

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

06/04/2023

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	19.39	19.49	18.05	18.19	18.17	15.90	14.33	17.15	18.15	19.18	18.63	19.75	20.14	19.88	18.69	18.84	20.08	24.58	20.26	21.41	21.53	21.43	19.75	18.55
24138	1.16	1.06	0.93	0.95	0.91	0.80	0.75	0.97	1.08	1.31	1.31	1.44	1.48	1.45	1.42	1.40	1.47	1.67	1.28	1.22	1.11	1.09	0.97	0.94
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	19.39	19.49	18.05	18.18	18.17	15.89	14.32	17.14	18.14	19.18	18.63	19.75	20.14	19.88	18.69	18.83	20.08	24.58	20.28	21.43	21.57	21.44	19.76	18.55
24260	1.15	1.05	0.93	0.94	0.91	0.80	0.74	0.96	1.07	1.31	1.31	1.44	1.49	1.45	1.42	1.40	1.47	1.66	1.29	1.25	1.15	1.10	0.98	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	19.39	19.49	18.05	18.18	18.17	15.89	14.32	17.14	18.14	19.18	18.63	19.75	20.14	19.88	18.69	18.83	20.08	24.58	20.28	21.43	21.57	21.44	19.76	18.55
24261	1.15	1.05	0.93	0.94	0.91	0.80	0.74	0.96	1.07	1.31	1.31	1.44	1.49	1.45	1.42	1.40	1.47	1.66	1.29	1.25	1.15	1.10	0.98	0.95
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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 HUDSON___FALLS	19.76	19.87	18.44	18.54	18.56	16.24	14.61	17.40	18.34	19.26	18.69	19.72	20.15	19.69	18.44	18.71	19.99	24.84	20.49	21.76	22.00	21.87	20.12	18.90
24011	1.52	1.44	1.32	1.30	1.29	1.14	1.03	1.22	1.27	1.38	1.36	1.41	1.50	1.26	1.16	1.27	1.39	1.92	1.50	1.58	1.58	1.53	1.35	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	19.93	20.00	18.56	18.66	18.67	16.34	14.72	17.54	18.48	19.41	18.87	19.90	20.33	19.87	18.59	18.86	20.13	25.02	20.63	21.91	22.16	22.02	20.26	19.06
23798	1.70	1.56	1.44	1.42	1.41	1.25	1.15	1.36	1.41	1.53	1.55	1.59	1.68	1.43	1.31	1.43	1.52	2.11	1.65	1.72	1.74	1.68	1.49	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	19.76	19.87	18.44	18.54	18.56	16.24	14.61	17.40	18.34	19.26	18.69	19.72	20.15	19.69	18.44	18.71	19.99	24.84	20.49	21.76	22.00	21.87	20.12	18.90
24028	1.52	1.44	1.32	1.30	1.29	1.14	1.03	1.22	1.27	1.38	1.36	1.41	1.50	1.26	1.16	1.27	1.39	1.92	1.50	1.58	1.58	1.53	1.35	1.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	19.26	19.50	18.11	18.21	18.22	15.95	14.32	17.05	17.96	18.86	18.33	19.42	19.83	19.52	18.29	18.49	19.69	24.18	19.76	20.96	21.21	21.27	19.57	18.38
23527	1.02	1.06	0.99	0.97	0.95	0.85	0.74	0.87	0.89	0.98	1.00	1.11	1.17	1.10	1.01	1.06	1.08	1.26	0.78	0.78	0.79	0.93	0.79	0.77
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.66	18.85	17.50	17.63	17.64	15.40	13.75	16.31	17.19	18.06	17.59	18.62	18.99	18.72	17.56	17.75	18.92	23.28	19.17	20.33	20.53	20.49	18.86	17.73
24190	0.43	0.41	0.38	0.39	0.37	0.30	0.17	0.13	0.12	0.19	0.26	0.31	0.33	0.29	0.28	0.31	0.32	0.36	0.19	0.14	0.11	0.15	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.00	18.22	16.93	17.04	17.09	14.96	13.44	16.07	16.93	17.61	17.04	18.05	18.38	18.18	17.03	17.19	18.35	22.66	18.80	20.06	20.38	20.29	18.75	17.56
355683	-0.24	-0.23	-0.19	-0.20	-0.17	-0.14	-0.13	-0.11	-0.13	-0.26	-0.28	-0.26	-0.27	-0.25	-0.25	-0.24	-0.25	-0.26	-0.19	-0.12	-0.04	-0.05	-0.02	-0.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.66	18.85	17.50	17.63	17.64	15.40	13.75	16.31	17.19	18.06	17.59	18.62	18.99	18.72	17.56	17.75	18.92	23.28	19.17	20.33	20.53	20.49	18.86	17.73
23571	0.43	0.41	0.38	0.39	0.37	0.30	0.17	0.13	0.12	0.19	0.26	0.31	0.33	0.29	0.28	0.31	0.32	0.36	0.19	0.14	0.11	0.15	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.66	18.85	17.50	17.63	17.64	15.40	13.75	16.31	17.19	18.06	17.59	18.62	18.99	18.72	17.56	17.75	18.92	23.28	19.17	20.33	20.53	20.49	18.86	17.73
23572	0.43	0.41	0.38	0.39	0.37	0.30	0.17	0.13	0.12	0.19	0.26	0.31	0.33	0.29	0.28	0.31	0.32	0.36	0.19	0.14	0.11	0.15	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.66	18.85	17.50	17.63	17.64	15.40	13.75	16.31	17.19	18.06	17.59	18.62	18.99	18.72	17.56	17.75	18.92	23.28	19.17	20.33	20.53	20.49	18.86	17.73
