18.52 -0.23 0.00	17.75 -0.20 0.00	18.68 -0.15 0.00	18.39 -0.20 0.00	17.27 -0.51 0.00	18.25 -0.54 0.00	16.84 -0.40 0.00	18.79 -0.31 0.00	16.56 -0.11 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.27 0.00	17.30 -0.28 0.00	19.07 -0.36 0.00	17.98 -0.31 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.29 0.00	23.55 -0.19 0.00	24.88 -0.29 0.00	21.07 -0.31 0.00	20.54 -0.30 0.00
BETHLHEM_115KV_TB1 79974	22.94 0.52 0.00	21.05 0.47 0.00	19.24 0.49 0.00	18.42 0.47 0.00	19.32 0.49 0.00	19.06 0.47 0.00	18.24 0.46 0.00	19.21 0.42 0.00	17.66 0.41 0.00	19.41 0.31 0.00	17.05 0.39 0.00	17.33 0.39 0.00	17.63 0.45 0.00	17.79 0.45 0.00	18.05 0.47 0.00	19.85 0.42 0.00	18.74 0.45 0.00	18.92 0.39 0.00	19.89 0.39 0.00	24.34 0.49 0.00	24.17 0.43 0.00	25.66 0.49 0.00	21.68 0.30 0.00	21.12 0.29 0.00
BETHPAGE_CC_5 323564	28.84 1.59 -4.82	21.90 1.33 0.00	19.92 1.17 0.00	19.06 1.10 0.00	19.94 1.11 0.00	19.69 1.10 0.00	45.84 1.26 -26.80	20.09 1.31 0.00	20.16 1.49 -1.43	21.16 1.47 -0.59	22.96 1.48 -4.81	28.08 1.50 -9.64	23.85 1.60 -5.06	18.80 1.46 0.00	19.15 1.58 0.00	21.14 1.70 0.00	19.86 1.57 0.00	20.12 1.58 0.00	21.61 1.73 -0.38	26.62 2.16 -0.61	25.73 2.00 0.00	27.47 2.07 -0.23	26.16 1.75 -3.03	22.38 1.54 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.46 0.04 0.00	20.42 -0.16 0.00	18.55 -0.19 0.00	17.78 -0.17 0.00	18.71 -0.12 0.00	18.42 -0.17 0.00	17.31 -0.47 0.00	18.30 -0.49 0.00	16.89 -0.36 0.00	18.83 -0.27 0.00	16.61 -0.06 0.00	16.81 -0.14 0.00	17.00 -0.18 0.00	17.12 -0.21 0.00	17.35 -0.23 0.00	19.14 -0.30 0.00	18.05 -0.24 0.00	18.48 -0.05 0.00	19.42 -0.09 0.00	23.64 -0.21 0.00	23.62 -0.11 0.00	24.96 -0.21 0.00	21.13 -0.25 0.00	20.60 -0.24 0.00
BINGHAMTON___COGEN 23790	22.70 0.28 0.00	20.76 0.18 0.00	18.86 0.12 0.00	18.06 0.11 0.00	18.95 0.12 0.00	18.70 0.11 0.00	17.87 0.08 0.00	18.91 0.12 0.00	17.46 0.21 0.00	19.31 0.21 0.00	16.93 0.26 0.00	17.19 0.24 0.00	17.41 0.23 0.00	17.56 0.22 0.00	17.82 0.24 0.00	19.73 0.29 0.00	18.59 0.30 0.00	18.89 0.35 0.00	19.89 0.39 0.00	24.34 0.49 0.00	24.19 0.46 0.00	25.56 0.39 0.00	21.70 0.32 0.00	21.10 0.27 0.00
BIXINCNT_115KV_LOAD 355685	22.59 0.17 0.00	20.55 -0.03 0.00	18.70 -0.05 0.00	17.93 -0.03 0.00	18.85 0.02 0.00	18.52 -0.07 0.00	17.38 -0.41 0.00	18.40 -0.39 0.00	17.03 -0.21 0.00	18.93 -0.17 0.00	16.78 0.11 0.00	16.95 0.00 0.00	17.07 -0.11 0.00	17.16 -0.17 0.00	17.42 -0.15 0.00	19.18 -0.25 0.00	18.11 -0.18 0.00	18.55 0.02 0.00	19.54 0.04 0.00	23.87 0.01 0.00	23.87 0.14 0.00	25.25 0.08 0.00	21.37 -0.01 0.00	20.83 -0.01 0.00
BLACK RIVER___HYD 24047	23.01 0.58 0.00	21.04 0.46 0.00	19.13 0.39 0.00	18.45 0.49 0.00	19.39 0.56 0.00	19.12 0.53 0.00	18.24 0.46 0.00	19.26 0.47 0.00	17.68 0.44 0.00	19.42 0.32 0.00	16.83 0.16 0.00	17.00 0.05 0.00	17.11 -0.07 0.00	17.15 -0.18 0.00	17.31 -0.27 0.00	19.14 -0.30 0.00	18.10 -0.19 0.00	18.62 0.08 0.00	19.81 0.31 0.00	24.54 0.68 0.00	24.75 1.02 0.00	26.32 1.15 0.00	22.33 0.94 0.00	21.64 0.81 0.00

BLACKRVR_115KV_TB2 79977	23.01 0.58 0.00	21.04 0.46 0.00	19.13 0.39 0.00	18.45 0.49 0.00	19.39 0.56 0.00	19.12 0.52 0.00	18.24 0.46 0.00	19.26 0.47 0.00	17.68 0.44 0.00	19.42 0.32 0.00	16.83 0.16 0.00	17.00 0.05 0.00	17.11 -0.07 0.00	17.15 -0.18 0.00	17.31 -0.27 0.00	19.14 -0.30 0.00	18.10 -0.19 0.00	18.62 0.08 0.00	19.81 0.31 0.00	24.54 0.68 0.00	24.75 1.02 0.00	26.32 1.15 0.00	22.33 0.94 0.00	21.64 0.81 0.00
BLISS_WT_PWR 323608	22.54 0.12 0.00	20.50 -0.08 0.00	18.67 -0.08 0.00	17.90 -0.05 0.00	18.83 0.00 0.00	18.48 -0.11 0.00	17.32 -0.47 0.00	18.33 -0.46 0.00	16.98 -0.26 0.00	18.87 -0.23 0.00	16.73 0.06 0.00	16.91 -0.04 0.00	17.01 -0.17 0.00	17.10 -0.24 0.00	17.36 -0.22 0.00	19.10 -0.33 0.00	18.06 -0.23 0.00	18.49 -0.05 0.00	19.50 -0.01 0.00	23.83 -0.03 0.00	23.86 0.13 0.00	25.25 0.08 0.00	21.38 0.00 0.00	20.83 0.00 0.00
BLUE_CIRC_CHEM_DRP 24182	23.17 0.75 0.00	21.27 0.69 0.00	19.43 0.69 0.00	18.62 0.66 0.00	19.53 0.70 0.00	19.27 0.68 0.00	18.43 0.65 0.00	19.41 0.62 0.00	17.86 0.61 0.00	19.64 0.53 0.00	17.21 0.54 0.00	17.49 0.55 0.00	17.79 0.60 0.00	17.95 0.61 0.00	18.22 0.64 0.00	20.04 0.60 0.00	18.92 0.63 0.00	19.12 0.59 0.00	20.10 0.59 0.00	24.61 0.75 0.00	24.45 0.72 0.00	25.96 0.79 0.00	21.95 0.57 0.00	21.38 0.55 0.00
BOC_GAS_DRP 24189	23.02 0.60 0.00	21.12 0.54 0.00	19.28 0.54 0.00	18.47 0.51 0.00	19.36 0.53 0.00	19.11 0.51 0.00	18.29 0.51 0.00	19.28 0.49 0.00	17.79 0.54 0.00	19.57 0.47 0.00	17.19 0.52 0.00	17.46 0.52 0.00	17.77 0.58 0.00	17.92 0.58 0.00	18.19 0.61 0.00	20.02 0.58 0.00	18.89 0.60 0.00	19.09 0.55 0.00	20.06 0.55 0.00	24.54 0.69 0.00	24.37 0.64 0.00	25.86 0.69 0.00	21.87 0.49 0.00	21.30 0.47 0.00
BOONVILLE_115KV_TB1 79983	22.90 0.48 0.00	20.98 0.40 0.00	19.10 0.35 0.00	18.35 0.39 0.00	19.26 0.43 0.00	19.00 0.41 0.00	18.16 0.37 0.00	19.19 0.40 0.00	17.64 0.40 0.00	19.48 0.38 0.00	16.95 0.29 0.00	17.18 0.23 0.00	17.38 0.20 0.00	17.49 0.15 0.00	17.70 0.12 0.00	19.57 0.14 0.00	18.47 0.18 0.00	18.82 0.29 0.00	19.92 0.42 0.00	24.50 0.64 0.00	24.46 0.72 0.00	25.95 0.78 0.00	22.02 0.64 0.00	21.39 0.56 0.00
BORALEX_4TH_BRANCH 23824	23.58 1.16 0.00	21.73 1.15 0.00	19.92 1.17 0.00	19.08 1.13 0.00	20.05 1.22 0.00	19.79 1.20 0.00	18.84 1.06 0.00	19.79 1.00 0.00	18.32 1.07 0.00	20.08 0.98 0.00	17.63 0.97 0.00	17.88 0.93 0.00	18.19 1.01 0.00	18.34 1.01 0.00	18.57 1.00 0.00	20.35 0.92 0.00	19.22 0.94 0.00	19.30 0.77 0.00	20.23 0.73 0.00	24.85 1.00 0.00	24.69 0.95 0.00	26.35 1.18 0.00	22.25 0.87 0.00	21.74 0.91 0.00
BOWLINE___1 23526	23.48 1.06 0.00	21.48 0.91 0.00	19.55 0.81 0.00	18.70 0.75 0.00	19.56 0.74 0.00	19.31 0.72 0.00	18.57 0.79 0.00	19.65 0.86 0.00	18.28 1.04 0.00	20.11 1.01 0.00	17.75 1.09 0.00	18.07 1.13 0.00	18.41 1.23 0.00	18.55 1.22 0.00	18.88 1.31 0.00	20.83 1.40 0.00	19.66 1.37 0.00	19.90 1.36 0.00	20.91 1.41 0.00	25.54 1.69 0.00	25.29 1.56 0.00	26.75 1.57 0.00	22.61 1.23 0.00	21.98 1.15 0.00
BOWLINE___2 23595	23.48 1.06 0.00	21.48 0.91 0.00	19.55 0.81 0.00	18.70 0.75 0.00	19.57 0.74 0.00	19.31 0.72 0.00	18.57 0.79 0.00	19.65 0.86 0.00	18.28 1.04 0.00	20.11 1.01 0.00	17.75 1.09 0.00	18.07 1.13 0.00	18.41 1.23 0.00	18.55 1.22 0.00	18.88 1.31 0.00	20.83 1.40 0.00	19.66 1.37 0.00	19.90 1.36 0.00	20.91 1.41 0.00	25.54 1.69 0.00	25.29 1.56 0.00	26.75 1.58 0.00	22.61 1.23 0.00	21.98 1.15 0.00
BRADY___115KV_TB2 356060	22.51 0.08 0.00	20.70 0.11 0.00	18.85 0.10 0.00	18.07 0.11 0.00	18.95 0.12 0.00	18.69 0.10 0.00	17.90 0.12 0.00	19.00 0.22 0.00	17.36 0.11 0.00	19.38 0.28 0.00	16.80 0.14 0.00	17.07 0.12 0.00	17.23 0.05 0.00	17.40 0.07 0.00	17.59 0.02 0.00	19.45 0.02 0.00	18.31 0.03 0.00	18.64 0.11 0.00	19.60 0.10 0.00	24.05 0.20 0.00	24.04 0.31 0.00	25.52 0.35 0.00	21.59 0.21 0.00	21.02 0.19 0.00
BRANSCOMB___SOLAR 323811	23.76 1.34 0.00	21.80 1.22 0.00	19.91 1.16 0.00	19.07 1.12 0.00	20.03 1.20 0.00	19.77 1.18 0.00	18.92 1.13 0.00	19.93 1.15 0.00	18.38 1.14 0.00	20.17 1.07 0.00	17.66 0.99 0.00	17.92 0.98 0.00	18.24 1.07 0.00	18.39 1.06 0.00	18.60 1.02 0.00	20.44 1.00 0.00	19.39 1.10 0.00	19.71 1.17 0.00	20.70 1.19 0.00	25.36 1.50 0.00	25.22 1.48 0.00	26.77 1.60 0.00	22.59 1.22 0.00	22.02 1.19 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	28.98 1.73 -4.82	22.00 1.42 0.00	20.02 1.28 0.00	19.16 1.20 0.00	20.04 1.21 0.00	19.80 1.21 0.00	45.98 1.40 -26.80	20.20 1.42 0.00	20.27 1.59 -1.43	21.25 1.56 -0.59	23.02 1.54 -4.81	28.13 1.55 -9.64	23.90 1.66 -5.06	18.86 1.52 0.00	19.20 1.63 0.00	21.21 1.78 0.00	19.97 1.68 0.00	20.24 1.70 0.00	21.75 1.87 -0.38	26.83 2.37 -0.61	25.94 2.21 0.00	27.66 2.26 -0.23	26.29 1.88 -3.03	22.49 1.66 0.00
BRISTLHL_115KV_TB1 79998	22.25 -0.17 0.00	20.37 -0.21 0.00	18.54 -0.21 0.00	17.76 -0.20 0.00	18.64 -0.19 0.00	18.39 -0.20 0.00	17.56 -0.23 0.00	18.52 -0.27 0.00	16.98 -0.27 0.00	18.76 -0.34 0.00	16.32 -0.35 0.00	16.57 -0.37 0.00	16.79 -0.39 0.00	16.94 -0.39 0.00	17.19 -0.39 0.00	19.09 -0.34 0.00	17.99 -0.30 0.00	18.22 -0.31 0.00	19.19 -0.32 0.00	23.46 -0.39 0.00	23.38 -0.35 0.00	24.80 -0.37 0.00	21.15 -0.23 0.00	20.61 -0.23 0.00
BROOKHAVEN___DRP 24191	28.66 1.42 -4.82	21.70 1.12 0.00	19.78 1.04 0.00	18.95 1.00 0.00	19.84 1.01 0.00	19.61 1.01 0.00	45.91 1.33 -26.80	20.02 1.23 0.00	20.07 1.40 -1.43	20.99 1.30 -0.59	22.76 1.28 -4.81	27.87 1.28 -9.64	23.63 1.38 -5.06	18.59 1.26 0.00	18.93 1.35 0.00	20.89 1.45 0.00	19.68 1.39 0.00	19.94 1.41 0.00	21.47 1.59 -0.38	26.53 2.07 -0.61	25.63 1.90 0.00	27.32 1.92 -0.23	26.01 1.60 -3.03	22.20 1.37 0.00
BROOKLYN_NAVY_YARD 23515	23.56 1.14 0.00	21.57 0.99 0.00	19.64 0.89 0.00	18.79 0.84 0.00	19.63 0.81 0.00	19.39 0.80 0.00	18.69 0.91 0.00	19.76 0.97 0.00	18.44 1.19 0.00	20.26 1.16 0.00	17.91 1.24 0.00	18.24 1.30 0.00	18.58 1.39 0.00	18.72 1.38 0.00	19.11 1.47 -0.06	20.99 1.56 0.00	19.99 1.53 -0.18	20.03 1.50 0.00	21.06 1.56 0.00	25.69 1.84 0.00	25.43 1.70 0.00	26.88 1.71 0.00	22.75 1.36 0.00	22.09 1.26 0.00
BROOKLYN___ARMY_DRP 323595	23.71 1.28 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00





CASSADAGA_WT_PWR 323784	22.52 0.10 0.00	20.54 -0.04 0.00	18.77 0.02 0.00	18.02 0.06 0.00	18.96 0.13 0.00	18.58 -0.01 0.00	17.40 -0.38 0.00	18.52 -0.27 0.00	17.28 0.04 0.00	19.38 0.28 0.00	17.14 0.47 0.00	17.30 0.35 0.00	17.28 0.09 0.00	17.29 -0.05 0.00	17.53 -0.05 0.00	19.39 -0.05 0.00	18.48 0.19 0.00	18.94 0.41 0.00	19.94 0.44 0.00	24.41 0.56 0.00	24.27 0.53 0.00	25.45 0.29 0.00	21.52 0.14 0.00	21.00 0.17 0.00
CE_DUNWOOD___DRP 24194	23.55 1.13 0.00	21.55 0.98 0.00	19.62 0.88 0.00	18.78 0.82 0.00	19.64 0.81 0.00	19.39 0.79 0.00	18.66 0.88 0.00	19.73 0.94 0.00	18.38 1.13 0.00	20.21 1.11 0.00	17.84 1.18 0.00	18.17 1.22 0.00	18.50 1.32 0.00	18.65 1.31 0.00	18.97 1.39 0.00	20.92 1.49 0.00	19.74 1.45 0.00	19.97 1.43 0.00	20.99 1.49 0.00	25.64 1.79 0.00	25.39 1.65 0.00	26.84 1.67 0.00	22.69 1.31 0.00	22.04 1.22 0.00
CE_MILLWOOD___DRP 24193	23.53 1.11 0.00	21.53 0.95 0.00	19.60 0.85 0.00	18.75 0.80 0.00	19.61 0.79 0.00	19.36 0.77 0.00	18.64 0.86 0.00	19.71 0.92 0.00	18.35 1.10 0.00	20.17 1.07 0.00	17.81 1.15 0.00	18.13 1.19 0.00	18.47 1.29 0.00	18.61 1.27 0.00	18.94 1.36 0.00	20.88 1.45 0.00	19.70 1.41 0.00	19.94 1.40 0.00	20.95 1.45 0.00	25.59 1.74 0.00	25.34 1.61 0.00	26.80 1.63 0.00	22.66 1.28 0.00	22.01 1.18 0.00
CE_NYC2_DRP 24202	23.59 1.17 0.00	21.60 1.02 0.00	19.66 0.92 0.00	18.81 0.86 0.00	19.66 0.83 0.00	19.42 0.83 0.00	18.72 0.93 0.00	19.79 1.01 0.00	18.48 1.23 0.00	20.29 1.19 0.00	17.95 1.29 0.00	18.28 1.34 0.00	18.61 1.43 0.00	18.76 1.42 0.00	19.15 1.51 -0.06	21.04 1.60 0.00	20.02 1.56 -0.17	20.08 1.54 0.00	21.11 1.61 0.00	25.75 1.90 0.00	25.48 1.74 0.00	26.93 1.76 0.00	22.78 1.39 0.00	22.12 1.29 0.00
CE_NYC_DRP 24195	23.58 1.16 0.00	21.57 0.99 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.92 0.00	19.78 0.99 0.00	18.46 1.21 0.00	20.28 1.18 0.00	17.94 1.28 0.00	18.27 1.32 0.00	18.61 1.43 0.00	18.75 1.42 0.00	19.15 1.51 -0.06	21.03 1.59 0.00	20.03 1.57 -0.18	20.07 1.53 0.00	21.10 1.60 0.00	25.74 1.89 0.00	25.48 1.74 0.00	26.91 1.75 0.00	22.76 1.38 0.00	22.11 1.27 0.00
CHAFFEE___LFGE 323603	22.45 0.03 0.00	20.40 -0.18 0.00	18.54 -0.21 0.00	17.77 -0.18 0.00	18.70 -0.13 0.00	18.40 -0.19 0.00	17.29 -0.50 0.00	18.29 -0.49 0.00	16.89 -0.36 0.00	18.82 -0.28 0.00	16.59 -0.07 0.00	16.79 -0.15 0.00	16.98 -0.20 0.00	17.11 -0.23 0.00	17.34 -0.24 0.00	19.11 -0.32 0.00	18.03 -0.25 0.00	18.47 -0.07 0.00	19.41 -0.09 0.00	23.65 -0.20 0.00	23.64 -0.10 0.00	24.97 -0.20 0.00	21.14 -0.23 0.00	20.60 -0.23 0.00
CHATEAUG_35_KV_LOAD 355732	22.69 0.27 0.00	20.85 0.28 0.00	18.94 0.20 0.00	18.15 0.20 0.00	19.05 0.22 0.00	18.83 0.24 0.00	18.13 0.34 0.00	19.23 0.44 0.00	17.64 0.39 0.00	19.71 0.60 0.00	17.05 0.39 0.00	17.26 0.32 0.00	17.50 0.32 0.00	17.62 0.28 0.00	17.79 0.21 0.00	19.59 0.16 0.00	18.49 0.20 0.00	18.79 0.26 0.00	19.83 0.33 0.00	24.29 0.43 0.00	24.17 0.44 0.00	25.60 0.43 0.00	21.56 0.18 0.00	21.05 0.22 0.00
CHATEAUG_WT_PWR 323614	22.69 0.27 0.00	20.87 0.29 0.00	18.96 0.22 0.00	18.17 0.21 0.00	19.07 0.24 0.00	18.85 0.26 0.00	18.14 0.36 0.00	19.23 0.44 0.00	17.65 0.40 0.00	19.71 0.61 0.00	17.07 0.40 0.00	17.26 0.32 0.00	17.51 0.33 0.00	17.63 0.29 0.00	17.79 0.22 0.00	19.60 0.16 0.00	18.50 0.21 0.00	18.79 0.26 0.00	19.84 0.34 0.00	24.29 0.44 0.00	24.16 0.42 0.00	25.57 0.40 0.00	21.55 0.17 0.00	21.06 0.22 0.00
CHAT_HIGH_FALL_HYD 323578	22.69 0.27 0.00	20.85 0.28 0.00	18.94 0.20 0.00	18.15 0.20 0.00	19.05 0.22 0.00	18.83 0.24 0.00	18.13 0.34 0.00	19.23 0.44 0.00	17.64 0.39 0.00	19.71 0.60 0.00	17.05 0.39 0.00	17.26 0.32 0.00	17.50 0.32 0.00	17.62 0.28 0.00	17.79 0.21 0.00	19.59 0.16 0.00	18.49 0.20 0.00	18.79 0.26 0.00	19.83 0.33 0.00	24.29 0.43 0.00	24.17 0.44 0.00	25.60 0.43 0.00	21.56 0.18 0.00	21.05 0.22 0.00
CHAUTAUQUA___LFGE 323629	22.56 0.13 0.00	20.52 -0.06 0.00	18.67 -0.07 0.00	17.90 -0.05 0.00	18.84 0.01 0.00	18.51 -0.08 0.00	17.41 -0.38 0.00	18.48 -0.31 0.00	17.16 -0.09 0.00	19.17 0.07 0.00	16.94 0.27 0.00	17.14 0.20 0.00	17.25 0.07 0.00	17.32 -0.02 0.00	17.53 -0.05 0.00	19.37 -0.06 0.00	18.38 0.09 0.00	18.80 0.26 0.00	19.77 0.26 0.00	24.15 0.29 0.00	24.04 0.30 0.00	25.28 0.11 0.00	21.39 0.01 0.00	20.86 0.03 0.00
CHERRYST_13_KV_LD 356241	23.63 1.21 0.00	21.63 1.05 0.00	19.70 0.95 0.00	18.85 0.89 0.00	19.70 0.87 0.00	19.45 0.86 0.00	18.75 0.96 0.00	19.83 1.04 0.00	18.50 1.25 0.00	20.33 1.23 0.00	17.99 1.33 0.00	18.32 1.37 0.00	18.66 1.48 0.00	18.80 1.47 0.00	19.20 1.56 -0.06	21.09 1.65 0.00	20.09 1.62 -0.18	20.12 1.59 0.00	21.16 1.66 0.00	25.81 1.96 0.00	25.54 1.81 0.00	26.99 1.82 0.00	22.82 1.44 0.00	22.16 1.33 0.00
CHESTROR_138KV_BK263 355645	23.43 1.00 0.00	21.43 0.86 0.00	19.51 0.76 0.00	18.67 0.71 0.00	19.53 0.71 0.00	19.28 0.69 0.00	18.53 0.75 0.00	19.59 0.80 0.00	18.19 0.95 0.00	20.01 0.91 0.00	17.64 0.97 0.00	17.95 1.01 0.00	18.27 1.09 0.00	18.42 1.09 0.00	18.74 1.16 0.00	20.68 1.24 0.00	19.51 1.22 0.00	19.76 1.22 0.00	20.78 1.28 0.00	25.40 1.55 0.00	25.17 1.43 0.00	26.63 1.46 0.00	22.51 1.14 0.00	21.89 1.06 0.00
CH_MIDHUDSON___DRP 24192	23.56 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.69 0.91 0.00	19.75 0.96 0.00	18.37 1.12 0.00	20.19 1.09 0.00	17.80 1.14 0.00	18.11 1.17 0.00	18.45 1.27 0.00	18.59 1.26 0.00	18.92 1.34 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.95 1.44 0.00	25.59 1.74 0.00	25.35 1.62 0.00	26.82 1.65 0.00	22.67 1.29 0.00	22.03 1.20 0.00
CH_MISC_IPPS 23765	23.68 1.26 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
CH_RES_BVR_FALLS 23983	22.13 -0.29 0.00	20.34 -0.23 0.00	18.54 -0.21 0.00	17.78 -0.17 0.00	18.65 -0.18 0.00	18.40 -0.19 0.00	17.60 -0.18 0.00	18.63 -0.15 0.00	17.08 -0.17 0.00	19.00 -0.10 0.00	16.54 -0.13 0.00	16.81 -0.14 0.00	17.01 -0.17 0.00	17.15 -0.18 0.00	17.35 -0.22 0.00	19.16 -0.27 0.00	18.03 -0.26 0.00	18.34 -0.19 0.00	19.31 -0.19 0.00	23.63 -0.22 0.00	23.55 -0.18 0.00	24.98 -0.19 0.00	21.20 -0.18 0.00	20.65 -0.18 0.00

CH_RES_NIAGARA 23895	21.86 -0.56 0.00	19.88 -0.69 0.00	18.06 -0.68 0.00	17.32 -0.64 0.00	18.24 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.74 -1.05 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.06 -0.61 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.39 -0.89 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.86 -0.97 0.00
CH_RES_SYRACUSE 23985	22.39 -0.03 0.00	20.49 -0.09 0.00	18.65 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.50 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.31 -0.13 0.00	18.21 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
CLINTON_WT_PWR 323605	22.69 0.27 0.00	20.87 0.29 0.00	18.96 0.22 0.00	18.17 0.21 0.00	19.07 0.24 0.00	18.85 0.26 0.00	18.14 0.36 0.00	19.23 0.44 0.00	17.65 0.40 0.00	19.71 0.61 0.00	17.07 0.40 0.00	17.26 0.32 0.00	17.51 0.33 0.00	17.63 0.29 0.00	17.79 0.22 0.00	19.60 0.16 0.00	18.50 0.21 0.00	18.79 0.26 0.00	19.84 0.34 0.00	24.29 0.44 0.00	24.16 0.42 0.00	25.57 0.40 0.00	21.55 0.17 0.00	21.06 0.22 0.00
CLINTON___LFGE 323618	22.93 0.50 0.00	21.08 0.50 0.00	19.16 0.41 0.00	18.35 0.40 0.00	19.26 0.43 0.00	19.05 0.46 0.00	18.35 0.57 0.00	19.45 0.66 0.00	17.88 0.64 0.00	19.96 0.86 0.00	17.28 0.62 0.00	17.47 0.53 0.00	17.72 0.54 0.00	17.80 0.46 0.00	17.97 0.39 0.00	19.77 0.34 0.00	18.68 0.40 0.00	18.98 0.44 0.00	20.08 0.57 0.00	24.60 0.75 0.00	24.45 0.72 0.00	25.88 0.71 0.00	21.78 0.40 0.00	21.30 0.47 0.00
COBBLENY_34_KV_TB1 80064	22.44 0.02 0.00	20.40 -0.18 0.00	18.54 -0.21 0.00	17.77 -0.19 0.00	18.70 -0.13 0.00	18.40 -0.19 0.00	17.29 -0.50 0.00	18.29 -0.50 0.00	16.88 -0.36 0.00	18.82 -0.28 0.00	16.60 -0.06 0.00	16.79 -0.15 0.00	16.98 -0.20 0.00	17.11 -0.23 0.00	17.34 -0.24 0.00	19.11 -0.32 0.00	18.02 -0.26 0.00	18.47 -0.07 0.00	19.41 -0.09 0.00	23.65 -0.20 0.00	23.63 -0.10 0.00	24.97 -0.20 0.00	21.14 -0.24 0.00	20.60 -0.23 0.00
COFFEEN___115KV_TB3 355620	23.16 0.73 0.00	21.17 0.59 0.00	19.25 0.50 0.00	18.54 0.58 0.00	19.49 0.66 0.00	19.22 0.63 0.00	18.34 0.56 0.00	19.36 0.57 0.00	17.77 0.52 0.00	19.48 0.38 0.00	16.87 0.20 0.00	17.02 0.07 0.00	17.13 -0.05 0.00	17.18 -0.16 0.00	17.31 -0.26 0.00	19.15 -0.28 0.00	18.11 -0.18 0.00	18.65 0.12 0.00	19.86 0.36 0.00	24.64 0.78 0.00	24.93 1.19 0.00	26.52 1.35 0.00	22.48 1.10 0.00	21.77 0.94 0.00
COLDSPRG_115KV_BK1 355956	22.93 0.51 0.00	20.88 0.30 0.00	18.99 0.24 0.00	18.20 0.25 0.00	19.15 0.32 0.00	18.82 0.23 0.00	17.73 -0.05 0.00	18.88 0.09 0.00	17.53 0.29 0.00	19.58 0.48 0.00	17.33 0.67 0.00	17.50 0.56 0.00	17.57 0.39 0.00	17.66 0.32 0.00	17.89 0.31 0.00	19.78 0.35 0.00	18.73 0.45 0.00	19.17 0.63 0.00	20.15 0.65 0.00	24.63 0.78 0.00	24.50 0.76 0.00	25.77 0.60 0.00	21.78 0.40 0.00	21.23 0.40 0.00
COLONIE_LFGE___ 323577	23.37 0.95 0.00	21.47 0.89 0.00	19.63 0.88 0.00	18.79 0.84 0.00	19.73 0.90 0.00	19.47 0.88 0.00	18.61 0.83 0.00	19.60 0.81 0.00	18.10 0.86 0.00	19.89 0.79 0.00	17.45 0.79 0.00	17.72 0.78 0.00	18.03 0.85 0.00	18.19 0.85 0.00	18.43 0.85 0.00	20.24 0.81 0.00	19.12 0.83 0.00	19.31 0.78 0.00	20.28 0.78 0.00	24.84 0.99 0.00	24.69 0.95 0.00	26.24 1.07 0.00	22.16 0.78 0.00	21.62 0.78 0.00
COOPERNY_115KV_TB1 80082	23.21 0.78 0.00	21.24 0.66 0.00	19.33 0.58 0.00	18.50 0.54 0.00	19.37 0.54 0.00	19.12 0.53 0.00	18.35 0.57 0.00	19.41 0.62 0.00	17.98 0.74 0.00	19.81 0.71 0.00	17.42 0.76 0.00	17.73 0.78 0.00	18.03 0.85 0.00	18.17 0.84 0.00	18.48 0.90 0.00	20.40 0.96 0.00	19.23 0.94 0.00	19.48 0.95 0.00	20.50 0.99 0.00	25.06 1.21 0.00	24.86 1.12 0.00	26.31 1.14 0.00	22.27 0.89 0.00	21.66 0.83 0.00
COPENHAGEN_WT_PWR 323753	22.86 0.44 0.00	20.91 0.33 0.00	19.02 0.27 0.00	18.35 0.40 0.00	19.29 0.46 0.00	19.01 0.42 0.00	18.14 0.35 0.00	19.15 0.36 0.00	17.60 0.35 0.00	19.34 0.24 0.00	16.77 0.10 0.00	16.93 -0.01 0.00	17.04 -0.14 0.00	17.08 -0.26 0.00	17.23 -0.34 0.00	19.05 -0.38 0.00	18.02 -0.27 0.00	18.55 0.02 0.00	19.74 0.23 0.00	24.42 0.56 0.00	24.61 0.87 0.00	26.17 1.00 0.00	22.21 0.83 0.00	21.53 0.70 0.00
CORNELL_____ 23752	22.87 0.45 0.00	20.91 0.33 0.00	19.01 0.26 0.00	18.20 0.24 0.00	19.10 0.27 0.00	18.85 0.26 0.00	18.00 0.22 0.00	19.05 0.26 0.00	17.56 0.31 0.00	19.39 0.29 0.00	16.89 0.22 0.00	17.09 0.14 0.00	17.32 0.13 0.00	17.45 0.11 0.00	17.72 0.14 0.00	19.64 0.21 0.00	18.54 0.25 0.00	18.89 0.36 0.00	19.94 0.44 0.00	24.46 0.60 0.00	24.36 0.62 0.00	25.77 0.60 0.00	21.88 0.50 0.00	21.26 0.43 0.00
CORONA_AV_69_KV_TB1 355595	28.85 1.60 -4.82	21.92 1.34 0.00	19.94 1.19 0.00	19.07 1.12 0.00	19.95 1.12 0.00	19.70 1.11 0.00	45.83 1.25 -26.80	20.10 1.31 0.00	20.17 1.50 -1.43	21.17 1.48 -0.59	22.96 1.48 -4.81	28.12 1.53 -9.64	23.87 1.63 -5.06	18.85 1.52 0.00	19.21 1.64 0.00	21.19 1.76 0.00	19.94 1.65 0.00	20.19 1.66 0.00	21.66 1.77 -0.38	26.66 2.20 -0.61	25.78 2.04 0.00	27.53 2.13 -0.23	26.17 1.76 -3.03	22.42 1.59 0.00
CORTLAND_115KV_TB3 80093	22.73 0.31 0.00	20.78 0.21 0.00	18.91 0.16 0.00	18.10 0.15 0.00	18.99 0.16 0.00	18.75 0.16 0.00	17.91 0.13 0.00	18.94 0.15 0.00	17.44 0.20 0.00	19.28 0.18 0.00	16.81 0.15 0.00	17.05 0.10 0.00	17.26 0.08 0.00	17.41 0.08 0.00	17.67 0.09 0.00	19.59 0.16 0.00	18.46 0.17 0.00	18.78 0.24 0.00	19.79 0.29 0.00	24.25 0.40 0.00	24.15 0.41 0.00	25.56 0.39 0.00	21.72 0.34 0.00	21.12 0.28 0.00
COXSACKIE___GT 23611	23.94 1.52 0.00	21.93 1.35 0.00	20.04 1.30 0.00	19.20 1.25 0.00	20.16 1.33 0.00	19.91 1.32 0.00	19.01 1.22 0.00	19.96 1.17 0.00	18.23 0.98 0.00	20.00 0.90 0.00	17.43 0.77 0.00	17.72 0.78 0.00	17.94 0.75 0.00	18.23 0.90 0.00	18.49 0.92 0.00	20.29 0.85 0.00	19.22 0.93 0.00	19.53 0.99 0.00	20.58 1.08 0.00	25.31 1.45 0.00	25.30 1.56 0.00	26.90 1.73 0.00	22.65 1.27 0.00	22.01 1.18 0.00
CPV_VALLEY___CC1 323721	23.33 0.91 0.00	21.36 0.78 0.00	19.44 0.69 0.00	18.60 0.65 0.00	19.47 0.64 0.00	19.22 0.63 0.00	18.47 0.68 0.00	19.52 0.73 0.00	18.12 0.88 0.00	19.95 0.85 0.00	17.57 0.91 0.00	17.88 0.94 0.00	18.20 1.02 0.00	18.35 1.01 0.00	18.66 1.08 0.00	20.59 1.16 0.00	19.42 1.13 0.00	19.66 1.13 0.00	20.68 1.18 0.00	25.27 1.42 0.00	25.05 1.31 0.00	26.50 1.33 0.00	22.41 1.03 0.00	21.79 0.96 0.00

CPV_VALLEY___CC2 323722	23.33 0.91 0.00	21.36 0.78 0.00	19.44 0.69 0.00	18.60 0.65 0.00	19.47 0.64 0.00	19.22 0.63 0.00	18.47 0.68 0.00	19.52 0.73 0.00	18.12 0.88 0.00	19.95 0.85 0.00	17.57 0.91 0.00	17.88 0.94 0.00	18.20 1.02 0.00	18.35 1.01 0.00	18.66 1.08 0.00	20.59 1.16 0.00	19.42 1.13 0.00	19.66 1.13 0.00	20.68 1.18 0.00	25.27 1.42 0.00	25.05 1.31 0.00	26.50 1.33 0.00	22.41 1.03 0.00	21.79 0.96 0.00
CRESCENT___HYD 24018	23.37 0.95 0.00	21.47 0.89 0.00	19.63 0.88 0.00	18.79 0.84 0.00	19.73 0.90 0.00	19.47 0.88 0.00	18.61 0.83 0.00	19.60 0.81 0.00	18.10 0.86 0.00	19.89 0.79 0.00	17.45 0.79 0.00	17.72 0.78 0.00	18.03 0.85 0.00	18.19 0.85 0.00	18.43 0.85 0.00	20.24 0.81 0.00	19.12 0.83 0.00	19.31 0.78 0.00	20.28 0.78 0.00	24.84 0.99 0.00	24.69 0.95 0.00	26.24 1.07 0.00	22.16 0.78 0.00	21.62 0.78 0.00
CRICKET___VALLEY_CC1 323756	23.33 0.91 0.00	21.41 0.83 0.00	19.51 0.76 0.00	18.68 0.72 0.00	19.55 0.72 0.00	19.31 0.72 0.00	18.58 0.79 0.00	19.60 0.82 0.00	18.23 0.98 0.00	20.01 0.91 0.00	17.64 0.98 0.00	17.93 0.99 0.00	18.27 1.08 0.00	18.41 1.07 0.00	18.72 1.14 0.00	20.59 1.16 0.00	19.43 1.14 0.00	19.64 1.10 0.00	20.62 1.11 0.00	25.19 1.33 0.00	24.97 1.24 0.00	26.44 1.27 0.00	22.36 0.98 0.00	21.75 0.91 0.00
CRICKET___VALLEY_CC2 323757	23.33 0.91 0.00	21.41 0.83 0.00	19.51 0.76 0.00	18.68 0.72 0.00	19.55 0.72 0.00	19.31 0.72 0.00	18.58 0.79 0.00	19.60 0.82 0.00	18.23 0.98 0.00	20.01 0.91 0.00	17.64 0.98 0.00	17.93 0.99 0.00	18.27 1.08 0.00	18.41 1.07 0.00	18.72 1.14 0.00	20.59 1.16 0.00	19.43 1.14 0.00	19.64 1.10 0.00	20.62 1.11 0.00	25.19 1.33 0.00	24.97 1.24 0.00	26.44 1.27 0.00	22.36 0.98 0.00	21.75 0.91 0.00
CRICKET___VALLEY_CC3 323758	23.33 0.91 0.00	21.41 0.83 0.00	19.51 0.76 0.00	18.68 0.72 0.00	19.55 0.72 0.00	19.31 0.72 0.00	18.58 0.79 0.00	19.60 0.82 0.00	18.23 0.98 0.00	20.01 0.91 0.00	17.64 0.98 0.00	17.93 0.99 0.00	18.27 1.08 0.00	18.41 1.07 0.00	18.72 1.14 0.00	20.59 1.16 0.00	19.43 1.14 0.00	19.64 1.10 0.00	20.62 1.11 0.00	25.19 1.33 0.00	24.97 1.24 0.00	26.44 1.27 0.00	22.36 0.98 0.00	21.75 0.91 0.00
CRUCIBLE_METL_DRP 24180	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
DAHOWA___HYDRO 323763	23.89 1.46 0.00	21.91 1.33 0.00	20.01 1.27 0.00	19.17 1.22 0.00	20.13 1.30 0.00	19.87 1.28 0.00	19.02 1.23 0.00	20.05 1.26 0.00	18.49 1.25 0.00	20.29 1.20 0.00	17.75 1.08 0.00	18.01 1.07 0.00	18.33 1.15 0.00	18.47 1.13 0.00	18.66 1.09 0.00	20.50 1.07 0.00	19.48 1.19 0.00	19.83 1.30 0.00	20.82 1.32 0.00	25.51 1.66 0.00	25.38 1.64 0.00	26.92 1.75 0.00	22.71 1.33 0.00	22.15 1.32 0.00
DANC___LFGE 323619	22.59 0.16 0.00	20.67 0.09 0.00	18.81 0.06 0.00	18.09 0.14 0.00	19.00 0.17 0.00	18.74 0.15 0.00	17.89 0.10 0.00	18.88 0.09 0.00	17.33 0.09 0.00	19.08 -0.02 0.00	16.56 -0.10 0.00	16.76 -0.18 0.00	16.91 -0.27 0.00	16.99 -0.34 0.00	17.17 -0.41 0.00	19.00 -0.43 0.00	17.95 -0.34 0.00	18.37 -0.16 0.00	19.48 -0.03 0.00	24.00 0.14 0.00	24.09 0.35 0.00	25.63 0.46 0.00	21.79 0.41 0.00	21.15 0.32 0.00
DANSKAMMER___1 23586	23.68 1.26 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
DANSKAMMER___2 23589	23.68 1.26 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
DANSKAMMER___3 23590	23.68 1.26 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
DANSKAMMER___4 23591	23.68 1.26 0.00	21.67 1.09 0.00	19.72 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
DANSKAMMER___DIESEL 23592	23.68 1.26 0.00	21.67 1.09 0.00	19.73 0.98 0.00	18.87 0.92 0.00	19.75 0.92 0.00	19.50 0.91 0.00	18.76 0.98 0.00	19.83 1.04 0.00	18.44 1.19 0.00	20.27 1.17 0.00	17.88 1.22 0.00	18.20 1.25 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.01 1.44 0.00	20.97 1.54 0.00	19.79 1.50 0.00	20.05 1.52 0.00	21.09 1.59 0.00	25.76 1.91 0.00	25.53 1.79 0.00	26.99 1.82 0.00	22.80 1.42 0.00	22.15 1.32 0.00
DARBY___SOLAR 323810	23.78 1.36 0.00	21.82 1.24 0.00	19.93 1.18 0.00	19.08 1.13 0.00	20.04 1.22 0.00	19.79 1.20 0.00	18.93 1.15 0.00	19.96 1.17 0.00	18.42 1.17 0.00	20.22 1.12 0.00	17.70 1.03 0.00	17.97 1.02 0.00	18.28 1.10 0.00	18.42 1.08 0.00	18.63 1.05 0.00	20.47 1.03 0.00	19.42 1.13 0.00	19.74 1.20 0.00	20.73 1.23 0.00	25.39 1.54 0.00	25.26 1.53 0.00	26.80 1.63 0.00	22.62 1.24 0.00	22.05 1.22 0.00
DASHVILLE___HYD 23610	23.33 0.90 0.00	21.33 0.75 0.00	19.42 0.67 0.00	18.57 0.62 0.00	19.43 0.60 0.00	19.18 0.59 0.00	18.47 0.68 0.00	19.54 0.75 0.00	18.21 0.97 0.00	20.04 0.94 0.00	17.68 1.02 0.00	18.00 1.05 0.00	18.35 1.17 0.00	18.48 1.15 0.00	18.81 1.23 0.00	20.77 1.34 0.00	19.58 1.29 0.00	19.83 1.29 0.00	20.84 1.33 0.00	25.45 1.60 0.00	25.20 1.47 0.00	26.64 1.47 0.00	22.52 1.14 0.00	21.88 1.05 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	29.20 1.96 -4.82	22.18 1.60 0.00	20.22 1.47 0.00	19.37 1.42 0.00	20.29 1.46 0.00	20.05 1.46 0.00	46.39 1.81 -26.80	20.50 1.72 0.00	20.52 1.85 -1.43	21.52 1.82 -0.59	23.22 1.74 -4.81	28.34 1.75 -9.64	24.12 1.87 -5.06	19.10 1.76 0.00	19.46 1.88 0.00	21.51 2.08 0.00	20.30 2.02 0.00	20.62 2.09 0.00	22.19 2.31 -0.38	27.39 2.92 -0.61	26.45 2.71 0.00	28.13 2.73 -0.23	26.64 2.23 -3.03	22.76 1.93 0.00
DELAWARE___LFGE 323621	23.13 0.70 0.00	21.17 0.59 0.00	19.27 0.52 0.00	18.45 0.49 0.00	19.34 0.51 0.00	19.09 0.50 0.00	18.29 0.50 0.00	19.34 0.56 0.00	17.86 0.62 0.00	19.74 0.63 0.00	17.29 0.63 0.00	17.56 0.62 0.00	17.82 0.64 0.00	17.96 0.63 0.00	18.24 0.66 0.00	20.16 0.73 0.00	18.99 0.70 0.00	19.26 0.72 0.00	20.29 0.79 0.00	24.83 0.97 0.00	24.67 0.93 0.00	26.12 0.95 0.00	22.14 0.76 0.00	21.53 0.70 0.00
DERFIELD_115KV_TB7 355931	22.49 0.06 0.00	20.64 0.06 0.00	18.80 0.06 0.00	18.01 0.05 0.00	18.88 0.06 0.00	18.65 0.06 0.00	17.83 0.05 0.00	18.83 0.04 0.00	17.30 0.05 0.00	19.12 0.02 0.00	16.70 0.03 0.00	16.98 0.03 0.00	17.22 0.04 0.00	17.37 0.03 0.00	17.62 0.04 0.00	19.48 0.04 0.00	18.34 0.05 0.00	18.59 0.06 0.00	19.56 0.06 0.00	23.94 0.08 0.00	23.81 0.07 0.00	25.25 0.08 0.00	21.44 0.07 0.00	20.89 0.06 0.00
DOGLEVILLE___HYD 23807	22.49 0.06 0.00	20.61 0.03 0.00	18.83 0.08 0.00	18.03 0.07 0.00	18.91 0.08 0.00	18.68 0.09 0.00	17.90 0.11 0.00	18.87 0.08 0.00	17.45 0.20 0.00	19.11 0.01 0.00	16.75 0.08 0.00	17.00 0.06 0.00	17.30 0.12 0.00	17.47 0.13 0.00	17.68 0.10 0.00	19.37 -0.07 0.00	18.32 0.03 0.00	18.52 -0.01 0.00	19.61 0.10 0.00	24.13 0.27 0.00	23.95 0.22 0.00	25.45 0.28 0.00	21.50 0.12 0.00	20.89 0.06 0.00
DUNKIRK___115KV_TB_200 55889	22.54 0.12 0.00	20.51 -0.07 0.00	18.66 -0.09 0.00	17.88 -0.07 0.00	18.82 -0.01 0.00	18.50 -0.10 0.00	17.40 -0.38 0.00	18.47 -0.32 0.00	17.13 -0.12 0.00	19.13 0.03 0.00	16.91 0.25 0.00	17.11 0.17 0.00	17.23 0.05 0.00	17.31 -0.03 0.00	17.52 -0.05 0.00	19.37 -0.06 0.00	18.34 0.05 0.00	18.78 0.24 0.00	19.74 0.24 0.00	24.11 0.25 0.00	24.00 0.26 0.00	25.25 0.08 0.00	21.36 -0.02 0.00	20.84 0.00 0.00
DUNKIRK___1 23563	22.54 0.12 0.00	20.51 -0.07 0.00	18.66 -0.09 0.00	17.88 -0.07 0.00	18.82 -0.01 0.00	18.50 -0.10 0.00	17.40 -0.38 0.00	18.47 -0.32 0.00	17.13 -0.12 0.00	19.13 0.03 0.00	16.91 0.25 0.00	17.11 0.17 0.00	17.23 0.05 0.00	17.31 -0.03 0.00	17.52 -0.05 0.00	19.37 -0.06 0.00	18.34 0.05 0.00	18.78 0.24 0.00	19.74 0.24 0.00	24.11 0.25 0.00	24.00 0.26 0.00	25.25 0.08 0.00	21.36 -0.02 0.00	20.84 0.00 0.00
DUNKIRK___2 23564	22.54 0.12 0.00	20.51 -0.07 0.00	18.66 -0.09 0.00	17.88 -0.07 0.00	18.82 -0.01 0.00	18.50 -0.10 0.00	17.40 -0.38 0.00	18.47 -0.32 0.00	17.13 -0.12 0.00	19.13 0.03 0.00	16.91 0.25 0.00	17.11 0.17 0.00	17.23 0.05 0.00	17.31 -0.03 0.00	17.52 -0.05 0.00	19.37 -0.06 0.00	18.34 0.05 0.00	18.78 0.24 0.00	19.74 0.24 0.00	24.11 0.25 0.00	24.00 0.26 0.00	25.25 0.08 0.00	21.36 -0.02 0.00	20.84 0.00 0.00
DUNKIRK___3 23565	22.49 0.06 0.00	20.45 -0.12 0.00	18.59 -0.16 0.00	17.82 -0.14 0.00	18.74 -0.08 0.00	18.44 -0.15 0.00	17.35 -0.43 0.00	18.40 -0.39 0.00	17.04 -0.21 0.00	19.01 -0.09 0.00	16.79 0.13 0.00	16.99 0.05 0.00	17.14 -0.04 0.00	17.24 -0.10 0.00	17.46 -0.12 0.00	19.28 -0.15 0.00	18.23 -0.06 0.00	18.66 0.12 0.00	19.60 0.10 0.00	23.93 0.07 0.00	23.84 0.10 0.00	25.11 -0.06 0.00	21.26 -0.12 0.00	20.73 -0.11 0.00
DUNKIRK___4 23566	22.49 0.06 0.00	20.45 -0.12 0.00	18.59 -0.16 0.00	17.82 -0.14 0.00	18.74 -0.08 0.00	18.44 -0.15 0.00	17.35 -0.43 0.00	18.40 -0.39 0.00	17.04 -0.21 0.00	19.01 -0.09 0.00	16.79 0.13 0.00	16.99 0.05 0.00	17.14 -0.04 0.00	17.24 -0.10 0.00	17.46 -0.12 0.00	19.28 -0.15 0.00	18.23 -0.06 0.00	18.66 0.12 0.00	19.60 0.10 0.00	23.93 0.07 0.00	23.84 0.10 0.00	25.11 -0.06 0.00	21.26 -0.12 0.00	20.73 -0.11 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.58 1.15 0.00	21.57 0.99 0.00	19.64 0.90 0.00	18.79 0.84 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.68 0.90 0.00	19.75 0.97 0.00	18.41 1.17 0.00	20.24 1.14 0.00	17.88 1.22 0.00	18.20 1.26 0.00	18.54 1.36 0.00	18.68 1.35 0.00	19.01 1.44 0.00	20.96 1.52 0.00	19.78 1.49 0.00	20.01 1.47 0.00	21.03 1.52 0.00	25.69 1.83 0.00	25.43 1.69 0.00	26.89 1.72 0.00	22.73 1.35 0.00	22.09 1.25 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.53 1.11 0.00	21.53 0.95 0.00	19.59 0.84 0.00	18.74 0.79 0.00	19.61 0.79 0.00	19.36 0.76 0.00	18.62 0.83 0.00	19.68 0.90 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.74 1.08 0.00	18.05 1.11 0.00	18.39 1.21 0.00	18.53 1.19 0.00	18.86 1.28 0.00	20.81 1.37 0.00	19.63 1.34 0.00	19.89 1.35 0.00	20.93 1.42 0.00	25.57 1.71 0.00	25.33 1.60 0.00	26.79 1.62 0.00	22.64 1.26 0.00	22.01 1.18 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	23.53 1.11 0.00	21.55 0.97 0.00	19.62 0.87 0.00	18.78 0.82 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.67 0.89 0.00	19.74 0.95 0.00	18.43 1.18 0.00	20.21 1.11 0.00	17.89 1.22 0.00	18.22 1.27 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.95 1.51 0.00	19.92 1.46 -0.17	19.99 1.46 0.00	21.02 1.52 0.00	25.64 1.78 0.00	25.38 1.65 0.00	26.83 1.66 0.00	22.70 1.32 0.00	22.05 1.22 0.00
E179THST_13_KV_LOAD 356214	23.63 1.21 0.00	21.64 1.06 0.00	19.69 0.94 0.00	18.84 0.89 0.00	19.70 0.87 0.00	19.45 0.86 0.00	18.74 0.95 0.00	19.82 1.03 0.00	18.50 1.25 0.00	20.29 1.19 0.00	17.96 1.30 0.00	18.29 1.35 0.00	18.61 1.43 0.00	18.76 1.43 0.00	19.15 1.51 -0.06	21.04 1.61 0.00	20.01 1.55 -0.17	20.08 1.55 0.00	21.12 1.61 0.00	25.75 1.90 0.00	25.50 1.77 0.00	26.96 1.78 0.00	22.80 1.42 0.00	22.14 1.31 0.00
EAST HAMPTON___GT 23717	29.49 2.24 -4.82	22.44 1.86 0.00	20.45 1.70 0.00	19.60 1.65 0.00	20.52 1.69 0.00	20.29 1.69 0.00	46.61 2.03 -26.80	20.75 1.96 0.00	20.74 2.07 -1.43	21.77 2.07 -0.59	23.44 1.96 -4.81	28.56 1.97 -9.64	24.36 2.11 -5.06	19.31 1.98 0.00	19.69 2.11 0.00	21.78 2.35 0.00	20.57 2.29 0.00	20.92 2.39 0.00	22.51 2.62 -0.38	27.76 3.30 -0.61	26.81 3.07 0.00	28.51 3.11 -0.23	26.94 2.53 -3.03	23.02 2.19 0.00
EAST RIVER___6 23660	23.53 1.11 0.00	21.53 0.95 0.00	19.63 0.88 0.00	18.79 0.83 0.00	19.62 0.79 0.00	19.36 0.77 0.00	18.68 0.90 0.00	19.75 0.96 0.00	18.45 1.20 0.00	20.24 1.14 0.00	17.93 1.27 0.00	18.26 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.14 1.50 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.04 1.50 0.00	21.08 1.57 0.00	25.70 1.84 0.00	25.43 1.70 0.00	26.87 1.70 0.00	22.72 1.34 0.00	22.06 1.23 0.00