23573	0.43	0.41	0.38	0.39	0.37	0.30	0.17	0.13	0.12	0.19	0.26	0.31	0.33	0.29	0.28	0.31	0.32	0.36	0.19	0.14	0.11	0.15	0.08	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	18.66 0.43 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.63 0.39 0.00	17.64 0.37 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.31 0.13 0.00	17.19 0.12 0.00	18.06 0.19 0.00	17.59 0.26 0.00	18.62 0.31 0.00	18.99 0.33 0.00	18.72 0.29 0.00	17.56 0.28 0.00	17.75 0.31 0.00	18.92 0.32 0.00	23.28 0.36 0.00	19.17 0.19 0.00	20.33 0.14 0.00	20.53 0.11 0.00	20.49 0.15 0.00	18.86 0.08 0.00	17.73 0.12 0.00
ALBANY___LFGE 323615	18.83 0.59 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.78 0.54 0.00	17.78 0.52 0.00	15.53 0.43 0.00	13.88 0.30 0.00	16.47 0.29 0.00	17.36 0.29 0.00	18.25 0.37 0.00	17.77 0.44 0.00	18.82 0.50 0.00	19.19 0.54 0.00	18.92 0.49 0.00	17.74 0.47 0.00	17.94 0.51 0.00	19.13 0.53 0.00	23.55 0.63 0.00	19.39 0.40 0.00	20.56 0.37 0.00	20.76 0.34 0.00	20.72 0.38 0.00	19.06 0.29 0.00	17.91 0.30 0.00
ALCOA_PA_115KV_PL-6C 55860	18.13 -0.10 0.00	18.35 -0.09 0.00	17.06 -0.06 0.00	17.18 -0.07 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.05 -0.02 0.00	17.72 -0.16 0.00	17.14 -0.18 0.00	18.15 -0.16 0.00	18.49 -0.17 0.00	18.28 -0.14 0.00	17.13 -0.15 0.00	17.29 -0.15 0.00	18.45 -0.15 0.00	22.80 -0.12 0.00	18.93 -0.05 0.00	20.22 0.03 0.00	20.55 0.13 0.00	20.46 0.11 0.00	18.91 0.14 0.00	17.71 0.11 0.00
ALCOA_RYNLDS___DRP 24188	18.13 -0.10 0.00	18.35 -0.09 0.00	17.06 -0.06 0.00	17.18 -0.07 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.05 -0.02 0.00	17.72 -0.16 0.00	17.14 -0.18 0.00	18.15 -0.16 0.00	18.49 -0.17 0.00	18.28 -0.14 0.00	17.13 -0.15 0.00	17.29 -0.15 0.00	18.45 -0.15 0.00	22.80 -0.12 0.00	18.93 -0.05 0.00	20.22 0.03 0.00	20.55 0.13 0.00	20.46 0.11 0.00	18.91 0.14 0.00	17.71 0.11 0.00
ALCOA___DSASP 323711	18.13 -0.10 0.00	18.35 -0.09 0.00	17.06 -0.06 0.00	17.18 -0.07 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.05 -0.02 0.00	17.72 -0.16 0.00	17.14 -0.18 0.00	18.15 -0.16 0.00	18.49 -0.17 0.00	18.28 -0.14 0.00	17.13 -0.15 0.00	17.29 -0.15 0.00	18.45 -0.15 0.00	22.80 -0.12 0.00	18.93 -0.05 0.00	20.22 0.03 0.00	20.55 0.13 0.00	20.46 0.11 0.00	18.91 0.14 0.00	17.71 0.11 0.00
ALLEGHENY___COGEN 23514	18.47 0.23 0.00	18.74 0.30 0.00	17.40 0.28 0.00	17.45 0.21 0.00	17.58 0.32 0.00	15.43 0.33 0.00	13.97 0.39 0.00	16.46 0.28 0.00	17.23 0.16 0.00	18.02 0.14 0.00	17.35 0.02 0.00	18.10 -0.21 0.00	18.36 -0.29 0.00	18.24 -0.19 0.00	17.10 -0.17 0.00	17.28 -0.16 0.00	18.36 -0.24 0.00	22.72 -0.20 0.00	18.98 -0.01 0.00	20.32 0.14 0.00	21.07 0.64 0.00	19.53 0.75 0.00	18.18 0.75 0.00	18.18 0.58 0.00
ALTAMONT_115KV_TB 2 55880	18.76 0.52 0.00	18.95 0.51 0.00	17.60 0.48 0.00	17.73 0.49 0.00	17.74 0.47 0.00	15.50 0.40 0.00	13.90 0.32 0.00	16.51 0.33 0.00	17.41 0.34 0.00	18.29 0.41 0.00	17.78 0.45 0.00	18.82 0.51 0.00	19.18 0.53 0.00	18.94 0.50 0.00	17.76 0.48 0.00	17.93 0.50 0.00	19.13 0.52 0.00	23.52 0.60 0.00	19.40 0.42 0.00	20.58 0.39 0.00	20.77 0.35 0.00	20.72 0.39 0.00	19.09 0.31 0.00	17.92 0.31 0.00
ALTONA_WT_PWR 323606	18.39 0.15 0.00	18.46 0.03 0.00	17.25 0.13 0.00	17.42 0.17 0.00	17.62 0.35 0.00	15.39 0.30 0.00	13.82 0.24 0.00	16.56 0.38 0.00	17.32 0.25 0.00	17.82 -0.06 0.00	17.26 -0.07 0.00	18.13 -0.18 0.00	18.51 -0.14 0.00	18.37 -0.06 0.00	17.16 -0.11 0.00	17.47 0.03 0.00	18.60 -0.01 0.00	23.25 0.34 0.00	19.24 0.26 0.00	20.68 0.49 0.00	21.26 0.84 0.00	21.04 0.70 0.00	19.57 0.80 0.00	18.33 0.73 0.00
AMERICAN_REF_FUEL 24010	17.67 -0.57 0.00	18.04 -0.40 0.00	16.81 -0.31 0.00	16.79 -0.45 0.00	16.86 -0.40 0.00	14.83 -0.27 0.00	13.46 -0.12 0.00	15.98 -0.20 0.00	16.81 -0.25 0.00	17.56 -0.32 0.00	16.97 -0.36 0.00	17.65 -0.66 0.00	17.88 -0.78 0.00	17.79 -0.64 0.00	16.60 -0.68 0.00	16.77 -0.67 0.00	17.65 -0.95 0.00	21.65 -1.27 0.00	18.19 -0.80 0.00	19.39 -0.80 0.00	19.69 -0.73 0.00	19.61 -0.73 0.00	18.33 -0.45 0.00	17.08 -0.52 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.78 -0.46 0.00	18.16 -0.28 0.00	16.92 -0.20 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.96 -0.14 0.00	13.58 0.01 0.00	16.25 0.07 0.00	17.34 0.27 0.00	18.20 0.32 0.00	17.46 0.13 0.00	18.19 -0.12 0.00	18.46 -0.20 0.00	18.37 -0.06 0.00	17.24 -0.04 0.00	17.44 0.01 0.00	18.52 -0.08 0.00	22.84 -0.08 0.00	19.06 0.08 0.00	20.27 0.08 0.00	20.45 0.03 0.00	20.22 -0.12 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