EAST RIVER___7 23524	23.53 1.11 0.00	21.53 0.95 0.00	19.63 0.88 0.00	18.79 0.83 0.00	19.62 0.79 0.00	19.36 0.77 0.00	18.68 0.90 0.00	19.75 0.96 0.00	18.45 1.20 0.00	20.24 1.14 0.00	17.93 1.27 0.00	18.26 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.14 1.50 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.04 1.50 0.00	21.08 1.57 0.00	25.70 1.84 0.00	25.43 1.70 0.00	26.87 1.70 0.00	22.72 1.34 0.00	22.06 1.23 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.55 1.13 0.00	21.55 0.98 0.00	19.62 0.88 0.00	18.78 0.82 0.00	19.64 0.81 0.00	19.39 0.79 0.00	18.66 0.88 0.00	19.73 0.94 0.00	18.38 1.13 0.00	20.21 1.11 0.00	17.84 1.18 0.00	18.17 1.22 0.00	18.50 1.32 0.00	18.65 1.31 0.00	18.97 1.39 0.00	20.92 1.49 0.00	19.74 1.45 0.00	19.97 1.43 0.00	20.99 1.49 0.00	25.64 1.79 0.00	25.39 1.65 0.00	26.84 1.67 0.00	22.69 1.31 0.00	22.04 1.22 0.00
EAST_HAMPTON___DIESEL 23722	29.49 2.24 -4.82	22.44 1.86 0.00	20.45 1.70 0.00	19.60 1.65 0.00	20.52 1.69 0.00	20.29 1.69 0.00	46.61 2.03 -26.80	20.75 1.96 0.00	20.74 2.07 -1.43	21.77 2.07 -0.59	23.45 1.97 -4.81	28.57 1.98 -9.64	24.36 2.11 -5.06	19.32 1.98 0.00	19.69 2.12 0.00	21.79 2.36 0.00	20.58 2.29 0.00	20.92 2.39 0.00	22.51 2.63 -0.38	27.76 3.30 -0.61	26.81 3.08 0.00	28.51 3.11 -0.23	26.94 2.53 -3.03	23.03 2.20 0.00
EAST_PULASKI___ESR 323781	22.36 -0.06 0.00	20.46 -0.12 0.00	18.62 -0.13 0.00	17.86 -0.09 0.00	18.75 -0.08 0.00	18.50 -0.09 0.00	17.66 -0.12 0.00	18.63 -0.15 0.00	17.09 -0.16 0.00	18.85 -0.25 0.00	16.37 -0.29 0.00	16.60 -0.34 0.00	16.80 -0.38 0.00	16.92 -0.41 0.00	17.13 -0.45 0.00	18.99 -0.45 0.00	17.92 -0.37 0.00	18.23 -0.31 0.00	19.25 -0.26 0.00	23.61 -0.24 0.00	23.61 -0.13 0.00	25.10 -0.07 0.00	21.38 0.00 0.00	20.79 -0.04 0.00
EAST_RIVER___1 323558	23.58 1.15 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.92 0.00	19.78 0.99 0.00	18.46 1.21 0.00	20.28 1.18 0.00	17.94 1.28 0.00	18.27 1.32 0.00	18.61 1.43 0.00	18.75 1.42 0.00	19.15 1.51 -0.06	21.03 1.59 0.00	20.03 1.56 -0.18	20.07 1.53 0.00	21.10 1.60 0.00	25.74 1.89 0.00	25.47 1.74 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
EAST_RIVER___2 323559	23.53 1.11 0.00	21.53 0.95 0.00	19.63 0.88 0.00	18.79 0.83 0.00	19.62 0.79 0.00	19.36 0.77 0.00	18.68 0.90 0.00	19.75 0.96 0.00	18.45 1.20 0.00	20.24 1.14 0.00	17.93 1.27 0.00	18.26 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.14 1.50 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.04 1.50 0.00	21.08 1.57 0.00	25.70 1.84 0.00	25.43 1.70 0.00	26.87 1.70 0.00	22.72 1.34 0.00	22.06 1.23 0.00
EAST___DELAWARE_HYD 23607	22.91 0.49 0.00	20.94 0.36 0.00	19.04 0.29 0.00	18.21 0.25 0.00	19.05 0.22 0.00	18.81 0.22 0.00	18.10 0.32 0.00	19.14 0.36 0.00	17.79 0.54 0.00	19.54 0.43 0.00	17.18 0.51 0.00	17.47 0.53 0.00	17.82 0.64 0.00	17.97 0.63 0.00	18.31 0.74 0.00	20.19 0.75 0.00	19.05 0.76 0.00	19.33 0.79 0.00	20.39 0.88 0.00	24.97 1.11 0.00	24.75 1.01 0.00	26.18 1.01 0.00	22.12 0.74 0.00	21.47 0.63 0.00
EIGHT_POINT___WT_PWR 323820	22.59 0.17 0.00	20.28 -0.30 0.00	18.37 -0.38 0.00	17.65 -0.31 0.00	18.55 -0.28 0.00	18.31 -0.28 0.00	17.24 -0.55 0.00	18.22 -0.57 0.00	16.93 -0.32 0.00	18.78 -0.32 0.00	16.46 -0.21 0.00	16.72 -0.23 0.00	16.90 -0.28 0.00	17.11 -0.23 0.00	17.35 -0.23 0.00	19.24 -0.19 0.00	18.10 -0.19 0.00	18.66 0.12 0.00	19.78 0.28 0.00	24.32 0.47 0.00	24.30 0.56 0.00	25.67 0.50 0.00	21.77 0.39 0.00	21.16 0.33 0.00
ELBRIDGE_115KV_TB2 80188	22.33 -0.10 0.00	20.44 -0.14 0.00	18.59 -0.15 0.00	17.81 -0.14 0.00	18.68 -0.14 0.00	18.44 -0.15 0.00	17.61 -0.18 0.00	18.59 -0.20 0.00	17.06 -0.18 0.00	18.86 -0.24 0.00	16.43 -0.24 0.00	16.68 -0.27 0.00	16.91 -0.27 0.00	17.06 -0.27 0.00	17.32 -0.26 0.00	19.23 -0.20 0.00	18.13 -0.15 0.00	18.40 -0.14 0.00	19.37 -0.13 0.00	23.68 -0.17 0.00	23.58 -0.16 0.00	24.98 -0.19 0.00	21.28 -0.10 0.00	20.71 -0.12 0.00
ELEC_TRO_TEK 24086	28.71 1.47 -4.82	21.79 1.21 0.00	19.82 1.08 0.00	18.96 1.01 0.00	19.83 1.01 0.00	19.59 0.99 0.00	45.72 1.15 -26.80	19.99 1.20 0.00	20.07 1.39 -1.43	21.06 1.37 -0.59	22.88 1.41 -4.81	28.01 1.42 -9.64	23.77 1.53 -5.06	18.75 1.42 0.00	19.10 1.52 0.00	21.07 1.63 0.00	19.82 1.53 0.00	20.07 1.54 0.00	21.53 1.65 -0.38	26.51 2.05 -0.61	25.63 1.90 0.00	27.36 1.96 -0.23	26.03 1.62 -3.03	22.28 1.45 0.00
ELLENBURG_WT_PWR 323604	22.69 0.27 0.00	20.87 0.29 0.00	18.96 0.22 0.00	18.17 0.21 0.00	19.07 0.24 0.00	18.85 0.26 0.00	18.14 0.36 0.00	19.23 0.44 0.00	17.65 0.40 0.00	19.71 0.61 0.00	17.07 0.40 0.00	17.26 0.32 0.00	17.51 0.33 0.00	17.63 0.29 0.00	17.79 0.22 0.00	19.60 0.16 0.00	18.50 0.21 0.00	18.79 0.26 0.00	19.84 0.34 0.00	24.29 0.44 0.00	24.16 0.42 0.00	25.57 0.40 0.00	21.55 0.17 0.00	21.06 0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.33 -0.10 0.00	20.29 -0.28 0.00	18.45 -0.30 0.00	17.68 -0.27 0.00	18.61 -0.21 0.00	18.32 -0.27 0.00	17.20 -0.58 0.00	18.17 -0.62 0.00	16.76 -0.48 0.00	18.70 -0.40 0.00	16.49 -0.18 0.00	16.67 -0.27 0.00	16.87 -0.31 0.00	16.98 -0.36 0.00	17.21 -0.37 0.00	18.97 -0.46 0.00	17.89 -0.40 0.00	18.32 -0.21 0.00	19.25 -0.26 0.00	23.42 -0.43 0.00	23.41 -0.33 0.00	24.74 -0.43 0.00	20.94 -0.44 0.00	20.43 -0.41 0.00
EMPIRE_CC_1 323656	22.96 0.54 0.00	21.11 0.53 0.00	19.37 0.63 0.00	18.55 0.60 0.00	19.46 0.63 0.00	19.19 0.60 0.00	18.33 0.55 0.00	19.30 0.51 0.00	17.86 0.61 0.00	19.58 0.48 0.00	17.23 0.57 0.00	17.50 0.56 0.00	17.81 0.63 0.00	17.97 0.63 0.00	18.21 0.63 0.00	19.98 0.55 0.00	18.82 0.53 0.00	18.98 0.44 0.00	19.92 0.42 0.00	24.41 0.56 0.00	24.23 0.49 0.00	25.76 0.59 0.00	21.76 0.38 0.00	21.24 0.40 0.00
EMPIRE_CC_2 323658	22.96 0.54 0.00	21.11 0.53 0.00	19.37 0.63 0.00	18.55 0.60 0.00	19.46 0.63 0.00	19.19 0.60 0.00	18.33 0.55 0.00	19.30 0.51 0.00	17.86 0.61 0.00	19.58 0.48 0.00	17.23 0.57 0.00	17.50 0.56 0.00	17.81 0.63 0.00	17.97 0.63 0.00	18.21 0.63 0.00	19.98 0.55 0.00	18.82 0.53 0.00	18.98 0.44 0.00	19.92 0.42 0.00	24.41 0.56 0.00	24.23 0.49 0.00	25.76 0.59 0.00	21.76 0.38 0.00	21.24 0.40 0.00
ENORWICH_115KV_TB1 80156	23.93 1.51 0.00	21.86 1.28 0.00	19.88 1.13 0.00	19.02 1.06 0.00	19.97 1.14 0.00	19.74 1.15 0.00	18.88 1.10 0.00	20.01 1.22 0.00	18.46 1.21 0.00	20.41 1.31 0.00	17.71 1.05 0.00	17.80 0.86 0.00	18.01 0.82 0.00	18.13 0.79 0.00	18.47 0.89 0.00	20.41 0.98 0.00	19.24 0.95 0.00	19.54 1.01 0.00	20.77 1.27 0.00	25.73 1.88 0.00	25.64 1.91 0.00	27.09 1.92 0.00	22.98 1.60 0.00	22.27 1.44 0.00

ERIE_ST__34_KV_TB1-2 80199	22.52 0.09 0.00	20.47 -0.11 0.00	18.59 -0.16 0.00	17.82 -0.14 0.00	18.75 -0.08 0.00	18.46 -0.13 0.00	17.37 -0.42 0.00	18.37 -0.42 0.00	16.96 -0.29 0.00	18.92 -0.18 0.00	16.68 0.02 0.00	16.89 -0.05 0.00	17.09 -0.09 0.00	17.21 -0.13 0.00	17.44 -0.14 0.00	19.24 -0.20 0.00	18.15 -0.14 0.00	18.58 0.04 0.00	19.51 0.00 0.00	23.76 -0.09 0.00	23.71 -0.03 0.00	25.05 -0.12 0.00	21.20 -0.18 0.00	20.66 -0.18 0.00
ERIE_WT_PWR 323693	22.44 0.01 0.00	20.39 -0.19 0.00	18.53 -0.21 0.00	17.77 -0.19 0.00	18.69 -0.13 0.00	18.39 -0.20 0.00	17.28 -0.51 0.00	18.26 -0.53 0.00	16.85 -0.39 0.00	18.78 -0.32 0.00	16.54 -0.12 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.26 0.00	17.30 -0.27 0.00	19.08 -0.35 0.00	17.99 -0.30 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.30 0.00	23.54 -0.19 0.00	24.88 -0.29 0.00	21.08 -0.30 0.00	20.56 -0.28 0.00
ESPRGFLD_115KV_TB1 80157	23.65 1.23 0.00	21.64 1.06 0.00	19.64 0.89 0.00	18.81 0.86 0.00	19.72 0.89 0.00	19.49 0.90 0.00	18.64 0.86 0.00	19.77 0.98 0.00	18.21 0.96 0.00	20.25 1.15 0.00	17.59 0.93 0.00	17.85 0.90 0.00	18.07 0.88 0.00	18.15 0.82 0.00	18.44 0.86 0.00	20.45 1.02 0.00	19.21 0.92 0.00	19.54 1.00 0.00	20.66 1.16 0.00	25.33 1.47 0.00	25.25 1.52 0.00	26.75 1.58 0.00	22.75 1.37 0.00	22.12 1.29 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.85 0.43 0.00	20.89 0.31 0.00	18.99 0.25 0.00	18.19 0.23 0.00	19.09 0.26 0.00	18.84 0.24 0.00	17.99 0.20 0.00	19.04 0.25 0.00	17.54 0.29 0.00	19.37 0.27 0.00	16.88 0.21 0.00	17.08 0.13 0.00	17.30 0.12 0.00	17.44 0.10 0.00	17.71 0.13 0.00	19.62 0.19 0.00	18.53 0.24 0.00	18.87 0.33 0.00	19.92 0.42 0.00	24.42 0.57 0.00	24.32 0.58 0.00	25.74 0.57 0.00	21.86 0.48 0.00	21.24 0.40 0.00
ETNA____115KV_TB2 80207	22.85 0.43 0.00	20.89 0.31 0.00	18.99 0.25 0.00	18.19 0.23 0.00	19.09 0.26 0.00	18.84 0.24 0.00	17.99 0.20 0.00	19.04 0.25 0.00	17.54 0.29 0.00	19.37 0.27 0.00	16.88 0.21 0.00	17.08 0.13 0.00	17.30 0.12 0.00	17.44 0.10 0.00	17.71 0.13 0.00	19.62 0.19 0.00	18.53 0.24 0.00	18.87 0.33 0.00	19.92 0.42 0.00	24.42 0.57 0.00	24.32 0.58 0.00	25.74 0.57 0.00	21.86 0.48 0.00	21.24 0.40 0.00
EUCLID____115KV_TB2 356179	22.22 -0.20 0.00	20.34 -0.24 0.00	18.51 -0.23 0.00	17.74 -0.22 0.00	18.60 -0.22 0.00	18.37 -0.23 0.00	17.53 -0.25 0.00	18.50 -0.29 0.00	16.96 -0.28 0.00	18.76 -0.34 0.00	16.33 -0.33 0.00	16.59 -0.36 0.00	16.81 -0.37 0.00	16.96 -0.37 0.00	17.22 -0.36 0.00	19.11 -0.32 0.00	18.01 -0.27 0.00	18.27 -0.27 0.00	19.23 -0.27 0.00	23.51 -0.34 0.00	23.42 -0.32 0.00	24.82 -0.35 0.00	21.16 -0.22 0.00	20.60 -0.24 0.00
E_CANADA_CAP_HY 24051	23.99 1.56 0.00	21.96 1.39 0.00	19.96 1.21 0.00	19.11 1.16 0.00	20.05 1.22 0.00	19.82 1.23 0.00	18.92 1.14 0.00	20.05 1.27 0.00	18.42 1.17 0.00	20.50 1.39 0.00	17.75 1.08 0.00	18.00 1.06 0.00	18.25 1.07 0.00	18.31 0.97 0.00	18.58 1.01 0.00	20.58 1.14 0.00	19.32 1.03 0.00	19.67 1.13 0.00	20.82 1.32 0.00	25.53 1.67 0.00	25.49 1.75 0.00	27.07 1.90 0.00	23.04 1.66 0.00	22.41 1.58 0.00
E_CANADA_MHWK_HY 24050	22.49 0.06 0.00	20.61 0.03 0.00	18.83 0.08 0.00	18.03 0.07 0.00	18.91 0.08 0.00	18.68 0.09 0.00	17.90 0.11 0.00	18.87 0.08 0.00	17.45 0.20 0.00	19.11 0.01 0.00	16.75 0.08 0.00	17.00 0.06 0.00	17.30 0.12 0.00	17.47 0.13 0.00	17.68 0.10 0.00	19.37 -0.07 0.00	18.32 0.03 0.00	18.52 -0.01 0.00	19.61 0.10 0.00	24.13 0.27 0.00	23.95 0.22 0.00	25.45 0.28 0.00	21.50 0.12 0.00	20.89 0.06 0.00
E_FISHKILL____LBMP 23776	23.45 1.03 0.00	21.47 0.90 0.00	19.56 0.81 0.00	18.72 0.77 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.60 0.82 0.00	19.66 0.87 0.00	18.28 1.03 0.00	20.10 1.00 0.00	17.72 1.06 0.00	18.04 1.09 0.00	18.37 1.19 0.00	18.51 1.17 0.00	18.83 1.25 0.00	20.75 1.31 0.00	19.58 1.29 0.00	19.80 1.27 0.00	20.81 1.31 0.00	25.42 1.57 0.00	25.19 1.45 0.00	26.65 1.48 0.00	22.54 1.16 0.00	21.91 1.08 0.00
FALCON____SEABRD_CC1 323796	22.89 0.46 0.00	21.05 0.47 0.00	19.14 0.39 0.00	18.34 0.39 0.00	19.24 0.41 0.00	19.03 0.44 0.00	18.33 0.54 0.00	19.42 0.63 0.00	17.85 0.61 0.00	19.94 0.84 0.00	17.26 0.60 0.00	17.43 0.49 0.00	17.69 0.51 0.00	17.79 0.46 0.00	17.96 0.38 0.00	19.75 0.31 0.00	18.67 0.38 0.00	18.96 0.43 0.00	20.04 0.53 0.00	24.53 0.68 0.00	24.37 0.63 0.00	25.78 0.61 0.00	21.71 0.33 0.00	21.25 0.42 0.00
FALCON____SEABRD_CC2 323797	22.89 0.46 0.00	21.05 0.47 0.00	19.14 0.39 0.00	18.34 0.39 0.00	19.24 0.41 0.00	19.03 0.44 0.00	18.33 0.54 0.00	19.42 0.63 0.00	17.85 0.61 0.00	19.94 0.84 0.00	17.26 0.60 0.00	17.43 0.49 0.00	17.69 0.51 0.00	17.79 0.46 0.00	17.96 0.38 0.00	19.75 0.31 0.00	18.67 0.38 0.00	18.96 0.43 0.00	20.04 0.53 0.00	24.53 0.68 0.00	24.37 0.63 0.00	25.78 0.61 0.00	21.71 0.33 0.00	21.25 0.42 0.00
FAR ROCKAWAY____4 23548	29.02 1.78 -4.82	22.07 1.49 0.00	20.07 1.33 0.00	19.19 1.24 0.00	20.07 1.24 0.00	19.82 1.23 0.00	45.95 1.37 -26.80	20.23 1.44 0.00	20.29 1.62 -1.43	21.31 1.61 -0.59	22.98 1.50 -4.81	28.25 1.66 -9.64	24.01 1.76 -5.06	19.00 1.66 0.00	19.35 1.78 0.00	21.36 1.92 0.00	20.10 1.81 0.00	20.36 1.82 0.00	21.83 1.95 -0.38	26.87 2.41 -0.61	25.99 2.25 0.00	27.75 2.35 -0.23	26.35 1.94 -3.03	22.59 1.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	23.60 1.18 0.00	21.59 1.01 0.00	19.67 0.92 0.00	18.82 0.87 0.00	19.67 0.84 0.00	19.41 0.82 0.00	18.72 0.93 0.00	19.80 1.01 0.00	18.47 1.22 0.00	20.30 1.20 0.00	17.95 1.29 0.00	18.27 1.33 0.00	18.62 1.44 0.00	18.76 1.42 0.00	19.15 1.52 -0.06	21.04 1.60 0.00	20.04 1.57 -0.18	20.08 1.55 0.00	21.11 1.61 0.00	25.76 1.91 0.00	25.50 1.76 0.00	26.94 1.77 0.00	22.78 1.40 0.00	22.13 1.29 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	23.62 1.19 0.00	21.61 1.03 0.00	19.68 0.93 0.00	18.83 0.88 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.94 0.00	19.81 1.02 0.00	18.48 1.23 0.00	20.31 1.21 0.00	17.96 1.30 0.00	18.29 1.34 0.00	18.63 1.45 0.00	18.77 1.44 0.00	19.17 1.53 -0.06	21.05 1.62 0.00	20.05 1.59 -0.18	20.10 1.57 0.00	21.13 1.62 0.00	25.78 1.92 0.00	25.51 1.77 0.00	26.96 1.79 0.00	22.80 1.42 0.00	22.14 1.31 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	23.59 1.17 0.00	21.59 1.01 0.00	19.66 0.92 0.00	18.81 0.86 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.79 1.00 0.00	18.46 1.22 0.00	20.29 1.19 0.00	17.94 1.28 0.00	18.27 1.33 0.00	18.61 1.43 0.00	18.76 1.42 0.00	19.15 1.51 -0.06	21.03 1.60 0.00	20.04 1.57 -0.18	20.08 1.54 0.00	21.11 1.60 0.00	25.74 1.89 0.00	25.48 1.75 0.00	26.93 1.76 0.00	22.78 1.40 0.00	22.12 1.29 0.00

FARRAGUT___LBMP 323566	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.28 1.18 0.00	17.93 1.27 0.00	18.26 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.14 1.50 -0.06	21.02 1.58 0.00	20.02 1.55 -0.18	20.07 1.53 0.00	21.09 1.59 0.00	25.73 1.87 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
FENNER___WINDPWR 24204	22.82 0.40 0.00	20.89 0.31 0.00	19.01 0.27 0.00	18.21 0.25 0.00	19.10 0.28 0.00	18.87 0.28 0.00	18.03 0.24 0.00	19.05 0.27 0.00	17.51 0.27 0.00	19.36 0.26 0.00	16.86 0.20 0.00	17.11 0.17 0.00	17.33 0.14 0.00	17.47 0.14 0.00	17.71 0.13 0.00	19.62 0.18 0.00	18.48 0.19 0.00	18.76 0.23 0.00	19.82 0.32 0.00	24.32 0.47 0.00	24.25 0.51 0.00	25.71 0.54 0.00	21.83 0.46 0.00	21.22 0.39 0.00
FIBERTEK___ENERGY 23856	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
FITZPATRICK____ 23598	21.93 -0.50 0.00	20.08 -0.50 0.00	18.29 -0.46 0.00	17.52 -0.44 0.00	18.38 -0.45 0.00	18.14 -0.45 0.00	17.32 -0.46 0.00	18.27 -0.52 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.08 -0.58 0.00	16.33 -0.61 0.00	16.56 -0.62 0.00	16.71 -0.63 0.00	16.96 -0.62 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.58 0.00	23.12 -0.74 0.00	23.02 -0.71 0.00	24.42 -0.75 0.00	20.85 -0.53 0.00	20.31 -0.52 0.00
FLOWRFLD_69_KV_BK1 356044	28.86 1.61 -4.82	21.88 1.30 0.00	19.92 1.18 0.00	19.07 1.12 0.00	19.96 1.13 0.00	19.72 1.12 0.00	45.95 1.37 -26.80	20.13 1.34 0.00	20.19 1.52 -1.43	21.16 1.46 -0.59	22.92 1.44 -4.81	28.03 1.44 -9.64	23.81 1.56 -5.06	18.76 1.43 0.00	19.10 1.53 0.00	21.10 1.66 0.00	19.87 1.59 0.00	20.07 1.54 0.00	21.60 1.72 -0.38	26.75 2.29 -0.61	25.85 2.11 0.00	27.55 2.15 -0.23	26.20 1.79 -3.03	22.38 1.55 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.72 1.30 0.00	21.70 1.13 0.00	19.76 1.01 0.00	18.90 0.95 0.00	19.78 0.95 0.00	19.53 0.94 0.00	18.79 1.01 0.00	19.86 1.07 0.00	18.47 1.22 0.00	20.31 1.21 0.00	17.91 1.25 0.00	18.23 1.29 0.00	18.57 1.39 0.00	18.72 1.38 0.00	19.05 1.48 0.00	21.01 1.58 0.00	19.83 1.55 0.00	20.09 1.56 0.00	21.14 1.63 0.00	25.81 1.96 0.00	25.58 1.84 0.00	27.04 1.87 0.00	22.84 1.46 0.00	22.18 1.36 0.00
FORT ORANGE____ 23900	23.09 0.67 0.00	21.19 0.61 0.00	19.37 0.63 0.00	18.55 0.60 0.00	19.46 0.63 0.00	19.20 0.61 0.00	18.37 0.58 0.00	19.33 0.54 0.00	17.77 0.52 0.00	19.52 0.42 0.00	17.13 0.47 0.00	17.41 0.46 0.00	17.71 0.53 0.00	17.88 0.54 0.00	18.14 0.57 0.00	19.94 0.51 0.00	18.82 0.53 0.00	19.03 0.49 0.00	20.01 0.51 0.00	24.51 0.65 0.00	24.36 0.62 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.27 0.44 0.00
FORT_DRUM_COGEN 23780	23.00 0.58 0.00	21.04 0.46 0.00	19.13 0.39 0.00	18.44 0.48 0.00	19.38 0.55 0.00	19.11 0.52 0.00	18.24 0.45 0.00	19.26 0.47 0.00	17.68 0.44 0.00	19.42 0.32 0.00	16.83 0.17 0.00	17.00 0.05 0.00	17.12 -0.07 0.00	17.16 -0.17 0.00	17.32 -0.26 0.00	19.15 -0.29 0.00	18.10 -0.19 0.00	18.62 0.09 0.00	19.81 0.31 0.00	24.54 0.68 0.00	24.74 1.01 0.00	26.31 1.13 0.00	22.32 0.94 0.00	21.63 0.79 0.00
FPL_FAR_ROCK_GT1 24212	29.02 1.78 -4.82	22.07 1.49 0.00	20.07 1.33 0.00	19.20 1.25 0.00	20.07 1.24 0.00	19.83 1.23 0.00	45.95 1.37 -26.80	20.23 1.44 0.00	20.29 1.62 -1.43	21.30 1.61 -0.59	22.98 1.50 -4.81	28.25 1.66 -9.64	24.01 1.76 -5.06	18.99 1.66 0.00	19.35 1.78 0.00	21.36 1.93 0.00	20.10 1.81 0.00	20.36 1.82 0.00	21.83 1.95 -0.38	26.87 2.41 -0.61	25.99 2.25 0.00	27.75 2.35 -0.23	26.35 1.94 -3.03	22.58 1.75 0.00
FPL_FAR_ROCK_GT2 23815	29.02 1.78 -4.82	22.07 1.49 0.00	20.07 1.33 0.00	19.20 1.25 0.00	20.07 1.24 0.00	19.83 1.23 0.00	45.95 1.37 -26.80	20.23 1.44 0.00	20.29 1.62 -1.43	21.30 1.61 -0.59	22.98 1.50 -4.81	28.25 1.66 -9.64	24.01 1.76 -5.06	18.99 1.66 0.00	19.35 1.78 0.00	21.36 1.93 0.00	20.10 1.81 0.00	20.36 1.82 0.00	21.83 1.95 -0.38	26.87 2.41 -0.61	25.99 2.25 0.00	27.75 2.35 -0.23	26.35 1.94 -3.03	22.58 1.75 0.00
FRANKLIN_FALL_HYD 24054	22.81 0.38 0.00	20.96 0.38 0.00	19.06 0.31 0.00	18.26 0.30 0.00	19.16 0.33 0.00	18.95 0.35 0.00	18.22 0.43 0.00	19.34 0.55 0.00	17.74 0.49 0.00	19.83 0.73 0.00	17.17 0.50 0.00	17.39 0.44 0.00	17.62 0.43 0.00	17.74 0.40 0.00	17.91 0.33 0.00	19.73 0.30 0.00	18.61 0.33 0.00	18.94 0.40 0.00	19.99 0.48 0.00	24.48 0.62 0.00	24.39 0.65 0.00	25.83 0.66 0.00	21.77 0.39 0.00	21.22 0.39 0.00
FREEPORT_EQUS_GT1 23764	28.86 1.62 -4.82	21.92 1.34 0.00	19.94 1.19 0.00	19.07 1.12 0.00	19.95 1.12 0.00	19.70 1.10 0.00	45.84 1.26 -26.80	20.10 1.31 0.00	20.17 1.50 -1.43	21.18 1.48 -0.59	22.98 1.51 -4.81	28.10 1.51 -9.64	23.86 1.62 -5.06	18.83 1.49 0.00	19.20 1.62 0.00	21.18 1.74 0.00	19.91 1.62 0.00	20.18 1.64 0.00	21.65 1.77 -0.38	26.66 2.20 -0.61	25.78 2.04 0.00	27.53 2.13 -0.23	26.19 1.78 -3.03	22.42 1.59 0.00
FREEPORT___CT2 23818	28.86 1.62 -4.82	21.92 1.34 0.00	19.94 1.19 0.00	19.07 1.12 0.00	19.95 1.12 0.00	19.70 1.10 0.00	45.84 1.26 -26.80	20.10 1.31 0.00	20.17 1.50 -1.43	21.18 1.48 -0.59	22.98 1.51 -4.81	28.10 1.51 -9.64	23.86 1.62 -5.06	18.83 1.49 0.00	19.20 1.62 0.00	21.18 1.74 0.00	19.91 1.62 0.00	20.18 1.64 0.00	21.65 1.77 -0.38	26.66 2.20 -0.61	25.78 2.04 0.00	27.53 2.13 -0.23	26.19 1.78 -3.03	22.42 1.59 0.00
FRESHKLS_33_KV_LOAD 356253	23.74 1.31 0.00	21.72 1.14 0.00	19.76 1.02 0.00	18.92 0.96 0.00	19.77 0.94 0.00	19.53 0.93 0.00	18.82 1.03 0.00	19.89 1.10 0.00	18.56 1.31 0.00	20.38 1.28 0.00	18.03 1.36 0.00	18.36 1.41 0.00	18.69 1.51 0.00	18.84 1.51 0.00	19.25 1.61 -0.06	21.15 1.71 0.00	20.13 1.67 -0.17	20.19 1.66 0.00	21.24 1.74 0.00	25.91 2.05 0.00	25.60 1.86 0.00	27.04 1.87 0.00	22.88 1.50 0.00	22.22 1.39 0.00
FULTON COGEN____ 23766	22.25 -0.17 0.00	20.37 -0.21 0.00	18.54 -0.21 0.00	17.76 -0.20 0.00	18.64 -0.19 0.00	18.39 -0.20 0.00	17.56 -0.23 0.00	18.52 -0.27 0.00	16.98 -0.27 0.00	18.76 -0.34 0.00	16.32 -0.35 0.00	16.57 -0.37 0.00	16.79 -0.39 0.00	16.94 -0.39 0.00	17.19 -0.39 0.00	19.09 -0.34 0.00	17.99 -0.30 0.00	18.22 -0.31 0.00	19.19 -0.32 0.00	23.46 -0.39 0.00	23.38 -0.35 0.00	24.80 -0.37 0.00	21.15 -0.23 0.00	20.61 -0.23 0.00



FULTON___LFGE 323630	24.67 2.24 0.00	22.59 2.01 0.00	20.54 1.79 0.00	19.67 1.71 0.00	20.63 1.81 0.00	20.39 1.79 0.00	19.44 1.65 0.00	20.60 1.81 0.00	18.89 1.64 0.00	20.99 1.89 0.00	18.01 1.35 0.00	18.25 1.30 0.00	18.69 1.51 0.00	18.75 1.42 0.00	19.05 1.47 0.00	20.83 1.39 0.00	19.72 1.43 0.00	20.09 1.55 0.00	21.42 1.91 0.00	26.45 2.60 0.00	26.45 2.71 0.00	28.07 2.90 0.00	23.76 2.38 0.00	23.03 2.20 0.00
G.F.CEMENT___DRP 24184	24.13 1.71 0.00	22.13 1.56 0.00	20.20 1.46 0.00	19.35 1.40 0.00	20.33 1.50 0.00	20.08 1.49 0.00	19.23 1.44 0.00	20.27 1.49 0.00	18.72 1.47 0.00	20.57 1.47 0.00	17.95 1.28 0.00	18.22 1.27 0.00	18.53 1.35 0.00	18.62 1.28 0.00	18.81 1.24 0.00	20.65 1.21 0.00	19.66 1.38 0.00	20.09 1.56 0.00	21.09 1.58 0.00	25.83 1.98 0.00	25.71 1.97 0.00	27.25 2.08 0.00	22.97 1.59 0.00	22.41 1.58 0.00
GARDENVILLE___LBMP 24039	22.37 -0.05 0.00	20.34 -0.24 0.00	18.48 -0.26 0.00	17.72 -0.23 0.00	18.65 -0.18 0.00	18.35 -0.24 0.00	17.23 -0.55 0.00	18.22 -0.57 0.00	16.82 -0.43 0.00	18.75 -0.35 0.00	16.53 -0.13 0.00	16.72 -0.22 0.00	16.91 -0.27 0.00	17.03 -0.31 0.00	17.26 -0.32 0.00	19.03 -0.40 0.00	17.96 -0.33 0.00	18.39 -0.15 0.00	19.31 -0.19 0.00	23.53 -0.33 0.00	23.50 -0.23 0.00	24.83 -0.34 0.00	21.02 -0.36 0.00	20.50 -0.33 0.00
GARDNVLA_35_KV_LD 355827	22.44 0.02 0.00	20.41 -0.17 0.00	18.54 -0.21 0.00	17.77 -0.18 0.00	18.70 -0.13 0.00	18.41 -0.18 0.00	17.29 -0.49 0.00	18.28 -0.51 0.00	16.87 -0.38 0.00	18.81 -0.29 0.00	16.58 -0.09 0.00	16.77 -0.17 0.00	16.97 -0.21 0.00	17.10 -0.24 0.00	17.33 -0.25 0.00	19.11 -0.32 0.00	18.01 -0.27 0.00	18.46 -0.08 0.00	19.39 -0.11 0.00	23.61 -0.25 0.00	23.59 -0.15 0.00	24.93 -0.24 0.00	21.10 -0.28 0.00	20.57 -0.26 0.00
GELCKHM___115KV_LOAD 80723	22.27 -0.15 0.00	20.39 -0.19 0.00	18.55 -0.19 0.00	17.77 -0.18 0.00	18.64 -0.18 0.00	18.41 -0.18 0.00	17.57 -0.22 0.00	18.55 -0.24 0.00	17.01 -0.24 0.00	18.81 -0.29 0.00	16.38 -0.29 0.00	16.63 -0.32 0.00	16.86 -0.32 0.00	17.02 -0.32 0.00	17.28 -0.30 0.00	19.17 -0.26 0.00	18.08 -0.21 0.00	18.33 -0.20 0.00	19.31 -0.19 0.00	23.61 -0.25 0.00	23.51 -0.23 0.00	24.91 -0.25 0.00	21.23 -0.14 0.00	20.67 -0.17 0.00
GENERAL___MILLS 23808	22.42 -0.01 0.00	20.38 -0.20 0.00	18.52 -0.23 0.00	17.75 -0.20 0.00	18.68 -0.15 0.00	18.39 -0.20 0.00	17.27 -0.51 0.00	18.25 -0.54 0.00	16.84 -0.40 0.00	18.79 -0.31 0.00	16.56 -0.11 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.27 0.00	17.30 -0.28 0.00	19.07 -0.36 0.00	17.98 -0.31 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.29 0.00	23.55 -0.19 0.00	24.88 -0.29 0.00	21.07 -0.31 0.00	20.54 -0.30 0.00
GE_PLASTICS___DRP 24183	23.04 0.61 0.00	21.14 0.56 0.00	19.31 0.56 0.00	18.49 0.54 0.00	19.39 0.57 0.00	19.14 0.54 0.00	18.31 0.53 0.00	19.29 0.51 0.00	17.78 0.53 0.00	19.55 0.45 0.00	17.16 0.50 0.00	17.44 0.50 0.00	17.74 0.56 0.00	17.90 0.56 0.00	18.17 0.59 0.00	19.99 0.55 0.00	18.86 0.57 0.00	19.06 0.52 0.00	20.03 0.53 0.00	24.51 0.66 0.00	24.34 0.61 0.00	25.84 0.67 0.00	21.85 0.47 0.00	21.28 0.45 0.00
GILBOA___1 23756	23.07 0.65 0.00	21.15 0.57 0.00	19.28 0.53 0.00	18.46 0.50 0.00	19.35 0.52 0.00	19.10 0.51 0.00	18.30 0.51 0.00	19.31 0.53 0.00	17.85 0.60 0.00	19.67 0.56 0.00	17.27 0.60 0.00	17.54 0.60 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.26 0.68 0.00	20.13 0.70 0.00	18.99 0.70 0.00	19.21 0.67 0.00	20.20 0.70 0.00	24.71 0.86 0.00	24.54 0.80 0.00	26.01 0.84 0.00	22.01 0.63 0.00	21.43 0.60 0.00
GILBOA___2 23757	23.07 0.65 0.00	21.15 0.57 0.00	19.28 0.53 0.00	18.46 0.50 0.00	19.35 0.52 0.00	19.10 0.51 0.00	18.30 0.51 0.00	19.31 0.53 0.00	17.85 0.60 0.00	19.67 0.56 0.00	17.27 0.60 0.00	17.54 0.60 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.26 0.68 0.00	20.13 0.70 0.00	18.99 0.70 0.00	19.21 0.67 0.00	20.20 0.70 0.00	24.71 0.86 0.00	24.54 0.80 0.00	26.01 0.84 0.00	22.01 0.63 0.00	21.43 0.60 0.00
GILBOA___3 23758	23.07 0.65 0.00	21.15 0.57 0.00	19.28 0.53 0.00	18.46 0.50 0.00	19.35 0.52 0.00	19.10 0.51 0.00	18.30 0.51 0.00	19.31 0.53 0.00	17.85 0.60 0.00	19.67 0.56 0.00	17.27 0.60 0.00	17.54 0.60 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.26 0.68 0.00	20.13 0.70 0.00	18.99 0.70 0.00	19.21 0.67 0.00	20.20 0.70 0.00	24.71 0.86 0.00	24.54 0.80 0.00	26.01 0.84 0.00	22.01 0.63 0.00	21.43 0.60 0.00
GILBOA___4 23759	23.07 0.65 0.00	21.15 0.57 0.00	19.28 0.53 0.00	18.46 0.50 0.00	19.35 0.52 0.00	19.10 0.51 0.00	18.30 0.51 0.00	19.31 0.53 0.00	17.85 0.60 0.00	19.67 0.56 0.00	17.27 0.60 0.00	17.54 0.60 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.26 0.68 0.00	20.13 0.70 0.00	18.99 0.70 0.00	19.21 0.67 0.00	20.20 0.70 0.00	24.71 0.86 0.00	24.54 0.80 0.00	26.01 0.84 0.00	22.01 0.63 0.00	21.43 0.60 0.00
GILBOA___ 23599	23.07 0.65 0.00	21.15 0.57 0.00	19.28 0.53 0.00	18.46 0.50 0.00	19.35 0.52 0.00	19.10 0.51 0.00	18.30 0.51 0.00	19.31 0.53 0.00	17.85 0.61 0.00	19.67 0.56 0.00	17.27 0.60 0.00	17.55 0.60 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.26 0.68 0.00	20.13 0.70 0.00	18.99 0.70 0.00	19.21 0.68 0.00	20.20 0.70 0.00	24.71 0.86 0.00	24.54 0.80 0.00	26.01 0.84 0.00	22.01 0.63 0.00	21.43 0.60 0.00
GINNA___ 23603	21.35 -1.07 0.00	19.48 -1.10 0.00	17.71 -1.04 0.00	16.96 -1.00 0.00	17.83 -1.01 0.00	17.58 -1.01 0.00	16.68 -1.11 0.00	17.60 -1.18 0.00	16.16 -1.09 0.00	17.96 -1.14 0.00	15.71 -0.95 0.00	15.91 -1.03 0.00	16.13 -1.06 0.00	16.28 -1.06 0.00	16.53 -1.04 0.00	18.28 -1.16 0.00	17.25 -1.04 0.00	17.58 -0.95 0.00	18.52 -0.98 0.00	22.61 -1.25 0.00	22.55 -1.19 0.00	23.88 -1.29 0.00	20.23 -1.15 0.00	19.68 -1.16 0.00
GLEN PARK___ 23778	23.11 0.69 0.00	21.13 0.55 0.00	19.21 0.47 0.00	18.51 0.56 0.00	19.46 0.63 0.00	19.19 0.60 0.00	18.31 0.53 0.00	19.33 0.54 0.00	17.75 0.50 0.00	19.46 0.36 0.00	16.85 0.18 0.00	17.01 0.07 0.00	17.12 -0.06 0.00	17.16 -0.17 0.00	17.31 -0.27 0.00	19.15 -0.29 0.00	18.11 -0.18 0.00	18.64 0.10 0.00	19.84 0.34 0.00	24.61 0.75 0.00	24.88 1.14 0.00	26.47 1.30 0.00	22.44 1.06 0.00	21.73 0.90 0.00
GLENDALE_27_KV_LOAD 356172	23.69 1.27 0.00	21.68 1.10 0.00	19.73 0.98 0.00	18.88 0.93 0.00	19.73 0.90 0.00	19.48 0.89 0.00	18.78 1.00 0.00	19.86 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.59 -0.06	21.12 1.69 0.00	20.11 1.65 -0.17	20.17 1.63 0.00	21.20 1.70 0.00	25.87 2.01 0.00	25.60 1.86 0.00	27.05 1.88 0.00	22.87 1.49 0.00	22.21 1.38 0.00