ARTHUR_KILL_GT_1 23520	19.27 1.04 0.00	19.44 1.00 0.00	17.99 0.87 0.00	18.13 0.89 0.00	18.08 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.01 0.94 0.00	19.01 1.13 0.00	18.46 1.14 0.00	19.58 1.28 0.00	19.98 1.32 0.00	19.71 1.28 0.00	18.55 1.27 0.00	18.67 1.23 0.00	19.92 1.32 0.00	24.38 1.46 0.00	20.12 1.14 0.00	21.28 1.09 0.00	21.41 0.99 0.00	21.29 0.95 0.00	19.61 0.83 0.00	18.41 0.81 0.00
ARTHUR_KILL_2 23512	19.23 0.99 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.09 0.84 0.00	18.04 0.78 0.00	15.78 0.68 0.00	14.23 0.65 0.00	17.03 0.85 0.00	17.98 0.91 0.00	18.97 1.09 0.00	18.43 1.10 0.00	19.54 1.23 0.00	19.94 1.28 0.00	19.67 1.24 0.00	18.51 1.24 0.00	18.63 1.19 0.00	19.88 1.27 0.00	24.33 1.41 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.35 0.93 0.00	21.24 0.90 0.00	19.56 0.79 0.00	18.37 0.76 0.00
ARTHUR_KILL_3 23513	19.23 1.00 0.00	19.32 0.88 0.00	17.88 0.76 0.00	18.03 0.79 0.00	18.01 0.74 0.00	15.41 0.65 0.33	14.18 0.60 0.00	16.99 0.81 0.00	17.97 0.90 0.00	19.01 1.14 0.00	18.47 1.14 0.00	19.55 1.24 0.00	19.94 1.28 0.00	19.68 1.25 0.00	18.52 1.24 0.00	18.65 1.21 0.00	19.88 1.28 0.00	24.34 1.43 0.00	20.09 1.10 0.00	21.22 1.04 0.00	21.34 0.92 0.00	21.23 0.89 0.00	19.57 0.79 0.00	18.39 0.79 0.00
ARTHUR_KILL_COGEN 323718	19.27 1.04 0.00	19.44 1.00 0.00	17.99 0.87 0.00	18.13 0.89 0.00	18.08 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.01 0.94 0.00	19.01 1.13 0.00	18.46 1.14 0.00	19.58 1.28 0.00	19.98 1.32 0.00	19.71 1.28 0.00	18.55 1.27 0.00	18.67 1.23 0.00	19.92 1.32 0.00	24.38 1.46 0.00	20.12 1.14 0.00	21.28 1.09 0.00	21.41 0.99 0.00	21.29 0.95 0.00	19.61 0.83 0.00	18.41 0.81 0.00
ASHOKAN____ 23654	18.95 0.71 0.00	19.09 0.65 0.00	17.71 0.59 0.00	17.84 0.60 0.00	17.84 0.57 0.00	15.59 0.49 0.00	13.98 0.40 0.00	16.61 0.43 0.00	17.49 0.42 0.00	18.33 0.46 0.00	17.96 0.63 0.00	19.07 0.76 0.00	19.41 0.75 0.00	19.10 0.67 0.00	17.92 0.64 0.00	18.11 0.68 0.00	19.38 0.78 0.00	23.83 0.91 0.00	19.74 0.75 0.00	20.97 0.78 0.00	21.16 0.73 0.00	21.05 0.71 0.00	19.33 0.55 0.00	18.08 0.48 0.00

ASTORIA_EAST_ENERGY_CC1 323581	19.20 0.96 0.00	19.30 0.86 0.00	17.90 0.78 0.00	18.02 0.78 0.00	18.04 0.77 0.00	15.77 0.67 0.00	14.21 0.63 0.00	17.01 0.83 0.00	17.98 0.91 0.00	19.02 1.14 0.00	18.42 1.10 0.00	19.56 1.25 0.00	19.95 1.30 0.00	19.70 1.27 0.00	18.55 1.27 0.00	18.65 1.21 0.00	19.89 1.29 0.00	24.32 1.40 0.00	20.08 1.10 0.00	21.23 1.05 0.00	21.35 0.93 0.00	21.27 0.93 0.00	19.57 0.80 0.00	18.39 0.79 0.00
ASTORIA_EAST_ENERGY_CC2 323582	19.20 0.96 0.00	19.30 0.86 0.00	17.90 0.78 0.00	18.02 0.78 0.00	18.04 0.77 0.00	15.77 0.67 0.00	14.21 0.63 0.00	17.01 0.83 0.00	17.98 0.91 0.00	19.02 1.14 0.00	18.42 1.10 0.00	19.56 1.25 0.00	19.95 1.30 0.00	19.70 1.27 0.00	18.55 1.27 0.00	18.65 1.21 0.00	19.89 1.29 0.00	24.32 1.40 0.00	20.08 1.10 0.00	21.23 1.05 0.00	21.35 0.93 0.00	21.27 0.93 0.00	19.57 0.80 0.00	18.39 0.79 0.00
ASTORIA_GT2_1 24094	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT2_2 24095	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT2_3 24096	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT2_4 24097	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT3_1 24098	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT3_2 24099	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT3_3 24100	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT3_4 24101	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT4_1 24102	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT4_2 24103	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT4_3 24104	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT4_4 24105	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.27 0.94 0.00	19.58 0.81 0.00	18.40 0.80 0.00
ASTORIA_GT_1 23523	19.24 1.00 0.00	19.34 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.07 0.80 0.00	15.79 0.70 0.00	14.23 0.65 0.00	17.04 0.86 0.00	18.01 0.95 0.00	19.05 1.18 0.00	18.46 1.13 0.00	19.60 1.29 0.00	19.99 1.34 0.00	19.74 1.31 0.00	18.58 1.31 0.00	18.68 1.25 0.00	19.93 1.33 0.00	24.37 1.45 0.00	20.12 1.14 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.31 0.97 0.00	19.61 0.84 0.00	18.43 0.82 0.00