GLENWOOD_IC_1_G5 23712	28.68 1.43 -4.82	21.78 1.21 0.00	19.82 1.08 0.00	18.97 1.01 0.00	19.84 1.01 0.00	19.58 0.99 0.00	45.70 1.12 -26.80	19.97 1.18 0.00	20.05 1.37 -1.43	21.06 1.37 -0.59	22.90 1.42 -4.81	28.05 1.46 -9.64	23.81 1.56 -5.06	18.83 1.50 0.00	19.18 1.60 0.00	21.14 1.71 0.00	19.80 1.51 0.00	20.05 1.51 0.00	21.49 1.60 -0.38	26.50 2.04 -0.61	25.71 1.97 0.00	27.41 2.01 -0.23	26.02 1.61 -3.03	22.30 1.47 0.00
GLENWOOD_IC_2_G1 23688	28.56 1.31 -4.82	21.69 1.11 0.00	19.74 1.00 0.00	18.89 0.93 0.00	19.75 0.92 0.00	19.51 0.91 0.00	45.61 1.03 -26.80	19.88 1.09 0.00	19.95 1.28 -1.43	20.95 1.26 -0.59	22.81 1.33 -4.81	27.96 1.37 -9.64	23.71 1.47 -5.06	18.75 1.41 0.00	19.09 1.51 0.00	21.05 1.61 0.00	19.83 1.54 0.00	20.07 1.53 0.00	21.50 1.61 -0.38	26.43 1.97 -0.61	25.57 1.84 0.00	27.28 1.87 -0.23	25.90 1.49 -3.03	22.19 1.36 0.00
GLENWOOD_IC_3_G1 23689	28.56 1.31 -4.82	21.69 1.11 0.00	19.74 1.00 0.00	18.89 0.93 0.00	19.75 0.92 0.00	19.51 0.91 0.00	45.61 1.03 -26.80	19.88 1.09 0.00	19.95 1.28 -1.43	20.95 1.26 -0.59	22.81 1.33 -4.81	27.96 1.37 -9.64	23.71 1.47 -5.06	18.75 1.41 0.00	19.09 1.51 0.00	21.05 1.61 0.00	19.83 1.54 0.00	20.07 1.53 0.00	21.50 1.61 -0.38	26.43 1.97 -0.61	25.57 1.84 0.00	27.28 1.87 -0.23	25.90 1.49 -3.03	22.19 1.36 0.00
GLENWOOD___4 23550	28.68 1.43 -4.82	21.78 1.21 0.00	19.82 1.08 0.00	18.97 1.01 0.00	19.84 1.01 0.00	19.58 0.99 0.00	45.70 1.12 -26.80	19.97 1.18 0.00	20.05 1.37 -1.43	21.06 1.37 -0.59	22.90 1.42 -4.81	28.05 1.46 -9.64	23.81 1.56 -5.06	18.83 1.50 0.00	19.18 1.60 0.00	21.15 1.71 0.00	19.84 1.55 0.00	20.09 1.56 0.00	21.54 1.65 -0.38	26.53 2.07 -0.61	25.71 1.97 0.00	27.41 2.01 -0.23	26.02 1.61 -3.03	22.30 1.47 0.00
GLENWOOD___5 23614	28.68 1.43 -4.82	21.78 1.21 0.00	19.82 1.08 0.00	18.97 1.01 0.00	19.84 1.01 0.00	19.58 0.99 0.00	45.70 1.12 -26.80	19.97 1.18 0.00	20.05 1.37 -1.43	21.06 1.37 -0.59	22.90 1.42 -4.81	28.05 1.46 -9.64	23.81 1.56 -5.06	18.83 1.50 0.00	19.18 1.60 0.00	21.15 1.71 0.00	19.84 1.55 0.00	20.09 1.56 0.00	21.54 1.65 -0.38	26.53 2.07 -0.61	25.71 1.97 0.00	27.41 2.01 -0.23	26.02 1.61 -3.03	22.30 1.47 0.00
GLOBAL GREEN_PORT_GT1 23814	29.39 2.14 -4.82	22.34 1.77 0.00	20.37 1.62 0.00	19.52 1.57 0.00	20.44 1.61 0.00	20.20 1.60 0.00	46.52 1.95 -26.80	20.66 1.87 0.00	20.66 1.99 -1.43	21.67 1.98 -0.59	23.36 1.88 -4.81	28.48 1.89 -9.64	24.26 2.02 -5.06	19.23 1.90 0.00	19.60 2.03 0.00	21.68 2.25 0.00	20.47 2.18 0.00	20.81 2.28 0.00	22.40 2.52 -0.38	27.63 3.17 -0.61	26.69 2.95 0.00	28.38 2.98 -0.23	26.84 2.43 -3.03	22.93 2.10 0.00
GLOBE___DSASP 323697	21.81 -0.61 0.00	19.85 -0.73 0.00	18.03 -0.72 0.00	17.28 -0.67 0.00	18.20 -0.63 0.00	17.93 -0.66 0.00	16.80 -0.98 0.00	17.70 -1.09 0.00	16.29 -0.96 0.00	18.20 -0.90 0.00	16.03 -0.63 0.00	16.20 -0.74 0.00	16.41 -0.78 0.00	16.50 -0.84 0.00	16.72 -0.85 0.00	18.39 -1.04 0.00	17.35 -0.94 0.00	17.77 -0.77 0.00	18.65 -0.86 0.00	22.62 -1.24 0.00	22.55 -1.19 0.00	23.86 -1.31 0.00	20.22 -1.16 0.00	19.83 -1.01 0.00
GOETHSLN___LBMP 323567	23.51 1.09 0.00	21.51 0.94 0.00	19.58 0.84 0.00	18.75 0.80 0.00	19.58 0.75 0.00	19.34 0.75 0.00	18.65 0.86 0.00	19.70 0.92 0.00	18.39 1.14 0.00	20.19 1.09 0.00	17.87 1.21 0.00	18.18 1.24 0.00	18.52 1.34 0.00	18.67 1.33 0.00	19.07 1.43 -0.06	20.95 1.52 0.00	19.96 1.49 -0.18	20.01 1.47 0.00	21.03 1.53 0.00	25.65 1.79 0.00	25.38 1.65 0.00	26.83 1.66 0.00	22.69 1.30 0.00	22.03 1.20 0.00
GOLAH___69_KV_TB 1_2 80279	22.55 0.12 0.00	20.55 -0.03 0.00	18.67 -0.07 0.00	17.89 -0.06 0.00	18.81 -0.02 0.00	18.58 -0.02 0.00	17.53 -0.26 0.00	18.50 -0.28 0.00	16.99 -0.26 0.00	18.86 -0.24 0.00	16.57 -0.09 0.00	16.79 -0.16 0.00	16.98 -0.20 0.00	17.10 -0.23 0.00	17.36 -0.22 0.00	19.18 -0.26 0.00	18.08 -0.21 0.00	18.48 -0.06 0.00	19.48 -0.03 0.00	23.78 -0.07 0.00	23.77 0.03 0.00	25.16 -0.01 0.00	21.31 -0.07 0.00	20.72 -0.11 0.00
GOODYEAR_LAKE_HYD 323669	23.32 0.90 0.00	21.34 0.76 0.00	19.40 0.66 0.00	18.57 0.61 0.00	19.47 0.64 0.00	19.23 0.64 0.00	18.42 0.63 0.00	19.50 0.72 0.00	18.01 0.76 0.00	19.95 0.84 0.00	17.42 0.76 0.00	17.69 0.75 0.00	17.93 0.75 0.00	18.06 0.72 0.00	18.34 0.76 0.00	20.30 0.87 0.00	19.11 0.82 0.00	19.40 0.87 0.00	20.47 0.96 0.00	25.06 1.20 0.00	24.93 1.19 0.00	26.38 1.21 0.00	22.37 0.99 0.00	21.76 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	22.71 0.29 0.00	20.76 0.18 0.00	18.87 0.12 0.00	18.07 0.11 0.00	18.95 0.12 0.00	18.70 0.11 0.00	17.87 0.09 0.00	18.93 0.14 0.00	17.47 0.23 0.00	19.33 0.23 0.00	16.94 0.28 0.00	17.20 0.26 0.00	17.43 0.25 0.00	17.57 0.23 0.00	17.83 0.26 0.00	19.74 0.31 0.00	18.60 0.31 0.00	18.90 0.37 0.00	19.90 0.40 0.00	24.36 0.51 0.00	24.20 0.47 0.00	25.57 0.40 0.00	21.71 0.33 0.00	21.11 0.28 0.00
GOUDEY___7 23579	22.72 0.30 0.00	20.77 0.20 0.00	18.88 0.13 0.00	18.08 0.12 0.00	18.96 0.13 0.00	18.72 0.12 0.00	17.88 0.10 0.00	18.94 0.15 0.00	17.48 0.24 0.00	19.34 0.24 0.00	16.95 0.29 0.00	17.22 0.28 0.00	17.44 0.26 0.00	17.59 0.25 0.00	17.85 0.27 0.00	19.76 0.33 0.00	18.62 0.33 0.00	18.92 0.38 0.00	19.92 0.42 0.00	24.38 0.53 0.00	24.22 0.49 0.00	25.59 0.42 0.00	21.73 0.35 0.00	21.13 0.30 0.00
GOUDEY___8 23580	22.71 0.29 0.00	20.76 0.18 0.00	18.87 0.12 0.00	18.07 0.11 0.00	18.95 0.12 0.00	18.70 0.11 0.00	17.87 0.09 0.00	18.93 0.14 0.00	17.47 0.23 0.00	19.33 0.23 0.00	16.94 0.28 0.00	17.20 0.26 0.00	17.43 0.25 0.00	17.57 0.23 0.00	17.83 0.26 0.00	19.74 0.31 0.00	18.60 0.31 0.00	18.90 0.37 0.00	19.90 0.40 0.00	24.36 0.51 0.00	24.20 0.47 0.00	25.57 0.40 0.00	21.71 0.33 0.00	21.11 0.28 0.00
GOWANUS_GT1_1 24077	23.71 1.28 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
GOWANUS_GT1_2 24078	23.71 1.28 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00

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GREENBSH_115KV_TB3 55895	22.98 0.56 0.00	21.09 0.51 0.00	19.29 0.54 0.00	18.47 0.51 0.00	19.36 0.54 0.00	19.11 0.52 0.00	18.28 0.50 0.00	19.25 0.46 0.00	17.70 0.45 0.00	19.45 0.35 0.00	17.09 0.42 0.00	17.36 0.42 0.00	17.67 0.49 0.00	17.83 0.49 0.00	18.09 0.51 0.00	19.88 0.45 0.00	18.77 0.48 0.00	18.95 0.42 0.00	19.92 0.41 0.00	24.39 0.53 0.00	24.21 0.48 0.00	25.71 0.54 0.00	21.72 0.34 0.00	21.16 0.33 0.00
GREENDGE_115KV_TB5 80291	22.62 0.20 0.00	20.60 0.02 0.00	18.70 -0.04 0.00	17.93 -0.03 0.00	18.82 -0.01 0.00	18.57 -0.02 0.00	17.67 -0.11 0.00	18.75 -0.04 0.00	17.28 0.04 0.00	19.09 -0.01 0.00	16.70 0.03 0.00	16.92 -0.02 0.00	17.13 -0.05 0.00	17.30 -0.04 0.00	17.55 -0.03 0.00	19.46 0.02 0.00	18.39 0.10 0.00	18.79 0.25 0.00	19.81 0.30 0.00	24.29 0.44 0.00	24.19 0.46 0.00	25.55 0.38 0.00	21.67 0.29 0.00	21.04 0.21 0.00
GREENIDGE___3 23582	22.62 0.20 0.00	20.60 0.02 0.00	18.70 -0.04 0.00	17.93 -0.03 0.00	18.82 -0.01 0.00	18.57 -0.02 0.00	17.67 -0.11 0.00	18.75 -0.04 0.00	17.28 0.04 0.00	19.09 -0.01 0.00	16.70 0.03 0.00	16.92 -0.02 0.00	17.13 -0.05 0.00	17.30 -0.04 0.00	17.55 -0.03 0.00	19.46 0.02 0.00	18.39 0.10 0.00	18.79 0.25 0.00	19.81 0.30 0.00	24.29 0.44 0.00	24.19 0.46 0.00	25.55 0.38 0.00	21.67 0.29 0.00	21.04 0.21 0.00
GREENIDGE___4 23583	22.63 0.20 0.00	20.59 0.02 0.00	18.70 -0.04 0.00	17.93 -0.03 0.00	18.82 -0.01 0.00	18.57 -0.02 0.00	17.67 -0.11 0.00	18.75 -0.04 0.00	17.28 0.04 0.00	19.09 -0.01 0.00	16.69 0.03 0.00	16.92 -0.02 0.00	17.13 -0.05 0.00	17.30 -0.04 0.00	17.55 -0.03 0.00	19.46 0.02 0.00	18.40 0.11 0.00	18.79 0.25 0.00	19.81 0.31 0.00	24.29 0.44 0.00	24.19 0.45 0.00	25.55 0.38 0.00	21.67 0.29 0.00	21.04 0.21 0.00
GREENLWN_69_KV_BK 3 55738	28.69 1.44 -4.82	21.76 1.18 0.00	19.80 1.05 0.00	18.94 0.99 0.00	19.81 0.99 0.00	19.57 0.97 0.00	45.73 1.15 -26.80	19.98 1.20 0.00	20.06 1.39 -1.43	21.04 1.35 -0.59	22.85 1.37 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.64 1.31 0.00	18.98 1.40 0.00	20.94 1.51 0.00	19.71 1.42 0.00	19.96 1.42 0.00	21.44 1.56 -0.38	26.43 1.97 -0.61	25.53 1.80 0.00	27.24 1.84 -0.23	25.98 1.57 -3.03	22.23 1.40 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	23.71 1.28 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
GRISSOM___SOLAR 323813	24.67 2.24 0.00	22.59 2.01 0.00	20.54 1.79 0.00	19.67 1.71 0.00	20.63 1.81 0.00	20.39 1.79 0.00	19.44 1.65 0.00	20.60 1.81 0.00	18.89 1.64 0.00	20.99 1.89 0.00	18.01 1.35 0.00	18.25 1.30 0.00	18.69 1.51 0.00	18.75 1.42 0.00	19.05 1.47 0.00	20.83 1.39 0.00	19.72 1.43 0.00	20.09 1.55 0.00	21.42 1.91 0.00	26.45 2.60 0.00	26.45 2.71 0.00	28.07 2.90 0.00	23.76 2.38 0.00	23.03 2.20 0.00
GROVEVILLE___HYD 323602	23.72 1.30 0.00	21.70 1.13 0.00	19.76 1.01 0.00	18.90 0.95 0.00	19.78 0.95 0.00	19.53 0.94 0.00	18.79 1.01 0.00	19.86 1.07 0.00	18.47 1.22 0.00	20.31 1.21 0.00	17.91 1.25 0.00	18.23 1.29 0.00	18.57 1.39 0.00	18.72 1.38 0.00	19.05 1.48 0.00	21.01 1.58 0.00	19.83 1.55 0.00	20.09 1.56 0.00	21.14 1.63 0.00	25.81 1.96 0.00	25.58 1.84 0.00	27.04 1.87 0.00	22.84 1.46 0.00	22.18 1.36 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
HAMLTNNY_34_KV_TB 80303	22.43 0.01 0.00	20.52 -0.05 0.00	18.67 -0.08 0.00	17.88 -0.08 0.00	18.76 -0.07 0.00	18.52 -0.08 0.00	17.67 -0.11 0.00	18.67 -0.12 0.00	17.13 -0.11 0.00	18.95 -0.16 0.00	16.50 -0.16 0.00	16.76 -0.18 0.00	16.99 -0.19 0.00	17.15 -0.19 0.00	17.42 -0.16 0.00	19.33 -0.10 0.00	18.24 -0.05 0.00	18.50 -0.03 0.00	19.49 -0.02 0.00	23.82 -0.03 0.00	23.71 -0.02 0.00	25.12 -0.06 0.00	21.38 0.00 0.00	20.81 -0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	22.67 0.25 0.00	20.80 0.22 0.00	18.93 0.19 0.00	18.21 0.25 0.00	19.12 0.29 0.00	18.86 0.26 0.00	18.03 0.24 0.00	19.09 0.30 0.00	17.50 0.26 0.00	19.40 0.30 0.00	16.83 0.16 0.00	17.05 0.10 0.00	17.20 0.02 0.00	17.30 -0.03 0.00	17.48 -0.10 0.00	19.31 -0.12 0.00	18.22 -0.07 0.00	18.62 0.09 0.00	19.71 0.21 0.00	24.27 0.41 0.00	24.31 0.57 0.00	25.81 0.63 0.00	21.87 0.49 0.00	21.25 0.42 0.00
HARDSCRABBLE_WT_PWR 323673	22.51 0.08 0.00	20.63 0.05 0.00	18.84 0.09 0.00	18.05 0.10 0.00	18.93 0.11 0.00	18.72 0.13 0.00	17.92 0.13 0.00	18.90 0.11 0.00	17.46 0.21 0.00	19.16 0.06 0.00	16.78 0.11 0.00	17.03 0.09 0.00	17.32 0.14 0.00	17.46 0.12 0.00	17.66 0.08 0.00	19.39 -0.05 0.00	18.29 0.00 0.00	18.51 -0.03 0.00	19.61 0.11 0.00	24.12 0.27 0.00	23.94 0.20 0.00	25.43 0.26 0.00	21.53 0.15 0.00	20.94 0.11 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.60 1.18 0.00	21.58 1.00 0.00	19.63 0.89 0.00	18.78 0.83 0.00	19.66 0.83 0.00	19.40 0.81 0.00	18.65 0.86 0.00	19.72 0.94 0.00	18.34 1.09 0.00	20.18 1.08 0.00	17.79 1.13 0.00	18.13 1.18 0.00	18.47 1.29 0.00	18.61 1.28 0.00	18.95 1.37 0.00	20.92 1.49 0.00	19.73 1.45 0.00	20.00 1.46 0.00	21.03 1.53 0.00	25.69 1.83 0.00	25.44 1.70 0.00	26.89 1.72 0.00	22.72 1.34 0.00	22.09 1.25 0.00
HARSNRAD_115KV_TB1 81005	22.16 -0.26 0.00	20.15 -0.43 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.23 -0.37 0.00	17.05 -0.73 0.00	17.97 -0.82 0.00	16.54 -0.70 0.00	18.47 -0.63 0.00	16.28 -0.38 0.00	16.46 -0.48 0.00	16.65 -0.53 0.00	16.76 -0.58 0.00	16.98 -0.59 0.00	18.70 -0.74 0.00	17.64 -0.65 0.00	18.08 -0.46 0.00	18.99 -0.52 0.00	23.09 -0.76 0.00	23.12 -0.61 0.00	24.45 -0.72 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
HARZA MOOSE___RIVER 24016	22.89 0.47 0.00	20.98 0.40 0.00	19.10 0.35 0.00	18.36 0.40 0.00	19.28 0.45 0.00	19.02 0.42 0.00	18.16 0.38 0.00	19.19 0.41 0.00	17.65 0.40 0.00	19.48 0.38 0.00	16.95 0.28 0.00	17.16 0.21 0.00	17.34 0.16 0.00	17.44 0.10 0.00	17.64 0.06 0.00	19.50 0.06 0.00	18.41 0.12 0.00	18.79 0.25 0.00	19.91 0.41 0.00	24.51 0.65 0.00	24.51 0.77 0.00	26.00 0.83 0.00	22.05 0.68 0.00	21.42 0.59 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	22.31 -0.11 0.00	20.42 -0.16 0.00	18.58 -0.16 0.00	17.79 -0.16 0.00	18.67 -0.15 0.00	18.43 -0.16 0.00	17.59 -0.19 0.00	18.57 -0.22 0.00	17.04 -0.20 0.00	18.84 -0.26 0.00	16.41 -0.25 0.00	16.66 -0.28 0.00	16.89 -0.29 0.00	17.05 -0.29 0.00	17.30 -0.27 0.00	19.21 -0.23 0.00	18.11 -0.18 0.00	18.36 -0.17 0.00	19.34 -0.16 0.00	23.64 -0.21 0.00	23.54 -0.20 0.00	24.95 -0.22 0.00	21.26 -0.12 0.00	20.69 -0.15 0.00
HELLGATE_13_KV_LD 55870	23.58 1.15 0.00	21.59 1.01 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.27 1.33 0.00	18.60 1.42 0.00	18.75 1.41 0.00	19.14 1.50 -0.06	21.02 1.58 0.00	20.01 1.55 -0.17	20.06 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	23.58 1.15 0.00	21.59 1.01 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.27 1.33 0.00	18.60 1.42 0.00	18.75 1.41 0.00	19.14 1.50 -0.06	21.02 1.58 0.00	20.01 1.55 -0.17	20.06 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
HEMPSTEAD____ 23647	28.67 1.42 -4.82	21.75 1.17 0.00	19.79 1.05 0.00	18.93 0.98 0.00	19.81 0.98 0.00	19.56 0.97 0.00	45.69 1.11 -26.80	19.96 1.17 0.00	20.04 1.36 -1.43	21.03 1.34 -0.59	22.86 1.38 -4.81	27.99 1.40 -9.64	23.75 1.50 -5.06	18.74 1.40 0.00	19.09 1.51 0.00	21.06 1.62 0.00	19.78 1.49 0.00	20.04 1.50 0.00	21.50 1.62 -0.38	26.48 2.02 -0.61	25.62 1.88 0.00	27.33 1.93 -0.23	26.00 1.59 -3.03	22.25 1.42 0.00
HEWLETT__69_KV_BK3 55828	28.93 1.69 -4.82	21.99 1.41 0.00	20.00 1.25 0.00	19.13 1.17 0.00	20.00 1.18 0.00	19.76 1.16 0.00	45.89 1.31 -26.80	20.16 1.37 0.00	20.23 1.56 -1.43	21.24 1.54 -0.59	22.97 1.49 -4.81	28.17 1.58 -9.64	23.94 1.69 -5.06	18.92 1.58 0.00	19.27 1.70 0.00	21.26 1.83 0.00	20.01 1.72 0.00	20.26 1.73 0.00	21.73 1.85 -0.38	26.75 2.29 -0.61	25.87 2.14 0.00	27.63 2.23 -0.23	26.25 1.84 -3.03	22.49 1.66 0.00
HICKLING___1 23621	22.75 0.33 0.00	20.70 0.12 0.00	18.78 0.04 0.00	18.00 0.04 0.00	18.89 0.06 0.00	18.62 0.03 0.00	17.74 -0.04 0.00	18.84 0.06 0.00	17.43 0.18 0.00	19.27 0.17 0.00	16.93 0.27 0.00	17.20 0.25 0.00	17.42 0.23 0.00	17.57 0.23 0.00	17.81 0.23 0.00	19.74 0.31 0.00	18.61 0.32 0.00	19.02 0.49 0.00	20.04 0.54 0.00	24.56 0.71 0.00	24.41 0.67 0.00	25.72 0.55 0.00	21.83 0.44 0.00	21.20 0.37 0.00
HICKLING___2 23622	22.75 0.33 0.00	20.70 0.12 0.00	18.78 0.04 0.00	18.00 0.04 0.00	18.89 0.06 0.00	18.62 0.03 0.00	17.74 -0.04 0.00	18.84 0.06 0.00	17.43 0.18 0.00	19.27 0.17 0.00	16.93 0.27 0.00	17.20 0.25 0.00	17.42 0.23 0.00	17.57 0.23 0.00	17.81 0.23 0.00	19.74 0.31 0.00	18.61 0.32 0.00	19.02 0.49 0.00	20.04 0.54 0.00	24.56 0.71 0.00	24.41 0.67 0.00	25.72 0.55 0.00	21.83 0.44 0.00	21.20 0.37 0.00
HIGH FALLS___HY 23754	23.55 1.13 0.00	21.50 0.92 0.00	19.53 0.79 0.00	18.68 0.73 0.00	19.57 0.74 0.00	19.32 0.73 0.00	18.60 0.82 0.00	19.70 0.91 0.00	18.32 1.08 0.00	20.12 1.02 0.00	17.74 1.07 0.00	18.04 1.10 0.00	18.42 1.24 0.00	18.57 1.23 0.00	18.91 1.34 0.00	20.87 1.44 0.00	19.68 1.39 0.00	19.96 1.42 0.00	21.05 1.55 0.00	25.75 1.90 0.00	25.51 1.78 0.00	26.96 1.79 0.00	22.78 1.40 0.00	22.11 1.28 0.00
HILLBURN___GT 23639	23.55 1.13 0.00	21.54 0.97 0.00	19.59 0.85 0.00	18.74 0.79 0.00	19.61 0.78 0.00	19.35 0.76 0.00	18.61 0.83 0.00	19.69 0.90 0.00	18.33 1.08 0.00	20.17 1.07 0.00	17.81 1.14 0.00	18.13 1.19 0.00	18.48 1.30 0.00	18.62 1.28 0.00	18.95 1.38 0.00	20.92 1.49 0.00	19.74 1.45 0.00	19.99 1.45 0.00	21.01 1.51 0.00	25.64 1.79 0.00	25.39 1.66 0.00	26.85 1.68 0.00	22.68 1.30 0.00	22.05 1.22 0.00
HILLSIDE_115KV_TB1 80332	22.45 0.03 0.00	20.46 -0.12 0.00	18.56 -0.18 0.00	17.78 -0.17 0.00	18.66 -0.17 0.00	18.40 -0.19 0.00	17.57 -0.21 0.00	18.67 -0.11 0.00	17.27 0.02 0.00	19.11 0.01 0.00	16.82 0.16 0.00	17.09 0.14 0.00	17.30 0.11 0.00	17.45 0.11 0.00	17.69 0.11 0.00	19.59 0.16 0.00	18.46 0.17 0.00	18.81 0.28 0.00	19.80 0.30 0.00	24.25 0.40 0.00	24.06 0.32 0.00	25.34 0.17 0.00	21.52 0.14 0.00	20.92 0.08 0.00
HISHELDN_WT_PWR 323625	22.30 -0.12 0.00	20.26 -0.32 0.00	18.42 -0.32 0.00	17.67 -0.29 0.00	18.58 -0.25 0.00	18.27 -0.33 0.00	17.14 -0.64 0.00	18.12 -0.67 0.00	16.76 -0.49 0.00	18.66 -0.43 0.00	16.42 -0.24 0.00	16.62 -0.32 0.00	16.81 -0.37 0.00	16.94 -0.40 0.00	17.17 -0.41 0.00	18.97 -0.47 0.00	17.88 -0.41 0.00	18.32 -0.21 0.00	19.30 -0.21 0.00	23.58 -0.27 0.00	23.55 -0.18 0.00	24.89 -0.28 0.00	21.08 -0.30 0.00	20.55 -0.28 0.00
HOLTSVILLE_IC_1 23690	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.34 0.00	19.01 1.44 0.00	20.98 1.55 0.00	19.76 1.47 0.00	20.01 1.47 0.00	21.52 1.64 -0.38	26.58 2.12 -0.61	25.69 1.95 0.00	27.39 1.99 -0.23	26.07 1.66 -3.03	22.27 1.44 0.00
HOLTSVILLE_IC_10 23699	28.83 1.59 -4.82	21.86 1.28 0.00	19.91 1.17 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.12 0.00	45.95 1.37 -26.80	20.12 1.34 0.00	20.18 1.51 -1.43	21.14 1.44 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.78 1.53 -5.06	18.73 1.40 0.00	19.08 1.50 0.00	21.06 1.63 0.00	19.84 1.55 0.00	20.09 1.55 0.00	21.62 1.74 -0.38	26.71 2.25 -0.61	25.81 2.08 0.00	27.51 2.11 -0.23	26.16 1.75 -3.03	22.35 1.52 0.00
HOLTSVILLE_IC_2 23691	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.34 0.00	19.01 1.44 0.00	20.98 1.55 0.00	19.76 1.47 0.00	20.01 1.47 0.00	21.52 1.64 -0.38	26.58 2.12 -0.61	25.69 1.95 0.00	27.39 1.99 -0.23	26.07 1.66 -3.03	22.27 1.44 0.00
HOLTSVILLE_IC_3 23692	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.34 0.00	19.01 1.44 0.00	20.98 1.55 0.00	19.76 1.47 0.00	20.01 1.47 0.00	21.52 1.64 -0.38	26.58 2.12 -0.61	25.69 1.95 0.00	27.39 1.99 -0.23	26.07 1.66 -3.03	22.27 1.44 0.00

HOLTSVILLE_IC_4 23693	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.34 0.00	19.01 1.44 0.00	20.98 1.55 0.00	19.76 1.47 0.00	20.01 1.47 0.00	21.52 1.64 -0.38	26.58 2.12 -0.61	25.69 1.95 0.00	27.39 1.99 -0.23	26.07 1.66 -3.03	22.27 1.44 0.00
HOLTSVILLE_IC_5 23694	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.34 0.00	19.01 1.44 0.00	20.98 1.55 0.00	19.76 1.47 0.00	20.01 1.47 0.00	21.52 1.64 -0.38	26.58 2.12 -0.61	25.69 1.95 0.00	27.39 1.99 -0.23	26.07 1.66 -3.03	22.27 1.44 0.00
HOLTSVILLE_IC_6 23695	28.83 1.59 -4.82	21.86 1.28 0.00	19.91 1.17 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.12 0.00	45.95 1.37 -26.80	20.12 1.34 0.00	20.18 1.51 -1.43	21.14 1.44 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.78 1.53 -5.06	18.73 1.40 0.00	19.08 1.50 0.00	21.06 1.63 0.00	19.84 1.55 0.00	20.09 1.55 0.00	21.62 1.74 -0.38	26.71 2.25 -0.61	25.81 2.08 0.00	27.51 2.11 -0.23	26.16 1.75 -3.03	22.35 1.52 0.00
HOLTSVILLE_IC_7 23696	28.83 1.59 -4.82	21.86 1.28 0.00	19.91 1.17 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.12 0.00	45.95 1.37 -26.80	20.12 1.34 0.00	20.18 1.51 -1.43	21.14 1.44 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.78 1.53 -5.06	18.73 1.40 0.00	19.08 1.50 0.00	21.06 1.63 0.00	19.84 1.55 0.00	20.09 1.55 0.00	21.62 1.74 -0.38	26.71 2.25 -0.61	25.81 2.08 0.00	27.51 2.11 -0.23	26.16 1.75 -3.03	22.35 1.52 0.00
HOLTSVILLE_IC_8 23697	28.83 1.59 -4.82	21.86 1.28 0.00	19.91 1.17 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.12 0.00	45.95 1.37 -26.80	20.12 1.34 0.00	20.18 1.51 -1.43	21.14 1.44 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.78 1.53 -5.06	18.73 1.40 0.00	19.08 1.50 0.00	21.06 1.63 0.00	19.84 1.55 0.00	20.09 1.55 0.00	21.62 1.74 -0.38	26.71 2.25 -0.61	25.81 2.08 0.00	27.51 2.11 -0.23	26.16 1.75 -3.03	22.35 1.52 0.00
HOLTSVILLE_IC_9 23698	28.83 1.59 -4.82	21.86 1.28 0.00	19.91 1.17 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.12 0.00	45.95 1.37 -26.80	20.12 1.34 0.00	20.18 1.51 -1.43	21.14 1.44 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.78 1.53 -5.06	18.73 1.40 0.00	19.08 1.50 0.00	21.06 1.63 0.00	19.84 1.55 0.00	20.09 1.55 0.00	21.62 1.74 -0.38	26.71 2.25 -0.61	25.81 2.08 0.00	27.51 2.11 -0.23	26.16 1.75 -3.03	22.35 1.52 0.00
HOMER_HL_115KV_TB2 355744	22.75 0.33 0.00	20.72 0.14 0.00	18.80 0.06 0.00	18.01 0.06 0.00	18.93 0.10 0.00	18.64 0.05 0.00	17.62 -0.16 0.00	18.74 -0.05 0.00	17.34 0.10 0.00	19.32 0.22 0.00	17.13 0.46 0.00	17.29 0.35 0.00	17.40 0.22 0.00	17.53 0.20 0.00	17.76 0.18 0.00	19.63 0.19 0.00	18.50 0.21 0.00	18.89 0.35 0.00	19.83 0.33 0.00	24.23 0.38 0.00	24.09 0.36 0.00	25.38 0.21 0.00	21.47 0.09 0.00	20.95 0.11 0.00
HOWARD_WT_PWR 323690	22.60 0.18 0.00	20.29 -0.29 0.00	18.38 -0.36 0.00	17.66 -0.29 0.00	18.57 -0.26 0.00	18.33 -0.26 0.00	17.25 -0.53 0.00	18.24 -0.54 0.00	16.95 -0.30 0.00	18.80 -0.30 0.00	16.47 -0.20 0.00	16.72 -0.23 0.00	16.91 -0.28 0.00	17.12 -0.22 0.00	17.36 -0.22 0.00	19.24 -0.20 0.00	18.10 -0.19 0.00	18.67 0.13 0.00	19.80 0.29 0.00	24.35 0.49 0.00	24.32 0.58 0.00	25.70 0.53 0.00	21.79 0.41 0.00	21.18 0.35 0.00
HQ_GEN_CEDARS 23644	22.30 -0.12 0.00	20.52 -0.06 0.00	18.68 -0.06 0.00	17.91 -0.04 0.00	18.79 -0.05 0.00	18.53 -0.06 0.00	17.74 -0.04 0.00	18.83 0.05 0.00	17.20 -0.04 0.00	19.21 0.11 0.00	16.67 0.00 0.00	16.95 0.01 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.48 -0.09 0.00	19.32 -0.12 0.00	18.18 -0.11 0.00	18.48 -0.06 0.00	19.44 -0.06 0.00	23.80 -0.05 0.00	23.76 0.03 0.00	25.21 0.04 0.00	21.36 -0.02 0.00	20.81 -0.02 0.00
HQ_GEN_CEDARS_PROXY 323590	22.30 -0.12 0.00	20.52 -0.06 0.00	18.68 -0.06 0.00	17.91 -0.04 0.00	18.79 -0.05 0.00	18.53 -0.06 0.00	17.74 -0.04 0.00	18.83 0.05 0.00	17.20 -0.04 0.00	19.21 0.11 0.00	16.67 0.00 0.00	16.95 0.01 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.48 -0.09 0.00	19.32 -0.11 0.00	18.18 -0.11 0.00	18.73 -0.06 -0.25	19.44 -0.06 0.00	23.80 -0.05 0.00	23.76 0.03 0.00	25.21 0.04 0.00	21.36 -0.02 0.00	20.81 -0.02 0.00
HQ_GEN_IMPORT 323601	22.17 -0.25 0.00	20.40 -0.18 0.00	18.58 -0.16 0.00	17.80 -0.15 0.00	18.67 -0.16 0.00	18.41 -0.18 0.00	17.62 -0.16 0.00	18.66 -0.13 0.00	17.04 -0.21 0.00	19.01 -0.09 0.00	16.52 -0.14 0.00	16.81 -0.13 0.00	17.01 -0.17 0.00	17.17 -0.16 0.00	17.37 -0.20 0.00	19.20 -0.23 0.00	18.06 -0.23 0.00	18.32 -0.21 0.00	19.28 -0.23 0.00	23.58 -0.27 0.00	23.50 -0.23 0.00	24.93 -0.24 0.00	21.16 -0.22 0.00	20.64 -0.19 0.00
HQ_GEN_WHEEL 23651	22.17 -0.25 0.00	20.40 -0.18 0.00	18.58 -0.16 0.00	17.80 -0.15 0.00	18.67 -0.16 0.00	18.41 -0.18 0.00	17.62 -0.16 0.00	18.66 -0.13 0.00	17.04 -0.21 0.00	19.01 -0.09 0.00	16.52 -0.14 0.00	16.81 -0.13 0.00	17.01 -0.17 0.00	17.17 -0.16 0.00	17.37 -0.20 0.00	19.20 -0.23 0.00	18.06 -0.23 0.00	18.32 -0.21 0.00	19.28 -0.23 0.00	23.58 -0.27 0.00	23.50 -0.23 0.00	24.93 -0.24 0.00	21.16 -0.22 0.00	20.64 -0.19 0.00
HUDSON_AVE_GT_3 23810	23.62 1.20 0.00	21.61 1.03 0.00	19.68 0.94 0.00	18.83 0.88 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.95 0.00	19.81 1.02 0.00	18.48 1.24 0.00	20.31 1.21 0.00	17.96 1.30 0.00	18.29 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.06 1.60 -0.18	20.10 1.57 0.00	21.14 1.63 0.00	25.79 1.93 0.00	25.52 1.79 0.00	26.96 1.79 0.00	22.80 1.42 0.00	22.15 1.32 0.00
HUDSON_AVE_GT_4 23540	23.62 1.20 0.00	21.61 1.03 0.00	19.68 0.94 0.00	18.83 0.88 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.95 0.00	19.81 1.02 0.00	18.48 1.24 0.00	20.31 1.21 0.00	17.96 1.30 0.00	18.29 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.06 1.60 -0.18	20.10 1.57 0.00	21.14 1.63 0.00	25.79 1.93 0.00	25.52 1.79 0.00	26.96 1.79 0.00	22.80 1.42 0.00	22.15 1.32 0.00
HUDSON_AVE_GT_5 23657	23.62 1.20 0.00	21.61 1.03 0.00	19.68 0.94 0.00	18.83 0.88 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.95 0.00	19.81 1.02 0.00	18.48 1.24 0.00	20.31 1.21 0.00	17.96 1.30 0.00	18.29 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.06 1.60 -0.18	20.10 1.57 0.00	21.14 1.63 0.00	25.79 1.93 0.00	25.52 1.79 0.00	26.96 1.79 0.00	22.80 1.42 0.00	22.15 1.32 0.00

HUDSON_AVE_10 24168	23.57 1.14 0.00	21.57 0.99 0.00	19.64 0.89 0.00	18.79 0.84 0.00	19.63 0.81 0.00	19.39 0.80 0.00	18.69 0.91 0.00	19.76 0.97 0.00	18.44 1.19 0.00	20.26 1.16 0.00	17.91 1.24 0.00	18.24 1.30 0.00	18.57 1.39 0.00	18.72 1.38 0.00	19.11 1.47 -0.06	20.99 1.55 0.00	20.00 1.53 -0.18	20.03 1.50 0.00	21.06 1.56 0.00	25.69 1.84 0.00	25.43 1.70 0.00	26.88 1.71 0.00	22.75 1.36 0.00	22.09 1.26 0.00
HUDSON___115KV_TB 4 355613	23.39 0.97 0.00	21.45 0.88 0.00	19.61 0.87 0.00	18.78 0.82 0.00	19.71 0.88 0.00	19.45 0.86 0.00	18.59 0.81 0.00	19.56 0.78 0.00	17.96 0.72 0.00	19.71 0.61 0.00	17.26 0.59 0.00	17.53 0.59 0.00	17.83 0.65 0.00	18.03 0.69 0.00	18.29 0.71 0.00	20.09 0.65 0.00	18.99 0.70 0.00	19.21 0.68 0.00	20.23 0.73 0.00	24.81 0.95 0.00	24.69 0.95 0.00	26.22 1.05 0.00	22.12 0.75 0.00	21.53 0.69 0.00
HUNTER MOUNT___DRP 323613	23.50 1.08 0.00	21.55 0.97 0.00	19.71 0.96 0.00	18.87 0.92 0.00	19.81 0.98 0.00	19.56 0.96 0.00	18.68 0.89 0.00	19.64 0.85 0.00	18.00 0.75 0.00	19.75 0.65 0.00	17.26 0.59 0.00	17.53 0.59 0.00	17.82 0.64 0.00	18.03 0.69 0.00	18.28 0.70 0.00	20.08 0.65 0.00	18.99 0.70 0.00	19.24 0.71 0.00	20.24 0.74 0.00	24.84 0.99 0.00	24.76 1.02 0.00	26.31 1.14 0.00	22.19 0.81 0.00	21.59 0.76 0.00
HUNTINGTON_RES_REC 323705	28.76 1.52 -4.82	21.80 1.22 0.00	19.84 1.09 0.00	18.99 1.03 0.00	19.86 1.04 0.00	19.62 1.03 0.00	45.81 1.23 -26.80	20.04 1.25 0.00	20.10 1.43 -1.43	21.08 1.38 -0.59	22.86 1.39 -4.81	27.98 1.39 -9.64	23.74 1.50 -5.06	18.67 1.34 0.00	19.02 1.44 0.00	21.00 1.57 0.00	19.78 1.49 0.00	20.02 1.48 0.00	21.53 1.65 -0.38	26.59 2.13 -0.61	25.68 1.95 0.00	27.39 1.99 -0.23	26.08 1.67 -3.03	22.30 1.46 0.00
HUNTLEY___63 23557	22.30 -0.12 0.00	20.28 -0.30 0.00	18.43 -0.32 0.00	17.67 -0.28 0.00	18.60 -0.23 0.00	18.32 -0.27 0.00	17.18 -0.61 0.00	18.11 -0.67 0.00	16.69 -0.55 0.00	18.63 -0.47 0.00	16.43 -0.24 0.00	16.61 -0.33 0.00	16.81 -0.37 0.00	16.92 -0.41 0.00	17.16 -0.42 0.00	18.89 -0.55 0.00	17.82 -0.46 0.00	18.26 -0.28 0.00	19.18 -0.33 0.00	23.29 -0.56 0.00	23.27 -0.47 0.00	24.61 -0.56 0.00	20.83 -0.55 0.00	20.35 -0.48 0.00
HUNTLEY___64 23558	22.30 -0.12 0.00	20.28 -0.30 0.00	18.43 -0.32 0.00	17.67 -0.28 0.00	18.60 -0.23 0.00	18.32 -0.27 0.00	17.18 -0.61 0.00	18.11 -0.67 0.00	16.69 -0.55 0.00	18.63 -0.47 0.00	16.43 -0.24 0.00	16.61 -0.33 0.00	16.81 -0.37 0.00	16.92 -0.41 0.00	17.16 -0.42 0.00	18.89 -0.55 0.00	17.82 -0.46 0.00	18.26 -0.28 0.00	19.18 -0.33 0.00	23.29 -0.56 0.00	23.27 -0.47 0.00	24.61 -0.56 0.00	20.83 -0.55 0.00	20.35 -0.48 0.00
HUNTLEY___65 23559	22.30 -0.12 0.00	20.28 -0.30 0.00	18.43 -0.32 0.00	17.67 -0.28 0.00	18.60 -0.23 0.00	18.32 -0.27 0.00	17.18 -0.61 0.00	18.11 -0.67 0.00	16.69 -0.55 0.00	18.63 -0.47 0.00	16.43 -0.24 0.00	16.61 -0.33 0.00	16.81 -0.37 0.00	16.92 -0.41 0.00	17.16 -0.42 0.00	18.89 -0.55 0.00	17.82 -0.46 0.00	18.26 -0.28 0.00	19.18 -0.33 0.00	23.29 -0.56 0.00	23.27 -0.47 0.00	24.61 -0.56 0.00	20.83 -0.55 0.00	20.35 -0.48 0.00
HUNTLEY___66 23560	22.30 -0.12 0.00	20.28 -0.30 0.00	18.43 -0.32 0.00	17.67 -0.28 0.00	18.60 -0.23 0.00	18.32 -0.27 0.00	17.18 -0.61 0.00	18.11 -0.67 0.00	16.69 -0.55 0.00	18.63 -0.47 0.00	16.43 -0.24 0.00	16.61 -0.33 0.00	16.81 -0.37 0.00	16.92 -0.41 0.00	17.16 -0.42 0.00	18.89 -0.55 0.00	17.82 -0.46 0.00	18.26 -0.28 0.00	19.18 -0.33 0.00	23.29 -0.56 0.00	23.27 -0.47 0.00	24.61 -0.56 0.00	20.83 -0.55 0.00	20.35 -0.48 0.00
HUNTLEY___67 23561	22.19 -0.23 0.00	20.18 -0.40 0.00	18.34 -0.41 0.00	17.58 -0.37 0.00	18.51 -0.33 0.00	18.22 -0.37 0.00	17.11 -0.68 0.00	18.05 -0.73 0.00	16.64 -0.60 0.00	18.57 -0.53 0.00	16.37 -0.30 0.00	16.55 -0.39 0.00	16.74 -0.44 0.00	16.85 -0.48 0.00	17.08 -0.49 0.00	18.82 -0.61 0.00	17.75 -0.54 0.00	18.18 -0.36 0.00	19.09 -0.42 0.00	23.22 -0.63 0.00	23.22 -0.52 0.00	24.55 -0.62 0.00	20.77 -0.61 0.00	20.27 -0.55 0.00
HUNTLEY___68 23562	22.19 -0.23 0.00	20.18 -0.40 0.00	18.34 -0.41 0.00	17.58 -0.37 0.00	18.51 -0.33 0.00	18.22 -0.37 0.00	17.11 -0.68 0.00	18.05 -0.73 0.00	16.64 -0.60 0.00	18.57 -0.53 0.00	16.37 -0.30 0.00	16.55 -0.39 0.00	16.74 -0.44 0.00	16.85 -0.48 0.00	17.08 -0.49 0.00	18.82 -0.61 0.00	17.75 -0.54 0.00	18.18 -0.36 0.00	19.09 -0.42 0.00	23.22 -0.63 0.00	23.22 -0.52 0.00	24.55 -0.62 0.00	20.77 -0.61 0.00	20.27 -0.55 0.00
HYLAND___LFGE 323620	23.24 0.82 0.00	21.05 0.48 0.00	19.12 0.37 0.00	18.33 0.37 0.00	19.26 0.43 0.00	19.00 0.40 0.00	17.96 0.17 0.00	18.92 0.13 0.00	17.02 -0.23 0.00	18.86 -0.24 0.00	16.54 -0.13 0.00	16.77 -0.18 0.00	16.98 -0.20 0.00	17.14 -0.20 0.00	17.39 -0.19 0.00	19.24 -0.19 0.00	18.13 -0.15 0.00	18.59 0.05 0.00	19.61 0.11 0.00	24.30 0.45 0.00	24.63 0.89 0.00	26.22 1.05 0.00	22.18 0.80 0.00	21.51 0.68 0.00
INDECK___CORINTH 23802	24.08 1.66 0.00	22.08 1.51 0.00	20.15 1.41 0.00	19.30 1.34 0.00	20.28 1.45 0.00	20.03 1.43 0.00	19.18 1.40 0.00	20.23 1.44 0.00	18.68 1.44 0.00	20.54 1.44 0.00	17.89 1.22 0.00	18.16 1.22 0.00	18.47 1.29 0.00	18.53 1.19 0.00	18.74 1.16 0.00	20.59 1.16 0.00	19.63 1.34 0.00	20.08 1.54 0.00	21.07 1.56 0.00	25.80 1.95 0.00	25.67 1.94 0.00	27.21 2.05 0.00	22.94 1.57 0.00	22.37 1.54 0.00
INDECK___ILION 23567	22.53 0.11 0.00	20.65 0.07 0.00	18.83 0.09 0.00	18.04 0.09 0.00	18.92 0.09 0.00	18.69 0.10 0.00	17.88 0.10 0.00	18.87 0.08 0.00	17.39 0.14 0.00	19.15 0.05 0.00	16.74 0.08 0.00	17.01 0.07 0.00	17.28 0.10 0.00	17.43 0.10 0.00	17.67 0.09 0.00	19.47 0.03 0.00	18.36 0.08 0.00	18.60 0.06 0.00	19.63 0.12 0.00	24.07 0.21 0.00	23.92 0.18 0.00	25.38 0.21 0.00	21.50 0.12 0.00	20.93 0.10 0.00
INDECK___OLEAN 23982	22.76 0.33 0.00	20.71 0.13 0.00	18.80 0.06 0.00	18.01 0.06 0.00	18.93 0.10 0.00	18.64 0.05 0.00	17.62 -0.16 0.00	18.74 -0.05 0.00	17.34 0.10 0.00	19.32 0.22 0.00	17.12 0.46 0.00	17.29 0.35 0.00	17.40 0.22 0.00	17.53 0.20 0.00	17.76 0.18 0.00	19.63 0.19 0.00	18.51 0.22 0.00	18.88 0.35 0.00	19.83 0.33 0.00	24.23 0.38 0.00	24.09 0.36 0.00	25.38 0.21 0.00	21.47 0.09 0.00	20.95 0.11 0.00
INDECK___OSWEGO 23783	22.10 -0.32 0.00	20.24 -0.34 0.00	18.42 -0.32 0.00	17.65 -0.31 0.00	18.52 -0.31 0.00	18.27 -0.32 0.00	17.45 -0.33 0.00	18.41 -0.38 0.00	16.86 -0.38 0.00	18.63 -0.47 0.00	16.20 -0.46 0.00	16.45 -0.50 0.00	16.67 -0.51 0.00	16.81 -0.52 0.00	17.06 -0.52 0.00	18.95 -0.49 0.00	17.86 -0.43 0.00	18.08 -0.45 0.00	19.05 -0.45 0.00	23.29 -0.56 0.00	23.22 -0.52 0.00	24.63 -0.54 0.00	21.02 -0.35 0.00	20.49 -0.34 0.00