ASTORIA_GT_10 24110	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.04 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.57 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.47 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
ASTORIA_GT_11 24225	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.04 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.57 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.47 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
ASTORIA_GT_12 24226	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
ASTORIA_GT_13 24227	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
ASTORIA_GT_5 24106	19.24 1.00 0.00	19.34 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.07 0.80 0.00	15.79 0.70 0.00	14.23 0.65 0.00	17.04 0.86 0.00	18.01 0.95 0.00	19.05 1.18 0.00	18.46 1.13 0.00	19.60 1.29 0.00	19.99 1.34 0.00	19.74 1.31 0.00	18.58 1.31 0.00	18.68 1.25 0.00	19.93 1.33 0.00	24.37 1.45 0.00	20.12 1.14 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.31 0.97 0.00	19.61 0.84 0.00	18.43 0.82 0.00
ASTORIA_GT_7 24107	19.24 1.00 0.00	19.34 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.07 0.80 0.00	15.79 0.70 0.00	14.23 0.65 0.00	17.04 0.86 0.00	18.01 0.95 0.00	19.05 1.18 0.00	18.46 1.13 0.00	19.60 1.29 0.00	19.99 1.34 0.00	19.74 1.31 0.00	18.58 1.31 0.00	18.68 1.25 0.00	19.93 1.33 0.00	24.37 1.45 0.00	20.12 1.14 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.31 0.97 0.00	19.61 0.84 0.00	18.43 0.82 0.00
ASTORIA_GT_8 24108	19.24 1.00 0.00	19.34 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.07 0.80 0.00	15.79 0.70 0.00	14.23 0.65 0.00	17.04 0.86 0.00	18.01 0.95 0.00	19.05 1.18 0.00	18.46 1.13 0.00	19.60 1.29 0.00	19.99 1.34 0.00	19.74 1.31 0.00	18.58 1.31 0.00	18.68 1.25 0.00	19.93 1.33 0.00	24.37 1.45 0.00	20.13 1.14 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.31 0.97 0.00	19.61 0.83 0.00	18.43 0.82 0.00
ASTORIA___2 24149	19.21 0.97 0.00	19.31 0.87 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.05 0.78 0.00	15.78 0.68 0.00	14.22 0.64 0.00	17.01 0.83 0.00	17.99 0.92 0.00	19.03 1.15 0.00	18.43 1.10 0.00	19.57 1.26 0.00	19.97 1.31 0.00	19.71 1.28 0.00	18.56 1.28 0.00	18.66 1.22 0.00	19.90 1.30 0.00	24.33 1.42 0.00	20.09 1.11 0.00	21.24 1.06 0.00	21.37 0.95 0.00	21.28 0.94 0.00	19.59 0.81 0.00	18.40 0.80 0.00
ASTORIA___3 23516	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
ASTORIA___4 23517	19.28 1.04 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.04 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.57 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.47 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.43 0.83 0.00
ASTORIA___5 23518	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
AST_ENERGY_2_CC3 323677	19.27 1.03 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.03 0.97 0.00	19.07 1.20 0.00	18.52 1.20 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.33 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.92 1.32 0.00	24.38 1.46 0.00	20.11 1.12 0.00	21.25 1.06 0.00	21.38 0.96 0.00	21.27 0.93 0.00	19.61 0.83 0.00	18.43 0.82 0.00
AST_ENERGY_2_CC4 323678	19.27 1.03 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.03 0.97 0.00	19.07 1.20 0.00	18.52 1.20 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.33 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.92 1.32 0.00	24.38 1.46 0.00	20.11 1.12 0.00	21.25 1.06 0.00	21.38 0.96 0.00	21.27 0.93 0.00	19.61 0.83 0.00	18.43 0.82 0.00
ATHENS_STG_1 23668	18.83 0.60 0.00	19.02 0.58 0.00	17.65 0.53 0.00	17.80 0.56 0.00	17.80 0.53 0.00	15.55 0.45 0.00	13.97 0.39 0.00	16.63 0.44 0.00	17.55 0.48 0.00	18.47 0.59 0.00	17.95 0.62 0.00	19.00 0.69 0.00	19.37 0.72 0.00	19.11 0.68 0.00	17.94 0.66 0.00	18.11 0.67 0.00	19.30 0.70 0.00	23.71 0.80 0.00	19.57 0.58 0.00	20.74 0.55 0.00	20.92 0.50 0.00	20.84 0.50 0.00	19.20 0.43 0.00	18.02 0.42 0.00
ATHENS_STG_2 23670	18.83 0.60 0.00	19.02 0.58 0.00	17.65 0.53 0.00	17.80 0.56 0.00	17.80 0.53 0.00	15.55 0.45 0.00	13.97 0.39 0.00	16.63 0.44 0.00	17.55 0.48 0.00	18.47 0.59 0.00	17.95 0.62 0.00	19.00 0.69 0.00	19.37 0.72 0.00	19.11 0.68 0.00	17.94 0.66 0.00	18.11 0.67 0.00	19.30 0.70 0.00	23.71 0.80 0.00	19.57 0.58 0.00	20.74 0.55 0.00	20.92 0.50 0.00	20.84 0.50 0.00	19.20 0.43 0.00	18.02 0.42 0.00

ATHENS_STG_3 23677	18.83 0.60 0.00	19.02 0.58 0.00	17.65 0.53 0.00	17.80 0.56 0.00	17.80 0.53 0.00	15.55 0.45 0.00	13.97 0.39 0.00	16.63 0.44 0.00	17.55 0.48 0.00	18.47 0.59 0.00	17.95 0.62 0.00	19.00 0.69 0.00	19.37 0.72 0.00	19.11 0.68 0.00	17.94 0.66 0.00	18.11 0.67 0.00	19.30 0.70 0.00	23.71 0.80 0.00	19.57 0.58 0.00	20.74 0.55 0.00	20.92 0.50 0.00	20.84 0.50 0.00	19.20 0.43 0.00	18.02 0.42 0.00
AUBURN___LFGE 323710	18.42 0.18 0.00	18.63 0.18 0.00	17.30 0.18 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.21 0.12 0.00	13.74 0.17 0.00	16.39 0.22 0.00	17.29 0.22 0.00	18.11 0.24 0.00	17.43 0.10 0.00	18.32 0.02 0.00	18.67 0.01 0.00	18.46 0.03 0.00	17.30 0.03 0.00	17.51 0.08 0.00	18.75 0.15 0.00	23.05 0.14 0.00	19.25 0.27 0.00	20.51 0.32 0.00	20.71 0.29 0.00	20.63 0.29 0.00	19.04 0.26 0.00	17.83 0.23 0.00
BABYLON_RES_REC 323704	19.41 1.18 0.00	19.49 1.06 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.14 0.87 0.00	15.88 0.78 0.00	14.34 0.76 0.00	17.17 0.99 0.00	18.15 1.08 0.00	19.26 1.39 0.00	18.66 1.34 0.00	25.35 1.62 -5.42	35.49 1.68 -15.15	64.86 1.65 -44.78	18.86 1.56 -0.02	25.07 1.56 -6.07	22.08 1.67 -1.81	24.71 1.79 0.00	20.39 1.40 0.00	21.66 1.47 0.00	21.78 1.35 -0.02	21.47 1.14 0.00	19.66 0.88 0.00	18.50 0.90 0.00
BABYLON___69_KV_BK2 356345	19.59 1.35 0.00	19.67 1.23 0.00	18.23 1.11 0.00	18.33 1.09 0.00	18.30 1.04 0.00	16.01 0.92 0.00	14.45 0.87 0.00	17.34 1.16 0.00	18.34 1.27 0.00	19.48 1.60 0.00	18.86 1.54 0.00	25.66 1.84 -5.51	35.96 1.91 -15.39	65.82 1.89 -45.50	19.07 1.77 -0.02	25.28 1.76 -6.08	22.29 1.88 -1.81	24.91 1.99 0.00	20.57 1.58 0.00	21.85 1.66 0.00	21.99 1.55 -0.02	21.66 1.32 0.00	19.80 1.03 0.00	18.66 1.06 0.00
BARON_WINDS___WT_PWR 323822	17.79 -0.45 0.00	18.06 -0.38 0.00	16.77 -0.35 0.00	16.89 -0.35 0.00	17.11 -0.15 0.00	14.96 -0.14 0.00	13.59 0.02 0.00	16.30 0.12 0.00	17.25 0.18 0.00	18.07 0.19 0.00	17.31 -0.02 0.00	18.01 -0.30 0.00	18.30 -0.36 0.00	18.16 -0.27 0.00	17.05 -0.23 0.00	17.23 -0.20 0.00	18.35 -0.25 0.00	22.66 -0.26 0.00	18.84 -0.14 0.00	20.07 -0.12 0.00	20.35 -0.07 0.00	20.24 -0.10 0.00	18.80 0.03 0.00	17.60 0.00 0.00
BARRETT_IC_1 23704	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_10 23701	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_11 23702	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_12 23703	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_2 23705	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_3 23706	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_4 23707	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_5 23708	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_6 23709	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_7 23710	19.26 1.03 0.00	19.35 0.90 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.98 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.55 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.47 -9.34	24.50 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00

BARRETT_IC_8 23711	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT_IC_9 23700	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT___1 23545	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BARRETT___2 23546	19.26 1.03 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.02 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.23 0.65 0.00	17.00 0.82 0.00	17.97 0.91 0.00	19.07 1.20 0.00	18.54 1.21 0.00	25.59 1.49 -5.79	38.68 1.54 -18.48	67.77 1.51 -47.83	18.69 1.39 -0.02	46.41 1.42 -27.55	29.42 1.48 -9.34	24.49 1.58 0.00	20.23 1.23 -0.02	21.44 1.25 0.00	21.62 1.13 -0.07	21.30 0.96 0.00	19.57 0.78 -0.01	18.39 0.79 0.00