INDECK___YERKES 23781	22.33 -0.09 0.00	20.29 -0.28 0.00	18.45 -0.30 0.00	17.69 -0.27 0.00	18.62 -0.21 0.00	18.34 -0.26 0.00	17.19 -0.59 0.00	18.13 -0.66 0.00	16.71 -0.54 0.00	18.65 -0.45 0.00	16.44 -0.23 0.00	16.63 -0.32 0.00	16.83 -0.35 0.00	16.94 -0.40 0.00	17.17 -0.40 0.00	18.90 -0.53 0.00	17.85 -0.44 0.00	18.27 -0.26 0.00	19.19 -0.31 0.00	23.32 -0.54 0.00	23.29 -0.44 0.00	24.63 -0.54 0.00	20.85 -0.53 0.00	20.36 -0.47 0.00
INDIAN POINT_GT_1 24139	23.51 1.09 0.00	21.51 0.93 0.00	19.58 0.84 0.00	18.73 0.78 0.00	19.60 0.77 0.00	19.34 0.75 0.00	18.61 0.83 0.00	19.68 0.90 0.00	18.33 1.08 0.00	20.15 1.05 0.00	17.79 1.13 0.00	18.11 1.17 0.00	18.45 1.27 0.00	18.59 1.25 0.00	18.92 1.34 0.00	20.86 1.43 0.00	19.69 1.40 0.00	19.92 1.39 0.00	20.95 1.44 0.00	25.57 1.72 0.00	25.33 1.59 0.00	26.78 1.62 0.00	22.64 1.26 0.00	22.00 1.17 0.00
INDIAN POINT_GT_2 23659	23.51 1.09 0.00	21.51 0.93 0.00	19.58 0.84 0.00	18.73 0.78 0.00	19.60 0.77 0.00	19.34 0.75 0.00	18.61 0.83 0.00	19.68 0.90 0.00	18.33 1.08 0.00	20.15 1.05 0.00	17.79 1.13 0.00	18.11 1.17 0.00	18.45 1.27 0.00	18.59 1.25 0.00	18.92 1.34 0.00	20.86 1.43 0.00	19.69 1.40 0.00	19.92 1.39 0.00	20.95 1.44 0.00	25.57 1.72 0.00	25.33 1.59 0.00	26.78 1.62 0.00	22.64 1.26 0.00	22.00 1.17 0.00
INDIAN POINT_GT_3 24019	23.51 1.09 0.00	21.51 0.93 0.00	19.58 0.84 0.00	18.73 0.78 0.00	19.60 0.77 0.00	19.34 0.75 0.00	18.61 0.83 0.00	19.68 0.90 0.00	18.33 1.08 0.00	20.15 1.05 0.00	17.79 1.13 0.00	18.11 1.17 0.00	18.45 1.27 0.00	18.59 1.25 0.00	18.92 1.34 0.00	20.86 1.43 0.00	19.69 1.40 0.00	19.92 1.39 0.00	20.95 1.44 0.00	25.57 1.72 0.00	25.33 1.59 0.00	26.78 1.62 0.00	22.64 1.26 0.00	22.00 1.17 0.00
INDIAN POINT___2 23530	23.50 1.08 0.00	21.50 0.92 0.00	19.57 0.82 0.00	18.72 0.77 0.00	19.58 0.75 0.00	19.33 0.73 0.00	18.60 0.81 0.00	19.67 0.88 0.00	18.31 1.06 0.00	20.13 1.04 0.00	17.78 1.12 0.00	18.10 1.16 0.00	18.44 1.26 0.00	18.58 1.24 0.00	18.91 1.33 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.57 1.71 0.00	25.31 1.58 0.00	26.77 1.60 0.00	22.62 1.25 0.00	21.99 1.16 0.00
INDIAN POINT___3 23531	23.50 1.08 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.73 0.78 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.61 0.82 0.00	19.68 0.89 0.00	18.32 1.07 0.00	20.14 1.04 0.00	17.78 1.12 0.00	18.10 1.16 0.00	18.44 1.26 0.00	18.58 1.25 0.00	18.91 1.33 0.00	20.85 1.42 0.00	19.67 1.39 0.00	19.91 1.37 0.00	20.93 1.43 0.00	25.55 1.70 0.00	25.31 1.57 0.00	26.76 1.59 0.00	22.63 1.25 0.00	21.99 1.16 0.00
INGHAM_C_115KV_TB7 356103	22.49 0.06 0.00	20.61 0.03 0.00	18.83 0.08 0.00	18.03 0.07 0.00	18.91 0.08 0.00	18.68 0.09 0.00	17.90 0.11 0.00	18.87 0.08 0.00	17.45 0.20 0.00	19.11 0.01 0.00	16.75 0.08 0.00	17.00 0.06 0.00	17.30 0.12 0.00	17.47 0.13 0.00	17.68 0.10 0.00	19.37 -0.07 0.00	18.32 0.03 0.00	18.52 -0.01 0.00	19.61 0.10 0.00	24.13 0.27 0.00	23.95 0.22 0.00	25.45 0.28 0.00	21.50 0.12 0.00	20.89 0.06 0.00
IP CORINTH___1 23988	24.08 1.66 0.00	22.08 1.51 0.00	20.15 1.41 0.00	19.30 1.34 0.00	20.28 1.45 0.00	20.03 1.44 0.00	19.18 1.40 0.00	20.23 1.44 0.00	18.69 1.44 0.00	20.54 1.44 0.00	17.89 1.22 0.00	18.16 1.22 0.00	18.47 1.29 0.00	18.53 1.19 0.00	18.74 1.16 0.00	20.59 1.16 0.00	19.63 1.34 0.00	20.08 1.54 0.00	21.07 1.56 0.00	25.80 1.95 0.00	25.67 1.94 0.00	27.21 2.05 0.00	22.95 1.57 0.00	22.37 1.54 0.00
IP___TICONDEROGA 23804	25.21 2.79 0.00	23.14 2.57 0.00	21.11 2.36 0.00	20.23 2.27 0.00	21.33 2.50 0.00	21.06 2.47 0.00	20.21 2.43 0.00	21.27 2.48 0.00	19.63 2.39 0.00	21.64 2.54 0.00	18.93 2.27 0.00	19.17 2.22 0.00	19.47 2.29 0.00	19.60 2.26 0.00	19.68 2.11 0.00	21.40 1.96 0.00	20.48 2.19 0.00	21.07 2.53 0.00	22.07 2.56 0.00	27.03 3.18 0.00	26.91 3.17 0.00	28.42 3.25 0.00	23.89 2.51 0.00	23.50 2.67 0.00
ISLIP_RES_REC 323679	28.92 1.68 -4.82	21.93 1.35 0.00	19.97 1.22 0.00	19.13 1.17 0.00	20.00 1.17 0.00	19.77 1.18 0.00	46.01 1.43 -26.80	20.18 1.40 0.00	20.24 1.57 -1.43	21.20 1.50 -0.59	22.96 1.48 -4.81	28.07 1.48 -9.64	23.84 1.60 -5.06	18.80 1.46 0.00	19.15 1.57 0.00	21.15 1.72 0.00	19.93 1.64 0.00	20.18 1.65 0.00	21.72 1.83 -0.38	26.84 2.38 -0.61	25.92 2.19 0.00	27.64 2.23 -0.23	26.26 1.84 -3.03	22.43 1.60 0.00
JAMAICA__27_KV_LOAD 355505	23.75 1.33 0.00	21.75 1.17 0.00	19.80 1.05 0.00	18.93 0.98 0.00	19.77 0.95 0.00	19.53 0.94 0.00	18.82 1.03 0.00	19.88 1.10 0.00	18.57 1.32 0.00	20.38 1.29 0.00	17.97 1.31 0.00	18.34 1.40 0.00	18.66 1.48 0.00	18.80 1.47 0.00	19.19 1.55 -0.06	21.08 1.65 0.00	20.09 1.63 -0.18	20.11 1.58 0.00	21.15 1.64 0.00	25.79 1.94 0.00	25.55 1.82 0.00	27.02 1.85 0.00	22.91 1.54 0.00	22.24 1.41 0.00
JANIS___SOLAR 323808	23.37 0.94 0.00	21.35 0.77 0.00	19.40 0.66 0.00	18.57 0.62 0.00	19.50 0.67 0.00	19.26 0.67 0.00	18.39 0.61 0.00	19.47 0.68 0.00	17.97 0.72 0.00	19.84 0.73 0.00	17.21 0.54 0.00	17.26 0.32 0.00	17.48 0.30 0.00	17.58 0.25 0.00	17.89 0.32 0.00	19.82 0.39 0.00	18.69 0.40 0.00	19.07 0.53 0.00	20.25 0.74 0.00	25.00 1.14 0.00	24.95 1.21 0.00	26.40 1.23 0.00	22.40 1.02 0.00	21.73 0.90 0.00
JARVIS____ 23743	22.49 0.06 0.00	20.64 0.06 0.00	18.80 0.06 0.00	18.01 0.05 0.00	18.88 0.06 0.00	18.65 0.06 0.00	17.83 0.05 0.00	18.83 0.04 0.00	17.30 0.05 0.00	19.12 0.02 0.00	16.70 0.03 0.00	16.98 0.03 0.00	17.22 0.04 0.00	17.37 0.03 0.00	17.62 0.04 0.00	19.48 0.04 0.00	18.34 0.05 0.00	18.59 0.06 0.00	19.56 0.06 0.00	23.94 0.08 0.00	23.81 0.07 0.00	25.25 0.08 0.00	21.44 0.07 0.00	20.89 0.06 0.00
JENNISON___1 23625	23.53 1.11 0.00	21.51 0.93 0.00	19.55 0.80 0.00	18.72 0.76 0.00	19.64 0.81 0.00	19.40 0.81 0.00	18.56 0.78 0.00	19.67 0.88 0.00	18.16 0.91 0.00	20.09 0.99 0.00	17.53 0.86 0.00	17.72 0.77 0.00	17.92 0.74 0.00	18.06 0.72 0.00	18.36 0.78 0.00	20.30 0.87 0.00	19.13 0.84 0.00	19.45 0.91 0.00	20.59 1.09 0.00	25.33 1.48 0.00	25.18 1.45 0.00	26.62 1.45 0.00	22.57 1.19 0.00	21.90 1.07 0.00
JENNISON___2 23626	23.53 1.11 0.00	21.51 0.93 0.00	19.55 0.80 0.00	18.72 0.76 0.00	19.64 0.81 0.00	19.40 0.81 0.00	18.56 0.78 0.00	19.67 0.88 0.00	18.16 0.91 0.00	20.09 0.99 0.00	17.53 0.86 0.00	17.72 0.77 0.00	17.92 0.74 0.00	18.06 0.72 0.00	18.36 0.78 0.00	20.30 0.87 0.00	19.13 0.84 0.00	19.45 0.91 0.00	20.59 1.09 0.00	25.33 1.48 0.00	25.18 1.45 0.00	26.62 1.45 0.00	22.57 1.19 0.00	21.90 1.07 0.00

JERICO_RISE_WT_PWR 323719	22.64 0.21 0.00	20.82 0.24 0.00	18.92 0.17 0.00	18.13 0.17 0.00	19.02 0.19 0.00	18.80 0.21 0.00	18.09 0.30 0.00	19.18 0.39 0.00	17.59 0.35 0.00	19.66 0.56 0.00	17.02 0.35 0.00	17.23 0.28 0.00	17.47 0.29 0.00	17.59 0.25 0.00	17.76 0.18 0.00	19.56 0.13 0.00	18.45 0.16 0.00	18.75 0.22 0.00	19.79 0.29 0.00	24.23 0.38 0.00	24.11 0.38 0.00	25.53 0.36 0.00	21.51 0.13 0.00	21.01 0.19 0.00
KATONAH__115KV_46KV_TB4 355592	23.62 1.20 0.00	21.62 1.04 0.00	19.68 0.94 0.00	18.83 0.88 0.00	19.70 0.87 0.00	19.46 0.86 0.00	18.73 0.94 0.00	19.80 1.02 0.00	18.44 1.20 0.00	20.28 1.18 0.00	17.91 1.24 0.00	18.23 1.28 0.00	18.56 1.38 0.00	18.70 1.37 0.00	19.04 1.46 0.00	20.98 1.54 0.00	19.80 1.51 0.00	20.04 1.50 0.00	21.07 1.56 0.00	25.72 1.87 0.00	25.47 1.74 0.00	26.93 1.77 0.00	22.76 1.38 0.00	22.11 1.27 0.00
KCE_NY_1 323755	23.77 1.34 0.00	21.79 1.21 0.00	19.90 1.15 0.00	19.06 1.11 0.00	20.01 1.18 0.00	19.75 1.16 0.00	18.91 1.12 0.00	19.95 1.17 0.00	18.40 1.15 0.00	20.22 1.12 0.00	17.71 1.04 0.00	17.98 1.04 0.00	18.31 1.13 0.00	18.48 1.15 0.00	18.69 1.11 0.00	20.55 1.12 0.00	19.45 1.17 0.00	19.75 1.21 0.00	20.75 1.25 0.00	25.43 1.58 0.00	25.28 1.55 0.00	26.83 1.66 0.00	22.65 1.27 0.00	22.04 1.21 0.00
KCE_NY_6_ESR 323823	22.44 0.01 0.00	20.39 -0.19 0.00	18.53 -0.21 0.00	17.77 -0.19 0.00	18.69 -0.13 0.00	18.39 -0.20 0.00	17.28 -0.51 0.00	18.26 -0.53 0.00	16.85 -0.39 0.00	18.78 -0.32 0.00	16.54 -0.12 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.26 0.00	17.30 -0.27 0.00	19.08 -0.35 0.00	17.99 -0.30 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.30 0.00	23.54 -0.19 0.00	24.88 -0.29 0.00	21.08 -0.30 0.00	20.56 -0.28 0.00
KEDC_PORT_JEFF_GT2 24210	28.81 1.57 -4.82	21.84 1.26 0.00	19.90 1.15 0.00	19.05 1.09 0.00	19.93 1.10 0.00	19.70 1.10 0.00	45.93 1.35 -26.80	20.11 1.32 0.00	20.16 1.49 -1.43	21.12 1.43 -0.59	22.90 1.42 -4.81	28.00 1.41 -9.64	23.77 1.52 -5.06	18.72 1.38 0.00	19.06 1.49 0.00	21.05 1.61 0.00	19.82 1.53 0.00	19.96 1.43 0.00	21.50 1.61 -0.38	26.68 2.23 -0.61	25.78 2.04 0.00	27.48 2.08 -0.23	26.14 1.73 -3.03	22.33 1.50 0.00
KEDC_PORT_JEFF_GT3 24211	28.81 1.57 -4.82	21.84 1.26 0.00	19.90 1.15 0.00	19.05 1.09 0.00	19.93 1.10 0.00	19.70 1.10 0.00	45.93 1.35 -26.80	20.11 1.32 0.00	20.16 1.49 -1.43	21.12 1.43 -0.59	22.90 1.42 -4.81	28.00 1.41 -9.64	23.77 1.52 -5.06	18.72 1.38 0.00	19.06 1.49 0.00	21.05 1.61 0.00	19.82 1.53 0.00	19.96 1.43 0.00	21.50 1.61 -0.38	26.68 2.23 -0.61	25.78 2.04 0.00	27.48 2.08 -0.23	26.14 1.73 -3.03	22.33 1.50 0.00
KEDC_GLWD_GT4 24219	28.68 1.43 -4.82	21.78 1.21 0.00	19.82 1.08 0.00	18.97 1.01 0.00	19.84 1.01 0.00	19.58 0.99 0.00	45.70 1.12 -26.80	19.97 1.18 0.00	20.05 1.37 -1.43	21.06 1.37 -0.59	22.90 1.43 -4.81	28.05 1.46 -9.64	23.81 1.56 -5.06	18.83 1.49 0.00	19.18 1.60 0.00	21.14 1.71 0.00	19.80 1.51 0.00	20.05 1.51 0.00	21.49 1.60 -0.38	26.50 2.04 -0.61	25.71 1.97 0.00	27.41 2.01 -0.23	26.02 1.61 -3.03	22.30 1.47 0.00
KEDC_GLWD_GT5 24220	28.68 1.43 -4.82	21.78 1.21 0.00	19.82 1.08 0.00	18.97 1.01 0.00	19.84 1.01 0.00	19.58 0.99 0.00	45.70 1.12 -26.80	19.97 1.18 0.00	20.05 1.37 -1.43	21.06 1.37 -0.59	22.90 1.43 -4.81	28.05 1.46 -9.64	23.81 1.56 -5.06	18.83 1.49 0.00	19.18 1.60 0.00	21.14 1.71 0.00	19.80 1.51 0.00	20.05 1.51 0.00	21.49 1.60 -0.38	26.50 2.04 -0.61	25.71 1.97 0.00	27.41 2.01 -0.23	26.02 1.61 -3.03	22.30 1.47 0.00
KENSICO____ 23655	23.55 1.13 0.00	21.55 0.98 0.00	19.62 0.88 0.00	18.78 0.82 0.00	19.64 0.81 0.00	19.39 0.79 0.00	18.66 0.88 0.00	19.73 0.94 0.00	18.38 1.13 0.00	20.21 1.11 0.00	17.84 1.18 0.00	18.17 1.22 0.00	18.50 1.32 0.00	18.65 1.31 0.00	18.97 1.39 0.00	20.92 1.49 0.00	19.74 1.45 0.00	19.97 1.43 0.00	20.99 1.49 0.00	25.64 1.79 0.00	25.39 1.65 0.00	26.84 1.67 0.00	22.69 1.31 0.00	22.04 1.22 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.55 1.13 0.00	21.50 0.92 0.00	19.54 0.80 0.00	18.69 0.73 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.62 0.83 0.00	19.69 0.91 0.00	18.29 1.05 0.00	20.08 0.98 0.00	17.69 1.03 0.00	18.00 1.05 0.00	18.37 1.18 0.00	18.51 1.17 0.00	18.86 1.28 0.00	20.78 1.35 0.00	19.61 1.32 0.00	19.89 1.36 0.00	20.98 1.48 0.00	25.68 1.83 0.00	25.45 1.71 0.00	26.91 1.74 0.00	22.73 1.35 0.00	22.06 1.23 0.00
KIAC_JFK_GT1 23816	23.61 1.19 0.00	21.63 1.05 0.00	19.69 0.94 0.00	18.83 0.88 0.00	19.67 0.84 0.00	19.42 0.83 0.00	18.72 0.94 0.00	19.78 1.00 0.00	18.48 1.23 0.00	20.27 1.18 0.00	17.87 1.21 0.00	18.24 1.30 0.00	18.56 1.38 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.96 1.53 0.00	19.97 1.51 -0.18	19.99 1.45 0.00	21.03 1.52 0.00	25.63 1.78 0.00	25.40 1.66 0.00	26.86 1.69 0.00	22.78 1.40 0.00	22.12 1.28 0.00
KIAC_JFK_GT2 23817	23.61 1.19 0.00	21.63 1.05 0.00	19.69 0.94 0.00	18.83 0.88 0.00	19.67 0.84 0.00	19.42 0.83 0.00	18.72 0.94 0.00	19.78 1.00 0.00	18.48 1.23 0.00	20.27 1.18 0.00	17.87 1.21 0.00	18.24 1.30 0.00	18.56 1.38 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.96 1.53 0.00	19.97 1.51 -0.18	19.99 1.45 0.00	21.03 1.52 0.00	25.63 1.78 0.00	25.40 1.66 0.00	26.86 1.69 0.00	22.78 1.40 0.00	22.12 1.28 0.00
KIAC_JFK____ 323774	23.61 1.19 0.00	21.63 1.05 0.00	19.69 0.94 0.00	18.83 0.88 0.00	19.67 0.84 0.00	19.42 0.83 0.00	18.72 0.93 0.00	19.78 1.00 0.00	18.48 1.23 0.00	20.27 1.18 0.00	17.87 1.21 0.00	18.25 1.30 0.00	18.56 1.38 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.96 1.53 0.00	19.97 1.51 -0.18	19.99 1.45 0.00	21.03 1.52 0.00	25.63 1.78 0.00	25.40 1.66 0.00	26.86 1.69 0.00	22.78 1.40 0.00	22.12 1.28 0.00
KINTIGH____ 23543	22.15 -0.28 0.00	20.17 -0.41 0.00	18.32 -0.42 0.00	17.57 -0.39 0.00	18.48 -0.35 0.00	18.21 -0.38 0.00	17.14 -0.64 0.00	18.10 -0.69 0.00	16.66 -0.59 0.00	18.57 -0.53 0.00	16.33 -0.33 0.00	16.52 -0.43 0.00	16.71 -0.47 0.00	16.83 -0.50 0.00	17.07 -0.51 0.00	18.82 -0.61 0.00	17.74 -0.55 0.00	18.14 -0.39 0.00	19.06 -0.45 0.00	23.20 -0.65 0.00	23.18 -0.56 0.00	24.52 -0.65 0.00	20.76 -0.62 0.00	20.25 -0.58 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.93 0.50 0.00	21.08 0.51 0.00	19.16 0.41 0.00	18.35 0.40 0.00	19.26 0.43 0.00	19.05 0.46 0.00	18.35 0.57 0.00	19.45 0.66 0.00	17.88 0.64 0.00	19.96 0.86 0.00	17.28 0.62 0.00	17.47 0.53 0.00	17.72 0.54 0.00	17.80 0.46 0.00	17.97 0.39 0.00	19.77 0.34 0.00	18.68 0.40 0.00	18.98 0.44 0.00	20.08 0.57 0.00	24.60 0.75 0.00	24.45 0.71 0.00	25.88 0.71 0.00	21.78 0.40 0.00	21.30 0.47 0.00

LACHUTE____HYDRO 323717	25.21 2.78 0.00	23.14 2.57 0.00	21.11 2.36 0.00	20.23 2.27 0.00	21.33 2.50 0.00	21.06 2.47 0.00	20.21 2.43 0.00	21.27 2.48 0.00	19.63 2.39 0.00	21.64 2.54 0.00	18.94 2.27 0.00	19.17 2.22 0.00	19.47 2.29 0.00	19.60 2.26 0.00	19.68 2.11 0.00	21.40 1.96 0.00	20.48 2.19 0.00	21.07 2.53 0.00	22.07 2.56 0.00	27.03 3.18 0.00	26.91 3.17 0.00	28.42 3.25 0.00	23.89 2.51 0.00	23.50 2.67 0.00
LAWRNCV_115KV_TB1 80681	22.41 -0.01 0.00	20.61 0.03 0.00	18.76 0.02 0.00	18.01 0.05 0.00	18.89 0.06 0.00	18.63 0.04 0.00	17.85 0.07 0.00	18.95 0.16 0.00	17.32 0.08 0.00	19.33 0.24 0.00	16.76 0.10 0.00	17.03 0.08 0.00	17.20 0.02 0.00	17.35 0.01 0.00	17.53 -0.05 0.00	19.37 -0.07 0.00	18.23 -0.06 0.00	18.56 0.03 0.00	19.56 0.06 0.00	23.98 0.13 0.00	23.95 0.22 0.00	25.42 0.25 0.00	21.51 0.13 0.00	20.95 0.12 0.00
LEDERLE____ 23769	23.64 1.22 0.00	21.62 1.04 0.00	19.67 0.92 0.00	18.81 0.86 0.00	19.68 0.85 0.00	19.42 0.83 0.00	18.68 0.90 0.00	19.76 0.97 0.00	18.40 1.15 0.00	20.24 1.14 0.00	17.87 1.20 0.00	18.20 1.26 0.00	18.55 1.37 0.00	18.69 1.36 0.00	19.03 1.46 0.00	21.00 1.57 0.00	19.82 1.53 0.00	20.07 1.53 0.00	21.09 1.58 0.00	25.74 1.89 0.00	25.49 1.76 0.00	26.95 1.78 0.00	22.77 1.38 0.00	22.13 1.30 0.00
LIGHTHSE_115KV_TB6 355974	22.43 0.01 0.00	20.53 -0.05 0.00	18.67 -0.07 0.00	17.93 -0.03 0.00	18.82 -0.01 0.00	18.57 -0.02 0.00	17.72 -0.06 0.00	18.70 -0.09 0.00	17.15 -0.09 0.00	18.91 -0.19 0.00	16.44 -0.23 0.00	16.65 -0.29 0.00	16.84 -0.34 0.00	16.96 -0.38 0.00	17.15 -0.43 0.00	19.00 -0.44 0.00	17.93 -0.36 0.00	18.27 -0.27 0.00	19.31 -0.20 0.00	23.71 -0.14 0.00	23.73 -0.01 0.00	25.25 0.08 0.00	21.48 0.10 0.00	20.89 0.06 0.00
LINDEN COGEN____ 23786	23.50 1.08 0.00	21.51 0.93 0.00	19.58 0.83 0.00	18.75 0.79 0.00	19.57 0.75 0.00	19.33 0.73 0.00	18.64 0.85 0.00	19.69 0.90 0.00	18.38 1.14 0.00	20.19 1.09 0.00	17.87 1.21 0.00	18.17 1.22 0.00	18.51 1.33 0.00	18.66 1.32 0.00	19.06 1.42 -0.06	20.94 1.51 0.00	19.95 1.49 -0.18	20.00 1.46 0.00	21.03 1.52 0.00	25.64 1.79 0.00	25.38 1.64 0.00	26.82 1.65 0.00	22.68 1.30 0.00	22.02 1.19 0.00
LINDHRST_69_KV_BK1 356055	28.98 1.74 -4.82	22.00 1.43 0.00	20.02 1.28 0.00	19.15 1.20 0.00	20.04 1.21 0.00	19.79 1.19 0.00	45.95 1.37 -26.80	20.20 1.41 0.00	20.26 1.59 -1.43	21.26 1.57 -0.59	23.03 1.55 -4.81	28.15 1.56 -9.64	23.92 1.68 -5.06	18.89 1.55 0.00	19.25 1.68 0.00	21.25 1.82 0.00	20.01 1.72 0.00	20.27 1.74 0.00	21.78 1.90 -0.38	26.85 2.39 -0.61	25.96 2.23 0.00	27.69 2.30 -0.23	26.33 1.91 -3.03	22.51 1.68 0.00
LIPA_MISC_IPP 23656	28.66 1.42 -4.82	21.70 1.12 0.00	19.78 1.04 0.00	18.95 1.00 0.00	19.84 1.01 0.00	19.61 1.01 0.00	45.91 1.33 -26.80	20.02 1.23 0.00	20.07 1.40 -1.43	20.99 1.30 -0.59	22.76 1.28 -4.81	27.87 1.28 -9.64	23.63 1.38 -5.06	18.59 1.26 0.00	18.93 1.35 0.00	20.89 1.45 0.00	19.68 1.39 0.00	19.94 1.41 0.00	21.47 1.59 -0.38	26.53 2.07 -0.61	25.63 1.90 0.00	27.32 1.92 -0.23	26.01 1.60 -3.03	22.20 1.37 0.00
LISF____SOLAR 323691	28.68 1.43 -4.82	21.72 1.14 0.00	19.80 1.06 0.00	18.98 1.02 0.00	19.86 1.03 0.00	19.63 1.04 0.00	45.94 1.36 -26.80	20.04 1.25 0.00	20.08 1.41 -1.43	21.00 1.30 -0.59	22.76 1.28 -4.81	27.86 1.27 -9.64	23.62 1.38 -5.06	18.58 1.25 0.00	18.93 1.35 0.00	20.89 1.46 0.00	19.69 1.40 0.00	19.96 1.43 0.00	21.50 1.62 -0.38	26.56 2.10 -0.61	25.66 1.93 0.00	27.36 1.96 -0.23	26.03 1.62 -3.03	22.22 1.39 0.00
LITTLE FALLS____HYD 24013	22.49 0.06 0.00	20.61 0.03 0.00	18.83 0.08 0.00	18.03 0.07 0.00	18.91 0.08 0.00	18.68 0.09 0.00	17.90 0.11 0.00	18.87 0.08 0.00	17.45 0.20 0.00	19.11 0.01 0.00	16.75 0.08 0.00	17.00 0.06 0.00	17.30 0.12 0.00	17.47 0.13 0.00	17.68 0.10 0.00	19.37 -0.07 0.00	18.32 0.03 0.00	18.52 -0.01 0.00	19.61 0.10 0.00	24.13 0.27 0.00	23.95 0.22 0.00	25.45 0.28 0.00	21.50 0.12 0.00	20.89 0.06 0.00
LITTLRIV_115KV_TB1 356100	22.61 0.19 0.00	20.80 0.22 0.00	18.93 0.18 0.00	18.16 0.21 0.00	19.06 0.23 0.00	18.79 0.20 0.00	18.00 0.22 0.00	19.12 0.33 0.00	17.48 0.23 0.00	19.52 0.42 0.00	16.91 0.24 0.00	17.17 0.22 0.00	17.32 0.14 0.00	17.48 0.15 0.00	17.67 0.09 0.00	19.54 0.10 0.00	18.39 0.10 0.00	18.74 0.21 0.00	19.75 0.24 0.00	24.25 0.39 0.00	24.25 0.51 0.00	25.72 0.55 0.00	21.75 0.37 0.00	21.16 0.33 0.00
LI_NEWBRDGE____DRP 323616	28.64 1.40 -4.82	21.72 1.14 0.00	19.76 1.02 0.00	18.91 0.96 0.00	19.78 0.95 0.00	19.53 0.94 0.00	45.69 1.11 -26.80	19.93 1.15 0.00	20.01 1.34 -1.43	21.00 1.31 -0.59	22.81 1.33 -4.81	27.93 1.35 -9.64	23.70 1.45 -5.06	18.66 1.33 0.00	19.01 1.43 0.00	20.97 1.54 0.00	19.72 1.43 0.00	19.97 1.44 0.00	21.44 1.56 -0.38	26.42 1.96 -0.61	25.54 1.80 0.00	27.25 1.85 -0.23	25.95 1.55 -3.03	22.20 1.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	22.15 -0.27 0.00	20.14 -0.44 0.00	18.32 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.23 -0.36 0.00	17.05 -0.73 0.00	17.96 -0.83 0.00	16.54 -0.71 0.00	18.46 -0.64 0.00	16.28 -0.39 0.00	16.45 -0.49 0.00	16.64 -0.54 0.00	16.74 -0.60 0.00	16.98 -0.60 0.00	18.69 -0.75 0.00	17.63 -0.66 0.00	18.07 -0.46 0.00	18.98 -0.53 0.00	23.09 -0.77 0.00	23.11 -0.62 0.00	24.45 -0.72 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
LOCKPORT____CC1 323769	22.17 -0.25 0.00	20.14 -0.44 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.22 -0.37 0.00	17.06 -0.73 0.00	17.97 -0.82 0.00	16.55 -0.70 0.00	18.48 -0.63 0.00	16.28 -0.39 0.00	16.46 -0.48 0.00	16.65 -0.53 0.00	16.76 -0.58 0.00	16.99 -0.59 0.00	18.70 -0.74 0.00	17.65 -0.64 0.00	18.08 -0.46 0.00	18.99 -0.51 0.00	23.09 -0.76 0.00	23.12 -0.61 0.00	24.46 -0.71 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
LOCKPORT____CC2 323770	22.17 -0.25 0.00	20.14 -0.44 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.22 -0.37 0.00	17.06 -0.73 0.00	17.97 -0.82 0.00	16.55 -0.70 0.00	18.48 -0.63 0.00	16.28 -0.39 0.00	16.46 -0.48 0.00	16.65 -0.53 0.00	16.76 -0.58 0.00	16.99 -0.59 0.00	18.70 -0.74 0.00	17.65 -0.64 0.00	18.08 -0.46 0.00	18.99 -0.51 0.00	23.09 -0.76 0.00	23.12 -0.61 0.00	24.46 -0.71 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
LOCKPORT____CC3 323771	22.17 -0.25 0.00	20.14 -0.44 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.22 -0.37 0.00	17.06 -0.73 0.00	17.97 -0.82 0.00	16.55 -0.70 0.00	18.48 -0.63 0.00	16.28 -0.39 0.00	16.46 -0.48 0.00	16.65 -0.53 0.00	16.76 -0.58 0.00	16.99 -0.59 0.00	18.70 -0.74 0.00	17.65 -0.64 0.00	18.08 -0.46 0.00	18.99 -0.51 0.00	23.09 -0.76 0.00	23.12 -0.61 0.00	24.46 -0.71 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00

LONG_LAKE_PHOENIX 24014	22.25 -0.17 0.00	20.37 -0.21 0.00	18.54 -0.21 0.00	17.76 -0.20 0.00	18.64 -0.19 0.00	18.39 -0.20 0.00	17.56 -0.23 0.00	18.52 -0.27 0.00	16.98 -0.27 0.00	18.76 -0.34 0.00	16.32 -0.35 0.00	16.57 -0.37 0.00	16.79 -0.39 0.00	16.94 -0.39 0.00	17.19 -0.39 0.00	19.09 -0.34 0.00	17.99 -0.30 0.00	18.22 -0.31 0.00	19.19 -0.32 0.00	23.46 -0.39 0.00	23.38 -0.35 0.00	24.80 -0.37 0.00	21.15 -0.23 0.00	20.61 -0.23 0.00
LOVETT___3 23632	23.50 1.08 0.00	21.49 0.92 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.57 0.74 0.00	19.32 0.73 0.00	18.58 0.80 0.00	19.65 0.87 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.76 1.10 0.00	18.09 1.15 0.00	18.43 1.25 0.00	18.57 1.24 0.00	18.90 1.32 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.56 1.71 0.00	25.31 1.58 0.00	26.76 1.59 0.00	22.62 1.24 0.00	21.99 1.16 0.00
LOVETT___4 23642	23.50 1.08 0.00	21.49 0.92 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.57 0.74 0.00	19.32 0.73 0.00	18.58 0.80 0.00	19.65 0.87 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.76 1.10 0.00	18.09 1.15 0.00	18.43 1.25 0.00	18.57 1.24 0.00	18.90 1.32 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.56 1.71 0.00	25.31 1.58 0.00	26.76 1.59 0.00	22.62 1.24 0.00	21.99 1.16 0.00
LOVETT___5 23593	23.50 1.08 0.00	21.49 0.92 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.57 0.74 0.00	19.32 0.73 0.00	18.58 0.80 0.00	19.65 0.87 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.76 1.10 0.00	18.09 1.15 0.00	18.43 1.25 0.00	18.57 1.24 0.00	18.90 1.32 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.56 1.71 0.00	25.31 1.58 0.00	26.76 1.59 0.00	22.62 1.24 0.00	21.99 1.16 0.00
LOWER_RAQUET___HYD 24057	22.44 0.02 0.00	20.64 0.06 0.00	18.79 0.04 0.00	18.04 0.08 0.00	18.92 0.10 0.00	18.66 0.07 0.00	17.88 0.10 0.00	18.98 0.19 0.00	17.36 0.11 0.00	19.37 0.27 0.00	16.79 0.13 0.00	17.05 0.10 0.00	17.22 0.03 0.00	17.36 0.03 0.00	17.54 -0.03 0.00	19.39 -0.05 0.00	18.25 -0.04 0.00	18.59 0.06 0.00	19.60 0.09 0.00	24.04 0.18 0.00	24.02 0.28 0.00	25.48 0.31 0.00	21.56 0.18 0.00	20.99 0.16 0.00
LOWER___HUDSON 24059	23.37 0.95 0.00	21.47 0.89 0.00	19.63 0.88 0.00	18.79 0.84 0.00	19.73 0.90 0.00	19.47 0.88 0.00	18.61 0.83 0.00	19.60 0.81 0.00	18.10 0.86 0.00	19.89 0.79 0.00	17.45 0.79 0.00	17.72 0.78 0.00	18.03 0.85 0.00	18.19 0.85 0.00	18.43 0.85 0.00	20.24 0.81 0.00	19.12 0.83 0.00	19.31 0.78 0.00	20.28 0.99 0.00	24.84 0.99 0.00	24.69 0.95 0.00	26.24 1.07 0.00	22.16 0.78 0.00	21.62 0.78 0.00
LOWVILLE_115KV_TB2 356335	22.89 0.47 0.00	20.98 0.40 0.00	19.10 0.35 0.00	18.40 0.45 0.00	19.34 0.51 0.00	19.06 0.47 0.00	18.18 0.40 0.00	19.22 0.44 0.00	17.67 0.42 0.00	19.49 0.39 0.00	16.93 0.26 0.00	17.11 0.17 0.00	17.27 0.08 0.00	17.33 -0.01 0.00	17.51 -0.06 0.00	19.35 -0.09 0.00	18.27 -0.01 0.00	18.72 0.19 0.00	19.89 0.39 0.00	24.56 0.71 0.00	24.61 0.87 0.00	26.12 0.95 0.00	22.16 0.78 0.00	21.51 0.68 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.77 1.35 0.00	21.80 1.22 0.00	19.91 1.16 0.00	19.06 1.11 0.00	20.01 1.19 0.00	19.76 1.17 0.00	18.91 1.12 0.00	19.94 1.16 0.00	18.41 1.16 0.00	20.23 1.13 0.00	17.71 1.05 0.00	17.98 1.04 0.00	18.30 1.12 0.00	18.45 1.11 0.00	18.68 1.10 0.00	20.54 1.10 0.00	19.45 1.16 0.00	19.75 1.21 0.00	20.74 1.24 0.00	25.41 1.56 0.00	25.26 1.53 0.00	26.80 1.63 0.00	22.63 1.25 0.00	22.04 1.21 0.00
LUTHERNY_35_KV_BK2 355980	23.77 1.34 0.00	21.79 1.21 0.00	19.90 1.15 0.00	19.06 1.11 0.00	20.01 1.18 0.00	19.75 1.16 0.00	18.91 1.12 0.00	19.95 1.16 0.00	18.40 1.15 0.00	20.22 1.12 0.00	17.70 1.04 0.00	17.98 1.04 0.00	18.31 1.13 0.00	18.48 1.15 0.00	18.69 1.11 0.00	20.56 1.12 0.00	19.45 1.17 0.00	19.75 1.21 0.00	20.75 1.25 0.00	25.43 1.58 0.00	25.28 1.55 0.00	26.83 1.66 0.00	22.65 1.27 0.00	22.04 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	22.67 0.25 0.00	20.80 0.22 0.00	18.93 0.19 0.00	18.21 0.25 0.00	19.12 0.29 0.00	18.86 0.26 0.00	18.03 0.24 0.00	19.09 0.30 0.00	17.50 0.26 0.00	19.40 0.30 0.00	16.83 0.16 0.00	17.04 0.10 0.00	17.20 0.02 0.00	17.30 -0.03 0.00	17.48 -0.10 0.00	19.31 -0.12 0.00	18.22 -0.07 0.00	18.62 0.09 0.00	19.71 0.21 0.00	24.27 0.41 0.00	24.31 0.57 0.00	25.81 0.64 0.00	21.87 0.49 0.00	21.25 0.42 0.00
LYONS_FALL_HYD 23570	22.89 0.47 0.00	20.98 0.40 0.00	19.10 0.35 0.00	18.36 0.40 0.00	19.28 0.45 0.00	19.02 0.42 0.00	18.16 0.37 0.00	19.19 0.41 0.00	17.65 0.40 0.00	19.48 0.38 0.00	16.95 0.28 0.00	17.15 0.21 0.00	17.34 0.16 0.00	17.44 0.10 0.00	17.64 0.06 0.00	19.50 0.06 0.00	18.41 0.12 0.00	18.79 0.25 0.00	19.91 0.40 0.00	24.51 0.65 0.00	24.50 0.77 0.00	26.00 0.83 0.00	22.05 0.68 0.00	21.42 0.59 0.00
MADISON___COUNTY_LFGE 323628	22.94 0.52 0.00	21.00 0.43 0.00	19.11 0.36 0.00	18.32 0.36 0.00	19.22 0.38 0.00	18.97 0.38 0.00	18.14 0.35 0.00	19.15 0.36 0.00	17.61 0.37 0.00	19.45 0.35 0.00	16.94 0.27 0.00	17.18 0.24 0.00	17.40 0.22 0.00	17.55 0.21 0.00	17.78 0.20 0.00	19.70 0.26 0.00	18.57 0.28 0.00	18.86 0.33 0.00	19.93 0.42 0.00	24.46 0.61 0.00	24.41 0.67 0.00	25.88 0.71 0.00	21.96 0.58 0.00	21.34 0.51 0.00
MALONE___115KV_TB1 356076	22.81 0.38 0.00	20.96 0.38 0.00	19.06 0.31 0.00	18.26 0.30 0.00	19.16 0.33 0.00	18.95 0.35 0.00	18.22 0.43 0.00	19.34 0.55 0.00	17.74 0.49 0.00	19.83 0.73 0.00	17.17 0.50 0.00	17.39 0.44 0.00	17.62 0.43 0.00	17.74 0.40 0.00	17.91 0.33 0.00	19.73 0.30 0.00	18.61 0.33 0.00	18.94 0.40 0.00	19.99 0.48 0.00	24.48 0.62 0.00	24.39 0.65 0.00	25.83 0.66 0.00	21.77 0.39 0.00	21.22 0.39 0.00
MAPLEWOD_115KV_TB3 80458	23.35 0.93 0.00	21.43 0.85 0.00	19.59 0.85 0.00	18.76 0.80 0.00	19.68 0.84 0.00	19.42 0.82 0.00	18.57 0.78 0.00	19.56 0.77 0.00	18.05 0.80 0.00	19.83 0.73 0.00	17.40 0.74 0.00	17.67 0.73 0.00	17.99 0.81 0.00	18.16 0.83 0.00	18.40 0.83 0.00	20.25 0.82 0.00	19.10 0.81 0.00	19.33 0.80 0.00	20.33 0.82 0.00	24.90 1.04 0.00	24.73 0.99 0.00	26.27 1.10 0.00	22.18 0.80 0.00	21.60 0.77 0.00
MAPLE_RIDGE_WT_1 323574	22.09 -0.33 0.00	20.32 -0.26 0.00	18.50 -0.24 0.00	17.77 -0.19 0.00	18.64 -0.19 0.00	18.40 -0.19 0.00	17.59 -0.20 0.00	18.62 -0.17 0.00	17.07 -0.18 0.00	19.00 -0.10 0.00	16.53 -0.13 0.00	16.80 -0.14 0.00	17.00 -0.18 0.00	17.14 -0.20 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.00 -0.29 0.00	18.33 -0.20 0.00	19.31 -0.19 0.00	23.63 -0.22 0.00	23.55 -0.18 0.00	24.98 -0.19 0.00	21.20 -0.18 0.00	20.65 -0.18 0.00