BATAVIA___115KV_TB1 55881	18.11 -0.13 0.00	18.47 0.04 0.00	17.20 0.08 0.00	17.17 -0.07 0.00	17.26 0.00 0.00	15.16 0.06 0.00	13.75 0.17 0.00	16.30 0.12 0.00	17.13 0.06 0.00	17.85 -0.02 0.00	17.28 -0.05 0.00	17.95 -0.36 0.00	18.19 -0.47 0.00	18.11 -0.32 0.00	16.90 -0.38 0.00	17.10 -0.34 0.00	18.04 -0.56 0.00	22.24 -0.67 0.00	18.79 -0.20 0.00	20.08 -0.11 0.00	20.40 -0.02 0.00	20.32 -0.02 0.00	18.92 0.14 0.00	17.58 -0.02 0.00
BAYONEEC___CTG1 323682	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG10 323750	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG2 323683	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG3 323684	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG4 323685	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG5 323686	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG6 323687	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG7 323688	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG8 323689	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00
BAYONEEC___CTG9 323749	19.28 1.04 0.00	19.38 0.94 0.00	17.94 0.82 0.00	18.08 0.84 0.00	18.06 0.80 0.00	15.46 0.70 0.33	14.23 0.65 0.00	17.03 0.85 0.00	18.02 0.95 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.29 0.95 0.00	19.63 0.85 0.00	18.44 0.83 0.00

BEACON___LESR 323632	18.86 0.62 0.00	19.06 0.62 0.00	17.69 0.57 0.00	17.78 0.54 0.00	17.81 0.55 0.00	15.52 0.42 0.00	13.91 0.33 0.00	16.53 0.35 0.00	17.38 0.32 0.00	18.25 0.37 0.00	17.80 0.48 0.00	18.86 0.55 0.00	19.25 0.59 0.00	18.96 0.53 0.00	17.78 0.51 0.00	18.05 0.61 0.00	19.19 0.58 0.00	23.65 0.73 0.00	19.47 0.48 0.00	20.67 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.11 0.33 0.00	17.94 0.34 0.00
BEAVER RIVER___HYD 24048	18.57 0.33 0.00	18.84 0.40 0.00	17.52 0.39 0.00	17.64 0.40 0.00	17.62 0.36 0.00	15.39 0.29 0.00	13.74 0.16 0.00	16.18 0.00 0.00	17.04 -0.04 0.00	17.55 -0.33 0.00	16.73 -0.59 0.00	17.70 -0.61 0.00	18.01 -0.64 0.00	17.73 -0.70 0.00	16.73 -0.54 0.00	16.83 -0.60 0.00	18.08 -0.52 0.00	22.43 -0.49 0.00	18.70 -0.29 0.00	20.25 0.06 0.00	20.83 0.40 0.00	20.79 0.45 0.00	19.24 0.46 0.00	18.05 0.45 0.00
BEEBEE_GT_13 23619	18.08 -0.15 0.00	18.37 -0.07 0.00	17.07 -0.05 0.00	17.10 -0.14 0.00	17.16 -0.11 0.00	15.05 -0.05 0.00	13.60 0.03 0.00	16.17 -0.01 0.00	17.03 -0.04 0.00	17.85 -0.02 0.00	17.28 -0.05 0.00	18.10 -0.21 0.00	18.38 -0.28 0.00	18.22 -0.21 0.00	17.06 -0.22 0.00	17.23 -0.20 0.00	18.31 -0.30 0.00	22.58 -0.34 0.00	18.89 -0.10 0.00	20.13 -0.06 0.00	20.40 -0.02 0.00	20.32 -0.02 0.00	18.86 0.09 0.00	17.59 -0.02 0.00
BENSHRST_27_KV_BENSHRST_1 355998	19.42 1.18 0.00	19.55 1.11 0.00	18.10 0.98 0.00	18.25 1.01 0.00	18.24 0.98 0.00	15.96 0.86 0.00	14.38 0.81 0.00	17.22 1.04 0.00	18.18 1.12 0.00	19.19 1.31 0.00	18.64 1.32 0.00	19.77 1.46 0.00	20.17 1.52 0.00	19.91 1.48 0.00	18.73 1.45 0.00	18.86 1.42 0.00	20.11 1.51 0.00	24.62 1.70 0.00	20.32 1.33 0.00	21.49 1.30 0.00	21.62 1.20 0.00	21.50 1.16 0.00	19.80 1.02 0.00	18.58 0.98 0.00
BETHLEHEM___GRP 23843	18.66 0.43 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.63 0.39 0.00	17.64 0.37 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.31 0.13 0.00	17.19 0.12 0.00	18.06 0.19 0.00	17.59 0.26 0.00	18.62 0.31 0.00	18.99 0.33 0.00	18.72 0.29 0.00	17.56 0.28 0.00	17.75 0.31 0.00	18.92 0.32 0.00	23.28 0.36 0.00	19.17 0.19 0.00	20.33 0.14 0.00	20.53 0.11 0.00	20.49 0.15 0.00	18.86 0.08 0.00	17.73 0.12 0.00
BETHLEHEM___GS1 323560	18.67 0.43 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.63 0.39 0.00	17.64 0.37 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.30 0.13 0.00	17.19 0.12 0.00	18.06 0.18 0.00	17.59 0.26 0.00	18.62 0.31 0.00	18.99 0.33 0.00	18.72 0.29 0.00	17.55 0.28 0.00	17.75 0.31 0.00	18.92 0.32 0.00	23.28 0.36 0.00	19.17 0.19 0.00	20.33 0.14 0.00	20.53 0.11 0.00	20.49 0.15 0.00	18.86 0.08 0.00	17.72 0.12 0.00
BETHLEHEM___GS2 323561	18.67 0.43 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.63 0.39 0.00	17.64 0.37 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.30 0.13 0.00	17.19 0.12 0.00	18.06 0.18 0.00	17.59 0.26 0.00	18.62 0.31 0.00	18.99 0.33 0.00	18.72 0.29 0.00	17.55 0.28 0.00	17.75 0.31 0.00	18.92 0.32 0.00	23.28 0.36 0.00	19.17 0.19 0.00	20.33 0.14 0.00	20.53 0.11 0.00	20.49 0.15 0.00	18.86 0.08 0.00	17.72 0.12 0.00
BETHLEHEM___GS3 323562	18.67 0.43 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.63 0.39 0.00	17.64 0.37 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.30 0.13 0.00	17.19 0.12 0.00	18.06 0.18 0.00	17.59 0.26 0.00	18.62 0.31 0.00	18.99 0.33 0.00	18.72 0.29 0.00	17.55 0.28 0.00	17.75 0.31 0.00	18.92 0.32 0.00	23.28 0.36 0.00	19.17 0.19 0.00	20.33 0.14 0.00	20.53 0.11 0.00	20.49 0.15 0.00	18.86 0.08 0.00	17.72 0.12 0.00
BETHLEHEM___STEEL 23779	17.94 -0.30 0.00	18.28 -0.16 0.00	17.02 -0.11 0.00	17.02 -0.22 0.00	17.12 -0.14 0.00	15.03 -0.07 0.00	13.65 0.07 0.00	16.26 0.08 0.00	17.17 0.10 0.00	17.98 0.10 0.00	17.36 0.04 0.00	18.07 -0.23 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.38 0.00	22.42 -0.50 0.00	18.78 -0.21 0.00	19.98 -0.21 0.00	20.27 -0.15 0.00	20.18 -0.16 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
BETHLHEM_115KV_TB1 79974	18.69 0.45 0.00	18.88 0.44 0.00	17.53 0.41 0.00	17.66 0.42 0.00	17.66 0.40 0.00	15.42 0.33 0.00	13.78 0.21 0.00	16.35 0.17 0.00	17.24 0.17 0.00	18.12 0.24 0.00	17.63 0.31 0.00	18.67 0.36 0.00	19.04 0.38 0.00	18.77 0.34 0.00	17.60 0.33 0.00	17.80 0.36 0.00	18.97 0.37 0.00	23.35 0.43 0.00	19.23 0.24 0.00	20.39 0.21 0.00	20.59 0.17 0.00	20.55 0.21 0.00	18.91 0.14 0.00	17.77 0.17 0.00
BETHPAGE_CC_5 323564	19.39 1.15 0.00	19.47 1.04 0.00	18.04 0.91 0.00	18.14 0.90 0.00	18.12 0.86 0.00	15.86 0.76 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.14 1.07 0.00	19.24 1.36 0.00	18.65 1.33 0.00	25.17 1.58 -5.27	35.16 1.66 -14.84	63.60 1.62 -43.55	18.83 1.53 -0.02	25.87 1.56 -6.87	22.33 1.64 -2.09	24.70 1.79 0.00	20.37 1.39 0.00	21.62 1.43 0.00	21.75 1.31 -0.02	21.45 1.12 0.00	19.67 0.89 0.00	18.49 0.89 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.98 -0.26 0.00	18.32 -0.12 0.00	17.06 -0.07 0.00	17.06 -0.18 0.00	17.16 -0.10 0.00	15.06 -0.04 0.00	13.68 0.10 0.00	16.29 0.12 0.00	17.21 0.15 0.00	18.03 0.15 0.00	17.42 0.09 0.00	18.13 -0.18 0.00	18.39 -0.27 0.00	18.27 -0.16 0.00	17.10 -0.18 0.00	17.29 -0.15 0.00	18.29 -0.31 0.00	22.51 -0.41 0.00	18.84 -0.14 0.00	20.04 -0.14 0.00	20.32 -0.09 0.00	20.23 -0.10 0.00	18.85 0.08 0.00	17.57 -0.03 0.00
BINGHAMTON___COGEN 23790	18.40 0.16 0.00	18.62 0.18 0.00	17.25 0.13 0.00	17.37 0.13 0.00	17.43 0.17 0.00	15.23 0.14 0.00	13.75 0.17 0.00	16.39 0.21 0.00	17.32 0.25 0.00	18.19 0.31 0.00	17.60 0.27 0.00	18.51 0.20 0.00	18.85 0.19 0.00	18.62 0.19 0.00	17.47 0.19 0.00	17.65 0.21 0.00	18.84 0.24 0.00	23.23 0.32 0.00	19.27 0.28 0.00	20.44 0.26 0.00	20.63 0.21 0.00	20.53 0.19 0.00	18.98 0.20 0.00	17.77 0.17 0.00
BIXINCNT_115KV_LOAD 355685	17.86 -0.38 0.00	18.13 -0.31 0.00	17.00 -0.12 0.00	17.08 -0.16 0.00	17.16 -0.10 0.00	15.05 -0.05 0.00	13.61 0.04 0.00	16.38 0.20 0.00	17.41 0.34 0.00	18.23 0.35 0.00	17.52 0.20 0.00	18.20 -0.11 0.00	18.50 -0.16 0.00	18.34 -0.09 0.00	17.19 -0.09 0.00	17.39 -0.04 0.00	18.45 -0.15 0.00	22.75 -0.17 0.00	18.99 0.01 0.00	20.20 0.01 0.00	20.49 0.07 0.00	20.37 0.04 0.00	18.91 0.13 0.00	17.66 0.06 0.00
BLACK RIVER___HYD 24047	18.67 0.43 0.00	18.94 0.50 0.00	17.62 0.50 0.00	17.74 0.50 0.00	17.70 0.44 0.00	15.46 0.37 0.00	13.77 0.20 0.00	16.14 -0.04 0.00	16.94 -0.13 0.00	17.43 -0.44 0.00	16.59 -0.73 0.00	17.57 -0.74 0.00	17.85 -0.81 0.00	17.54 -0.89 0.00	16.55 -0.72 0.00	16.65 -0.78 0.00	17.89 -0.72 0.00	22.23 -0.69 0.00	18.57 -0.42 0.00	20.20 0.01 0.00	20.89 0.47 0.00	20.89 0.55 0.00	19.33 0.55 0.00	18.13 0.53 0.00

BLACKRVR_115KV_TB2 79977	18.67 0.43 0.00	18.94 0.50 0.00	17.62 0.50 0.00	17.74 0.50 0.00	17.70 0.44 0.00	15.46 0.36 0.00	13.77 0.20 0.00	16.14 -0.04 0.00	16.94 -0.13 0.00	17.43 -0.44 0.00	16.59 -0.73 0.00	17.57 -0.74 0.00	17.85 -0.81 0.00	17.54 -0.89 0.00	16.55 -0.72 0.00	16.65 -0.78 0.00	17.89 -0.72 0.00	22.23 -0.69 0.00	18.57 -0.42 0.00	20.20 0.01 0.00	20.89 0.47 0.00	20.89 0.55 0.00	19.33 0.56 0.00	18.13 0.53 0.00