MAPLE_RIDGE_WT_2 323611	22.09 -0.33 0.00	20.32 -0.26 0.00	18.50 -0.24 0.00	17.77 -0.19 0.00	18.64 -0.19 0.00	18.40 -0.19 0.00	17.59 -0.20 0.00	18.62 -0.17 0.00	17.07 -0.18 0.00	19.00 -0.10 0.00	16.53 -0.13 0.00	16.80 -0.14 0.00	17.00 -0.18 0.00	17.14 -0.20 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.00 -0.29 0.00	18.33 -0.20 0.00	19.31 -0.19 0.00	23.63 -0.22 0.00	23.55 -0.18 0.00	24.98 -0.19 0.00	21.20 -0.18 0.00	20.65 -0.18 0.00
MARBLE_RIVER_WT_PWR 323696	22.69 0.27 0.00	20.86 0.28 0.00	18.96 0.21 0.00	18.16 0.21 0.00	19.06 0.23 0.00	18.84 0.25 0.00	18.14 0.35 0.00	19.23 0.44 0.00	17.65 0.40 0.00	19.71 0.60 0.00	17.06 0.40 0.00	17.26 0.31 0.00	17.51 0.32 0.00	17.63 0.29 0.00	17.79 0.21 0.00	19.59 0.16 0.00	18.49 0.20 0.00	18.79 0.26 0.00	19.84 0.34 0.00	24.29 0.43 0.00	24.16 0.42 0.00	25.57 0.40 0.00	21.54 0.16 0.00	21.05 0.22 0.00
MARSHVLE_115KV_TB1 80742	24.02 1.59 0.00	21.99 1.41 0.00	19.97 1.23 0.00	19.14 1.18 0.00	20.07 1.24 0.00	19.84 1.25 0.00	18.94 1.16 0.00	20.07 1.29 0.00	18.44 1.20 0.00	20.51 1.41 0.00	17.76 1.10 0.00	18.02 1.08 0.00	18.27 1.09 0.00	18.34 1.01 0.00	18.62 1.04 0.00	20.60 1.17 0.00	19.35 1.06 0.00	19.70 1.17 0.00	20.86 1.35 0.00	25.58 1.72 0.00	25.54 1.80 0.00	27.12 1.95 0.00	23.07 1.68 0.00	22.43 1.60 0.00
MARSH_HILL_WT_PWR 323713	22.59 0.17 0.00	20.28 -0.30 0.00	18.37 -0.38 0.00	17.65 -0.31 0.00	18.55 -0.28 0.00	18.31 -0.28 0.00	17.24 -0.55 0.00	18.22 -0.57 0.00	16.93 -0.32 0.00	18.78 -0.32 0.00	16.46 -0.21 0.00	16.72 -0.23 0.00	16.90 -0.28 0.00	17.11 -0.23 0.00	17.35 -0.23 0.00	19.24 -0.19 0.00	18.10 -0.19 0.00	18.66 0.12 0.00	19.78 0.28 0.00	24.32 0.47 0.00	24.30 0.56 0.00	25.67 0.50 0.00	21.77 0.39 0.00	21.16 0.33 0.00
MCINTYRE_115KV_TB2 80467	22.65 0.22 0.00	20.82 0.24 0.00	18.96 0.22 0.00	18.18 0.23 0.00	19.08 0.25 0.00	18.81 0.22 0.00	18.02 0.23 0.00	19.14 0.35 0.00	17.49 0.24 0.00	19.54 0.44 0.00	16.92 0.25 0.00	17.18 0.24 0.00	17.33 0.15 0.00	17.50 0.16 0.00	17.69 0.11 0.00	19.56 0.13 0.00	18.42 0.13 0.00	18.76 0.22 0.00	19.75 0.24 0.00	24.26 0.41 0.00	24.28 0.54 0.00	25.76 0.59 0.00	21.78 0.39 0.00	21.18 0.35 0.00
MECO____69_KV_BK1 80468	24.66 2.24 0.00	22.59 2.01 0.00	20.54 1.79 0.00	19.67 1.71 0.00	20.63 1.81 0.00	20.39 1.80 0.00	19.44 1.66 0.00	20.60 1.81 0.00	18.89 1.64 0.00	20.99 1.89 0.00	18.01 1.35 0.00	18.25 1.30 0.00	18.69 1.51 0.00	18.75 1.42 0.00	19.05 1.47 0.00	20.83 1.39 0.00	19.72 1.43 0.00	20.09 1.56 0.00	21.42 1.91 0.00	26.45 2.60 0.00	26.45 2.71 0.00	28.07 2.90 0.00	23.76 2.38 0.00	23.03 2.20 0.00
MENANDS__115KV_TB5 355628	23.09 0.67 0.00	21.19 0.61 0.00	19.39 0.64 0.00	18.56 0.61 0.00	19.47 0.64 0.00	19.22 0.62 0.00	18.37 0.59 0.00	19.34 0.56 0.00	17.82 0.57 0.00	19.58 0.48 0.00	17.21 0.54 0.00	17.48 0.54 0.00	17.79 0.61 0.00	17.95 0.61 0.00	18.21 0.63 0.00	20.01 0.57 0.00	18.88 0.59 0.00	19.07 0.53 0.00	20.03 0.52 0.00	24.52 0.66 0.00	24.34 0.61 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.29 0.45 0.00
MG INDUSTRY___DRP 24185	23.17 0.75 0.00	21.27 0.69 0.00	19.43 0.69 0.00	18.62 0.66 0.00	19.53 0.70 0.00	19.27 0.68 0.00	18.43 0.65 0.00	19.41 0.62 0.00	17.86 0.61 0.00	19.64 0.53 0.00	17.21 0.54 0.00	17.49 0.55 0.00	17.79 0.60 0.00	17.95 0.61 0.00	18.22 0.64 0.00	20.04 0.60 0.00	18.92 0.63 0.00	19.12 0.59 0.00	20.10 0.59 0.00	24.61 0.75 0.00	24.45 0.72 0.00	25.96 0.79 0.00	21.95 0.57 0.00	21.38 0.55 0.00
MID___OSWEGATCHIE_HYD 23849	22.67 0.25 0.00	20.80 0.22 0.00	18.93 0.19 0.00	18.21 0.25 0.00	19.12 0.29 0.00	18.86 0.26 0.00	18.03 0.24 0.00	19.09 0.30 0.00	17.50 0.26 0.00	19.40 0.30 0.00	16.83 0.16 0.00	17.04 0.10 0.00	17.20 0.02 0.00	17.30 -0.03 0.00	17.48 -0.10 0.00	19.31 -0.12 0.00	18.22 -0.07 0.00	18.62 0.09 0.00	19.71 0.21 0.00	24.27 0.41 0.00	24.31 0.57 0.00	25.81 0.64 0.00	21.87 0.49 0.00	21.25 0.42 0.00
MID___RAQUETTE_HYD 23851	22.44 0.02 0.00	20.64 0.06 0.00	18.79 0.04 0.00	18.04 0.08 0.00	18.92 0.10 0.00	18.66 0.07 0.00	17.88 0.10 0.00	18.98 0.19 0.00	17.36 0.11 0.00	19.37 0.27 0.00	16.79 0.13 0.00	17.05 0.10 0.00	17.22 0.03 0.00	17.36 0.03 0.00	17.54 -0.03 0.00	19.39 -0.05 0.00	18.25 -0.04 0.00	18.59 0.06 0.00	19.60 0.09 0.00	24.04 0.18 0.00	24.02 0.28 0.00	25.48 0.31 0.00	21.56 0.18 0.00	20.99 0.16 0.00
MILLIKEN___1 23584	22.84 0.42 0.00	20.88 0.30 0.00	18.99 0.24 0.00	18.18 0.23 0.00	19.08 0.25 0.00	18.84 0.24 0.00	17.99 0.20 0.00	19.03 0.24 0.00	17.53 0.28 0.00	19.35 0.25 0.00	16.86 0.20 0.00	17.06 0.12 0.00	17.29 0.11 0.00	17.43 0.09 0.00	17.69 0.12 0.00	19.62 0.18 0.00	18.52 0.23 0.00	18.87 0.34 0.00	19.92 0.41 0.00	24.41 0.55 0.00	24.31 0.58 0.00	25.73 0.56 0.00	21.85 0.47 0.00	21.23 0.40 0.00
MILLIKEN___2 23585	22.84 0.42 0.00	20.88 0.30 0.00	18.99 0.24 0.00	18.18 0.23 0.00	19.08 0.25 0.00	18.84 0.24 0.00	17.99 0.20 0.00	19.03 0.24 0.00	17.53 0.28 0.00	19.35 0.25 0.00	16.86 0.20 0.00	17.06 0.12 0.00	17.29 0.11 0.00	17.43 0.09 0.00	17.69 0.12 0.00	19.62 0.18 0.00	18.52 0.23 0.00	18.87 0.34 0.00	19.92 0.41 0.00	24.41 0.55 0.00	24.31 0.58 0.00	25.73 0.56 0.00	21.85 0.47 0.00	21.23 0.40 0.00
MILLIKEN___DIESEL 23629	22.84 0.42 0.00	20.88 0.30 0.00	18.99 0.24 0.00	18.18 0.23 0.00	19.08 0.25 0.00	18.84 0.24 0.00	17.99 0.20 0.00	19.03 0.24 0.00	17.53 0.28 0.00	19.35 0.25 0.00	16.86 0.20 0.00	17.06 0.12 0.00	17.29 0.11 0.00	17.43 0.09 0.00	17.69 0.12 0.00	19.62 0.18 0.00	18.52 0.23 0.00	18.87 0.34 0.00	19.92 0.41 0.00	24.41 0.55 0.00	24.31 0.58 0.00	25.73 0.56 0.00	21.85 0.47 0.00	21.23 0.40 0.00
MILLSEAT___LFGE 323607	22.51 0.08 0.00	20.46 -0.12 0.00	18.60 -0.15 0.00	17.83 -0.13 0.00	18.77 -0.06 0.00	18.51 -0.08 0.00	17.35 -0.43 0.00	18.30 -0.49 0.00	16.82 -0.42 0.00	18.72 -0.38 0.00	16.49 -0.18 0.00	16.67 -0.27 0.00	16.85 -0.33 0.00	16.95 -0.38 0.00	17.19 -0.38 0.00	18.97 -0.47 0.00	17.91 -0.38 0.00	18.36 -0.17 0.00	19.33 -0.17 0.00	23.57 -0.28 0.00	23.60 -0.14 0.00	24.98 -0.19 0.00	21.12 -0.26 0.00	20.57 -0.27 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.53 1.11 0.00	21.53 0.95 0.00	19.60 0.85 0.00	18.75 0.80 0.00	19.61 0.79 0.00	19.36 0.77 0.00	18.64 0.86 0.00	19.71 0.92 0.00	18.35 1.10 0.00	20.17 1.07 0.00	17.81 1.15 0.00	18.13 1.19 0.00	18.47 1.29 0.00	18.61 1.27 0.00	18.94 1.36 0.00	20.88 1.45 0.00	19.70 1.41 0.00	19.94 1.40 0.00	20.95 1.45 0.00	25.59 1.74 0.00	25.34 1.61 0.00	26.80 1.63 0.00	22.66 1.28 0.00	22.01 1.18 0.00

MILLWOOD_13_KV_LOAD 356217	23.58 1.15 0.00	21.57 0.99 0.00	19.63 0.89 0.00	18.78 0.83 0.00	19.65 0.82 0.00	19.40 0.81 0.00	18.67 0.89 0.00	19.74 0.96 0.00	18.38 1.14 0.00	20.21 1.12 0.00	17.85 1.19 0.00	18.17 1.23 0.00	18.51 1.33 0.00	18.65 1.31 0.00	18.98 1.41 0.00	20.93 1.50 0.00	19.75 1.46 0.00	19.99 1.45 0.00	21.01 1.51 0.00	25.66 1.81 0.00	25.41 1.68 0.00	26.87 1.70 0.00	22.71 1.33 0.00	22.06 1.23 0.00
MODEL_CITY_ENERGY 24167	21.94 -0.48 0.00	19.94 -0.63 0.00	18.15 -0.60 0.00	17.41 -0.55 0.00	18.34 -0.49 0.00	18.07 -0.52 0.00	16.88 -0.90 0.00	17.77 -1.02 0.00	16.36 -0.89 0.00	18.27 -0.83 0.00	16.10 -0.57 0.00	16.28 -0.66 0.00	16.47 -0.71 0.00	16.57 -0.77 0.00	16.80 -0.78 0.00	18.48 -0.95 0.00	17.44 -0.85 0.00	17.86 -0.67 0.00	18.76 -0.74 0.00	22.79 -1.06 0.00	22.84 -0.90 0.00	24.17 -1.00 0.00	20.47 -0.91 0.00	19.97 -0.86 0.00
MODERN_LFGE_ 323580	21.94 -0.48 0.00	19.94 -0.63 0.00	18.15 -0.60 0.00	17.41 -0.55 0.00	18.34 -0.49 0.00	18.07 -0.52 0.00	16.88 -0.90 0.00	17.77 -1.02 0.00	16.36 -0.89 0.00	18.27 -0.83 0.00	16.10 -0.57 0.00	16.28 -0.66 0.00	16.47 -0.71 0.00	16.57 -0.77 0.00	16.80 -0.78 0.00	18.48 -0.95 0.00	17.44 -0.85 0.00	17.86 -0.67 0.00	18.76 -0.74 0.00	22.79 -1.06 0.00	22.84 -0.90 0.00	24.17 -1.00 0.00	20.47 -0.91 0.00	19.97 -0.86 0.00
MOHAWK_PAPER___DRP 24187	23.35 0.93 0.00	21.43 0.85 0.00	19.59 0.85 0.00	18.76 0.80 0.00	19.68 0.84 0.00	19.42 0.82 0.00	18.57 0.78 0.00	19.56 0.77 0.00	18.05 0.80 0.00	19.83 0.73 0.00	17.40 0.74 0.00	17.67 0.73 0.00	17.99 0.81 0.00	18.16 0.83 0.00	18.40 0.83 0.00	20.25 0.82 0.00	19.10 0.81 0.00	19.33 0.80 0.00	20.33 0.82 0.00	24.90 1.04 0.00	24.73 0.99 0.00	26.27 1.10 0.00	22.18 0.80 0.00	21.60 0.77 0.00
MOHICAN__35_KV_115KV_LD 80490	24.13 1.71 0.00	22.13 1.56 0.00	20.20 1.46 0.00	19.35 1.40 0.00	20.33 1.50 0.00	20.08 1.49 0.00	19.23 1.44 0.00	20.27 1.49 0.00	18.72 1.47 0.00	20.57 1.47 0.00	17.95 1.28 0.00	18.22 1.27 0.00	18.53 1.35 0.00	18.62 1.28 0.00	18.81 1.24 0.00	20.65 1.21 0.00	19.66 1.38 0.00	20.09 1.56 0.00	21.09 1.58 0.00	25.83 1.98 0.00	25.71 1.97 0.00	27.25 2.08 0.00	22.97 1.59 0.00	22.41 1.58 0.00
MONGAUP___HYD 23641	23.60 1.18 0.00	21.59 1.01 0.00	19.64 0.90 0.00	18.79 0.83 0.00	19.67 0.84 0.00	19.42 0.83 0.00	18.65 0.86 0.00	19.70 0.91 0.00	18.24 0.99 0.00	20.02 0.92 0.00	17.60 0.93 0.00	17.90 0.96 0.00	18.19 1.00 0.00	18.31 0.97 0.00	18.59 1.02 0.00	20.56 1.13 0.00	19.38 1.10 0.00	19.56 1.03 0.00	20.69 1.19 0.00	25.56 1.71 0.00	25.33 1.60 0.00	26.84 1.67 0.00	22.70 1.32 0.00	22.04 1.22 0.00
MONTAUK___DIESEL 23721	29.48 2.24 -4.82	22.43 1.85 0.00	20.45 1.70 0.00	19.59 1.64 0.00	20.52 1.69 0.00	20.29 1.69 0.00	46.61 2.03 -26.80	20.75 1.96 0.00	20.74 2.07 -1.43	21.77 2.08 -0.59	23.44 1.96 -4.81	28.56 1.97 -9.64	24.36 2.11 -5.06	19.32 1.99 0.00	19.69 2.12 0.00	21.78 2.35 0.00	20.57 2.29 0.00	20.92 2.39 0.00	22.51 2.62 -0.38	27.76 3.30 -0.61	26.81 3.07 0.00	28.51 3.11 -0.23	26.94 2.53 -3.03	23.02 2.19 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.52 0.09 0.00	20.54 -0.04 0.00	18.76 0.02 0.00	18.02 0.06 0.00	18.96 0.13 0.00	18.58 -0.01 0.00	17.41 -0.38 0.00	18.52 -0.27 0.00	17.28 0.03 0.00	19.38 0.28 0.00	17.14 0.48 0.00	17.30 0.35 0.00	17.28 0.09 0.00	17.29 -0.05 0.00	17.53 -0.05 0.00	19.39 -0.05 0.00	18.47 0.18 0.00	18.94 0.41 0.00	19.95 0.44 0.00	24.42 0.56 0.00	24.27 0.53 0.00	25.45 0.29 0.00	21.51 0.14 0.00	21.00 0.17 0.00
MORTIMER_115KV_TB3 55949	22.41 -0.01 0.00	20.43 -0.15 0.00	18.57 -0.18 0.00	17.79 -0.16 0.00	18.70 -0.13 0.00	18.44 -0.15 0.00	17.45 -0.34 0.00	18.42 -0.37 0.00	16.91 -0.33 0.00	18.80 -0.30 0.00	16.50 -0.16 0.00	16.71 -0.24 0.00	16.92 -0.26 0.00	17.06 -0.28 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.03 -0.25 0.00	18.41 -0.12 0.00	19.38 -0.13 0.00	23.65 -0.20 0.00	23.62 -0.12 0.00	25.00 -0.17 0.00	21.18 -0.19 0.00	20.61 -0.22 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	23.59 1.17 0.00	21.59 1.01 0.00	19.66 0.91 0.00	18.81 0.86 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.71 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.92 1.26 0.00	18.24 1.30 0.00	18.58 1.40 0.00	18.73 1.39 0.00	19.12 1.49 -0.06	21.00 1.57 0.00	19.99 1.54 -0.17	20.05 1.51 0.00	21.08 1.57 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
MUNSVILLE_WIND_PWR 323609	24.05 1.63 0.00	21.97 1.39 0.00	19.97 1.22 0.00	19.11 1.15 0.00	20.07 1.24 0.00	19.84 1.25 0.00	18.98 1.19 0.00	20.12 1.33 0.00	18.56 1.32 0.00	20.53 1.43 0.00	17.80 1.14 0.00	17.91 0.96 0.00	18.10 0.93 0.00	18.22 0.89 0.00	18.56 0.98 0.00	20.52 1.08 0.00	19.33 1.05 0.00	19.61 1.08 0.00	20.86 1.36 0.00	25.87 2.02 0.00	25.77 2.04 0.00	27.24 2.07 0.00	23.11 1.73 0.00	22.38 1.55 0.00
N SALMON___HYD 24042	22.81 0.38 0.00	20.96 0.38 0.00	19.06 0.30 0.00	18.26 0.30 0.00	19.16 0.33 0.00	18.95 0.35 0.00	18.22 0.43 0.00	19.34 0.55 0.00	17.74 0.49 0.00	19.83 0.73 0.00	17.17 0.50 0.00	17.39 0.44 0.00	17.61 0.43 0.00	17.74 0.40 0.00	17.91 0.33 0.00	19.73 0.30 0.00	18.61 0.32 0.00	18.94 0.40 0.00	19.99 0.48 0.00	24.48 0.62 0.00	24.39 0.65 0.00	25.83 0.66 0.00	21.77 0.39 0.00	21.22 0.39 0.00
N.AKRON__115KV_KNAPP 355671	22.43 0.00 0.00	20.39 -0.19 0.00	18.54 -0.21 0.00	17.78 -0.18 0.00	18.72 -0.11 0.00	18.45 -0.14 0.00	17.28 -0.50 0.00	18.22 -0.57 0.00	16.76 -0.49 0.00	18.68 -0.43 0.00	16.47 -0.20 0.00	16.66 -0.28 0.00	16.82 -0.37 0.00	16.92 -0.41 0.00	17.17 -0.41 0.00	18.93 -0.51 0.00	17.85 -0.44 0.00	18.31 -0.22 0.00	19.26 -0.25 0.00	23.47 -0.39 0.00	23.48 -0.25 0.00	24.85 -0.32 0.00	21.01 -0.36 0.00	20.48 -0.36 0.00
N.BELMOR_69_KV_BK1 55787	28.82 1.58 -4.82	21.88 1.30 0.00	19.91 1.16 0.00	19.03 1.08 0.00	19.91 1.08 0.00	19.66 1.07 0.00	45.80 1.23 -26.80	20.06 1.28 0.00	20.14 1.47 -1.43	21.14 1.45 -0.59	22.95 1.47 -4.81	28.07 1.48 -9.64	23.84 1.60 -5.06	18.81 1.47 0.00	19.17 1.59 0.00	21.15 1.72 0.00	19.89 1.60 0.00	20.15 1.62 0.00	21.62 1.74 -0.38	26.63 2.17 -0.61	25.75 2.02 0.00	27.48 2.09 -0.23	26.16 1.74 -3.03	22.39 1.55 0.00
N.E._GEN_SANDY PD 24062	23.31 0.89 0.00	21.41 0.84 0.00	19.56 0.81 0.00	18.73 0.77 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.65 0.79 -0.08	19.48 0.79 0.09	18.21 0.90 -0.06	19.98 0.82 -0.06	17.54 0.88 0.00	17.82 0.87 0.00	18.14 0.96 0.00	18.29 0.95 0.00	18.56 0.98 0.00	20.39 0.95 0.00	19.23 0.94 0.00	19.39 0.86 0.00	20.35 0.84 0.00	24.91 1.06 0.00	24.53 0.97 0.18	26.25 1.08 0.00	22.17 0.79 0.00	21.62 0.79 0.00

N. HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.54 1.12 0.00	21.53 0.95 0.00	19.59 0.85 0.00	18.74 0.79 0.00	19.60 0.77 0.00	19.35 0.75 0.00	18.61 0.83 0.00	19.68 0.90 0.00	18.32 1.08 0.00	20.15 1.06 0.00	17.79 1.13 0.00	18.12 1.18 0.00	18.46 1.28 0.00	18.61 1.27 0.00	18.94 1.37 0.00	20.90 1.47 0.00	19.72 1.43 0.00	19.96 1.42 0.00	20.99 1.49 0.00	25.62 1.77 0.00	25.37 1.63 0.00	26.82 1.65 0.00	22.66 1.28 0.00	22.03 1.20 0.00
N. QUEENS_27_KV_LOAD 356247	23.50 1.08 0.00	21.52 0.94 0.00	19.58 0.84 0.00	18.75 0.79 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.65 0.86 0.00	19.72 0.93 0.00	18.44 1.19 0.00	20.20 1.10 0.00	17.89 1.23 0.00	18.25 1.30 0.00	18.54 1.36 0.00	18.70 1.37 0.00	19.09 1.45 -0.06	20.97 1.53 0.00	19.94 1.48 -0.17	20.00 1.47 0.00	21.04 1.54 0.00	25.67 1.82 0.00	25.41 1.67 0.00	26.85 1.68 0.00	22.73 1.35 0.00	22.06 1.23 0.00
N. TROY___115KV_TB1 355778	23.37 0.95 0.00	21.47 0.89 0.00	19.62 0.88 0.00	18.79 0.84 0.00	19.73 0.90 0.00	19.47 0.88 0.00	18.61 0.83 0.00	19.60 0.81 0.00	18.10 0.86 0.00	19.89 0.78 0.00	17.45 0.79 0.00	17.72 0.78 0.00	18.03 0.85 0.00	18.19 0.85 0.00	18.43 0.85 0.00	20.24 0.81 0.00	19.12 0.83 0.00	19.31 0.78 0.00	20.28 0.78 0.00	24.84 0.99 0.00	24.69 0.95 0.00	26.25 1.08 0.00	22.17 0.79 0.00	21.62 0.78 0.00
NARROWS_GT1_1 24228	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_2 24229	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_3 24230	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_4 24231	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_5 24232	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_6 24233	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_7 24234	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT1_8 24235	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_1 24236	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_2 24237	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_3 24238	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_4 24239	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00

NARROWS_GT2_5 24240	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_6 24241	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_7 24242	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NARROWS_GT2_8 24243	23.70 1.28 0.00	21.69 1.11 0.00	19.74 0.99 0.00	18.89 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	23.50 1.08 0.00	21.55 0.97 0.00	19.71 0.96 0.00	18.87 0.92 0.00	19.81 0.98 0.00	19.56 0.96 0.00	18.68 0.89 0.00	19.64 0.85 0.00	18.00 0.75 0.00	19.75 0.65 0.00	17.26 0.59 0.00	17.53 0.59 0.00	17.82 0.64 0.00	18.03 0.69 0.00	18.28 0.70 0.00	20.08 0.65 0.00	18.99 0.70 0.00	19.24 0.71 0.00	20.24 0.74 0.00	24.84 0.99 0.00	24.76 1.02 0.00	26.31 1.14 0.00	22.19 0.81 0.00	21.59 0.76 0.00
NCHELSEA_115KV_TR2 355582	23.69 1.27 0.00	21.68 1.10 0.00	19.74 0.99 0.00	18.88 0.93 0.00	19.76 0.93 0.00	19.51 0.91 0.00	18.76 0.98 0.00	19.84 1.05 0.00	18.45 1.20 0.00	20.29 1.19 0.00	17.89 1.23 0.00	18.20 1.26 0.00	18.55 1.37 0.00	18.69 1.35 0.00	19.03 1.45 0.00	20.98 1.55 0.00	19.80 1.51 0.00	20.06 1.52 0.00	21.10 1.60 0.00	25.78 1.93 0.00	25.54 1.80 0.00	27.00 1.83 0.00	22.81 1.43 0.00	22.16 1.33 0.00
NEG CAPITAL___MECHNVIL 23645	23.76 1.33 0.00	21.79 1.22 0.00	19.90 1.16 0.00	19.06 1.11 0.00	20.00 1.17 0.00	19.74 1.15 0.00	18.89 1.10 0.00	19.92 1.14 0.00	18.40 1.15 0.00	20.21 1.11 0.00	17.71 1.05 0.00	17.99 1.05 0.00	18.31 1.13 0.00	18.46 1.12 0.00	18.69 1.11 0.00	20.54 1.10 0.00	19.45 1.16 0.00	19.73 1.19 0.00	20.72 1.22 0.00	25.39 1.54 0.00	25.24 1.51 0.00	26.80 1.63 0.00	22.62 1.24 0.00	22.03 1.19 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.01 -0.41 0.00	20.08 -0.50 0.00	18.25 -0.50 0.00	17.48 -0.47 0.00	18.37 -0.45 0.00	18.13 -0.47 0.00	17.19 -0.59 0.00	18.16 -0.62 0.00	16.68 -0.57 0.00	18.52 -0.58 0.00	16.22 -0.45 0.00	16.42 -0.52 0.00	16.63 -0.55 0.00	16.78 -0.56 0.00	17.04 -0.54 0.00	18.86 -0.57 0.00	17.79 -0.49 0.00	18.14 -0.40 0.00	19.11 -0.40 0.00	23.32 -0.54 0.00	23.25 -0.48 0.00	24.61 -0.56 0.00	20.86 -0.52 0.00	20.29 -0.55 0.00
NEG CENTRAL___DRP 24199	22.53 0.11 0.00	20.57 -0.01 0.00	18.70 -0.05 0.00	17.91 -0.05 0.00	18.80 -0.03 0.00	18.55 -0.04 0.00	17.69 -0.09 0.00	18.71 -0.07 0.00	17.22 -0.03 0.00	19.03 -0.07 0.00	16.61 -0.06 0.00	16.84 -0.10 0.00	17.07 -0.11 0.00	17.21 -0.12 0.00	17.47 -0.10 0.00	19.39 -0.05 0.00	18.33 0.05 0.00	18.65 0.12 0.00	19.66 0.15 0.00	24.07 0.22 0.00	23.98 0.24 0.00	25.35 0.19 0.00	21.54 0.15 0.00	20.93 0.10 0.00
NEG CENTRAL___INDECK 23768	23.01 0.59 0.00	20.87 0.29 0.00	18.96 0.21 0.00	18.18 0.22 0.00	19.10 0.27 0.00	18.84 0.24 0.00	17.81 0.02 0.00	18.78 0.00 0.00	17.09 -0.16 0.00	18.95 -0.15 0.00	16.62 -0.05 0.00	16.85 -0.09 0.00	17.06 -0.12 0.00	17.22 -0.12 0.00	17.47 -0.11 0.00	19.33 -0.10 0.00	18.23 -0.06 0.00	18.68 0.14 0.00	19.70 0.20 0.00	24.31 0.46 0.00	24.45 0.71 0.00	25.93 0.76 0.00	21.95 0.57 0.00	21.31 0.48 0.00
NEG CENTRAL___SENECA 23627	22.62 0.20 0.00	20.62 0.04 0.00	18.73 -0.02 0.00	17.94 -0.01 0.00	18.84 0.01 0.00	18.59 0.00 0.00	17.70 -0.08 0.00	18.77 -0.02 0.00	17.28 0.03 0.00	19.10 0.00 0.00	16.69 0.03 0.00	16.92 -0.02 0.00	17.14 -0.04 0.00	17.30 -0.04 0.00	17.55 -0.02 0.00	19.47 0.03 0.00	18.42 0.13 0.00	18.77 0.24 0.00	19.79 0.29 0.00	24.27 0.41 0.00	24.15 0.42 0.00	25.53 0.36 0.00	21.65 0.27 0.00	21.02 0.19 0.00
NEG CENTRAL___STATE_STREET 24147	22.61 0.19 0.00	20.67 0.09 0.00	18.81 0.06 0.00	18.00 0.05 0.00	18.89 0.07 0.00	18.65 0.06 0.00	17.81 0.02 0.00	18.82 0.03 0.00	17.29 0.04 0.00	19.11 0.00 0.00	16.65 -0.01 0.00	16.89 -0.05 0.00	17.11 -0.07 0.00	17.26 -0.08 0.00	17.53 -0.05 0.00	19.45 0.02 0.00	18.37 0.08 0.00	18.66 0.13 0.00	19.67 0.17 0.00	24.07 0.21 0.00	23.96 0.23 0.00	25.38 0.21 0.00	21.58 0.20 0.00	20.98 0.15 0.00
NEG MILLWOOD___DRP 24198	23.71 1.29 0.00	21.69 1.12 0.00	19.75 1.00 0.00	18.90 0.95 0.00	19.77 0.94 0.00	19.52 0.93 0.00	18.79 1.01 0.00	19.87 1.09 0.00	18.50 1.25 0.00	20.34 1.24 0.00	17.95 1.28 0.00	18.26 1.32 0.00	18.61 1.43 0.00	18.75 1.42 0.00	19.08 1.50 0.00	21.05 1.61 0.00	19.86 1.57 0.00	20.11 1.58 0.00	21.15 1.65 0.00	25.84 1.98 0.00	25.59 1.85 0.00	27.05 1.88 0.00	22.85 1.47 0.00	22.19 1.36 0.00
NEG NORTH_FLCN_SEA 23793	22.89 0.46 0.00	21.05 0.47 0.00	19.14 0.39 0.00	18.34 0.38 0.00	19.25 0.41 0.00	19.03 0.44 0.00	18.33 0.54 0.00	19.42 0.63 0.00	17.85 0.61 0.00	19.93 0.84 0.00	17.26 0.60 0.00	17.43 0.49 0.00	17.69 0.51 0.00	17.79 0.46 0.00	17.96 0.38 0.00	19.75 0.31 0.00	18.67 0.38 0.00	18.96 0.43 0.00	20.04 0.53 0.00	24.53 0.68 0.00	24.37 0.63 0.00	25.78 0.61 0.00	21.71 0.33 0.00	21.25 0.42 0.00
NEG NORTH_KES_CHATEGAY 23792	22.69 0.27 0.00	20.85 0.28 0.00	18.94 0.20 0.00	18.15 0.20 0.00	19.05 0.22 0.00	18.83 0.24 0.00	18.13 0.34 0.00	19.23 0.44 0.00	17.64 0.39 0.00	19.71 0.60 0.00	17.05 0.39 0.00	17.26 0.32 0.00	17.50 0.32 0.00	17.62 0.28 0.00	17.79 0.21 0.00	19.59 0.16 0.00	18.49 0.20 0.00	18.79 0.26 0.00	19.83 0.33 0.00	24.29 0.43 0.00	24.17 0.44 0.00	25.60 0.43 0.00	21.56 0.18 0.00	21.05 0.22 0.00



NEG NORTH___ALICE_FALLS 23915	22.93 0.50 0.00	21.08 0.51 0.00	19.16 0.41 0.00	18.35 0.40 0.00	19.26 0.43 0.00	19.05 0.46 0.00	18.35 0.57 0.00	19.45 0.66 0.00	17.88 0.64 0.00	19.96 0.86 0.00	17.28 0.62 0.00	17.47 0.53 0.00	17.72 0.54 0.00	17.80 0.46 0.00	17.97 0.39 0.00	19.77 0.34 0.00	18.68 0.40 0.00	18.98 0.44 0.00	20.08 0.57 0.00	24.60 0.75 0.00	24.45 0.71 0.00	25.88 0.71 0.00	21.78 0.40 0.00	21.30 0.47 0.00
NEG NORTH___LWR_SARANAC 23913	22.93 0.50 0.00	21.08 0.51 0.00	19.16 0.41 0.00	18.35 0.40 0.00	19.26 0.43 0.00	19.05 0.46 0.00	18.35 0.57 0.00	19.45 0.66 0.00	17.88 0.64 0.00	19.96 0.86 0.00	17.28 0.62 0.00	17.47 0.53 0.00	17.72 0.54 0.00	17.80 0.46 0.00	17.97 0.39 0.00	19.77 0.34 0.00	18.68 0.40 0.00	18.98 0.44 0.00	20.08 0.57 0.00	24.60 0.75 0.00	24.45 0.71 0.00	25.88 0.71 0.00	21.78 0.40 0.00	21.30 0.47 0.00
NEG NORTH___PLATTSBURG 23628	22.93 0.50 0.00	21.08 0.50 0.00	19.16 0.41 0.00	18.35 0.40 0.00	19.26 0.43 0.00	19.05 0.46 0.00	18.35 0.57 0.00	19.45 0.66 0.00	17.88 0.64 0.00	19.96 0.86 0.00	17.28 0.62 0.00	17.47 0.53 0.00	17.72 0.54 0.00	17.80 0.46 0.00	17.97 0.39 0.00	19.77 0.34 0.00	18.68 0.40 0.00	18.98 0.44 0.00	20.08 0.57 0.00	24.60 0.75 0.00	24.45 0.72 0.00	25.88 0.71 0.00	21.78 0.40 0.00	21.30 0.47 0.00
NEG WEST_LEA_LOCKPORT 23791	22.16 -0.26 0.00	20.15 -0.43 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.23 -0.37 0.00	17.05 -0.73 0.00	17.97 -0.82 0.00	16.54 -0.70 0.00	18.47 -0.63 0.00	16.28 -0.38 0.00	16.46 -0.48 0.00	16.65 -0.53 0.00	16.76 -0.58 0.00	16.98 -0.59 0.00	18.70 -0.74 0.00	17.64 -0.65 0.00	18.08 -0.46 0.00	18.99 -0.52 0.00	23.09 -0.76 0.00	23.12 -0.61 0.00	24.45 -0.72 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
NEG WEST___LANCASTR 23811	22.43 0.01 0.00	20.41 -0.17 0.00	18.54 -0.21 0.00	17.76 -0.19 0.00	18.68 -0.15 0.00	18.40 -0.19 0.00	17.35 -0.44 0.00	18.37 -0.42 0.00	16.95 -0.30 0.00	18.88 -0.22 0.00	16.66 0.00 0.00	16.85 -0.09 0.00	17.03 -0.15 0.00	17.16 -0.18 0.00	17.39 -0.19 0.00	19.19 -0.24 0.00	18.09 -0.20 0.00	18.51 -0.02 0.00	19.44 -0.07 0.00	23.69 -0.17 0.00	23.64 -0.09 0.00	24.96 -0.21 0.00	21.13 -0.25 0.00	20.59 -0.25 0.00
NEG_PENN_ALLEGHNY 23528	22.77 0.35 0.00	20.81 0.23 0.00	18.91 0.16 0.00	18.11 0.16 0.00	18.99 0.16 0.00	18.75 0.16 0.00	17.91 0.13 0.00	18.97 0.18 0.00	17.51 0.26 0.00	19.36 0.27 0.00	16.97 0.31 0.00	17.23 0.29 0.00	17.46 0.27 0.00	17.60 0.26 0.00	17.87 0.29 0.00	19.78 0.35 0.00	18.65 0.36 0.00	18.95 0.41 0.00	19.96 0.45 0.00	24.42 0.57 0.00	24.27 0.53 0.00	25.64 0.47 0.00	21.77 0.38 0.00	21.16 0.33 0.00
NEG___GEN_MONROE 24207	22.55 0.12 0.00	20.55 -0.03 0.00	18.67 -0.07 0.00	17.89 -0.06 0.00	18.81 -0.02 0.00	18.58 -0.02 0.00	17.53 -0.26 0.00	18.50 -0.28 0.00	16.99 -0.26 0.00	18.86 -0.24 0.00	16.57 -0.09 0.00	16.79 -0.16 0.00	16.98 -0.20 0.00	17.10 -0.23 0.00	17.36 -0.22 0.00	19.18 -0.26 0.00	18.08 -0.21 0.00	18.48 -0.06 0.00	19.48 -0.03 0.00	23.78 -0.07 0.00	23.77 0.03 0.00	25.16 -0.01 0.00	21.31 -0.07 0.00	20.72 -0.11 0.00
NEPA___ENERGY 23901	22.49 0.07 0.00	20.45 -0.12 0.00	18.56 -0.18 0.00	17.78 -0.17 0.00	18.70 -0.13 0.00	18.40 -0.19 0.00	17.39 -0.39 0.00	18.47 -0.31 0.00	17.11 -0.14 0.00	19.07 -0.04 0.00	16.88 0.22 0.00	17.11 0.16 0.00	17.27 0.08 0.00	17.38 0.04 0.00	17.59 0.01 0.00	19.46 0.03 0.00	18.38 0.10 0.00	18.78 0.24 0.00	19.73 0.22 0.00	24.09 0.23 0.00	23.94 0.20 0.00	25.17 0.00 0.00	21.33 -0.05 0.00	20.78 -0.05 0.00
NEVERSINK___HYD 23608	23.12 0.70 0.00	21.14 0.56 0.00	19.22 0.48 0.00	18.39 0.43 0.00	19.23 0.40 0.00	18.99 0.39 0.00	18.27 0.48 0.00	19.32 0.53 0.00	17.95 0.71 0.00	19.73 0.63 0.00	17.34 0.67 0.00	17.63 0.69 0.00	17.98 0.80 0.00	18.13 0.79 0.00	18.47 0.90 0.00	20.37 0.94 0.00	19.23 0.94 0.00	19.51 0.97 0.00	20.58 1.07 0.00	25.20 1.35 0.00	24.98 1.24 0.00	26.42 1.25 0.00	22.33 0.95 0.00	21.67 0.84 0.00
NEWKRMKL_115KV_TB1 55635	23.03 0.61 0.00	21.14 0.56 0.00	19.33 0.58 0.00	18.51 0.55 0.00	19.41 0.57 0.00	19.15 0.56 0.00	18.32 0.54 0.00	19.28 0.50 0.00	17.73 0.49 0.00	19.49 0.39 0.00	17.12 0.46 0.00	17.40 0.46 0.00	17.71 0.53 0.00	17.88 0.54 0.00	18.13 0.56 0.00	19.93 0.49 0.00	18.83 0.54 0.00	19.02 0.48 0.00	19.98 0.48 0.00	24.45 0.60 0.00	24.27 0.54 0.00	25.77 0.60 0.00	21.77 0.39 0.00	21.21 0.38 0.00
NEWTON___FALLS_HYD 23847	22.67 0.25 0.00	20.80 0.22 0.00	18.93 0.19 0.00	18.21 0.25 0.00	19.12 0.29 0.00	18.86 0.26 0.00	18.03 0.24 0.00	19.09 0.30 0.00	17.50 0.26 0.00	19.40 0.30 0.00	16.83 0.16 0.00	17.04 0.10 0.00	17.20 0.02 0.00	17.30 -0.03 0.00	17.48 -0.10 0.00	19.31 -0.12 0.00	18.22 -0.07 0.00	18.62 0.09 0.00	19.71 0.21 0.00	24.27 0.41 0.00	24.31 0.57 0.00	25.81 0.64 0.00	21.87 0.49 0.00	21.25 0.42 0.00
NGRID_A1_DSASP 323792	21.86 -0.56 0.00	19.88 -0.69 0.00	18.06 -0.68 0.00	17.32 -0.64 0.00	18.24 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.74 -1.05 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.06 -0.61 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.39 -0.89 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.86 -0.97 0.00
NGRID_A2_DSASP 323793	21.86 -0.56 0.00	19.88 -0.69 0.00	18.06 -0.68 0.00	17.32 -0.64 0.00	18.24 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.74 -1.05 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.06 -0.61 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.39 -0.89 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.86 -0.97 0.00
NGRID_A4_DSASP 323807	21.85 -0.57 0.00	19.89 -0.69 0.00	18.06 -0.68 0.00	17.31 -0.64 0.00	18.23 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.73 -1.06 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.07 -0.60 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.38 -0.91 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.87 -0.97 0.00
NIAGARA_115E_LBMP 323715	21.83 -0.59 0.00	19.84 -0.74 0.00	18.06 -0.69 0.00	17.32 -0.63 0.00	18.26 -0.57 0.00	17.98 -0.61 0.00	16.79 -0.99 0.00	17.67 -1.12 0.00	16.26 -0.99 0.00	18.17 -0.93 0.00	16.01 -0.66 0.00	16.19 -0.76 0.00	16.38 -0.80 0.00	16.47 -0.86 0.00	16.70 -0.88 0.00	18.36 -1.07 0.00	17.33 -0.96 0.00	17.75 -0.79 0.00	18.63 -0.87 0.00	22.64 -1.21 0.00	22.69 -1.04 0.00	24.01 -1.16 0.00	20.35 -1.03 0.00	19.85 -0.98 0.00

NIAGARA_115W_LBMP 323714	21.82 -0.61 0.00	19.85 -0.73 0.00	18.03 -0.72 0.00	17.28 -0.67 0.00	18.21 -0.62 0.00	17.93 -0.66 0.00	16.80 -0.98 0.00	17.70 -1.09 0.00	16.29 -0.96 0.00	18.20 -0.90 0.00	16.03 -0.64 0.00	16.20 -0.74 0.00	16.41 -0.77 0.00	16.50 -0.84 0.00	16.72 -0.85 0.00	18.39 -1.04 0.00	17.36 -0.93 0.00	17.77 -0.76 0.00	18.65 -0.86 0.00	22.61 -1.24 0.00	22.55 -1.19 0.00	23.86 -1.31 0.00	20.22 -1.16 0.00	19.83 -1.01 0.00
NIAGARA_230_LBMP 323716	21.99 -0.43 0.00	19.99 -0.58 0.00	18.17 -0.57 0.00	17.42 -0.53 0.00	18.34 -0.49 0.00	18.07 -0.52 0.00	16.95 -0.83 0.00	17.87 -0.92 0.00	16.45 -0.79 0.00	18.37 -0.73 0.00	16.17 -0.50 0.00	16.35 -0.59 0.00	16.55 -0.63 0.00	16.66 -0.68 0.00	16.88 -0.70 0.00	18.58 -0.86 0.00	17.53 -0.75 0.00	17.94 -0.59 0.00	18.83 -0.67 0.00	22.89 -0.96 0.00	22.89 -0.84 0.00	24.23 -0.94 0.00	20.51 -0.87 0.00	20.02 -0.81 0.00
NIAGARA__115KV_198_GIBSON 55903	21.81 -0.61 0.00	19.85 -0.73 0.00	18.03 -0.72 0.00	17.28 -0.67 0.00	18.20 -0.63 0.00	17.93 -0.66 0.00	16.80 -0.98 0.00	17.70 -1.09 0.00	16.29 -0.96 0.00	18.20 -0.90 0.00	16.03 -0.63 0.00	16.20 -0.74 0.00	16.41 -0.78 0.00	16.50 -0.84 0.00	16.72 -0.85 0.00	18.39 -1.04 0.00	17.35 -0.94 0.00	17.77 -0.77 0.00	18.65 -0.86 0.00	22.62 -1.24 0.00	22.55 -1.19 0.00	23.86 -1.31 0.00	20.22 -1.16 0.00	19.83 -1.01 0.00
NIAGARA____ 23760	21.86 -0.56 0.00	19.88 -0.70 0.00	18.07 -0.67 0.00	17.33 -0.62 0.00	18.26 -0.57 0.00	17.99 -0.60 0.00	16.86 -0.92 0.00	17.77 -1.02 0.00	16.36 -0.89 0.00	18.27 -0.83 0.00	16.09 -0.58 0.00	16.27 -0.67 0.00	16.47 -0.72 0.00	16.56 -0.77 0.00	16.79 -0.79 0.00	18.47 -0.96 0.00	17.43 -0.86 0.00	17.84 -0.70 0.00	18.73 -0.78 0.00	22.76 -1.09 0.00	22.75 -0.99 0.00	24.07 -1.10 0.00	20.38 -1.00 0.00	19.91 -0.93 0.00
NINE_MILE_1 23575	21.93 -0.50 0.00	20.08 -0.50 0.00	18.29 -0.46 0.00	17.51 -0.44 0.00	18.38 -0.45 0.00	18.14 -0.45 0.00	17.32 -0.47 0.00	18.27 -0.52 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.08 -0.58 0.00	16.33 -0.61 0.00	16.56 -0.62 0.00	16.71 -0.63 0.00	16.96 -0.62 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.58 0.00	23.12 -0.74 0.00	23.02 -0.71 0.00	24.42 -0.75 0.00	20.85 -0.53 0.00	20.31 -0.52 0.00
NINE_MILE_2 23744	21.93 -0.50 0.00	20.09 -0.49 0.00	18.29 -0.46 0.00	17.52 -0.44 0.00	18.38 -0.45 0.00	18.14 -0.45 0.00	17.32 -0.46 0.00	18.27 -0.52 0.00	16.73 -0.52 0.00	18.50 -0.60 0.00	16.08 -0.58 0.00	16.33 -0.61 0.00	16.56 -0.62 0.00	16.71 -0.63 0.00	16.96 -0.62 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.58 0.00	23.12 -0.74 0.00	23.02 -0.71 0.00	24.42 -0.75 0.00	20.85 -0.53 0.00	20.31 -0.52 0.00
NM_CAPITAL____DRP 24208	23.05 0.62 0.00	21.16 0.58 0.00	19.35 0.61 0.00	18.54 0.58 0.00	19.44 0.61 0.00	19.18 0.59 0.00	18.34 0.56 0.00	19.31 0.53 0.00	17.78 0.53 0.00	19.54 0.44 0.00	17.17 0.50 0.00	17.45 0.50 0.00	17.75 0.57 0.00	17.92 0.58 0.00	18.17 0.59 0.00	19.97 0.53 0.00	18.84 0.56 0.00	19.03 0.49 0.00	19.99 0.49 0.00	24.47 0.61 0.00	24.30 0.56 0.00	25.81 0.64 0.00	21.80 0.42 0.00	21.24 0.41 0.00
NM_CENTRAL____DRP 24181	22.33 -0.09 0.00	20.44 -0.14 0.00	18.60 -0.15 0.00	17.81 -0.14 0.00	18.69 -0.14 0.00	18.45 -0.14 0.00	17.61 -0.17 0.00	18.59 -0.20 0.00	17.05 -0.19 0.00	18.85 -0.25 0.00	16.42 -0.24 0.00	16.67 -0.27 0.00	16.90 -0.28 0.00	17.06 -0.27 0.00	17.32 -0.26 0.00	19.22 -0.21 0.00	18.12 -0.17 0.00	18.38 -0.15 0.00	19.36 -0.14 0.00	23.66 -0.19 0.00	23.57 -0.17 0.00	24.97 -0.19 0.00	21.28 -0.10 0.00	20.71 -0.13 0.00
NM_FRONTIER____DRP 24179	21.81 -0.61 0.00	19.85 -0.73 0.00	18.03 -0.72 0.00	17.28 -0.67 0.00	18.20 -0.63 0.00	17.93 -0.66 0.00	16.80 -0.98 0.00	17.70 -1.09 0.00	16.29 -0.96 0.00	18.20 -0.90 0.00	16.03 -0.63 0.00	16.20 -0.74 0.00	16.41 -0.78 0.00	16.50 -0.84 0.00	16.72 -0.85 0.00	18.39 -1.04 0.00	17.35 -0.94 0.00	17.77 -0.77 0.00	18.65 -0.86 0.00	22.62 -1.24 0.00	22.55 -1.19 0.00	23.86 -1.31 0.00	20.22 -1.16 0.00	19.83 -1.01 0.00
NM_ST_REGIS____HYD 24053	22.55 0.13 0.00	20.74 0.16 0.00	18.87 0.12 0.00	18.10 0.15 0.00	19.00 0.16 0.00	18.75 0.16 0.00	17.98 0.19 0.00	19.09 0.30 0.00	17.47 0.22 0.00	19.51 0.41 0.00	16.90 0.24 0.00	17.15 0.21 0.00	17.33 0.15 0.00	17.47 0.13 0.00	17.65 0.07 0.00	19.49 0.05 0.00	18.36 0.07 0.00	18.69 0.15 0.00	19.71 0.20 0.00	24.16 0.31 0.00	24.14 0.40 0.00	25.60 0.43 0.00	21.62 0.24 0.00	21.06 0.23 0.00
NORTHPORT____1 23551	28.79 1.55 -4.82	21.86 1.28 0.00	19.89 1.14 0.00	19.04 1.08 0.00	19.91 1.08 0.00	19.67 1.08 0.00	45.85 1.27 -26.80	20.07 1.29 0.00	20.15 1.48 -1.43	21.12 1.43 -0.59	22.91 1.44 -4.81	28.03 1.44 -9.64	23.79 1.55 -5.06	18.72 1.39 0.00	19.06 1.48 0.00	21.03 1.60 0.00	19.79 1.50 0.00	20.04 1.51 0.00	21.53 1.65 -0.38	26.56 2.10 -0.61	25.68 1.94 0.00	27.38 1.98 -0.23	26.08 1.67 -3.03	22.32 1.48 0.00
NORTHPORT____2 23552	28.79 1.55 -4.82	21.86 1.28 0.00	19.89 1.14 0.00	19.04 1.08 0.00	19.91 1.08 0.00	19.67 1.08 0.00	45.85 1.27 -26.80	20.07 1.29 0.00	20.15 1.48 -1.43	21.12 1.43 -0.59	22.91 1.44 -4.81	28.03 1.44 -9.64	23.79 1.55 -5.06	18.72 1.39 0.00	19.06 1.48 0.00	21.03 1.60 0.00	19.79 1.50 0.00	20.04 1.51 0.00	21.53 1.65 -0.38	26.56 2.10 -0.61	25.68 1.94 0.00	27.38 1.98 -0.23	26.08 1.67 -3.03	22.32 1.48 0.00
NORTHPORT____3 23553	28.64 1.39 -4.82	21.71 1.13 0.00	19.75 1.01 0.00	18.91 0.95 0.00	19.77 0.94 0.00	19.53 0.94 0.00	45.68 1.11 -26.80	19.94 1.15 0.00	20.01 1.34 -1.43	20.99 1.29 -0.59	22.80 1.32 -4.81	27.91 1.32 -9.64	23.66 1.42 -5.06	18.56 1.22 0.00	18.89 1.31 0.00	20.84 1.41 0.00	19.61 1.32 0.00	19.86 1.33 0.00	21.34 1.45 -0.38	26.31 1.85 -0.61	25.42 1.68 0.00	27.12 1.72 -0.23	25.90 1.49 -3.03	22.16 1.33 0.00
NORTHPORT____4 23650	28.64 1.39 -4.82	21.71 1.13 0.00	19.75 1.01 0.00	18.91 0.95 0.00	19.77 0.94 0.00	19.53 0.94 0.00	45.68 1.11 -26.80	19.94 1.15 0.00	20.01 1.34 -1.43	20.99 1.29 -0.59	22.80 1.32 -4.81	27.91 1.32 -9.64	23.66 1.42 -5.06	18.56 1.22 0.00	18.89 1.31 0.00	20.84 1.41 0.00	19.61 1.32 0.00	19.86 1.33 0.00	21.34 1.45 -0.38	26.31 1.85 -0.61	25.42 1.68 0.00	27.12 1.72 -0.23	25.90 1.49 -3.03	22.16 1.33 0.00
NORTHPORT____IC 23718	28.79 1.55 -4.82	21.86 1.28 0.00	19.89 1.14 0.00	19.04 1.08 0.00	19.91 1.08 0.00	19.67 1.08 0.00	45.85 1.27 -26.80	20.07 1.29 0.00	20.15 1.48 -1.43	21.12 1.43 -0.59	22.91 1.44 -4.81	28.03 1.44 -9.64	23.79 1.55 -5.06	18.72 1.39 0.00	19.06 1.48 0.00	21.03 1.60 0.00	19.79 1.50 0.00	20.04 1.51 0.00	21.53 1.65 -0.38	26.56 2.10 -0.61	25.68 1.94 0.00	27.38 1.98 -0.23	26.08 1.67 -3.03	22.32 1.48 0.00

NORTH__COUNTRY_ESR 323785	22.64 0.21 0.00	20.82 0.24 0.00	18.92 0.17 0.00	18.13 0.17 0.00	19.02 0.19 0.00	18.80 0.21 0.00	18.09 0.30 0.00	19.18 0.39 0.00	17.59 0.35 0.00	19.66 0.56 0.00	17.02 0.35 0.00	17.23 0.28 0.00	17.47 0.29 0.00	17.59 0.25 0.00	17.76 0.18 0.00	19.56 0.13 0.00	18.45 0.16 0.00	18.75 0.22 0.00	19.79 0.29 0.00	24.23 0.38 0.00	24.11 0.38 0.00	25.53 0.36 0.00	21.51 0.13 0.00	21.01 0.19 0.00
NPX_GEN_1385_PROXY 323591	28.79 1.55 -4.82	21.86 1.28 0.00	19.89 1.14 0.00	19.04 1.08 0.00	19.91 1.08 0.00	19.67 1.08 0.00	45.85 1.27 -26.80	20.07 1.29 0.00	20.15 1.48 -1.43	21.12 1.43 -0.59	22.91 1.44 -4.81	28.03 1.44 -9.64	23.79 1.55 -5.06	18.72 1.39 0.00	19.06 1.48 0.00	21.03 1.60 0.00	19.79 1.50 0.00	20.29 1.51 -0.25	21.53 1.65 -0.38	26.56 2.10 -0.61	25.68 1.94 0.00	27.38 1.98 -0.23	26.08 1.67 -3.03	22.32 1.48 0.00
NPX_GEN_CSC 323557	28.52 1.27 -4.82	21.58 1.00 0.00	19.70 0.95 0.00	18.89 0.93 0.00	19.77 0.94 0.00	19.56 0.96 0.00	45.93 1.35 -26.80	19.96 1.17 0.00	20.01 1.34 -1.43	20.89 1.20 -0.59	22.66 1.18 -4.81	27.76 1.17 -9.64	23.53 1.28 -5.06	18.49 1.15 0.00	18.83 1.26 0.00	20.79 1.35 0.00	19.59 1.30 0.00	20.11 1.33 -0.25	21.39 1.51 -0.38	26.43 1.97 -0.61	25.53 1.80 0.00	27.21 1.81 -0.23	25.90 1.49 -3.03	22.09 1.26 0.00
NSINS_S_GLNS_FALLS 23858	24.15 1.73 0.00	22.15 1.57 0.00	20.21 1.46 0.00	19.36 1.40 0.00	20.34 1.51 0.00	20.09 1.50 0.00	19.24 1.46 0.00	20.28 1.50 0.00	18.73 1.49 0.00	20.59 1.49 0.00	17.95 1.29 0.00	18.22 1.28 0.00	18.54 1.35 0.00	18.61 1.28 0.00	18.82 1.24 0.00	20.66 1.23 0.00	19.68 1.40 0.00	20.12 1.59 0.00	21.11 1.61 0.00	25.86 2.01 0.00	25.73 2.00 0.00	27.28 2.11 0.00	22.99 1.61 0.00	22.43 1.60 0.00
NUCOR_STEEL__DRP 24197	22.57 0.15 0.00	20.65 0.07 0.00	18.79 0.05 0.00	17.99 0.04 0.00	18.88 0.05 0.00	18.64 0.05 0.00	17.79 0.01 0.00	18.80 0.01 0.00	17.27 0.03 0.00	19.09 -0.02 0.00	16.63 -0.04 0.00	16.87 -0.07 0.00	17.09 -0.09 0.00	17.24 -0.09 0.00	17.51 -0.06 0.00	19.43 0.00 0.00	18.35 0.06 0.00	18.63 0.10 0.00	19.64 0.13 0.00	24.03 0.17 0.00	23.92 0.18 0.00	25.33 0.16 0.00	21.54 0.16 0.00	20.95 0.12 0.00
NUMBER_THREE_WT_PWR 323818	22.87 0.45 0.00	20.96 0.38 0.00	19.09 0.34 0.00	18.39 0.44 0.00	19.33 0.50 0.00	19.04 0.45 0.00	18.17 0.39 0.00	19.21 0.42 0.00	17.66 0.41 0.00	19.48 0.38 0.00	16.92 0.25 0.00	17.11 0.16 0.00	17.25 0.07 0.00	17.32 -0.02 0.00	17.50 -0.07 0.00	19.33 -0.11 0.00	18.26 -0.03 0.00	18.71 0.17 0.00	19.88 0.38 0.00	24.54 0.68 0.00	24.60 0.86 0.00	26.11 0.95 0.00	22.15 0.77 0.00	21.50 0.67 0.00
NYISO_LBMP_REFERENCE 24008	22.42 0.00 0.00	20.58 0.00 0.00	18.75 0.00 0.00	17.96 0.00 0.00	18.83 0.00 0.00	18.59 0.00 0.00	17.78 0.00 0.00	18.79 0.00 0.00	17.25 0.00 0.00	19.10 0.00 0.00	16.66 0.00 0.00	16.94 0.00 0.00	17.18 0.00 0.00	17.34 0.00 0.00	17.58 0.00 0.00	19.43 0.00 0.00	18.29 0.00 0.00	18.54 0.00 0.00	19.50 0.00 0.00	23.85 0.00 0.00	23.73 0.00 0.00	25.17 0.00 0.00	21.38 0.00 0.00	20.83 0.00 0.00
NYPA_BRENTWD__GT 24164	28.97 1.73 -4.82	22.00 1.43 0.00	20.02 1.28 0.00	19.16 1.21 0.00	20.04 1.21 0.00	19.80 1.21 0.00	45.98 1.40 -26.80	20.20 1.42 0.00	20.27 1.59 -1.43	21.25 1.56 -0.59	23.02 1.54 -4.81	28.14 1.55 -9.64	23.90 1.66 -5.06	18.85 1.52 0.00	19.20 1.63 0.00	21.21 1.78 0.00	19.97 1.68 0.00	20.24 1.70 0.00	21.75 1.87 -0.38	26.83 2.37 -0.61	25.94 2.21 0.00	27.66 2.26 -0.23	26.29 1.88 -3.03	22.49 1.66 0.00
NYPA_GOWANUS__GT5 24156	23.70 1.28 0.00	21.69 1.11 0.00	19.73 0.98 0.00	18.88 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NYPA_GOWANUS__GT6 24157	23.70 1.28 0.00	21.69 1.11 0.00	19.73 0.98 0.00	18.88 0.93 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.54 1.30 0.00	20.37 1.27 0.00	18.03 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00
NYPA_HARLEM_RVR_GT1 24160	23.48 1.06 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.73 0.77 0.00	19.58 0.75 0.00	19.34 0.75 0.00	18.64 0.85 0.00	19.70 0.91 0.00	18.42 1.17 0.00	20.18 1.08 0.00	17.87 1.21 0.00	18.22 1.27 0.00	18.52 1.34 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.93 1.50 0.00	19.90 1.45 -0.17	19.97 1.44 0.00	21.00 1.50 0.00	25.64 1.78 0.00	25.37 1.64 0.00	26.80 1.63 0.00	22.70 1.31 0.00	22.03 1.20 0.00
NYPA_HARLEM_RVR_GT2 24161	23.48 1.06 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.73 0.77 0.00	19.58 0.75 0.00	19.34 0.75 0.00	18.64 0.85 0.00	19.70 0.91 0.00	18.42 1.17 0.00	20.18 1.08 0.00	17.87 1.21 0.00	18.22 1.27 0.00	18.52 1.34 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.93 1.50 0.00	19.90 1.45 -0.17	19.97 1.44 0.00	21.00 1.50 0.00	25.64 1.78 0.00	25.37 1.64 0.00	26.80 1.63 0.00	22.70 1.31 0.00	22.03 1.20 0.00
NYPA_KENT__GT 24152	23.66 1.24 0.00	21.65 1.07 0.00	19.71 0.96 0.00	18.86 0.90 0.00	19.71 0.88 0.00	19.46 0.87 0.00	18.76 0.98 0.00	19.84 1.05 0.00	18.52 1.27 0.00	20.34 1.25 0.00	18.00 1.33 0.00	18.32 1.38 0.00	18.66 1.48 0.00	18.81 1.47 0.00	19.20 1.56 -0.06	21.09 1.66 0.00	20.08 1.62 -0.17	20.13 1.60 0.00	21.17 1.67 0.00	25.83 1.98 0.00	25.55 1.81 0.00	27.00 1.83 0.00	22.83 1.45 0.00	22.18 1.35 0.00
NYPA_POUCH1__GT 24155	23.72 1.29 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.75 0.91 0.00	19.50 0.91 0.00	18.79 1.01 0.00	19.87 1.08 0.00	18.54 1.29 0.00	20.36 1.26 0.00	18.02 1.35 0.00	18.34 1.40 0.00	18.68 1.49 0.00	18.83 1.49 0.00	19.23 1.59 -0.06	21.13 1.69 0.00	20.11 1.65 -0.17	20.17 1.63 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.57 1.83 0.00	27.02 1.85 0.00	22.86 1.48 0.00	22.21 1.38 0.00
NYPA_VERNON__GT2 24162	23.61 1.19 0.00	21.62 1.04 0.00	19.68 0.93 0.00	18.83 0.87 0.00	19.68 0.85 0.00	19.44 0.85 0.00	18.74 0.95 0.00	19.81 1.02 0.00	18.50 1.25 0.00	20.31 1.21 0.00	17.97 1.30 0.00	18.30 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.04 1.58 -0.17	20.10 1.56 0.00	21.13 1.63 0.00	25.79 1.93 0.00	25.51 1.77 0.00	26.96 1.78 0.00	22.80 1.42 0.00	22.14 1.31 0.00

NYPA_VERNON____GT3 24163	23.61 1.19 0.00	21.62 1.04 0.00	19.68 0.93 0.00	18.83 0.87 0.00	19.68 0.85 0.00	19.44 0.85 0.00	18.74 0.95 0.00	19.81 1.02 0.00	18.50 1.25 0.00	20.31 1.21 0.00	17.97 1.30 0.00	18.30 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.04 1.58 -0.17	20.10 1.56 0.00	21.13 1.63 0.00	25.79 1.93 0.00	25.51 1.77 0.00	26.96 1.78 0.00	22.80 1.42 0.00	22.14 1.31 0.00
NYPA__ASTORIA_CC1 323568	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
NYPA__ASTORIA_CC2 323569	23.57 1.14 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.47 1.22 0.00	20.27 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.41 0.00	18.74 1.41 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.53 0.00	21.09 1.59 0.00	25.73 1.88 0.00	25.46 1.72 0.00	26.90 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
NYPA__HOLTSVILL 23794	28.76 1.52 -4.82	21.80 1.22 0.00	19.86 1.11 0.00	19.02 1.07 0.00	19.89 1.06 0.00	19.66 1.06 0.00	45.89 1.31 -26.80	20.06 1.28 0.00	20.13 1.46 -1.43	21.08 1.39 -0.59	22.86 1.38 -4.81	27.97 1.38 -9.64	23.73 1.48 -5.06	18.67 1.33 0.00	19.01 1.43 0.00	20.98 1.54 0.00	19.75 1.47 0.00	20.00 1.46 0.00	21.52 1.63 -0.38	26.57 2.11 -0.61	25.68 1.95 0.00	27.39 1.99 -0.23	26.07 1.65 -3.03	22.27 1.43 0.00
NYPA_____HELLGATE_GT1 24158	23.48 1.06 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.73 0.77 0.00	19.58 0.75 0.00	19.34 0.75 0.00	18.64 0.85 0.00	19.70 0.91 0.00	18.42 1.17 0.00	20.18 1.08 0.00	17.87 1.21 0.00	18.22 1.27 0.00	18.52 1.34 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.93 1.50 0.00	19.90 1.45 -0.17	19.97 1.44 0.00	21.00 1.50 0.00	25.64 1.78 0.00	25.37 1.64 0.00	26.80 1.63 0.00	22.70 1.31 0.00	22.03 1.20 0.00
NYPA_____HELLGATE_GT2 24159	23.48 1.06 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.73 0.77 0.00	19.58 0.75 0.00	19.34 0.75 0.00	18.64 0.85 0.00	19.70 0.91 0.00	18.42 1.17 0.00	20.18 1.08 0.00	17.87 1.21 0.00	18.22 1.27 0.00	18.52 1.34 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.93 1.50 0.00	19.90 1.45 -0.17	19.97 1.44 0.00	21.00 1.50 0.00	25.64 1.78 0.00	25.37 1.64 0.00	26.80 1.63 0.00	22.70 1.31 0.00	22.03 1.20 0.00
NYS_BARGE__HYD 23848	22.16 -0.26 0.00	20.14 -0.44 0.00	18.31 -0.43 0.00	17.56 -0.39 0.00	18.50 -0.33 0.00	18.22 -0.37 0.00	17.05 -0.73 0.00	17.96 -0.83 0.00	16.54 -0.71 0.00	18.46 -0.64 0.00	16.27 -0.40 0.00	16.45 -0.49 0.00	16.64 -0.54 0.00	16.74 -0.59 0.00	16.98 -0.60 0.00	18.69 -0.75 0.00	17.64 -0.65 0.00	18.07 -0.46 0.00	18.98 -0.52 0.00	23.08 -0.77 0.00	23.11 -0.62 0.00	24.45 -0.72 0.00	20.70 -0.68 0.00	20.19 -0.64 0.00
OAK ORCHARD__HYD 24046	22.42 0.00 0.00	20.43 -0.15 0.00	18.57 -0.18 0.00	17.79 -0.16 0.00	18.70 -0.13 0.00	18.44 -0.15 0.00	17.45 -0.34 0.00	18.42 -0.37 0.00	16.91 -0.33 0.00	18.80 -0.30 0.00	16.49 -0.17 0.00	16.71 -0.23 0.00	16.92 -0.26 0.00	17.06 -0.28 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.04 -0.24 0.00	18.42 -0.12 0.00	19.38 -0.13 0.00	23.65 -0.21 0.00	23.62 -0.12 0.00	25.00 -0.17 0.00	21.18 -0.19 0.00	20.61 -0.22 0.00
OAKDALE__35_KV_LOAD 356122	22.68 0.25 0.00	20.73 0.15 0.00	18.85 0.10 0.00	18.05 0.09 0.00	18.93 0.10 0.00	18.68 0.09 0.00	17.85 0.06 0.00	18.90 0.11 0.00	17.44 0.19 0.00	19.29 0.19 0.00	16.91 0.24 0.00	17.17 0.22 0.00	17.40 0.21 0.00	17.54 0.20 0.00	17.80 0.22 0.00	19.71 0.27 0.00	18.57 0.28 0.00	18.86 0.33 0.00	19.86 0.36 0.00	24.30 0.45 0.00	24.15 0.41 0.00	25.52 0.35 0.00	21.67 0.29 0.00	21.07 0.24 0.00
OCC_CHEM__DRP 24175	21.85 -0.57 0.00	19.89 -0.69 0.00	18.06 -0.68 0.00	17.31 -0.64 0.00	18.23 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.73 -1.06 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.07 -0.60 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.38 -0.91 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.87 -0.97 0.00
OH_GEN_PROXY 24063	22.01 -0.41 0.00	20.01 -0.56 0.00	18.19 -0.56 0.00	17.44 -0.52 0.00	18.36 -0.47 0.00	18.08 -0.51 0.00	16.98 -0.80 0.00	17.92 -0.87 0.00	16.50 -0.75 0.00	18.42 -0.68 0.00	16.21 -0.45 0.00	16.39 -0.55 0.00	16.59 -0.59 0.00	16.69 -0.64 0.00	16.92 -0.66 0.00	18.64 -0.80 0.00	17.58 -0.71 0.00	18.24 -0.54 -0.25	18.89 -0.61 0.00	22.97 -0.89 0.00	22.96 -0.77 0.00	24.29 -0.88 0.00	20.55 -0.83 0.00	20.06 -0.77 0.00
OLIN_CORP_DRP 24177	21.86 -0.57 0.00	19.88 -0.70 0.00	18.08 -0.66 0.00	17.35 -0.61 0.00	18.28 -0.55 0.00	18.01 -0.59 0.00	16.82 -0.96 0.00	17.70 -1.09 0.00	16.29 -0.95 0.00	18.20 -0.89 0.00	16.04 -0.62 0.00	16.21 -0.73 0.00	16.41 -0.78 0.00	16.51 -0.83 0.00	16.73 -0.84 0.00	18.40 -1.03 0.00	17.35 -0.93 0.00	17.78 -0.75 0.00	18.67 -0.84 0.00	22.69 -1.17 0.00	22.73 -1.00 0.00	24.06 -1.11 0.00	20.38 -1.00 0.00	19.89 -0.94 0.00
OLIN_CORP_DSASP 323712	21.86 -0.56 0.00	19.88 -0.69 0.00	18.06 -0.68 0.00	17.32 -0.64 0.00	18.24 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.74 -1.05 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.06 -0.61 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.39 -0.89 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.86 -0.97 0.00
ONEIDA_HERK_LFGE 323681	22.88 0.46 0.00	20.96 0.39 0.00	19.09 0.34 0.00	18.33 0.37 0.00	19.24 0.41 0.00	18.98 0.39 0.00	18.14 0.35 0.00	19.17 0.38 0.00	17.63 0.38 0.00	19.46 0.36 0.00	16.95 0.28 0.00	17.17 0.23 0.00	17.37 0.19 0.00	17.48 0.15 0.00	17.70 0.12 0.00	19.57 0.14 0.00	18.47 0.18 0.00	18.81 0.27 0.00	19.90 0.40 0.00	24.46 0.61 0.00	24.43 0.70 0.00	25.91 0.74 0.00	21.98 0.60 0.00	21.36 0.53 0.00
ONEIDA__115KV_TB4 55905	22.94 0.52 0.00	21.00 0.43 0.00	19.11 0.36 0.00	18.32 0.36 0.00	19.22 0.38 0.00	18.97 0.38 0.00	18.14 0.35 0.00	19.15 0.36 0.00	17.61 0.37 0.00	19.45 0.35 0.00	16.94 0.27 0.00	17.18 0.24 0.00	17.40 0.22 0.00	17.55 0.21 0.00	17.78 0.20 0.00	19.70 0.26 0.00	18.57 0.28 0.00	18.86 0.33 0.00	19.93 0.42 0.00	24.46 0.61 0.00	24.41 0.67 0.00	25.88 0.71 0.00	21.96 0.58 0.00	21.34 0.51 0.00

ONONDAGA_REF_OCCRA 23987	22.44 0.02 0.00	20.54 -0.03 0.00	18.69 -0.06 0.00	17.90 -0.05 0.00	18.78 -0.05 0.00	18.54 -0.06 0.00	17.70 -0.08 0.00	18.69 -0.09 0.00	17.17 -0.08 0.00	18.98 -0.12 0.00	16.53 -0.13 0.00	16.77 -0.17 0.00	17.01 -0.17 0.00	17.17 -0.17 0.00	17.42 -0.16 0.00	19.33 -0.11 0.00	18.22 -0.07 0.00	18.49 -0.04 0.00	19.48 -0.02 0.00	23.84 -0.01 0.00	23.74 0.00 0.00	25.15 -0.02 0.00	21.41 0.03 0.00	20.83 0.00 0.00
ONONDAGA___COGEN 23986	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
ONTARIO___LFGE 23819	22.62 0.20 0.00	20.61 0.03 0.00	18.73 -0.02 0.00	17.94 -0.01 0.00	18.84 0.01 0.00	18.59 -0.01 0.00	17.70 -0.08 0.00	18.77 -0.02 0.00	17.28 0.03 0.00	19.10 0.00 0.00	16.69 0.03 0.00	16.92 -0.02 0.00	17.14 -0.04 0.00	17.30 -0.04 0.00	17.55 -0.02 0.00	19.47 0.04 0.00	18.42 0.13 0.00	18.77 0.24 0.00	19.79 0.29 0.00	24.26 0.41 0.00	24.15 0.42 0.00	25.52 0.36 0.00	21.65 0.27 0.00	21.02 0.19 0.00
ORANGEVILLE_WT_PWR 323706	22.31 -0.12 0.00	20.26 -0.32 0.00	18.42 -0.33 0.00	17.67 -0.29 0.00	18.58 -0.25 0.00	18.26 -0.33 0.00	17.14 -0.65 0.00	18.13 -0.66 0.00	16.78 -0.47 0.00	18.66 -0.44 0.00	16.41 -0.25 0.00	16.63 -0.32 0.00	16.81 -0.37 0.00	16.95 -0.39 0.00	17.17 -0.40 0.00	18.99 -0.44 0.00	17.89 -0.40 0.00	18.35 -0.18 0.00	19.34 -0.16 0.00	23.67 -0.19 0.00	23.64 -0.10 0.00	24.97 -0.20 0.00	21.15 -0.22 0.00	20.62 -0.22 0.00
ORANGEVILLE___ESR 323794	22.31 -0.12 0.00	20.26 -0.32 0.00	18.42 -0.33 0.00	17.67 -0.29 0.00	18.58 -0.25 0.00	18.26 -0.33 0.00	17.14 -0.65 0.00	18.13 -0.66 0.00	16.78 -0.47 0.00	18.66 -0.44 0.00	16.41 -0.25 0.00	16.63 -0.32 0.00	16.81 -0.37 0.00	16.95 -0.39 0.00	17.17 -0.40 0.00	18.99 -0.44 0.00	17.89 -0.40 0.00	18.35 -0.18 0.00	19.34 -0.16 0.00	23.67 -0.19 0.00	23.64 -0.10 0.00	24.97 -0.20 0.00	21.15 -0.22 0.00	20.62 -0.22 0.00
OSWEGATCHIE___HYD 24044	22.67 0.25 0.00	20.80 0.22 0.00	18.93 0.19 0.00	18.21 0.25 0.00	19.12 0.29 0.00	18.86 0.26 0.00	18.03 0.24 0.00	19.09 0.30 0.00	17.50 0.26 0.00	19.40 0.30 0.00	16.83 0.16 0.00	17.05 0.10 0.00	17.20 0.02 0.00	17.30 -0.03 0.00	17.48 -0.10 0.00	19.31 -0.12 0.00	18.22 -0.07 0.00	18.62 0.09 0.00	19.71 0.21 0.00	24.27 0.41 0.00	24.31 0.57 0.00	25.81 0.63 0.00	21.87 0.49 0.00	21.25 0.42 0.00
OSWEGO___5 23606	22.08 -0.35 0.00	20.22 -0.36 0.00	18.40 -0.34 0.00	17.63 -0.32 0.00	18.49 -0.34 0.00	18.26 -0.34 0.00	17.43 -0.35 0.00	18.39 -0.40 0.00	16.86 -0.39 0.00	18.64 -0.46 0.00	16.22 -0.44 0.00	16.47 -0.47 0.00	16.71 -0.47 0.00	16.85 -0.48 0.00	17.11 -0.47 0.00	18.98 -0.45 0.00	17.89 -0.40 0.00	18.12 -0.41 0.00	19.08 -0.42 0.00	23.32 -0.53 0.00	23.22 -0.51 0.00	24.63 -0.54 0.00	21.00 -0.38 0.00	20.45 -0.38 0.00
OSWEGO___6 23613	22.08 -0.35 0.00	20.22 -0.36 0.00	18.40 -0.34 0.00	17.63 -0.32 0.00	18.49 -0.34 0.00	18.26 -0.34 0.00	17.43 -0.35 0.00	18.39 -0.40 0.00	16.86 -0.39 0.00	18.64 -0.46 0.00	16.22 -0.44 0.00	16.47 -0.47 0.00	16.71 -0.47 0.00	16.85 -0.48 0.00	17.11 -0.47 0.00	18.98 -0.45 0.00	17.89 -0.40 0.00	18.12 -0.41 0.00	19.08 -0.42 0.00	23.32 -0.53 0.00	23.22 -0.51 0.00	24.63 -0.54 0.00	21.00 -0.38 0.00	20.45 -0.38 0.00
OUTOKUMPU-AB___DRP 24206	22.30 -0.12 0.00	20.28 -0.30 0.00	18.43 -0.32 0.00	17.67 -0.28 0.00	18.60 -0.23 0.00	18.32 -0.27 0.00	17.18 -0.61 0.00	18.11 -0.67 0.00	16.69 -0.55 0.00	18.63 -0.47 0.00	16.43 -0.24 0.00	16.61 -0.33 0.00	16.81 -0.37 0.00	16.92 -0.41 0.00	17.16 -0.42 0.00	18.89 -0.55 0.00	17.82 -0.46 0.00	18.26 -0.28 0.00	19.18 -0.33 0.00	23.29 -0.56 0.00	23.27 -0.47 0.00	24.61 -0.56 0.00	20.83 -0.55 0.00	20.35 -0.48 0.00
OXBOW____ 24026	22.14 -0.28 0.00	20.13 -0.45 0.00	18.29 -0.45 0.00	17.53 -0.42 0.00	18.46 -0.36 0.00	18.19 -0.41 0.00	17.05 -0.74 0.00	17.97 -0.82 0.00	16.55 -0.69 0.00	18.49 -0.61 0.00	16.29 -0.38 0.00	16.47 -0.47 0.00	16.68 -0.50 0.00	16.78 -0.56 0.00	17.01 -0.57 0.00	18.72 -0.72 0.00	17.67 -0.62 0.00	18.09 -0.44 0.00	18.99 -0.51 0.00	23.05 -0.80 0.00	23.01 -0.73 0.00	24.34 -0.83 0.00	20.62 -0.76 0.00	20.16 -0.67 0.00
OXY_CHEM_DSASP 323612	21.85 -0.57 0.00	19.89 -0.69 0.00	18.06 -0.68 0.00	17.31 -0.64 0.00	18.23 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.73 -1.06 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.07 -0.60 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.38 -0.91 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.87 -0.97 0.00
OZONE_PARK_ESR 323760	23.78 1.36 0.00	21.76 1.18 0.00	19.80 1.06 0.00	18.95 0.99 0.00	19.80 0.97 0.00	19.55 0.95 0.00	18.84 1.06 0.00	19.93 1.14 0.00	18.59 1.35 0.00	20.44 1.34 0.00	18.09 1.42 0.00	18.41 1.47 0.00	18.76 1.58 0.00	18.91 1.57 0.00	19.31 1.67 -0.06	21.21 1.78 0.00	20.21 1.75 -0.18	20.26 1.73 0.00	21.30 1.80 0.00	25.98 2.13 0.00	25.72 1.98 0.00	27.18 2.01 0.00	22.99 1.62 0.00	22.32 1.48 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.85 -0.57 0.00	19.89 -0.69 0.00	18.06 -0.68 0.00	17.31 -0.64 0.00	18.23 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.73 -1.06 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.07 -0.60 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.38 -0.91 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.87 -0.97 0.00
PACKARD___115KV_DUPONT_184 80571	21.85 -0.57 0.00	19.89 -0.69 0.00	18.06 -0.68 0.00	17.31 -0.64 0.00	18.23 -0.60 0.00	17.96 -0.63 0.00	16.83 -0.95 0.00	17.73 -1.06 0.00	16.32 -0.93 0.00	18.24 -0.86 0.00	16.07 -0.60 0.00	16.24 -0.71 0.00	16.44 -0.74 0.00	16.53 -0.80 0.00	16.76 -0.82 0.00	18.43 -1.01 0.00	17.38 -0.91 0.00	17.81 -0.73 0.00	18.69 -0.82 0.00	22.66 -1.19 0.00	22.61 -1.13 0.00	23.92 -1.25 0.00	20.27 -1.11 0.00	19.87 -0.97 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	23.53 1.11 0.00	21.55 0.97 0.00	19.61 0.87 0.00	18.78 0.82 0.00	19.62 0.80 0.00	19.38 0.79 0.00	18.67 0.88 0.00	19.74 0.95 0.00	18.43 1.18 0.00	20.21 1.11 0.00	17.88 1.22 0.00	18.21 1.27 0.00	18.53 1.34 0.00	18.67 1.34 0.00	19.05 1.42 -0.06	20.94 1.51 0.00	19.91 1.45 -0.17	19.98 1.45 0.00	21.02 1.52 0.00	25.62 1.77 0.00	25.38 1.65 0.00	26.83 1.66 0.00	22.70 1.31 0.00	22.04 1.21 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	23.53 1.10 0.00	21.55 0.97 0.00	19.61 0.87 0.00	18.78 0.82 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.67 0.88 0.00	19.74 0.95 0.00	18.43 1.18 0.00	20.21 1.11 0.00	17.88 1.22 0.00	18.21 1.27 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.94 1.51 0.00	19.91 1.45 -0.17	19.98 1.45 0.00	21.02 1.52 0.00	25.63 1.77 0.00	25.38 1.65 0.00	26.83 1.66 0.00	22.70 1.31 0.00	22.04 1.21 0.00
PATROON__115KV_TB1 80586	23.09 0.67 0.00	21.19 0.61 0.00	19.37 0.63 0.00	18.55 0.59 0.00	19.45 0.63 0.00	19.20 0.61 0.00	18.36 0.58 0.00	19.34 0.55 0.00	17.79 0.54 0.00	19.55 0.45 0.00	17.18 0.52 0.00	17.46 0.52 0.00	17.77 0.59 0.00	17.93 0.60 0.00	18.19 0.61 0.00	19.99 0.55 0.00	18.88 0.59 0.00	19.07 0.54 0.00	20.04 0.54 0.00	24.54 0.68 0.00	24.36 0.62 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.27 0.44 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.49 0.06 0.00	20.44 -0.14 0.00	18.57 -0.17 0.00	17.80 -0.16 0.00	18.72 -0.11 0.00	18.44 -0.15 0.00	17.35 -0.43 0.00	18.36 -0.43 0.00	16.94 -0.31 0.00	18.88 -0.22 0.00	16.66 0.00 0.00	16.85 -0.09 0.00	17.04 -0.14 0.00	17.17 -0.17 0.00	17.40 -0.18 0.00	19.20 -0.23 0.00	18.11 -0.18 0.00	18.54 0.00 0.00	19.47 -0.04 0.00	23.71 -0.14 0.00	23.68 -0.06 0.00	25.01 -0.16 0.00	21.17 -0.21 0.00	20.62 -0.22 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.71 1.29 0.00	21.69 1.12 0.00	19.75 1.00 0.00	18.90 0.95 0.00	19.77 0.94 0.00	19.52 0.93 0.00	18.79 1.01 0.00	19.87 1.09 0.00	18.50 1.25 0.00	20.34 1.24 0.00	17.95 1.28 0.00	18.26 1.32 0.00	18.61 1.43 0.00	18.75 1.42 0.00	19.08 1.50 0.00	21.05 1.61 0.00	19.86 1.57 0.00	20.11 1.58 0.00	21.15 1.65 0.00	25.84 1.98 0.00	25.59 1.85 0.00	27.05 1.88 0.00	22.85 1.47 0.00	22.19 1.36 0.00
PEEKSKILL____ 23653	23.51 1.09 0.00	21.51 0.93 0.00	19.58 0.83 0.00	18.73 0.78 0.00	19.60 0.77 0.00	19.34 0.75 0.00	18.61 0.83 0.00	19.68 0.90 0.00	18.33 1.08 0.00	20.15 1.05 0.00	17.79 1.13 0.00	18.11 1.17 0.00	18.45 1.27 0.00	18.59 1.26 0.00	18.92 1.34 0.00	20.86 1.43 0.00	19.69 1.40 0.00	19.92 1.39 0.00	20.95 1.44 0.00	25.57 1.72 0.00	25.33 1.59 0.00	26.78 1.62 0.00	22.64 1.26 0.00	22.00 1.17 0.00
PGE MADISON__WINDPWR 24146	24.05 1.63 0.00	21.97 1.39 0.00	19.97 1.22 0.00	19.11 1.15 0.00	20.07 1.24 0.00	19.84 1.25 0.00	18.98 1.19 0.00	20.12 1.33 0.00	18.56 1.32 0.00	20.53 1.43 0.00	17.80 1.14 0.00	17.91 0.96 0.00	18.10 0.93 0.00	18.22 0.89 0.00	18.56 0.98 0.00	20.52 1.08 0.00	19.33 1.05 0.00	19.61 1.08 0.00	20.86 1.36 0.00	25.87 2.02 0.00	25.77 2.04 0.00	27.24 2.07 0.00	23.11 1.73 0.00	22.38 1.55 0.00
PIERCEFIELD__HYD 23852	22.44 0.02 0.00	20.64 0.06 0.00	18.79 0.04 0.00	18.04 0.08 0.00	18.92 0.10 0.00	18.66 0.07 0.00	17.88 0.10 0.00	18.98 0.19 0.00	17.36 0.11 0.00	19.37 0.27 0.00	16.79 0.13 0.00	17.05 0.10 0.00	17.22 0.03 0.00	17.36 0.03 0.00	17.54 -0.03 0.00	19.39 -0.05 0.00	18.25 -0.04 0.00	18.59 0.06 0.00	19.60 0.09 0.00	24.04 0.18 0.00	24.02 0.28 0.00	25.48 0.31 0.00	21.56 0.18 0.00	20.99 0.16 0.00
PINELAWN_CC_1 323563	28.86 1.61 -4.82	21.91 1.33 0.00	19.93 1.18 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.70 1.10 0.00	45.87 1.28 -26.80	20.10 1.31 0.00	20.16 1.49 -1.43	21.14 1.45 -0.59	22.93 1.45 -4.81	28.03 1.44 -9.64	23.80 1.56 -5.06	18.75 1.41 0.00	19.11 1.53 0.00	21.10 1.66 0.00	19.86 1.58 0.00	20.13 1.60 0.00	21.65 1.76 -0.38	26.69 2.23 -0.61	25.80 2.07 0.00	27.52 2.13 -0.23	26.19 1.78 -3.03	22.29 1.46 0.00
PJM_GEN_HTP_PROXY 323702	23.57 1.14 0.00	21.57 0.99 0.00	19.64 0.89 0.00	18.80 0.84 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.69 0.91 0.00	19.78 0.99 0.00	18.44 1.19 0.00	20.27 1.18 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.02 1.55 -0.18	20.06 1.52 0.00	21.09 1.58 0.00	25.73 1.88 0.00	25.46 1.73 0.00	26.91 1.73 0.00	22.75 1.37 0.00	22.10 1.27 0.00
PJM_GEN_KEystone 24065	22.88 0.46 0.00	20.88 0.30 0.00	18.98 0.23 0.00	18.17 0.21 0.00	19.04 0.21 0.00	18.77 0.18 0.00	17.94 0.15 0.00	19.00 0.22 0.00	17.64 0.39 0.00	19.49 0.39 0.00	17.23 0.56 0.00	17.49 0.55 0.00	17.75 0.57 0.00	17.89 0.55 0.00	18.18 0.59 0.00	20.07 0.63 0.00	18.94 0.64 -0.01	19.22 0.68 0.00	20.20 0.69 0.00	24.65 0.80 0.00	24.45 0.72 0.00	25.82 0.64 0.00	21.84 0.46 0.00	27.22 0.43 -5.95
PJM_GEN_NEPTUNE_PROXY 323594	25.89 1.38 -2.09	21.70 1.13 0.00	19.75 1.00 0.00	18.90 0.94 0.00	19.77 0.94 0.00	19.52 0.93 0.00	30.51 1.09 -11.63	19.92 1.13 0.00	19.20 1.33 -0.62	20.65 1.29 -0.26	20.08 1.32 -2.09	22.47 1.34 -4.19	20.82 1.44 -2.20	18.65 1.31 0.00	18.99 1.41 0.00	20.96 1.52 0.00	19.71 1.42 0.00	19.96 1.43 0.00	21.22 1.55 -0.16	26.06 1.94 -0.26	25.52 1.78 0.00	27.11 1.84 -0.10	24.22 1.53 -1.32	22.19 1.35 0.00
PJM_GEN_VFT_PROXY 323633	23.50 1.08 0.00	21.51 0.93 0.00	19.58 0.83 0.00	18.75 0.79 0.00	19.57 0.75 0.00	19.33 0.73 0.00	18.64 0.85 0.00	19.69 0.90 0.00	18.38 1.14 0.00	20.19 1.09 0.00	17.87 1.21 0.00	18.17 1.22 0.00	18.51 1.33 0.00	18.66 1.32 0.00	19.06 1.42 -0.06	20.94 1.51 0.00	19.95 1.49 -0.18	20.00 1.46 0.00	21.03 1.52 0.00	25.64 1.79 0.00	25.38 1.64 0.00	26.82 1.65 0.00	22.68 1.30 0.00	22.02 1.19 0.00
PLATSBRG_115KV_PMLD1 355749	22.87 0.45 0.00	21.03 0.46 0.00	19.13 0.38 0.00	18.32 0.37 0.00	19.23 0.40 0.00	19.02 0.43 0.00	18.32 0.54 0.00	19.40 0.61 0.00	17.84 0.59 0.00	19.92 0.82 0.00	17.25 0.58 0.00	17.42 0.48 0.00	17.68 0.50 0.00	17.78 0.44 0.00	17.95 0.37 0.00	19.74 0.30 0.00	18.66 0.37 0.00	18.95 0.41 0.00	20.02 0.51 0.00	24.51 0.66 0.00	24.34 0.61 0.00	25.76 0.59 0.00	21.69 0.31 0.00	21.23 0.40 0.00
PLEASANTVLY__LBMP 24000	23.43 1.01 0.00	21.47 0.89 0.00	19.56 0.81 0.00	18.71 0.76 0.00	19.59 0.76 0.00	19.34 0.75 0.00	18.60 0.82 0.00	19.65 0.86 0.00	18.27 1.03 0.00	20.08 0.98 0.00	17.71 1.05 0.00	18.03 1.08 0.00	18.35 1.17 0.00	18.49 1.16 0.00	18.81 1.24 0.00	20.72 1.29 0.00	19.55 1.27 0.00	19.78 1.24 0.00	20.78 1.28 0.00	25.39 1.54 0.00	25.16 1.43 0.00	26.63 1.46 0.00	22.51 1.13 0.00	21.89 1.06 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	23.57 1.14 0.00	21.57 0.99 0.00	19.64 0.89 0.00	18.79 0.84 0.00	19.66 0.83 0.00	19.40 0.81 0.00	18.68 0.90 0.00	19.74 0.96 0.00	18.39 1.14 0.00	20.21 1.11 0.00	17.84 1.18 0.00	18.16 1.22 0.00	18.50 1.32 0.00	18.64 1.31 0.00	18.97 1.39 0.00	20.91 1.48 0.00	19.73 1.45 0.00	19.96 1.43 0.00	20.99 1.49 0.00	25.64 1.79 0.00	25.39 1.66 0.00	26.85 1.68 0.00	22.70 1.32 0.00	22.05 1.23 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	23.57 1.14 0.00	21.57 0.99 0.00	19.64 0.89 0.00	18.79 0.84 0.00	19.66 0.83 0.00	19.40 0.81 0.00	18.68 0.90 0.00	19.74 0.96 0.00	18.39 1.14 0.00	20.21 1.11 0.00	17.84 1.18 0.00	18.16 1.22 0.00	18.50 1.32 0.00	18.64 1.31 0.00	18.97 1.39 0.00	20.91 1.48 0.00	19.73 1.45 0.00	19.96 1.43 0.00	20.99 1.49 0.00	25.64 1.79 0.00	25.39 1.66 0.00	26.85 1.68 0.00	22.70 1.32 0.00	22.05 1.23 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.61 1.19 0.00	21.62 1.04 0.00	19.68 0.94 0.00	18.83 0.88 0.00	19.71 0.88 0.00	19.46 0.87 0.00	18.72 0.94 0.00	19.79 1.00 0.00	18.39 1.15 0.00	20.21 1.11 0.00	17.82 1.15 0.00	18.12 1.18 0.00	18.47 1.29 0.00	18.61 1.27 0.00	18.94 1.36 0.00	20.87 1.44 0.00	19.71 1.43 0.00	19.97 1.44 0.00	21.01 1.50 0.00	25.66 1.81 0.00	25.43 1.70 0.00	26.89 1.73 0.00	22.73 1.35 0.00	22.07 1.24 0.00
POLETTI____ 23519	23.53 1.11 0.00	21.54 0.97 0.00	19.63 0.89 0.00	18.79 0.83 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.68 0.90 0.00	19.76 0.97 0.00	18.43 1.18 0.00	20.25 1.15 0.00	17.92 1.25 0.00	18.24 1.30 0.00	18.58 1.40 0.00	18.72 1.39 0.00	19.12 1.48 -0.06	20.98 1.55 0.00	20.00 1.53 -0.18	20.03 1.49 0.00	21.05 1.55 0.00	25.67 1.82 0.00	25.41 1.68 0.00	26.85 1.68 0.00	22.72 1.34 0.00	22.06 1.23 0.00
PORT_JEFF_3 23555	28.80 1.56 -4.82	21.84 1.26 0.00	19.89 1.15 0.00	19.05 1.09 0.00	19.92 1.10 0.00	19.69 1.09 0.00	45.92 1.34 -26.80	20.10 1.31 0.00	20.16 1.49 -1.43	21.12 1.42 -0.59	22.89 1.41 -4.81	28.00 1.41 -9.64	23.76 1.51 -5.06	18.71 1.38 0.00	19.05 1.48 0.00	21.03 1.60 0.00	19.81 1.52 0.00	20.02 1.49 0.00	21.54 1.66 -0.38	26.66 2.20 -0.61	25.76 2.02 0.00	27.46 2.06 -0.23	26.13 1.72 -3.03	22.32 1.49 0.00
PORT_JEFF_4 23616	28.80 1.56 -4.82	21.84 1.26 0.00	19.89 1.15 0.00	19.05 1.09 0.00	19.92 1.10 0.00	19.69 1.09 0.00	45.92 1.34 -26.80	20.10 1.31 0.00	20.16 1.49 -1.43	21.12 1.42 -0.59	22.89 1.41 -4.81	28.00 1.41 -9.64	23.76 1.51 -5.06	18.71 1.38 0.00	19.05 1.48 0.00	21.03 1.60 0.00	19.81 1.52 0.00	20.02 1.49 0.00	21.54 1.66 -0.38	26.66 2.20 -0.61	25.76 2.02 0.00	27.46 2.06 -0.23	26.13 1.72 -3.03	22.32 1.49 0.00
PORT_JEFF_IC 23713	28.81 1.57 -4.82	21.84 1.26 0.00	19.90 1.15 0.00	19.05 1.09 0.00	19.93 1.10 0.00	19.70 1.10 0.00	45.93 1.35 -26.80	20.11 1.32 0.00	20.16 1.49 -1.43	21.12 1.43 -0.59	22.90 1.42 -4.81	28.00 1.41 -9.64	23.77 1.52 -5.06	18.72 1.38 0.00	19.06 1.49 0.00	21.05 1.61 0.00	19.82 1.53 0.00	19.96 1.43 0.00	21.50 1.61 -0.38	26.68 2.23 -0.61	25.78 2.04 0.00	27.48 2.08 -0.23	26.14 1.73 -3.03	22.33 1.50 0.00
PPL PILGRIM_ST_GT1 24216	28.97 1.73 -4.82	22.00 1.43 0.00	20.02 1.28 0.00	19.16 1.21 0.00	20.04 1.21 0.00	19.80 1.21 0.00	45.98 1.40 -26.80	20.20 1.42 0.00	20.27 1.59 -1.43	21.25 1.56 -0.59	23.02 1.54 -4.81	28.14 1.55 -9.64	23.90 1.66 -5.06	18.85 1.52 0.00	19.20 1.63 0.00	21.21 1.78 0.00	19.97 1.68 0.00	20.24 1.70 0.00	21.75 1.87 -0.38	26.83 2.37 -0.61	25.94 2.21 0.00	27.66 2.26 -0.23	26.29 1.88 -3.03	22.49 1.66 0.00
PPL PILGRIM_ST_GT2 24217	28.97 1.73 -4.82	22.00 1.43 0.00	20.02 1.28 0.00	19.16 1.21 0.00	20.04 1.21 0.00	19.80 1.21 0.00	45.98 1.40 -26.80	20.20 1.42 0.00	20.27 1.59 -1.43	21.25 1.56 -0.59	23.02 1.54 -4.81	28.14 1.55 -9.64	23.90 1.66 -5.06	18.85 1.52 0.00	19.20 1.63 0.00	21.21 1.78 0.00	19.97 1.68 0.00	20.24 1.70 0.00	21.75 1.87 -0.38	26.83 2.37 -0.61	25.94 2.21 0.00	27.66 2.26 -0.23	26.29 1.88 -3.03	22.49 1.66 0.00
PPL_SHRM_GT3 24213	28.53 1.29 -4.82	21.59 1.02 0.00	19.71 0.96 0.00	18.89 0.94 0.00	19.78 0.95 0.00	19.56 0.97 0.00	45.93 1.35 -26.80	19.97 1.18 0.00	20.01 1.34 -1.43	20.90 1.21 -0.59	22.66 1.18 -4.81	27.76 1.17 -9.64	23.53 1.28 -5.06	18.49 1.15 0.00	18.83 1.25 0.00	20.79 1.35 0.00	19.60 1.30 0.00	19.88 1.35 0.00	21.41 1.53 -0.38	26.44 1.99 -0.61	25.55 1.81 0.00	27.23 1.83 -0.23	25.92 1.51 -3.03	22.10 1.27 0.00
PPL_SHRM_GT4 24214	28.53 1.29 -4.82	21.59 1.02 0.00	19.71 0.96 0.00	18.89 0.94 0.00	19.78 0.95 0.00	19.56 0.97 0.00	45.93 1.35 -26.80	19.97 1.18 0.00	20.01 1.34 -1.43	20.90 1.21 -0.59	22.66 1.18 -4.81	27.76 1.17 -9.64	23.53 1.28 -5.06	18.49 1.15 0.00	18.83 1.25 0.00	20.79 1.35 0.00	19.60 1.30 0.00	19.88 1.35 0.00	21.41 1.53 -0.38	26.44 1.99 -0.61	25.55 1.81 0.00	27.23 1.83 -0.23	25.92 1.51 -3.03	22.10 1.27 0.00
PROJECT____ORANGE 1 24174	22.34 -0.08 0.00	20.45 -0.13 0.00	18.61 -0.13 0.00	17.83 -0.13 0.00	18.70 -0.13 0.00	18.46 -0.13 0.00	17.62 -0.17 0.00	18.59 -0.20 0.00	17.06 -0.18 0.00	18.86 -0.24 0.00	16.43 -0.23 0.00	16.69 -0.26 0.00	16.92 -0.26 0.00	17.07 -0.26 0.00	17.33 -0.25 0.00	19.23 -0.20 0.00	18.13 -0.16 0.00	18.40 -0.13 0.00	19.37 -0.13 0.00	23.68 -0.17 0.00	23.58 -0.15 0.00	24.99 -0.18 0.00	21.29 -0.09 0.00	20.72 -0.11 0.00
PROJECT____ORANGE 2 24166	22.34 -0.08 0.00	20.45 -0.13 0.00	18.61 -0.13 0.00	17.83 -0.13 0.00	18.70 -0.13 0.00	18.46 -0.13 0.00	17.62 -0.17 0.00	18.59 -0.20 0.00	17.06 -0.18 0.00	18.86 -0.24 0.00	16.43 -0.23 0.00	16.69 -0.26 0.00	16.92 -0.26 0.00	17.07 -0.26 0.00	17.33 -0.25 0.00	19.23 -0.20 0.00	18.13 -0.16 0.00	18.40 -0.13 0.00	19.37 -0.13 0.00	23.68 -0.17 0.00	23.58 -0.15 0.00	24.99 -0.18 0.00	21.29 -0.09 0.00	20.72 -0.11 0.00
PUCKETT____SOLAR 323809	23.05 0.63 0.00	21.06 0.48 0.00	19.14 0.39 0.00	18.33 0.37 0.00	19.22 0.39 0.00	18.98 0.39 0.00	18.14 0.35 0.00	19.21 0.42 0.00	17.74 0.49 0.00	19.63 0.53 0.00	17.14 0.47 0.00	17.33 0.39 0.00	17.53 0.35 0.00	17.65 0.31 0.00	17.95 0.37 0.00	19.88 0.45 0.00	18.70 0.41 0.00	19.05 0.52 0.00	20.15 0.65 0.00	24.73 0.88 0.00	24.60 0.86 0.00	26.00 0.83 0.00	22.05 0.67 0.00	21.43 0.60 0.00
PYRITES____HYD 24023	22.70 0.27 0.00	20.86 0.28 0.00	18.99 0.25 0.00	18.22 0.27 0.00	19.11 0.28 0.00	18.86 0.27 0.00	18.06 0.28 0.00	19.19 0.40 0.00	17.53 0.29 0.00	19.59 0.48 0.00	16.96 0.30 0.00	17.22 0.28 0.00	17.37 0.18 0.00	17.53 0.20 0.00	17.71 0.14 0.00	19.60 0.16 0.00	18.45 0.16 0.00	18.79 0.26 0.00	19.81 0.30 0.00	24.34 0.48 0.00	24.35 0.61 0.00	25.83 0.65 0.00	21.83 0.45 0.00	21.23 0.40 0.00
QUAKERRD_115KV_BK1 80622	21.85 -0.57 0.00	19.94 -0.64 0.00	18.13 -0.62 0.00	17.37 -0.58 0.00	18.25 -0.58 0.00	18.01 -0.59 0.00	17.08 -0.71 0.00	18.03 -0.76 0.00	16.55 -0.70 0.00	18.38 -0.72 0.00	16.09 -0.57 0.00	16.30 -0.64 0.00	16.51 -0.67 0.00	16.66 -0.68 0.00	16.91 -0.67 0.00	18.70 -0.73 0.00	17.64 -0.65 0.00	17.98 -0.56 0.00	18.93 -0.57 0.00	23.11 -0.75 0.00	23.04 -0.69 0.00	24.40 -0.77 0.00	20.69 -0.69 0.00	20.14 -0.69 0.00

QUENSBRY_115KV_TB8 356137	24.21 1.78 0.00	22.20 1.62 0.00	20.26 1.51 0.00	19.41 1.45 0.00	20.40 1.57 0.00	20.15 1.55 0.00	19.30 1.51 0.00	20.35 1.56 0.00	18.79 1.55 0.00	20.66 1.56 0.00	18.01 1.35 0.00	18.28 1.34 0.00	18.59 1.41 0.00	18.66 1.32 0.00	18.86 1.28 0.00	20.70 1.26 0.00	19.73 1.44 0.00	20.19 1.66 0.00	21.18 1.68 0.00	25.94 2.09 0.00	25.81 2.08 0.00	27.36 2.19 0.00	23.05 1.68 0.00	22.50 1.67 0.00
RAMAPO____LBMP 323565	23.46 1.04 0.00	21.46 0.89 0.00	19.53 0.78 0.00	18.68 0.72 0.00	19.54 0.72 0.00	19.28 0.69 0.00	18.55 0.77 0.00	19.62 0.83 0.00	18.26 1.01 0.00	20.08 0.98 0.00	17.73 1.06 0.00	18.05 1.10 0.00	18.39 1.21 0.00	18.53 1.19 0.00	18.86 1.28 0.00	20.81 1.37 0.00	19.63 1.34 0.00	19.87 1.33 0.00	20.89 1.39 0.00	25.51 1.65 0.00	25.26 1.53 0.00	26.71 1.54 0.00	22.58 1.20 0.00	21.95 1.12 0.00
RANKINE____ 23646	22.42 -0.01 0.00	20.38 -0.20 0.00	18.52 -0.23 0.00	17.75 -0.20 0.00	18.68 -0.15 0.00	18.39 -0.20 0.00	17.27 -0.51 0.00	18.25 -0.54 0.00	16.84 -0.40 0.00	18.79 -0.31 0.00	16.56 -0.11 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.27 0.00	17.30 -0.28 0.00	19.07 -0.36 0.00	17.98 -0.31 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.29 0.00	23.55 -0.19 0.00	24.88 -0.29 0.00	21.07 -0.31 0.00	20.54 -0.30 0.00
RAVENSWOOD_GT2_1 24244	23.58 1.15 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT2_2 24245	23.58 1.15 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.72 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT2_3 24246	23.59 1.17 0.00	21.59 1.01 0.00	19.66 0.91 0.00	18.81 0.86 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.79 1.00 0.00	18.45 1.21 0.00	20.28 1.18 0.00	17.93 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.13 1.50 -0.06	21.02 1.58 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.09 1.59 0.00	25.74 1.89 0.00	25.47 1.74 0.00	26.92 1.75 0.00	22.76 1.39 0.00	22.11 1.28 0.00
RAVENSWOOD_GT2_4 24247	23.59 1.17 0.00	21.59 1.01 0.00	19.66 0.91 0.00	18.81 0.86 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.79 1.00 0.00	18.45 1.21 0.00	20.28 1.18 0.00	17.93 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.13 1.50 -0.06	21.02 1.58 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.09 1.59 0.00	25.74 1.89 0.00	25.47 1.74 0.00	26.92 1.75 0.00	22.76 1.39 0.00	22.11 1.28 0.00
RAVENSWOOD_GT3_1 24248	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT3_2 24249	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT3_3 24250	23.61 1.19 0.00	21.61 1.03 0.00	19.68 0.93 0.00	18.83 0.87 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.94 0.00	19.80 1.02 0.00	18.47 1.22 0.00	20.30 1.20 0.00	17.95 1.29 0.00	18.28 1.34 0.00	18.62 1.43 0.00	18.76 1.43 0.00	19.15 1.52 -0.06	21.04 1.60 0.00	20.03 1.57 -0.17	20.09 1.55 0.00	21.12 1.61 0.00	25.76 1.91 0.00	25.50 1.77 0.00	26.95 1.78 0.00	22.79 1.41 0.00	22.14 1.30 0.00
RAVENSWOOD_GT3_4 24251	23.61 1.19 0.00	21.61 1.03 0.00	19.68 0.93 0.00	18.83 0.87 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.73 0.94 0.00	19.80 1.01 0.00	18.47 1.22 0.00	20.30 1.20 0.00	17.95 1.29 0.00	18.28 1.34 0.00	18.62 1.43 0.00	18.76 1.42 0.00	19.15 1.52 -0.06	21.04 1.61 0.00	20.03 1.57 -0.17	20.08 1.55 0.00	21.12 1.61 0.00	25.77 1.91 0.00	25.50 1.77 0.00	26.95 1.78 0.00	22.79 1.41 0.00	22.14 1.30 0.00
RAVENSWOOD_GT_1 23729	23.61 1.19 0.00	21.62 1.04 0.00	19.68 0.93 0.00	18.83 0.87 0.00	19.68 0.85 0.00	19.44 0.85 0.00	18.74 0.95 0.00	19.81 1.02 0.00	18.50 1.25 0.00	20.31 1.21 0.00	17.97 1.30 0.00	18.30 1.35 0.00	18.63 1.45 0.00	18.78 1.44 0.00	19.17 1.53 -0.06	21.06 1.62 0.00	20.04 1.58 -0.17	20.10 1.56 0.00	21.13 1.63 0.00	25.79 1.93 0.00	25.51 1.77 0.00	26.96 1.78 0.00	22.80 1.42 0.00	22.14 1.31 0.00
RAVENSWOOD_GT_10 24258	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.57 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
RAVENSWOOD_GT_11 24259	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT_4 24252	23.59 1.17 0.00	21.59 1.01 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.01 1.55 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00



RAVENSWOOD_GT_5 24254	23.59 1.17 0.00	21.59 1.01 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.01 1.55 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT_6 24253	23.59 1.17 0.00	21.59 1.01 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.01 1.55 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT_7 24255	23.59 1.17 0.00	21.59 1.01 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.01 1.55 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.26 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.57 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
RAVENSWOOD_GT_9 24257	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.73 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.05 1.52 0.00	21.08 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD___1 23533	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.46 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.74 1.41 0.00	19.14 1.50 -0.06	21.02 1.59 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
RAVENSWOOD___2 23534	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.46 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.74 1.41 0.00	19.14 1.50 -0.06	21.02 1.59 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
RAVENSWOOD___3 23535	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.91 0.00	18.81 0.85 0.00	19.66 0.83 0.00	19.41 0.82 0.00	18.70 0.92 0.00	19.78 0.99 0.00	18.45 1.20 0.00	20.27 1.17 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.59 1.41 0.00	18.74 1.40 0.00	19.13 1.49 -0.06	21.01 1.58 0.00	20.00 1.54 -0.17	20.06 1.52 0.00	21.09 1.58 0.00	25.72 1.87 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.27 0.00
RAVENSWOOD___4 23820	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.46 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.74 1.41 0.00	19.14 1.50 -0.06	21.02 1.59 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
RCPL_TRUST___DRP 24196	23.60 1.17 0.00	21.57 0.99 0.00	19.64 0.90 0.00	18.79 0.84 0.00	19.64 0.81 0.00	19.39 0.80 0.00	18.70 0.91 0.00	19.78 0.99 0.00	18.44 1.20 0.00	20.28 1.18 0.00	17.93 1.27 0.00	18.25 1.31 0.00	18.60 1.42 0.00	18.74 1.40 0.00	19.14 1.50 -0.06	21.02 1.58 0.00	20.03 1.55 -0.18	20.07 1.53 0.00	21.09 1.58 0.00	25.77 1.92 0.00	25.46 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.11 1.28 0.00
RED___ROCHESTER 323720	22.53 0.11 0.00	20.52 -0.06 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.26 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.09 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.13 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.06 0.00	20.73 -0.11 0.00
REGAN___SOLAR 323812	24.67 2.24 0.00	22.59 2.01 0.00	20.54 1.79 0.00	19.67 1.71 0.00	20.63 1.81 0.00	20.39 1.79 0.00	19.44 1.65 0.00	20.60 1.81 0.00	18.89 1.64 0.00	20.99 1.89 0.00	18.01 1.35 0.00	18.25 1.30 0.00	18.69 1.51 0.00	18.75 1.42 0.00	19.05 1.47 0.00	20.83 1.39 0.00	19.72 1.43 0.00	20.09 1.55 0.00	21.42 1.91 0.00	26.45 2.60 0.00	26.45 2.71 0.00	28.07 2.90 0.00	23.76 2.38 0.00	23.03 2.20 0.00
RENSSELAER___COGEN 23796	22.98 0.56 0.00	21.09 0.51 0.00	19.29 0.54 0.00	18.47 0.51 0.00	19.36 0.54 0.00	19.11 0.52 0.00	18.28 0.50 0.00	19.25 0.46 0.00	17.70 0.45 0.00	19.45 0.35 0.00	17.09 0.42 0.00	17.36 0.42 0.00	17.67 0.49 0.00	17.83 0.49 0.00	18.09 0.51 0.00	19.88 0.45 0.00	18.76 0.47 0.00	18.95 0.42 0.00	19.91 0.41 0.00	24.39 0.53 0.00	24.21 0.48 0.00	25.71 0.54 0.00	21.72 0.34 0.00	21.16 0.33 0.00
REPUBLIC_115KV_BARTNBRK 55605	25.40 2.97 0.00	23.32 2.74 0.00	21.26 2.51 0.00	20.37 2.42 0.00	21.49 2.66 0.00	21.21 2.62 0.00	20.35 2.57 0.00	21.43 2.64 0.00	19.80 2.55 0.00	21.82 2.72 0.00	19.09 2.43 0.00	19.33 2.38 0.00	19.62 2.44 0.00	19.76 2.42 0.00	19.84 2.27 0.00	21.56 2.12 0.00	20.65 2.36 0.00	21.26 2.72 0.00	22.27 2.77 0.00	27.27 3.42 0.00	27.15 3.41 0.00	28.68 3.50 0.00	24.09 2.71 0.00	23.67 2.84 0.00
REVERE_CPPR_DRP 24186	23.08 0.66 0.00	21.14 0.56 0.00	19.23 0.49 0.00	18.45 0.50 0.00	19.35 0.53 0.00	19.11 0.52 0.00	18.26 0.48 0.00	19.30 0.51 0.00	17.74 0.49 0.00	19.58 0.48 0.00	17.05 0.38 0.00	17.28 0.34 0.00	17.48 0.29 0.00	17.61 0.27 0.00	17.83 0.25 0.00	19.75 0.31 0.00	18.63 0.33 0.00	18.95 0.42 0.00	20.06 0.56 0.00	24.67 0.82 0.00	24.62 0.89 0.00	26.11 0.94 0.00	22.15 0.78 0.00	21.52 0.68 0.00

REYNOLDS_115KV_TB3 80639	23.09 0.67 0.00	21.20 0.63 0.00	19.41 0.66 0.00	18.58 0.63 0.00	19.49 0.66 0.00	19.23 0.64 0.00	18.39 0.60 0.00	19.36 0.57 0.00	17.85 0.60 0.00	19.61 0.51 0.00	17.24 0.57 0.00	17.51 0.57 0.00	17.82 0.64 0.00	17.98 0.65 0.00	18.23 0.65 0.00	20.03 0.59 0.00	18.90 0.61 0.00	19.07 0.53 0.00	20.03 0.52 0.00	24.53 0.67 0.00	24.34 0.61 0.00	25.87 0.71 0.00	21.85 0.47 0.00	21.30 0.47 0.00
RIVERBAY____ 323610	23.53 1.10 0.00	21.55 0.97 0.00	19.61 0.87 0.00	18.78 0.82 0.00	19.63 0.80 0.00	19.38 0.79 0.00	18.67 0.88 0.00	19.74 0.95 0.00	18.43 1.18 0.00	20.21 1.11 0.00	17.88 1.22 0.00	18.21 1.27 0.00	18.53 1.35 0.00	18.68 1.34 0.00	19.06 1.42 -0.06	20.94 1.51 0.00	19.91 1.45 -0.17	19.98 1.45 0.00	21.02 1.52 0.00	25.63 1.77 0.00	25.38 1.65 0.00	26.83 1.66 0.00	22.70 1.31 0.00	22.04 1.21 0.00
RIVERSDE_115KV_TB3 55908	23.05 0.62 0.00	21.16 0.58 0.00	19.35 0.61 0.00	18.54 0.58 0.00	19.44 0.61 0.00	19.18 0.59 0.00	18.34 0.56 0.00	19.31 0.53 0.00	17.78 0.53 0.00	19.54 0.44 0.00	17.17 0.50 0.00	17.45 0.50 0.00	17.75 0.57 0.00	17.92 0.58 0.00	18.17 0.59 0.00	19.97 0.53 0.00	18.84 0.56 0.00	19.03 0.49 0.00	19.99 0.49 0.00	24.47 0.61 0.00	24.30 0.56 0.00	25.81 0.64 0.00	21.80 0.42 0.00	21.24 0.41 0.00
ROARING____BROOK_WT_PWR 323790	22.09 -0.33 0.00	20.32 -0.26 0.00	18.50 -0.24 0.00	17.77 -0.19 0.00	18.64 -0.19 0.00	18.40 -0.19 0.00	17.59 -0.20 0.00	18.62 -0.17 0.00	17.07 -0.18 0.00	19.00 -0.10 0.00	16.53 -0.13 0.00	16.80 -0.14 0.00	17.00 -0.18 0.00	17.14 -0.20 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.00 -0.29 0.00	18.33 -0.20 0.00	19.31 -0.19 0.00	23.63 -0.22 0.00	23.55 -0.18 0.00	24.98 -0.19 0.00	21.20 -0.18 0.00	20.65 -0.18 0.00
ROCHESRG_115KV_T4 355643	22.32 -0.10 0.00	20.35 -0.23 0.00	18.50 -0.25 0.00	17.72 -0.23 0.00	18.63 -0.19 0.00	18.38 -0.21 0.00	17.38 -0.40 0.00	18.35 -0.44 0.00	16.86 -0.39 0.00	18.74 -0.36 0.00	16.44 -0.23 0.00	16.64 -0.30 0.00	16.85 -0.33 0.00	16.99 -0.34 0.00	17.25 -0.32 0.00	19.05 -0.38 0.00	17.97 -0.32 0.00	18.33 -0.20 0.00	19.29 -0.21 0.00	23.54 -0.32 0.00	23.50 -0.24 0.00	24.88 -0.29 0.00	21.08 -0.30 0.00	20.52 -0.31 0.00
ROCHESTER_9_IC 23652	22.44 0.01 0.00	20.44 -0.13 0.00	18.58 -0.16 0.00	17.81 -0.15 0.00	18.71 -0.12 0.00	18.46 -0.13 0.00	17.46 -0.32 0.00	18.43 -0.35 0.00	16.93 -0.31 0.00	18.82 -0.28 0.00	16.52 -0.15 0.00	16.73 -0.22 0.00	16.94 -0.24 0.00	17.08 -0.25 0.00	17.34 -0.23 0.00	19.16 -0.28 0.00	18.06 -0.23 0.00	18.44 -0.09 0.00	19.41 -0.10 0.00	23.68 -0.17 0.00	23.65 -0.09 0.00	25.03 -0.14 0.00	21.21 -0.17 0.00	20.63 -0.20 0.00
ROCKVIEW_13_KV_LD 356306	23.62 1.20 0.00	21.61 1.03 0.00	19.67 0.92 0.00	18.82 0.86 0.00	19.68 0.85 0.00	19.43 0.84 0.00	18.71 0.93 0.00	19.79 1.01 0.00	18.44 1.20 0.00	20.28 1.18 0.00	17.91 1.25 0.00	18.24 1.30 0.00	18.58 1.40 0.00	18.72 1.39 0.00	19.06 1.48 0.00	21.01 1.58 0.00	19.83 1.54 0.00	20.06 1.53 0.00	21.09 1.58 0.00	25.75 1.90 0.00	25.49 1.76 0.00	26.96 1.79 0.00	22.78 1.40 0.00	22.13 1.29 0.00
ROME____115KV_TB2 80656	23.08 0.66 0.00	21.14 0.56 0.00	19.23 0.49 0.00	18.45 0.50 0.00	19.35 0.53 0.00	19.11 0.52 0.00	18.26 0.48 0.00	19.30 0.51 0.00	17.74 0.49 0.00	19.58 0.48 0.00	17.05 0.38 0.00	17.28 0.34 0.00	17.48 0.29 0.00	17.61 0.27 0.00	17.83 0.25 0.00	19.75 0.31 0.00	18.63 0.33 0.00	18.95 0.42 0.00	20.06 0.56 0.00	24.67 0.82 0.00	24.62 0.89 0.00	26.11 0.94 0.00	22.15 0.78 0.00	21.52 0.68 0.00
ROSETON____1 23587	23.42 1.00 0.00	21.45 0.87 0.00	19.53 0.78 0.00	18.69 0.74 0.00	19.56 0.73 0.00	19.31 0.72 0.00	18.57 0.78 0.00	19.62 0.84 0.00	18.24 0.99 0.00	20.05 0.95 0.00	17.69 1.02 0.00	17.99 1.05 0.00	18.32 1.14 0.00	18.47 1.13 0.00	18.78 1.20 0.00	20.70 1.27 0.00	19.53 1.24 0.00	19.76 1.23 0.00	20.78 1.27 0.00	25.38 1.53 0.00	25.15 1.41 0.00	26.61 1.44 0.00	22.49 1.12 0.00	21.88 1.05 0.00
ROSETON____2 23588	23.42 1.00 0.00	21.45 0.87 0.00	19.53 0.78 0.00	18.69 0.74 0.00	19.56 0.73 0.00	19.31 0.72 0.00	18.57 0.78 0.00	19.62 0.84 0.00	18.24 0.99 0.00	20.05 0.95 0.00	17.69 1.02 0.00	17.99 1.05 0.00	18.32 1.14 0.00	18.47 1.13 0.00	18.78 1.20 0.00	20.70 1.27 0.00	19.53 1.24 0.00	19.76 1.23 0.00	20.78 1.27 0.00	25.38 1.53 0.00	25.15 1.41 0.00	26.61 1.44 0.00	22.49 1.12 0.00	21.88 1.05 0.00
ROTTSDAM_115KV_TB3 80664	23.32 0.90 0.00	21.39 0.81 0.00	19.52 0.77 0.00	18.69 0.74 0.00	19.60 0.78 0.00	19.35 0.76 0.00	18.52 0.74 0.00	19.55 0.76 0.00	18.04 0.80 0.00	19.86 0.76 0.00	17.40 0.74 0.00	17.68 0.73 0.00	17.98 0.80 0.00	18.14 0.80 0.00	18.39 0.81 0.00	20.25 0.81 0.00	19.11 0.83 0.00	19.37 0.84 0.00	20.38 0.88 0.00	24.94 1.09 0.00	24.78 1.05 0.00	26.30 1.13 0.00	22.24 0.86 0.00	21.65 0.82 0.00
RUSSELL____1 23602	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00
RUSSELL____2 23532	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00
RUSSELL____3 23549	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00
RUSSELL____4 23556	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00

RUSSELL___STATION 23914	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00
S SALMON___HYD 24043	22.43 0.01 0.00	20.53 -0.05 0.00	18.67 -0.07 0.00	17.93 -0.03 0.00	18.82 -0.01 0.00	18.57 -0.02 0.00	17.73 -0.06 0.00	18.70 -0.09 0.00	17.15 -0.09 0.00	18.91 -0.19 0.00	16.43 -0.23 0.00	16.65 -0.29 0.00	16.84 -0.34 0.00	16.96 -0.38 0.00	17.15 -0.43 0.00	19.00 -0.44 0.00	17.93 -0.36 0.00	18.27 -0.27 0.00	19.31 -0.20 0.00	23.71 -0.14 0.00	23.73 -0.01 0.00	25.25 0.08 0.00	21.48 0.11 0.00	20.89 0.06 0.00
S.PERRY___115KV_TB1 80734	23.01 0.58 0.00	20.87 0.29 0.00	18.96 0.21 0.00	18.18 0.22 0.00	19.10 0.27 0.00	18.84 0.25 0.00	17.81 0.02 0.00	18.78 -0.01 0.00	17.08 -0.16 0.00	18.95 -0.15 0.00	16.62 -0.04 0.00	16.85 -0.09 0.00	17.06 -0.13 0.00	17.22 -0.12 0.00	17.47 -0.11 0.00	19.33 -0.10 0.00	18.22 -0.07 0.00	18.68 0.14 0.00	19.70 0.20 0.00	24.31 0.46 0.00	24.45 0.71 0.00	25.93 0.76 0.00	21.95 0.57 0.00	21.31 0.48 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	22.25 -0.17 0.00	20.23 -0.34 0.00	18.38 -0.36 0.00	17.62 -0.33 0.00	18.55 -0.28 0.00	18.27 -0.32 0.00	17.14 -0.64 0.00	18.10 -0.69 0.00	16.68 -0.57 0.00	18.62 -0.48 0.00	16.41 -0.26 0.00	16.59 -0.36 0.00	16.78 -0.40 0.00	16.90 -0.44 0.00	17.13 -0.45 0.00	18.87 -0.56 0.00	17.79 -0.49 0.00	18.23 -0.30 0.00	19.14 -0.36 0.00	23.29 -0.56 0.00	23.29 -0.45 0.00	24.62 -0.55 0.00	20.84 -0.54 0.00	20.33 -0.50 0.00
SAWYER___23_KV_LOAD 55526	22.25 -0.17 0.00	20.23 -0.34 0.00	18.38 -0.36 0.00	17.62 -0.33 0.00	18.55 -0.28 0.00	18.27 -0.32 0.00	17.14 -0.64 0.00	18.10 -0.69 0.00	16.68 -0.57 0.00	18.62 -0.48 0.00	16.41 -0.26 0.00	16.59 -0.36 0.00	16.78 -0.40 0.00	16.90 -0.44 0.00	17.13 -0.45 0.00	18.87 -0.56 0.00	17.79 -0.49 0.00	18.23 -0.30 0.00	19.14 -0.36 0.00	23.29 -0.56 0.00	23.29 -0.45 0.00	24.62 -0.55 0.00	20.84 -0.54 0.00	20.33 -0.50 0.00
SELKIRK___I 23801	23.17 0.74 0.00	21.27 0.69 0.00	19.43 0.69 0.00	18.62 0.66 0.00	19.53 0.70 0.00	19.27 0.68 0.00	18.43 0.65 0.00	19.41 0.62 0.00	17.86 0.61 0.00	19.64 0.53 0.00	17.21 0.55 0.00	17.49 0.55 0.00	17.78 0.60 0.00	17.95 0.61 0.00	18.22 0.64 0.00	20.04 0.60 0.00	18.91 0.62 0.00	19.13 0.59 0.00	20.10 0.59 0.00	24.61 0.75 0.00	24.45 0.72 0.00	25.96 0.79 0.00	21.95 0.57 0.00	21.38 0.55 0.00
SELKIRK___II 23799	23.04 0.61 0.00	21.14 0.56 0.00	19.31 0.56 0.00	18.49 0.54 0.00	19.39 0.57 0.00	19.14 0.54 0.00	18.31 0.53 0.00	19.29 0.51 0.00	17.77 0.53 0.00	19.55 0.44 0.00	17.16 0.50 0.00	17.44 0.50 0.00	17.74 0.56 0.00	17.90 0.56 0.00	18.17 0.59 0.00	19.99 0.55 0.00	18.86 0.57 0.00	19.06 0.52 0.00	20.03 0.53 0.00	24.51 0.66 0.00	24.34 0.61 0.00	25.84 0.67 0.00	21.85 0.47 0.00	21.28 0.45 0.00
SENECA OSWGO___HYD 24041	22.25 -0.17 0.00	20.37 -0.21 0.00	18.54 -0.21 0.00	17.76 -0.20 0.00	18.64 -0.19 0.00	18.39 -0.20 0.00	17.56 -0.23 0.00	18.52 -0.27 0.00	16.98 -0.27 0.00	18.76 -0.34 0.00	16.32 -0.35 0.00	16.57 -0.37 0.00	16.79 -0.39 0.00	16.94 -0.39 0.00	17.19 -0.39 0.00	19.09 -0.34 0.00	18.00 -0.29 0.00	18.22 -0.31 0.00	19.18 -0.32 0.00	23.46 -0.39 0.00	23.38 -0.35 0.00	24.80 -0.37 0.00	21.15 -0.23 0.00	20.61 -0.23 0.00
SENECA___115KV_TB3 355854	22.44 0.02 0.00	20.41 -0.17 0.00	18.54 -0.21 0.00	17.77 -0.18 0.00	18.70 -0.12 0.00	18.41 -0.18 0.00	17.29 -0.49 0.00	18.28 -0.51 0.00	16.87 -0.38 0.00	18.81 -0.29 0.00	16.58 -0.08 0.00	16.77 -0.17 0.00	16.97 -0.21 0.00	17.09 -0.25 0.00	17.32 -0.25 0.00	19.10 -0.33 0.00	18.01 -0.28 0.00	18.45 -0.09 0.00	19.38 -0.12 0.00	23.60 -0.25 0.00	23.58 -0.15 0.00	24.92 -0.25 0.00	21.09 -0.28 0.00	20.57 -0.26 0.00
SENECA___ENERGY 23797	22.39 -0.03 0.00	20.43 -0.15 0.00	18.57 -0.17 0.00	17.79 -0.17 0.00	18.67 -0.16 0.00	18.43 -0.16 0.00	17.56 -0.22 0.00	18.57 -0.22 0.00	17.08 -0.17 0.00	18.89 -0.21 0.00	16.48 -0.19 0.00	16.72 -0.23 0.00	16.95 -0.23 0.00	17.08 -0.26 0.00	17.34 -0.24 0.00	19.24 -0.19 0.00	18.20 -0.09 0.00	18.50 -0.04 0.00	19.50 -0.01 0.00	23.88 0.03 0.00	23.79 0.05 0.00	25.17 0.00 0.00	21.38 0.00 0.00	20.77 -0.06 0.00
SHOEMAKER___GT 23640	23.39 0.97 0.00	21.41 0.83 0.00	19.49 0.74 0.00	18.65 0.69 0.00	19.52 0.69 0.00	19.27 0.68 0.00	18.51 0.73 0.00	19.55 0.77 0.00	18.14 0.89 0.00	19.95 0.85 0.00	17.56 0.90 0.00	17.87 0.93 0.00	18.17 0.99 0.00	18.33 0.99 0.00	18.63 1.05 0.00	20.56 1.13 0.00	19.39 1.10 0.00	19.64 1.11 0.00	20.68 1.18 0.00	25.30 1.45 0.00	25.10 1.36 0.00	26.56 1.39 0.00	22.46 1.08 0.00	21.84 1.01 0.00
SHOEMAKR_138KV_BK 111 55601	23.38 0.96 0.00	21.39 0.81 0.00	19.48 0.73 0.00	18.64 0.68 0.00	19.51 0.68 0.00	19.26 0.66 0.00	18.50 0.71 0.00	19.55 0.76 0.00	18.14 0.89 0.00	19.95 0.85 0.00	17.57 0.90 0.00	17.88 0.94 0.00	18.19 1.01 0.00	18.34 1.00 0.00	18.64 1.07 0.00	20.58 1.15 0.00	19.41 1.12 0.00	19.65 1.12 0.00	20.68 1.18 0.00	25.30 1.45 0.00	25.09 1.35 0.00	26.55 1.38 0.00	22.45 1.07 0.00	21.83 1.00 0.00
SHOREHAM_IC_1 23715	28.53 1.29 -4.82	21.59 1.02 0.00	19.71 0.96 0.00	18.89 0.94 0.00	19.78 0.95 0.00	19.56 0.97 0.00	45.93 1.35 -26.80	19.97 1.18 0.00	20.01 1.34 -1.43	20.90 1.21 -0.59	22.66 1.18 -4.81	27.76 1.17 -9.64	23.53 1.28 -5.06	18.49 1.15 0.00	18.83 1.25 0.00	20.79 1.35 0.00	19.60 1.30 0.00	19.88 1.35 0.00	21.41 1.53 -0.38	26.44 1.99 -0.61	25.55 1.81 0.00	27.23 1.83 -0.23	25.92 1.51 -3.03	22.10 1.27 0.00
SHOREHAM_IC_2 23716	28.53 1.29 -4.82	21.59 1.02 0.00	19.71 0.96 0.00	18.89 0.94 0.00	19.78 0.95 0.00	19.56 0.97 0.00	45.93 1.35 -26.80	19.97 1.18 0.00	20.01 1.34 -1.43	20.90 1.21 -0.59	22.66 1.18 -4.81	27.76 1.17 -9.64	23.53 1.28 -5.06	18.49 1.15 0.00	18.83 1.25 0.00	20.79 1.35 0.00	19.60 1.30 0.00	19.88 1.35 0.00	21.41 1.53 -0.38	26.44 1.99 -0.61	25.55 1.81 0.00	27.23 1.83 -0.23	25.92 1.51 -3.03	22.10 1.27 0.00
SISSONVILLE___ 23735	22.44 0.02 0.00	20.64 0.06 0.00	18.79 0.04 0.00	18.04 0.08 0.00	18.92 0.10 0.00	18.66 0.07 0.00	17.88 0.10 0.00	18.98 0.19 0.00	17.36 0.11 0.00	19.37 0.27 0.00	16.79 0.13 0.00	17.05 0.10 0.00	17.22 0.03 0.00	17.36 0.03 0.00	17.54 -0.03 0.00	19.39 -0.05 0.00	18.25 -0.04 0.00	18.59 0.06 0.00	19.60 0.09 0.00	24.04 0.18 0.00	24.02 0.28 0.00	25.48 0.31 0.00	21.56 0.18 0.00	20.99 0.16 0.00

SITHE_IND_GS1 24169	21.95 -0.47 0.00	20.11 -0.47 0.00	18.31 -0.44 0.00	17.52 -0.43 0.00	18.39 -0.44 0.00	18.16 -0.44 0.00	17.33 -0.45 0.00	18.28 -0.51 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.07 -0.60 0.00	16.32 -0.62 0.00	16.55 -0.63 0.00	16.70 -0.64 0.00	16.95 -0.63 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.59 0.00	23.11 -0.75 0.00	23.01 -0.73 0.00	24.41 -0.76 0.00	20.86 -0.52 0.00	20.32 -0.51 0.00
SITHE_IND_GS2 24170	21.95 -0.47 0.00	20.11 -0.47 0.00	18.31 -0.44 0.00	17.52 -0.43 0.00	18.39 -0.44 0.00	18.16 -0.44 0.00	17.33 -0.45 0.00	18.28 -0.51 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.07 -0.60 0.00	16.32 -0.62 0.00	16.55 -0.63 0.00	16.70 -0.64 0.00	16.95 -0.63 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.59 0.00	23.11 -0.75 0.00	23.01 -0.73 0.00	24.41 -0.76 0.00	20.86 -0.52 0.00	20.32 -0.51 0.00
SITHE_IND_GS3 24171	21.95 -0.47 0.00	20.11 -0.47 0.00	18.31 -0.44 0.00	17.52 -0.43 0.00	18.39 -0.44 0.00	18.16 -0.44 0.00	17.33 -0.45 0.00	18.28 -0.51 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.07 -0.60 0.00	16.32 -0.62 0.00	16.55 -0.63 0.00	16.70 -0.64 0.00	16.95 -0.63 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.59 0.00	23.11 -0.75 0.00	23.01 -0.73 0.00	24.41 -0.76 0.00	20.86 -0.52 0.00	20.32 -0.51 0.00
SITHE_IND_GS4 24172	21.95 -0.47 0.00	20.11 -0.47 0.00	18.31 -0.44 0.00	17.52 -0.43 0.00	18.39 -0.44 0.00	18.16 -0.44 0.00	17.33 -0.45 0.00	18.28 -0.51 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.07 -0.60 0.00	16.32 -0.62 0.00	16.55 -0.63 0.00	16.70 -0.64 0.00	16.95 -0.63 0.00	18.83 -0.60 0.00	17.75 -0.54 0.00	17.97 -0.56 0.00	18.92 -0.59 0.00	23.11 -0.75 0.00	23.01 -0.73 0.00	24.41 -0.76 0.00	20.86 -0.52 0.00	20.32 -0.51 0.00
SITHE___BATAVIA 24024	22.71 0.28 0.00	20.64 0.06 0.00	18.76 0.01 0.00	17.98 0.02 0.00	18.93 0.11 0.00	18.66 0.07 0.00	17.53 -0.26 0.00	18.49 -0.30 0.00	16.99 -0.25 0.00	18.86 -0.24 0.00	16.61 -0.05 0.00	16.80 -0.14 0.00	16.98 -0.20 0.00	17.08 -0.25 0.00	17.32 -0.25 0.00	19.13 -0.30 0.00	18.07 -0.22 0.00	18.52 -0.01 0.00	19.53 0.03 0.00	23.85 -0.01 0.00	23.88 0.14 0.00	25.27 0.10 0.00	21.37 -0.01 0.00	20.78 -0.05 0.00
SITHE___INDEPEND 23800	21.94 -0.48 0.00	20.11 -0.47 0.00	18.30 -0.44 0.00	17.52 -0.43 0.00	18.39 -0.44 0.00	18.16 -0.44 0.00	17.33 -0.45 0.00	18.28 -0.51 0.00	16.73 -0.52 0.00	18.49 -0.61 0.00	16.07 -0.59 0.00	16.32 -0.62 0.00	16.55 -0.63 0.00	16.70 -0.64 0.00	16.95 -0.63 0.00	18.83 -0.60 0.00	17.74 -0.55 0.00	17.97 -0.56 0.00	18.92 -0.59 0.00	23.11 -0.75 0.00	23.01 -0.73 0.00	24.41 -0.76 0.00	20.86 -0.52 0.00	20.32 -0.51 0.00
SITHE___MASSENA 23902	22.30 -0.13 0.00	20.52 -0.06 0.00	18.68 -0.07 0.00	17.91 -0.05 0.00	18.78 -0.05 0.00	18.53 -0.07 0.00	17.74 -0.05 0.00	18.82 0.04 0.00	17.20 -0.04 0.00	19.20 0.10 0.00	16.66 0.00 0.00	16.94 0.00 0.00	17.13 -0.05 0.00	17.29 -0.04 0.00	17.49 -0.09 0.00	19.32 -0.11 0.00	18.18 -0.11 0.00	18.47 -0.06 0.00	19.43 -0.07 0.00	23.79 -0.06 0.00	23.74 0.00 0.00	25.19 0.02 0.00	21.34 -0.04 0.00	20.80 -0.03 0.00
SITHE___OGDNSBRG 24021	22.61 0.18 0.00	20.79 0.21 0.00	18.93 0.18 0.00	18.15 0.20 0.00	19.04 0.21 0.00	18.77 0.18 0.00	17.98 0.20 0.00	19.10 0.32 0.00	17.45 0.20 0.00	19.49 0.39 0.00	16.88 0.21 0.00	17.15 0.20 0.00	17.30 0.12 0.00	17.47 0.13 0.00	17.66 0.08 0.00	19.53 0.10 0.00	18.38 0.09 0.00	18.73 0.19 0.00	19.70 0.20 0.00	24.20 0.35 0.00	24.21 0.47 0.00	25.68 0.51 0.00	21.72 0.34 0.00	21.14 0.31 0.00
SITHE___STERLING 23777	22.94 0.52 0.00	21.00 0.43 0.00	19.11 0.36 0.00	18.32 0.36 0.00	19.21 0.38 0.00	18.98 0.38 0.00	18.14 0.35 0.00	19.15 0.36 0.00	17.61 0.36 0.00	19.45 0.35 0.00	16.94 0.27 0.00	17.18 0.23 0.00	17.40 0.22 0.00	17.55 0.21 0.00	17.78 0.20 0.00	19.70 0.26 0.00	18.57 0.28 0.00	18.86 0.33 0.00	19.92 0.42 0.00	24.46 0.61 0.00	24.41 0.67 0.00	25.88 0.70 0.00	21.96 0.58 0.00	21.34 0.51 0.00
SLEIGHT__34_KV_TB1 80719	22.69 0.27 0.00	20.75 0.17 0.00	18.86 0.11 0.00	18.05 0.09 0.00	18.95 0.12 0.00	18.71 0.12 0.00	17.84 0.06 0.00	18.86 0.07 0.00	17.34 0.09 0.00	19.21 0.11 0.00	16.76 0.09 0.00	16.99 0.05 0.00	17.22 0.04 0.00	17.37 0.03 0.00	17.65 0.07 0.00	19.58 0.15 0.00	18.50 0.21 0.00	18.82 0.28 0.00	19.84 0.34 0.00	24.26 0.40 0.00	24.16 0.43 0.00	25.57 0.40 0.00	21.70 0.32 0.00	21.06 0.22 0.00
SOUTH CAIRO___GT 23612	23.75 1.33 0.00	21.77 1.19 0.00	19.90 1.15 0.00	19.06 1.11 0.00	20.01 1.18 0.00	19.76 1.16 0.00	18.86 1.08 0.00	19.83 1.04 0.00	18.14 0.90 0.00	19.90 0.80 0.00	17.37 0.71 0.00	17.65 0.71 0.00	17.93 0.75 0.00	18.15 0.82 0.00	18.40 0.83 0.00	20.22 0.79 0.00	19.13 0.84 0.00	19.42 0.89 0.00	20.45 0.94 0.00	25.11 1.26 0.00	25.07 1.33 0.00	26.65 1.48 0.00	22.45 1.07 0.00	21.83 1.00 0.00
SOUTH HAMPTN___IC 23720	29.07 1.82 -4.82	22.06 1.49 0.00	20.12 1.37 0.00	19.28 1.33 0.00	20.19 1.36 0.00	19.95 1.36 0.00	46.29 1.71 -26.80	20.39 1.60 0.00	20.42 1.75 -1.43	21.39 1.70 -0.59	23.11 1.64 -4.81	28.23 1.64 -9.64	24.01 1.76 -5.06	18.97 1.63 0.00	19.34 1.76 0.00	21.37 1.94 0.00	20.16 1.87 0.00	20.47 1.94 0.00	22.03 2.15 -0.38	27.19 2.73 -0.61	26.26 2.52 0.00	27.95 2.55 -0.23	26.49 2.08 -3.03	22.63 1.79 0.00
SOUTHDOW__115KV_TB1 355954	22.91 0.48 0.00	20.85 0.28 0.00	18.99 0.25 0.00	18.21 0.25 0.00	19.16 0.33 0.00	18.82 0.23 0.00	17.70 -0.08 0.00	18.85 0.06 0.00	17.52 0.28 0.00	19.60 0.50 0.00	17.35 0.68 0.00	17.52 0.58 0.00	17.57 0.39 0.00	17.64 0.31 0.00	17.87 0.30 0.00	19.77 0.33 0.00	18.76 0.47 0.00	19.20 0.67 0.00	20.20 0.70 0.00	24.68 0.83 0.00	24.54 0.81 0.00	25.80 0.63 0.00	21.80 0.42 0.00	21.25 0.41 0.00
SOUTHOLD_69_KV_BK 2 55809	29.39 2.15 -4.82	22.34 1.77 0.00	20.37 1.62 0.00	19.51 1.56 0.00	20.44 1.61 0.00	20.20 1.60 0.00	46.53 1.95 -26.80	20.66 1.87 0.00	20.66 1.99 -1.43	21.68 1.98 -0.59	23.36 1.88 -4.81	28.48 1.89 -9.64	24.26 2.02 -5.06	19.24 1.90 0.00	19.60 2.03 0.00	21.69 2.25 0.00	20.47 2.19 0.00	20.81 2.28 0.00	22.40 2.52 -0.38	27.63 3.17 -0.61	26.69 2.95 0.00	28.38 2.99 -0.23	26.84 2.43 -3.03	22.93 2.11 0.00
SOUTHOLD___IC 23719	29.39 2.14 -4.82	22.34 1.77 0.00	20.37 1.62 0.00	19.52 1.57 0.00	20.44 1.61 0.00	20.20 1.60 0.00	46.52 1.95 -26.80	20.66 1.87 0.00	20.66 1.99 -1.43	21.67 1.98 -0.59	23.36 1.88 -4.81	28.48 1.89 -9.64	24.26 2.02 -5.06	19.23 1.90 0.00	19.60 2.03 0.00	21.68 2.25 0.00	20.47 2.18 0.00	20.81 2.28 0.00	22.40 2.52 -0.38	27.63 3.17 -0.61	26.69 2.95 0.00	28.38 2.98 -0.23	26.84 2.43 -3.03	22.93 2.10 0.00

SPIERFLS_115KV_TB1 80737	24.08 1.66 0.00	22.08 1.51 0.00	20.15 1.41 0.00	19.30 1.34 0.00	20.28 1.45 0.00	20.03 1.44 0.00	19.18 1.40 0.00	20.23 1.44 0.00	18.69 1.44 0.00	20.54 1.44 0.00	17.89 1.22 0.00	18.16 1.22 0.00	18.47 1.29 0.00	18.53 1.19 0.00	18.74 1.16 0.00	20.59 1.16 0.00	19.63 1.34 0.00	20.08 1.54 0.00	21.07 1.56 0.00	25.80 1.95 0.00	25.67 1.94 0.00	27.21 2.05 0.00	22.95 1.57 0.00	22.37 1.54 0.00
ST LAWRENCE____ 23600	22.01 -0.42 0.00	20.26 -0.32 0.00	18.45 -0.30 0.00	17.68 -0.28 0.00	18.54 -0.29 0.00	18.29 -0.31 0.00	17.51 -0.28 0.00	18.57 -0.22 0.00	16.96 -0.29 0.00	18.94 -0.16 0.00	16.44 -0.22 0.00	16.73 -0.21 0.00	16.91 -0.27 0.00	17.08 -0.26 0.00	17.26 -0.32 0.00	19.08 -0.36 0.00	17.94 -0.35 0.00	18.22 -0.31 0.00	19.17 -0.34 0.00	23.46 -0.40 0.00	23.40 -0.33 0.00	24.83 -0.34 0.00	21.05 -0.33 0.00	20.52 -0.31 0.00
STATE_CA_115KV_115_LB 55624	23.09 0.67 0.00	21.19 0.61 0.00	19.37 0.63 0.00	18.55 0.60 0.00	19.46 0.63 0.00	19.20 0.61 0.00	18.37 0.58 0.00	19.34 0.55 0.00	17.79 0.54 0.00	19.55 0.45 0.00	17.18 0.52 0.00	17.46 0.52 0.00	17.77 0.59 0.00	17.93 0.60 0.00	18.19 0.61 0.00	19.99 0.55 0.00	18.88 0.59 0.00	19.08 0.54 0.00	20.05 0.54 0.00	24.54 0.68 0.00	24.36 0.62 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.27 0.44 0.00
STATE_ST_34_KV_LOAD 55959	22.61 0.19 0.00	20.67 0.09 0.00	18.81 0.06 0.00	18.00 0.05 0.00	18.89 0.07 0.00	18.65 0.06 0.00	17.81 0.02 0.00	18.82 0.03 0.00	17.29 0.04 0.00	19.11 0.00 0.00	16.65 -0.01 0.00	16.89 -0.05 0.00	17.11 -0.07 0.00	17.26 -0.08 0.00	17.53 -0.05 0.00	19.45 0.02 0.00	18.37 0.08 0.00	18.66 0.13 0.00	19.67 0.17 0.00	24.07 0.21 0.00	23.96 0.23 0.00	25.38 0.21 0.00	21.58 0.20 0.00	20.98 0.15 0.00
STATION 5_MISC_HYD 23604	22.44 0.02 0.00	20.44 -0.13 0.00	18.58 -0.16 0.00	17.81 -0.15 0.00	18.71 -0.11 0.00	18.46 -0.13 0.00	17.46 -0.32 0.00	18.43 -0.35 0.00	16.93 -0.31 0.00	18.82 -0.27 0.00	16.51 -0.15 0.00	16.73 -0.22 0.00	16.94 -0.24 0.00	17.08 -0.26 0.00	17.34 -0.23 0.00	19.16 -0.28 0.00	18.07 -0.22 0.00	18.44 -0.09 0.00	19.41 -0.10 0.00	23.68 -0.17 0.00	23.64 -0.09 0.00	25.03 -0.14 0.00	21.21 -0.17 0.00	20.63 -0.20 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.51 0.08 0.00	20.53 -0.04 0.00	18.65 -0.09 0.00	17.87 -0.08 0.00	18.77 -0.06 0.00	18.52 -0.07 0.00	17.59 -0.19 0.00	18.60 -0.19 0.00	17.08 -0.16 0.00	18.95 -0.16 0.00	16.58 -0.08 0.00	16.80 -0.14 0.00	17.01 -0.17 0.00	17.17 -0.16 0.00	17.43 -0.15 0.00	19.31 -0.13 0.00	18.23 -0.06 0.00	18.58 0.04 0.00	19.58 0.07 0.00	23.92 0.07 0.00	23.85 0.12 0.00	25.24 0.07 0.00	21.39 0.01 0.00	20.80 -0.04 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	22.30 -0.12 0.00	20.33 -0.25 0.00	18.47 -0.28 0.00	17.70 -0.25 0.00	18.60 -0.23 0.00	18.35 -0.24 0.00	17.37 -0.41 0.00	18.35 -0.44 0.00	16.85 -0.39 0.00	18.73 -0.37 0.00	16.43 -0.24 0.00	16.64 -0.30 0.00	16.85 -0.33 0.00	17.00 -0.34 0.00	17.27 -0.31 0.00	19.07 -0.36 0.00	17.99 -0.30 0.00	18.35 -0.18 0.00	19.32 -0.18 0.00	23.58 -0.27 0.00	23.53 -0.21 0.00	24.91 -0.26 0.00	21.10 -0.28 0.00	20.53 -0.30 0.00
STA_56____34_KV_BUS2 355983	22.30 -0.12 0.00	20.33 -0.25 0.00	18.47 -0.28 0.00	17.70 -0.25 0.00	18.60 -0.23 0.00	18.35 -0.24 0.00	17.37 -0.41 0.00	18.35 -0.44 0.00	16.85 -0.39 0.00	18.73 -0.37 0.00	16.43 -0.24 0.00	16.64 -0.30 0.00	16.85 -0.33 0.00	17.00 -0.34 0.00	17.27 -0.31 0.00	19.07 -0.36 0.00	17.99 -0.30 0.00	18.35 -0.18 0.00	19.32 -0.18 0.00	23.58 -0.27 0.00	23.53 -0.21 0.00	24.91 -0.26 0.00	21.10 -0.28 0.00	20.53 -0.30 0.00
STA_67____115KV_BK2 355882	22.39 -0.03 0.00	20.42 -0.16 0.00	18.55 -0.20 0.00	17.77 -0.18 0.00	18.68 -0.14 0.00	18.43 -0.16 0.00	17.43 -0.35 0.00	18.40 -0.38 0.00	16.90 -0.35 0.00	18.80 -0.31 0.00	16.49 -0.18 0.00	16.69 -0.25 0.00	16.91 -0.27 0.00	17.04 -0.29 0.00	17.31 -0.27 0.00	19.12 -0.32 0.00	18.02 -0.27 0.00	18.40 -0.13 0.00	19.36 -0.14 0.00	23.63 -0.23 0.00	23.59 -0.14 0.00	24.97 -0.20 0.00	21.16 -0.22 0.00	20.59 -0.24 0.00
STA_7____115KV_9TRANS 80674	22.52 0.10 0.00	20.52 -0.05 0.00	18.65 -0.10 0.00	17.86 -0.09 0.00	18.78 -0.05 0.00	18.52 -0.08 0.00	17.52 -0.27 0.00	18.50 -0.29 0.00	16.99 -0.25 0.00	18.90 -0.20 0.00	16.58 -0.08 0.00	16.79 -0.15 0.00	17.01 -0.17 0.00	17.16 -0.18 0.00	17.43 -0.14 0.00	19.25 -0.19 0.00	18.15 -0.14 0.00	18.54 0.00 0.00	19.52 0.01 0.00	23.82 -0.04 0.00	23.77 0.04 0.00	25.17 0.00 0.00	21.32 -0.07 0.00	20.73 -0.11 0.00
STA_82____115KV_TB1 80780	22.41 -0.02 0.00	20.43 -0.15 0.00	18.57 -0.18 0.00	17.79 -0.17 0.00	18.69 -0.13 0.00	18.44 -0.15 0.00	17.44 -0.34 0.00	18.41 -0.37 0.00	16.91 -0.33 0.00	18.80 -0.30 0.00	16.49 -0.17 0.00	16.70 -0.24 0.00	16.91 -0.27 0.00	17.05 -0.28 0.00	17.31 -0.26 0.00	19.12 -0.31 0.00	18.03 -0.26 0.00	18.41 -0.13 0.00	19.37 -0.13 0.00	23.64 -0.21 0.00	23.60 -0.13 0.00	24.99 -0.18 0.00	21.17 -0.21 0.00	20.60 -0.23 0.00
STEEL____WIND 323596	22.44 0.01 0.00	20.39 -0.19 0.00	18.53 -0.21 0.00	17.77 -0.19 0.00	18.69 -0.13 0.00	18.39 -0.20 0.00	17.28 -0.51 0.00	18.26 -0.53 0.00	16.85 -0.39 0.00	18.78 -0.32 0.00	16.54 -0.12 0.00	16.75 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.26 0.00	17.30 -0.27 0.00	19.08 -0.35 0.00	17.99 -0.30 0.00	18.42 -0.11 0.00	19.35 -0.15 0.00	23.56 -0.30 0.00	23.54 -0.19 0.00	24.88 -0.29 0.00	21.08 -0.30 0.00	20.56 -0.28 0.00
STEPHTWN_115KV_BK_2 55603	23.19 0.77 0.00	21.27 0.69 0.00	19.43 0.68 0.00	18.60 0.64 0.00	19.51 0.68 0.00	19.25 0.66 0.00	18.42 0.64 0.00	19.42 0.63 0.00	17.87 0.63 0.00	19.65 0.55 0.00	17.26 0.59 0.00	17.54 0.60 0.00	17.84 0.66 0.00	18.01 0.67 0.00	18.27 0.70 0.00	20.10 0.66 0.00	18.99 0.70 0.00	19.19 0.66 0.00	20.18 0.68 0.00	24.71 0.85 0.00	24.54 0.80 0.00	26.04 0.87 0.00	21.97 0.59 0.00	21.40 0.57 0.00
STEBEN_REC_LFGE 323667	22.72 0.30 0.00	20.43 -0.14 0.00	18.51 -0.23 0.00	17.78 -0.17 0.00	18.70 -0.13 0.00	18.46 -0.14 0.00	17.37 -0.41 0.00	18.39 -0.40 0.00	17.06 -0.19 0.00	18.92 -0.18 0.00	16.58 -0.09 0.00	16.81 -0.13 0.00	16.98 -0.20 0.00	17.19 -0.15 0.00	17.44 -0.14 0.00	19.34 -0.10 0.00	18.20 -0.09 0.00	18.75 0.21 0.00	19.88 0.38 0.00	24.44 0.58 0.00	24.40 0.67 0.00	25.79 0.63 0.00	21.85 0.48 0.00	21.24 0.41 0.00
STONY____BROOK 24151	28.84 1.59 -4.82	21.87 1.29 0.00	19.91 1.16 0.00	19.07 1.11 0.00	19.94 1.11 0.00	19.71 1.11 0.00	45.94 1.36 -26.80	20.12 1.33 0.00	20.18 1.51 -1.43	21.14 1.45 -0.59	22.91 1.43 -4.81	28.02 1.43 -9.64	23.79 1.55 -5.06	18.74 1.41 0.00	19.09 1.51 0.00	21.08 1.64 0.00	19.85 1.57 0.00	20.03 1.50 0.00	21.57 1.69 -0.38	26.73 2.27 -0.61	25.83 2.09 0.00	27.52 2.13 -0.23	26.17 1.76 -3.03	22.36 1.53 0.00

STURGEON_POOL_HYD 23609	23.41 0.99 0.00	21.42 0.84 0.00	19.49 0.74 0.00	18.64 0.69 0.00	19.50 0.67 0.00	19.25 0.65 0.00	18.53 0.75 0.00	19.61 0.82 0.00	18.28 1.04 0.00	20.11 1.02 0.00	17.76 1.09 0.00	18.07 1.13 0.00	18.42 1.24 0.00	18.56 1.22 0.00	18.89 1.32 0.00	20.86 1.42 0.00	19.66 1.37 0.00	19.91 1.38 0.00	20.93 1.43 0.00	25.56 1.71 0.00	25.31 1.57 0.00	26.75 1.58 0.00	22.61 1.24 0.00	21.97 1.14 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.45 1.02 0.00	21.45 0.88 0.00	19.53 0.78 0.00	18.68 0.73 0.00	19.55 0.72 0.00	19.29 0.70 0.00	18.55 0.76 0.00	19.61 0.82 0.00	18.22 0.98 0.00	20.05 0.95 0.00	17.67 1.01 0.00	17.99 1.05 0.00	18.32 1.14 0.00	18.47 1.14 0.00	18.79 1.21 0.00	20.74 1.30 0.00	19.56 1.27 0.00	19.81 1.28 0.00	20.83 1.33 0.00	25.45 1.60 0.00	25.22 1.49 0.00	26.67 1.51 0.00	22.55 1.17 0.00	21.92 1.09 0.00
SWANROAD_115KV_TB1 355699	21.87 -0.55 0.00	19.89 -0.68 0.00	18.10 -0.64 0.00	17.37 -0.59 0.00	18.30 -0.53 0.00	18.03 -0.57 0.00	16.83 -0.95 0.00	17.71 -1.08 0.00	16.30 -0.95 0.00	18.21 -0.89 0.00	16.05 -0.61 0.00	16.22 -0.72 0.00	16.41 -0.77 0.00	16.51 -0.83 0.00	16.74 -0.84 0.00	18.41 -1.02 0.00	17.36 -0.93 0.00	17.80 -0.74 0.00	18.69 -0.82 0.00	22.71 -1.14 0.00	22.75 -0.98 0.00	24.08 -1.09 0.00	20.40 -0.98 0.00	19.91 -0.92 0.00
SYNERGY___BIOGAS 323694	22.71 0.28 0.00	20.64 0.06 0.00	18.76 0.01 0.00	17.98 0.02 0.00	18.93 0.11 0.00	18.66 0.07 0.00	17.53 -0.26 0.00	18.49 -0.30 0.00	16.99 -0.25 0.00	18.86 -0.24 0.00	16.61 -0.05 0.00	16.80 -0.14 0.00	16.98 -0.20 0.00	17.08 -0.25 0.00	17.32 -0.25 0.00	19.13 -0.30 0.00	18.07 -0.22 0.00	18.52 -0.01 0.00	19.53 0.03 0.00	23.85 -0.01 0.00	23.88 0.14 0.00	25.27 0.10 0.00	21.37 -0.01 0.00	20.78 -0.05 0.00
SYRACUSE___ENERGY_ST1 323597	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
SYRACUSE___ENERGY_ST2 323598	22.39 -0.03 0.00	20.49 -0.09 0.00	18.64 -0.10 0.00	17.86 -0.10 0.00	18.73 -0.10 0.00	18.49 -0.10 0.00	17.66 -0.13 0.00	18.64 -0.14 0.00	17.11 -0.13 0.00	18.92 -0.18 0.00	16.47 -0.20 0.00	16.72 -0.22 0.00	16.96 -0.22 0.00	17.12 -0.22 0.00	17.39 -0.19 0.00	19.30 -0.13 0.00	18.20 -0.08 0.00	18.46 -0.07 0.00	19.45 -0.06 0.00	23.78 -0.08 0.00	23.67 -0.06 0.00	25.09 -0.08 0.00	21.37 -0.01 0.00	20.80 -0.04 0.00
SYRACUSE___POWER 24017	22.42 0.00 0.00	20.52 -0.05 0.00	18.67 -0.08 0.00	17.88 -0.07 0.00	18.76 -0.07 0.00	18.52 -0.07 0.00	17.69 -0.10 0.00	18.67 -0.11 0.00	17.15 -0.10 0.00	18.96 -0.15 0.00	16.51 -0.15 0.00	16.76 -0.18 0.00	16.99 -0.20 0.00	17.15 -0.19 0.00	17.40 -0.18 0.00	19.31 -0.12 0.00	18.20 -0.08 0.00	18.48 -0.06 0.00	19.46 -0.04 0.00	23.80 -0.05 0.00	23.70 -0.04 0.00	25.12 -0.06 0.00	21.39 0.01 0.00	20.81 -0.02 0.00
TALLMAN__138KV_BK151 55660	23.52 1.10 0.00	21.51 0.93 0.00	19.57 0.83 0.00	18.72 0.77 0.00	19.58 0.76 0.00	19.33 0.74 0.00	18.59 0.81 0.00	19.67 0.88 0.00	18.31 1.06 0.00	20.14 1.04 0.00	17.78 1.12 0.00	18.10 1.16 0.00	18.45 1.27 0.00	18.59 1.26 0.00	18.93 1.35 0.00	20.88 1.45 0.00	19.71 1.42 0.00	19.95 1.41 0.00	20.97 1.46 0.00	25.60 1.74 0.00	25.35 1.61 0.00	26.80 1.63 0.00	22.65 1.27 0.00	22.01 1.18 0.00
TEALLAVE_115KV_TB7 355573	22.33 -0.09 0.00	20.44 -0.14 0.00	18.60 -0.15 0.00	17.81 -0.14 0.00	18.69 -0.14 0.00	18.45 -0.14 0.00	17.61 -0.17 0.00	18.59 -0.20 0.00	17.05 -0.19 0.00	18.85 -0.25 0.00	16.42 -0.24 0.00	16.67 -0.27 0.00	16.90 -0.28 0.00	17.06 -0.27 0.00	17.32 -0.26 0.00	19.22 -0.21 0.00	18.12 -0.17 0.00	18.38 -0.15 0.00	19.36 -0.14 0.00	23.66 -0.19 0.00	23.57 -0.17 0.00	24.97 -0.19 0.00	21.28 -0.10 0.00	20.71 -0.13 0.00
TELGRAPH_34_KV_EAST 80808	22.34 -0.09 0.00	20.31 -0.27 0.00	18.46 -0.28 0.00	17.70 -0.25 0.00	18.65 -0.18 0.00	18.38 -0.21 0.00	17.22 -0.57 0.00	18.15 -0.64 0.00	16.70 -0.55 0.00	18.62 -0.48 0.00	16.41 -0.26 0.00	16.59 -0.36 0.00	16.78 -0.41 0.00	16.88 -0.45 0.00	17.13 -0.45 0.00	18.87 -0.57 0.00	17.81 -0.48 0.00	18.25 -0.28 0.00	19.19 -0.32 0.00	23.35 -0.50 0.00	23.37 -0.36 0.00	24.73 -0.44 0.00	20.92 -0.46 0.00	20.39 -0.44 0.00
TEMPLE___115KV_TB 2 55572	22.34 -0.08 0.00	20.45 -0.13 0.00	18.61 -0.13 0.00	17.83 -0.13 0.00	18.70 -0.13 0.00	18.46 -0.13 0.00	17.62 -0.17 0.00	18.59 -0.20 0.00	17.06 -0.18 0.00	18.86 -0.24 0.00	16.43 -0.23 0.00	16.69 -0.26 0.00	16.92 -0.26 0.00	17.07 -0.26 0.00	17.33 -0.25 0.00	19.23 -0.20 0.00	18.13 -0.16 0.00	18.40 -0.13 0.00	19.37 -0.13 0.00	23.68 -0.17 0.00	23.58 -0.15 0.00	24.99 -0.18 0.00	21.29 -0.09 0.00	20.72 -0.11 0.00
TIANA____69_KV_BK 1 55817	28.95 1.71 -4.82	21.96 1.39 0.00	20.03 1.28 0.00	19.19 1.23 0.00	20.09 1.26 0.00	19.86 1.27 0.00	46.19 1.62 -26.80	20.30 1.51 0.00	20.33 1.65 -1.43	21.29 1.59 -0.59	23.01 1.53 -4.81	28.12 1.53 -9.64	23.90 1.66 -5.06	18.88 1.54 0.00	19.23 1.65 0.00	21.25 1.81 0.00	20.04 1.75 0.00	20.34 1.81 0.00	21.89 2.01 -0.38	27.03 2.56 -0.61	26.10 2.37 0.00	27.79 2.39 -0.23	26.37 1.96 -3.03	22.52 1.68 0.00
TILDEN___115KV_TB1 80814	22.42 0.00 0.00	20.52 -0.05 0.00	18.67 -0.08 0.00	17.88 -0.07 0.00	18.76 -0.07 0.00	18.52 -0.07 0.00	17.69 -0.10 0.00	18.67 -0.11 0.00	17.15 -0.10 0.00	18.96 -0.15 0.00	16.51 -0.15 0.00	16.76 -0.18 0.00	16.99 -0.20 0.00	17.15 -0.19 0.00	17.40 -0.18 0.00	19.31 -0.12 0.00	18.20 -0.08 0.00	18.48 -0.06 0.00	19.46 -0.04 0.00	23.80 -0.05 0.00	23.70 -0.04 0.00	25.12 -0.06 0.00	21.39 0.01 0.00	20.81 -0.02 0.00
TRIGEN___CC 323695	28.71 1.47 -4.82	21.79 1.21 0.00	19.82 1.08 0.00	18.96 1.01 0.00	19.83 1.01 0.00	19.59 0.99 0.00	45.72 1.15 -26.80	19.99 1.20 0.00	20.07 1.39 -1.43	21.06 1.37 -0.59	22.88 1.41 -4.81	28.01 1.42 -9.64	23.77 1.53 -5.06	18.75 1.42 0.00	19.10 1.52 0.00	21.07 1.63 0.00	19.82 1.53 0.00	20.07 1.54 0.00	21.53 1.65 -0.38	26.51 2.05 -0.61	25.63 1.90 0.00	27.36 1.96 -0.23	26.03 1.62 -3.03	22.28 1.45 0.00
TRINITY__115KV__ 4 BK 55933	23.01 0.58 0.00	21.12 0.54 0.00	19.31 0.56 0.00	18.49 0.54 0.00	19.40 0.57 0.00	19.14 0.55 0.00	18.31 0.52 0.00	19.27 0.48 0.00	17.73 0.48 0.00	19.48 0.38 0.00	17.11 0.45 0.00	17.39 0.45 0.00	17.70 0.52 0.00	17.86 0.53 0.00	18.12 0.54 0.00	19.91 0.48 0.00	18.80 0.51 0.00	18.98 0.44 0.00	19.94 0.44 0.00	24.41 0.56 0.00	24.24 0.50 0.00	25.74 0.57 0.00	21.74 0.36 0.00	21.18 0.36 0.00

UNION___PROCESSING_DRP 323587	22.41 -0.01 0.00	20.43 -0.15 0.00	18.57 -0.18 0.00	17.79 -0.16 0.00	18.70 -0.13 0.00	18.44 -0.15 0.00	17.45 -0.34 0.00	18.42 -0.37 0.00	16.91 -0.33 0.00	18.80 -0.30 0.00	16.50 -0.16 0.00	16.71 -0.24 0.00	16.92 -0.26 0.00	17.06 -0.28 0.00	17.32 -0.25 0.00	19.13 -0.31 0.00	18.03 -0.25 0.00	18.41 -0.12 0.00	19.38 -0.13 0.00	23.65 -0.20 0.00	23.62 -0.12 0.00	25.00 -0.17 0.00	21.18 -0.19 0.00	20.61 -0.22 0.00
UPPER HUDSON___HYD 24058	24.08 1.66 0.00	22.08 1.51 0.00	20.15 1.41 0.00	19.30 1.34 0.00	20.28 1.45 0.00	20.03 1.43 0.00	19.18 1.40 0.00	20.23 1.44 0.00	18.68 1.44 0.00	20.54 1.44 0.00	17.89 1.22 0.00	18.16 1.22 0.00	18.47 1.29 0.00	18.53 1.19 0.00	18.74 1.16 0.00	20.59 1.16 0.00	19.63 1.34 0.00	20.08 1.54 0.00	21.07 1.56 0.00	25.80 1.95 0.00	25.67 1.94 0.00	27.21 2.05 0.00	22.94 1.57 0.00	22.37 1.54 0.00
UPPER RAQUET___HYD 24056	22.44 0.02 0.00	20.64 0.06 0.00	18.79 0.04 0.00	18.04 0.08 0.00	18.92 0.10 0.00	18.66 0.07 0.00	17.88 0.10 0.00	18.98 0.19 0.00	17.36 0.11 0.00	19.37 0.27 0.00	16.79 0.13 0.00	17.05 0.10 0.00	17.22 0.03 0.00	17.36 0.03 0.00	17.54 -0.03 0.00	19.39 -0.05 0.00	18.25 -0.04 0.00	18.59 0.06 0.00	19.60 0.09 0.00	24.04 0.18 0.00	24.02 0.28 0.00	25.48 0.31 0.00	21.56 0.18 0.00	20.99 0.16 0.00
VALLEY44_115KV_TB2 355964	22.69 0.27 0.00	20.66 0.08 0.00	18.76 0.02 0.00	17.97 0.02 0.00	18.89 0.06 0.00	18.59 0.00 0.00	17.57 -0.22 0.00	18.66 -0.12 0.00	17.26 0.02 0.00	19.22 0.12 0.00	17.04 0.37 0.00	17.20 0.26 0.00	17.32 0.14 0.00	17.45 0.12 0.00	17.68 0.11 0.00	19.53 0.10 0.00	18.41 0.12 0.00	18.79 0.26 0.00	19.74 0.23 0.00	24.11 0.26 0.00	23.99 0.26 0.00	25.29 0.12 0.00	21.40 0.02 0.00	20.88 0.05 0.00
VALLEY___115KV_TB 1-4 80826	22.56 0.14 0.00	20.68 0.10 0.00	18.87 0.13 0.00	18.09 0.13 0.00	18.97 0.14 0.00	18.74 0.15 0.00	17.93 0.15 0.00	18.93 0.14 0.00	17.47 0.22 0.00	19.20 0.10 0.00	16.81 0.14 0.00	17.07 0.12 0.00	17.35 0.16 0.00	17.48 0.14 0.00	17.70 0.12 0.00	19.46 0.03 0.00	18.36 0.08 0.00	18.58 0.05 0.00	19.66 0.16 0.00	24.15 0.29 0.00	23.98 0.24 0.00	25.46 0.29 0.00	21.57 0.19 0.00	20.99 0.16 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.15 0.72 0.00	21.18 0.60 0.00	19.27 0.52 0.00	18.46 0.50 0.00	19.34 0.52 0.00	19.10 0.51 0.00	18.29 0.51 0.00	19.35 0.56 0.00	17.87 0.63 0.00	19.75 0.64 0.00	17.30 0.63 0.00	17.57 0.62 0.00	17.83 0.65 0.00	17.97 0.63 0.00	18.25 0.67 0.00	20.17 0.74 0.00	19.01 0.72 0.00	19.27 0.74 0.00	20.29 0.79 0.00	24.84 0.98 0.00	24.67 0.94 0.00	26.12 0.95 0.00	22.14 0.77 0.00	21.54 0.71 0.00
VISCHER___FERRY HYD 24020	23.37 0.95 0.00	21.47 0.89 0.00	19.63 0.88 0.00	18.79 0.84 0.00	19.73 0.90 0.00	19.47 0.88 0.00	18.61 0.83 0.00	19.60 0.81 0.00	18.10 0.86 0.00	19.89 0.79 0.00	17.45 0.79 0.00	17.72 0.78 0.00	18.03 0.85 0.00	18.19 0.85 0.00	18.43 0.85 0.00	20.24 0.81 0.00	19.12 0.83 0.00	19.31 0.78 0.00	20.28 0.78 0.00	24.84 0.99 0.00	24.69 0.95 0.00	26.24 1.07 0.00	22.16 0.78 0.00	21.62 0.78 0.00
V_A_10_SYNC_DSASP 323832	22.15 -0.28 0.00	20.17 -0.41 0.00	18.32 -0.42 0.00	17.57 -0.39 0.00	18.48 -0.35 0.00	18.21 -0.38 0.00	17.14 -0.64 0.00	18.10 -0.69 0.00	16.66 -0.59 0.00	18.57 -0.53 0.00	16.33 -0.33 0.00	16.52 -0.43 0.00	16.71 -0.47 0.00	16.83 -0.50 0.00	17.07 -0.51 0.00	18.82 -0.61 0.00	17.74 -0.55 0.00	18.14 -0.39 0.00	19.06 -0.45 0.00	23.20 -0.65 0.00	23.18 -0.56 0.00	24.52 -0.65 0.00	20.76 -0.62 0.00	20.25 -0.58 0.00
V_CMM_10_SYNC_DSASP 323787	22.10 -0.32 0.00	20.34 -0.24 0.00	18.53 -0.22 0.00	17.75 -0.21 0.00	18.61 -0.21 0.00	18.36 -0.23 0.00	17.58 -0.20 0.00	18.65 -0.14 0.00	17.04 -0.21 0.00	19.02 -0.08 0.00	16.51 -0.15 0.00	16.80 -0.14 0.00	16.98 -0.20 0.00	17.15 -0.19 0.00	17.34 -0.23 0.00	19.16 -0.27 0.00	18.02 -0.26 0.00	18.31 -0.22 0.00	19.26 -0.25 0.00	23.56 -0.29 0.00	23.50 -0.23 0.00	24.94 -0.23 0.00	21.14 -0.24 0.00	20.61 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	22.87 0.45 0.00	21.03 0.46 0.00	19.13 0.38 0.00	18.32 0.37 0.00	19.23 0.40 0.00	19.02 0.43 0.00	18.32 0.54 0.00	19.40 0.61 0.00	17.84 0.59 0.00	19.92 0.82 0.00	17.25 0.58 0.00	17.42 0.48 0.00	17.68 0.50 0.00	17.78 0.44 0.00	17.95 0.37 0.00	19.74 0.30 0.00	18.66 0.37 0.00	18.95 0.41 0.00	20.02 0.51 0.00	24.51 0.65 0.00	24.34 0.61 0.00	25.76 0.59 0.00	21.69 0.31 0.00	21.23 0.40 0.00
V_E_10_SYNC_DSASP 323830	24.05 1.63 0.00	21.97 1.39 0.00	19.97 1.22 0.00	19.11 1.15 0.00	20.07 1.24 0.00	19.84 1.25 0.00	18.98 1.19 0.00	20.12 1.33 0.00	18.56 1.32 0.00	20.53 1.43 0.00	17.80 1.14 0.00	17.91 0.96 0.00	18.10 0.93 0.00	18.22 0.89 0.00	18.56 0.98 0.00	20.52 1.08 0.00	19.33 1.05 0.00	19.61 1.08 0.00	20.86 1.36 0.00	25.87 2.02 0.00	25.77 2.04 0.00	27.24 2.07 0.00	23.11 1.73 0.00	22.38 1.55 0.00
V_F_30_NSYNC___DSASP 323816	23.77 1.35 0.00	21.80 1.22 0.00	19.91 1.16 0.00	19.06 1.11 0.00	20.01 1.19 0.00	19.76 1.17 0.00	18.91 1.12 0.00	19.94 1.16 0.00	18.41 1.16 0.00	20.23 1.13 0.00	17.71 1.05 0.00	17.98 1.04 0.00	18.30 1.12 0.00	18.45 1.11 0.00	18.68 1.10 0.00	20.54 1.10 0.00	19.45 1.16 0.00	19.75 1.21 0.00	20.74 1.24 0.00	25.41 1.56 0.00	25.26 1.53 0.00	26.80 1.63 0.00	22.63 1.25 0.00	22.04 1.21 0.00
V_F_30_SYNC_DSASP 323786	23.09 0.67 0.00	21.19 0.61 0.00	19.37 0.63 0.00	18.55 0.59 0.00	19.45 0.63 0.00	19.20 0.61 0.00	18.36 0.58 0.00	19.34 0.55 0.00	17.79 0.54 0.00	19.55 0.45 0.00	17.18 0.52 0.00	17.46 0.52 0.00	17.77 0.59 0.00	17.93 0.60 0.00	18.19 0.61 0.00	19.99 0.55 0.00	18.88 0.59 0.00	19.07 0.54 0.00	20.04 0.54 0.00	24.54 0.68 0.00	24.36 0.62 0.00	25.86 0.69 0.00	21.84 0.46 0.00	21.27 0.44 0.00
V_XM_10_SYNC_DSASP 323789	22.87 0.45 0.00	21.03 0.46 0.00	19.13 0.38 0.00	18.32 0.37 0.00	19.23 0.40 0.00	19.02 0.43 0.00	18.32 0.54 0.00	19.40 0.61 0.00	17.84 0.59 0.00	19.92 0.82 0.00	17.25 0.58 0.00	17.42 0.48 0.00	17.68 0.50 0.00	17.78 0.44 0.00	17.95 0.37 0.00	19.74 0.30 0.00	18.66 0.37 0.00	18.95 0.41 0.00	20.02 0.51 0.00	24.51 0.65 0.00	24.34 0.61 0.00	25.76 0.59 0.00	21.69 0.31 0.00	21.23 0.40 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.61 1.19 0.00	21.59 1.01 0.00	19.65 0.90 0.00	18.79 0.84 0.00	19.66 0.83 0.00	19.40 0.81 0.00	18.66 0.88 0.00	19.73 0.95 0.00	18.38 1.13 0.00	20.21 1.11 0.00	17.85 1.18 0.00	18.18 1.23 0.00	18.52 1.34 0.00	18.67 1.33 0.00	19.00 1.42 0.00	20.96 1.53 0.00	19.79 1.50 0.00	20.03 1.50 0.00	21.06 1.55 0.00	25.71 1.86 0.00	25.46 1.72 0.00	26.91 1.74 0.00	22.74 1.36 0.00	22.10 1.27 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	23.60 1.18 0.00	21.59 1.01 0.00	19.67 0.92 0.00	18.82 0.87 0.00	19.67 0.84 0.00	19.42 0.83 0.00	18.72 0.93 0.00	19.80 1.02 0.00	18.47 1.23 0.00	20.31 1.21 0.00	17.96 1.30 0.00	18.29 1.35 0.00	18.63 1.45 0.00	18.77 1.44 0.00	19.17 1.53 -0.06	21.05 1.62 0.00	20.06 1.59 -0.18	20.10 1.57 0.00	21.13 1.62 0.00	25.78 1.93 0.00	25.51 1.77 0.00	26.96 1.78 0.00	22.79 1.41 0.00	22.13 1.29 0.00
W50THST__13_KV_LOAD 356117	23.71 1.28 0.00	21.68 1.11 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.01 0.00	19.89 1.10 0.00	18.56 1.31 0.00	20.41 1.31 0.00	18.06 1.39 0.00	18.39 1.45 0.00	18.73 1.55 0.00	18.88 1.54 0.00	19.27 1.63 -0.06	21.17 1.74 0.00	20.16 1.70 -0.18	20.21 1.68 0.00	21.24 1.74 0.00	25.91 2.06 0.00	25.65 1.91 0.00	27.09 1.92 0.00	22.90 1.52 0.00	22.23 1.40 0.00
WADING RIVER_IC_1 23522	28.50 1.26 -4.82	21.57 0.99 0.00	19.69 0.94 0.00	18.88 0.93 0.00	19.76 0.93 0.00	19.55 0.96 0.00	45.93 1.35 -26.80	19.96 1.17 0.00	20.00 1.33 -1.43	20.89 1.20 -0.59	22.65 1.17 -4.81	27.75 1.16 -9.64	23.52 1.27 -5.06	18.48 1.14 0.00	18.82 1.25 0.00	20.79 1.35 0.00	19.59 1.30 0.00	19.86 1.33 0.00	21.38 1.50 -0.38	26.43 1.97 -0.61	25.53 1.79 0.00	27.20 1.80 -0.23	25.90 1.49 -3.03	22.08 1.25 0.00
WADING RIVER_IC_2 23547	28.50 1.26 -4.82	21.57 0.99 0.00	19.69 0.94 0.00	18.88 0.93 0.00	19.76 0.93 0.00	19.55 0.96 0.00	45.93 1.35 -26.80	19.96 1.17 0.00	20.00 1.33 -1.43	20.89 1.20 -0.59	22.65 1.17 -4.81	27.75 1.16 -9.64	23.52 1.27 -5.06	18.48 1.14 0.00	18.82 1.25 0.00	20.79 1.35 0.00	19.59 1.30 0.00	19.86 1.33 0.00	21.38 1.50 -0.38	26.43 1.97 -0.61	25.53 1.79 0.00	27.20 1.80 -0.23	25.90 1.49 -3.03	22.08 1.25 0.00
WADING RIVER_IC_3 23601	28.50 1.26 -4.82	21.57 0.99 0.00	19.69 0.94 0.00	18.88 0.93 0.00	19.76 0.93 0.00	19.55 0.96 0.00	45.93 1.35 -26.80	19.96 1.17 0.00	20.00 1.33 -1.43	20.89 1.20 -0.59	22.65 1.17 -4.81	27.75 1.16 -9.64	23.52 1.27 -5.06	18.48 1.14 0.00	18.82 1.25 0.00	20.79 1.35 0.00	19.59 1.30 0.00	19.86 1.33 0.00	21.38 1.50 -0.38	26.43 1.97 -0.61	25.53 1.79 0.00	27.20 1.80 -0.23	25.90 1.49 -3.03	22.08 1.25 0.00
WALDENNY_12_KV_BK2 80841	22.43 0.01 0.00	20.39 -0.19 0.00	18.52 -0.22 0.00	17.76 -0.19 0.00	18.69 -0.13 0.00	18.41 -0.19 0.00	17.28 -0.51 0.00	18.25 -0.54 0.00	16.84 -0.41 0.00	18.79 -0.31 0.00	16.56 -0.10 0.00	16.76 -0.19 0.00	16.95 -0.23 0.00	17.07 -0.26 0.00	17.30 -0.27 0.00	19.07 -0.36 0.00	17.99 -0.30 0.00	18.43 -0.11 0.00	19.36 -0.15 0.00	23.56 -0.29 0.00	23.55 -0.19 0.00	24.88 -0.29 0.00	21.07 -0.31 0.00	20.54 -0.30 0.00
WALDEN__HYDRO 24148	23.62 1.20 0.00	21.60 1.02 0.00	19.65 0.90 0.00	18.80 0.84 0.00	19.67 0.84 0.00	19.42 0.82 0.00	18.67 0.89 0.00	19.73 0.94 0.00	18.33 1.08 0.00	20.17 1.07 0.00	17.77 1.10 0.00	18.06 1.12 0.00	18.40 1.22 0.00	18.53 1.19 0.00	18.86 1.28 0.00	20.81 1.38 0.00	19.63 1.34 0.00	19.90 1.37 0.00	20.96 1.46 0.00	25.66 1.81 0.00	25.44 1.70 0.00	26.94 1.77 0.00	22.75 1.37 0.00	22.11 1.27 0.00
WARRENSBURG____ 23737	24.08 1.66 0.00	22.08 1.51 0.00	20.15 1.41 0.00	19.30 1.34 0.00	20.28 1.45 0.00	20.03 1.43 0.00	19.18 1.40 0.00	20.23 1.44 0.00	18.68 1.44 0.00	20.54 1.44 0.00	17.89 1.22 0.00	18.16 1.22 0.00	18.47 1.29 0.00	18.53 1.19 0.00	18.74 1.16 0.00	20.59 1.16 0.00	19.63 1.34 0.00	20.08 1.54 0.00	21.07 1.56 0.00	25.80 1.95 0.00	25.67 1.94 0.00	27.21 2.05 0.00	22.94 1.57 0.00	22.37 1.54 0.00
WATERSIDE____6 8 9 23538	23.58 1.16 0.00	21.58 1.00 0.00	19.65 0.90 0.00	18.80 0.85 0.00	19.65 0.82 0.00	19.41 0.82 0.00	18.71 0.93 0.00	19.78 0.99 0.00	18.46 1.22 0.00	20.28 1.18 0.00	17.94 1.27 0.00	18.26 1.32 0.00	18.60 1.42 0.00	18.75 1.41 0.00	19.14 1.50 -0.06	21.02 1.59 0.00	20.01 1.55 -0.17	20.07 1.53 0.00	21.10 1.59 0.00	25.74 1.88 0.00	25.47 1.73 0.00	26.91 1.74 0.00	22.76 1.38 0.00	22.10 1.27 0.00
WATKINRD_115KV_LN8_ILLION 55919	22.53 0.11 0.00	20.65 0.07 0.00	18.83 0.09 0.00	18.04 0.09 0.00	18.92 0.09 0.00	18.69 0.10 0.00	17.88 0.10 0.00	18.87 0.08 0.00	17.39 0.14 0.00	19.15 0.05 0.00	16.74 0.08 0.00	17.01 0.07 0.00	17.28 0.10 0.00	17.43 0.10 0.00	17.67 0.09 0.00	19.47 0.03 0.00	18.36 0.08 0.00	18.60 0.06 0.00	19.63 0.12 0.00	24.07 0.21 0.00	23.92 0.18 0.00	25.38 0.21 0.00	21.50 0.12 0.00	20.93 0.10 0.00
WATSON____69_KV_BK 1 55734	29.07 1.83 -4.82	22.08 1.50 0.00	20.10 1.35 0.00	19.23 1.28 0.00	20.11 1.28 0.00	19.87 1.28 0.00	46.06 1.48 -26.80	20.28 1.49 0.00	20.34 1.67 -1.43	21.33 1.64 -0.59	23.08 1.60 -4.81	28.20 1.61 -9.64	23.97 1.73 -5.06	18.94 1.60 0.00	19.30 1.72 0.00	21.32 1.89 0.00	20.09 1.80 0.00	20.36 1.83 0.00	21.89 2.01 -0.38	27.00 2.54 -0.61	26.11 2.38 0.00	27.83 2.43 -0.23	26.43 2.02 -3.03	22.60 1.77 0.00
WDELAWARE__HYD 323627	22.94 0.52 0.00	20.96 0.38 0.00	19.06 0.31 0.00	18.23 0.28 0.00	19.07 0.24 0.00	18.83 0.24 0.00	18.12 0.34 0.00	19.16 0.38 0.00	17.80 0.56 0.00	19.56 0.46 0.00	17.20 0.53 0.00	17.49 0.54 0.00	17.84 0.66 0.00	17.99 0.65 0.00	18.33 0.75 0.00	20.21 0.78 0.00	19.07 0.78 0.00	19.35 0.82 0.00	20.41 0.90 0.00	24.99 1.14 0.00	24.77 1.03 0.00	26.20 1.03 0.00	22.14 0.76 0.00	21.49 0.66 0.00
WEST BABYLON__IC 23714	29.04 1.80 -4.82	22.05 1.47 0.00	20.07 1.32 0.00	19.19 1.24 0.00	20.08 1.25 0.00	19.83 1.24 0.00	46.01 1.43 -26.80	20.24 1.46 0.00	20.30 1.63 -1.43	21.30 1.61 -0.59	23.06 1.58 -4.81	28.18 1.60 -9.64	23.95 1.70 -5.06	18.92 1.58 0.00	19.27 1.70 0.00	21.29 1.86 0.00	20.05 1.76 0.00	20.32 1.78 0.00	21.84 1.96 -0.38	26.93 2.47 -0.61	26.04 2.30 0.00	27.78 2.38 -0.23	26.38 1.98 -3.03	22.55 1.72 0.00
WEST CANADA__HYD 24049	22.49 0.06 0.00	20.64 0.06 0.00	18.80 0.06 0.00	18.01 0.05 0.00	18.88 0.06 0.00	18.65 0.06 0.00	17.83 0.05 0.00	18.83 0.04 0.00	17.30 0.05 0.00	19.12 0.02 0.00	16.70 0.03 0.00	16.98 0.03 0.00	17.22 0.04 0.00	17.37 0.03 0.00	17.62 0.04 0.00	19.48 0.04 0.00	18.34 0.05 0.00	18.59 0.06 0.00	19.56 0.06 0.00	23.94 0.08 0.00	23.81 0.07 0.00	25.25 0.08 0.00	21.44 0.07 0.00	20.89 0.06 0.00
WESTERN_NY_WIND 24143	22.68 0.26 0.00	20.61 0.03 0.00	18.74 -0.01 0.00	17.96 0.01 0.00	18.91 0.08 0.00	18.64 0.05 0.00	17.51 -0.28 0.00	18.46 -0.33 0.00	16.97 -0.28 0.00	18.84 -0.26 0.00	16.59 -0.07 0.00	16.78 -0.17 0.00	16.96 -0.23 0.00	17.06 -0.28 0.00	17.30 -0.28 0.00	19.11 -0.33 0.00	18.05 -0.24 0.00	18.50 -0.03 0.00	19.50 -0.01 0.00	23.81 -0.05 0.00	23.84 0.10 0.00	25.23 0.06 0.00	21.33 -0.05 0.00	20.76 -0.07 0.00



WESTOVER___LESR 323668	22.72 0.30 0.00	20.77 0.20 0.00	18.88 0.13 0.00	18.08 0.12 0.00	18.96 0.13 0.00	18.72 0.12 0.00	17.88 0.10 0.00	18.94 0.15 0.00	17.48 0.24 0.00	19.34 0.24 0.00	16.95 0.29 0.00	17.22 0.28 0.00	17.44 0.26 0.00	17.59 0.25 0.00	17.85 0.27 0.00	19.76 0.33 0.00	18.62 0.33 0.00	18.92 0.38 0.00	19.92 0.42 0.00	24.38 0.53 0.00	24.22 0.49 0.00	25.59 0.42 0.00	21.73 0.35 0.00	21.13 0.30 0.00
WETHRSFD_WT_PWR 323626	22.31 -0.12 0.00	20.26 -0.31 0.00	18.42 -0.33 0.00	17.67 -0.28 0.00	18.58 -0.25 0.00	18.26 -0.33 0.00	17.14 -0.65 0.00	18.13 -0.65 0.00	16.79 -0.46 0.00	18.67 -0.43 0.00	16.42 -0.25 0.00	16.63 -0.31 0.00	16.82 -0.37 0.00	16.96 -0.37 0.00	17.18 -0.39 0.00	19.00 -0.43 0.00	17.91 -0.38 0.00	18.36 -0.17 0.00	19.36 -0.15 0.00	23.69 -0.16 0.00	23.66 -0.08 0.00	24.99 -0.18 0.00	21.18 -0.20 0.00	20.64 -0.19 0.00
WHAVSTOR_138KV_BK127 55557	23.49 1.07 0.00	21.49 0.91 0.00	19.55 0.81 0.00	18.71 0.75 0.00	19.57 0.74 0.00	19.31 0.72 0.00	18.58 0.80 0.00	19.65 0.86 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.76 1.10 0.00	18.09 1.14 0.00	18.43 1.25 0.00	18.57 1.23 0.00	18.90 1.32 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.56 1.70 0.00	25.31 1.57 0.00	26.76 1.59 0.00	22.62 1.24 0.00	21.99 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.49 1.07 0.00	21.49 0.91 0.00	19.55 0.81 0.00	18.71 0.75 0.00	19.57 0.74 0.00	19.31 0.72 0.00	18.58 0.80 0.00	19.65 0.86 0.00	18.29 1.05 0.00	20.12 1.02 0.00	17.76 1.10 0.00	18.09 1.14 0.00	18.43 1.25 0.00	18.57 1.23 0.00	18.90 1.32 0.00	20.85 1.42 0.00	19.68 1.39 0.00	19.92 1.38 0.00	20.93 1.43 0.00	25.56 1.70 0.00	25.31 1.57 0.00	26.76 1.59 0.00	22.62 1.24 0.00	21.99 1.16 0.00
WHITEHAL_115KV_TB1 80871	24.65 2.22 0.00	22.64 2.06 0.00	20.65 1.90 0.00	19.80 1.85 0.00	20.87 2.05 0.00	20.63 2.04 0.00	19.79 2.01 0.00	20.80 2.01 0.00	19.17 1.93 0.00	21.11 2.01 0.00	18.47 1.81 0.00	18.70 1.76 0.00	19.00 1.82 0.00	19.12 1.78 0.00	19.22 1.64 0.00	20.89 1.45 0.00	19.96 1.67 0.00	20.49 1.96 0.00	21.46 1.96 0.00	26.31 2.45 0.00	26.20 2.46 0.00	27.72 2.55 0.00	23.32 1.94 0.00	22.97 2.14 0.00
WHITEPLN_13_KV_LOAD 356215	23.77 1.35 0.00	21.76 1.18 0.00	19.80 1.05 0.00	18.94 0.98 0.00	19.81 0.99 0.00	19.56 0.97 0.00	18.83 1.05 0.00	19.92 1.13 0.00	18.56 1.32 0.00	20.42 1.32 0.00	18.04 1.38 0.00	18.37 1.42 0.00	18.71 1.53 0.00	18.86 1.52 0.00	19.19 1.62 0.00	21.17 1.74 0.00	19.98 1.69 0.00	20.18 1.64 0.00	21.21 1.70 0.00	25.90 2.05 0.00	25.64 1.91 0.00	27.10 1.93 0.00	22.90 1.53 0.00	22.25 1.42 0.00
WM_FLOYD_69_KV_BK2 356380	28.73 1.49 -4.82	21.77 1.19 0.00	19.84 1.09 0.00	19.01 1.05 0.00	19.90 1.07 0.00	19.67 1.07 0.00	45.97 1.39 -26.80	20.07 1.29 0.00	20.12 1.45 -1.43	21.04 1.34 -0.59	22.80 1.31 -4.81	27.89 1.31 -9.64	23.66 1.41 -5.06	18.63 1.29 0.00	18.96 1.39 0.00	20.94 1.51 0.00	19.73 1.44 0.00	20.02 1.48 0.00	21.55 1.67 -0.38	26.63 2.17 -0.61	25.73 2.00 0.00	27.43 2.03 -0.23	26.09 1.68 -3.03	22.28 1.44 0.00
WOODARD__115KV_TB2 355635	22.29 -0.14 0.00	20.40 -0.18 0.00	18.57 -0.18 0.00	17.78 -0.17 0.00	18.66 -0.17 0.00	18.42 -0.17 0.00	17.58 -0.20 0.00	18.55 -0.24 0.00	17.02 -0.23 0.00	18.81 -0.28 0.00	16.38 -0.28 0.00	16.64 -0.30 0.00	16.87 -0.32 0.00	17.02 -0.31 0.00	17.28 -0.30 0.00	19.18 -0.26 0.00	18.08 -0.21 0.00	18.33 -0.20 0.00	19.31 -0.20 0.00	23.60 -0.25 0.00	23.51 -0.23 0.00	24.91 -0.26 0.00	21.23 -0.14 0.00	20.67 -0.17 0.00
YORK___WARBASSE 23770	23.71 1.28 0.00	21.69 1.12 0.00	19.74 0.99 0.00	18.89 0.94 0.00	19.74 0.91 0.00	19.49 0.90 0.00	18.79 1.00 0.00	19.87 1.08 0.00	18.55 1.30 0.00	20.37 1.27 0.00	18.02 1.36 0.00	18.35 1.41 0.00	18.69 1.51 0.00	18.84 1.50 0.00	19.23 1.60 -0.06	21.13 1.70 0.00	20.11 1.65 -0.17	20.17 1.64 0.00	21.21 1.71 0.00	25.88 2.03 0.00	25.59 1.86 0.00	27.03 1.87 0.00	22.87 1.49 0.00	22.22 1.39 0.00