BLISS_WT_PWR 323608	17.74 -0.50 0.00	18.00 -0.44 0.00	16.92 -0.20 0.00	17.02 -0.22 0.00	17.09 -0.18 0.00	14.99 -0.11 0.00	13.54 -0.03 0.00	16.35 0.17 0.00	17.39 0.33 0.00	18.22 0.34 0.00	17.47 0.14 0.00	18.13 -0.18 0.00	18.45 -0.21 0.00	18.28 -0.15 0.00	17.15 -0.12 0.00	17.35 -0.08 0.00	18.41 -0.19 0.00	22.71 -0.20 0.00	18.95 -0.04 0.00	20.18 -0.01 0.00	20.49 0.07 0.00	20.36 0.02 0.00	18.87 0.09 0.00	17.64 0.03 0.00
BLUE_CIRC_CHEM_DRP 24182	18.86 0.62 0.00	19.08 0.64 0.00	17.72 0.60 0.00	17.86 0.62 0.00	17.87 0.61 0.00	15.61 0.51 0.00	13.97 0.39 0.00	16.58 0.40 0.00	17.45 0.39 0.00	18.32 0.45 0.00	17.82 0.49 0.00	18.87 0.56 0.00	19.23 0.58 0.00	18.97 0.54 0.00	17.79 0.51 0.00	17.98 0.54 0.00	19.18 0.57 0.00	23.61 0.69 0.00	19.46 0.48 0.00	20.65 0.47 0.00	20.86 0.44 0.00	20.81 0.48 0.00	19.17 0.39 0.00	17.99 0.39 0.00
BOC_GAS_DRP 24189	18.74 0.50 0.00	18.93 0.49 0.00	17.58 0.46 0.00	17.72 0.48 0.00	17.72 0.45 0.00	15.48 0.38 0.00	13.88 0.30 0.00	16.49 0.31 0.00	17.40 0.33 0.00	18.28 0.41 0.00	17.78 0.45 0.00	18.82 0.51 0.00	19.18 0.53 0.00	18.92 0.49 0.00	17.75 0.47 0.00	17.93 0.49 0.00	19.12 0.51 0.00	23.50 0.59 0.00	19.38 0.40 0.00	20.55 0.37 0.00	20.75 0.33 0.00	20.69 0.35 0.00	19.06 0.28 0.00	17.90 0.29 0.00
BOONVILLE_115KV_TB1 79983	18.61 0.37 0.00	18.85 0.41 0.00	17.50 0.38 0.00	17.61 0.37 0.00	17.62 0.35 0.00	15.39 0.30 0.00	13.80 0.23 0.00	16.35 0.17 0.00	17.25 0.18 0.00	17.95 0.07 0.00	17.27 -0.06 0.00	18.24 -0.07 0.00	18.58 -0.08 0.00	18.32 -0.11 0.00	17.24 -0.03 0.00	17.37 -0.06 0.00	18.62 0.01 0.00	23.02 0.11 0.00	19.15 0.16 0.00	20.53 0.35 0.00	20.90 0.48 0.00	20.82 0.48 0.00	19.22 0.45 0.00	18.01 0.41 0.00
BORALEX_4TH_BRANCH 23824	19.26 1.02 0.00	19.50 1.06 0.00	18.11 0.99 0.00	18.21 0.97 0.00	18.22 0.95 0.00	15.95 0.85 0.00	14.32 0.74 0.00	17.05 0.87 0.00	17.96 0.89 0.00	18.86 0.98 0.00	18.33 1.00 0.00	19.42 1.11 0.00	19.83 1.17 0.00	19.52 1.10 0.00	18.29 1.01 0.00	18.49 1.06 0.00	19.69 1.08 0.00	24.18 1.26 0.00	19.76 0.78 0.00	20.96 0.78 0.00	21.21 0.79 0.00	21.27 0.93 0.00	19.57 0.79 0.00	18.38 0.77 0.00
BOWLINE___1 23526	19.11 0.88 0.00	19.20 0.76 0.00	17.79 0.67 0.00	17.92 0.69 0.00	17.92 0.65 0.00	15.68 0.58 0.00	14.11 0.53 0.00	16.88 0.70 0.00	17.86 0.80 0.00	18.87 0.99 0.00	18.34 1.01 0.00	19.43 1.12 0.00	19.81 1.16 0.00	19.55 1.12 0.00	18.38 1.10 0.00	18.53 1.10 0.00	19.76 1.16 0.00	24.22 1.31 0.00	20.00 1.02 0.00	21.16 0.97 0.00	21.28 0.86 0.00	21.15 0.81 0.00	19.49 0.71 0.00	18.29 0.69 0.00
BOWLINE___2 23595	19.11 0.88 0.00	19.20 0.76 0.00	17.79 0.67 0.00	17.93 0.69 0.00	17.92 0.65 0.00	15.68 0.58 0.00	14.11 0.53 0.00	16.88 0.70 0.00	17.86 0.80 0.00	18.87 0.99 0.00	18.34 1.01 0.00	19.43 1.12 0.00	19.81 1.16 0.00	19.55 1.12 0.00	18.38 1.10 0.00	18.53 1.10 0.00	19.76 1.16 0.00	24.23 1.31 0.00	20.00 1.02 0.00	21.16 0.97 0.00	21.28 0.86 0.00	21.15 0.81 0.00	19.49 0.71 0.00	18.29 0.69 0.00
BRADY___115KV_TB2 356060	18.29 0.06 0.00	18.51 0.07 0.00	17.21 0.09 0.00	17.32 0.08 0.00	17.37 0.11 0.00	15.21 0.11 0.00	13.65 0.08 0.00	16.27 0.09 0.00	17.14 0.07 0.00	17.80 -0.08 0.00	17.21 -0.12 0.00	18.22 -0.09 0.00	18.56 -0.09 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.37 -0.06 0.00	18.56 -0.05 0.00	22.95 0.03 0.00	19.07 0.09 0.00	20.42 0.24 0.00	20.81 0.39 0.00	20.72 0.38 0.00	19.14 0.36 0.00	17.90 0.29 0.00
BRANSCOMB___SOLAR 323811	19.41 1.17 0.00	19.57 1.14 0.00	18.17 1.05 0.00	18.28 1.04 0.00	18.29 1.03 0.00	16.00 0.90 0.00	14.37 0.79 0.00	17.10 0.92 0.00	18.00 0.93 0.00	18.89 1.02 0.00	18.35 1.02 0.00	19.38 1.07 0.00	19.82 1.17 0.00	19.44 1.01 0.00	18.21 0.93 0.00	18.45 1.01 0.00	19.71 1.11 0.00	24.40 1.48 0.00	20.11 1.12 0.00	21.36 1.17 0.00	21.59 1.17 0.00	21.50 1.16 0.00	19.78 1.00 0.00	18.56 0.96 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	19.53 1.29 0.00	19.60 1.17 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.25 0.99 0.00	15.97 0.88 0.00	14.35 0.78 0.00	17.29 1.11 0.00	18.30 1.23 0.00	19.43 1.55 0.00	18.82 1.49 0.00	25.71 1.80 -5.60	36.04 1.84 -15.54	66.53 1.82 -46.29	19.01 1.71 -0.02	24.28 1.70 -5.14	21.88 1.79 -1.49	24.70 1.79 0.00	20.40 1.41 0.00	21.67 1.48 0.00	21.80 1.36 -0.02	21.49 1.15 0.00	19.64 0.87 0.00	18.59 0.98 0.00
BRISTLHL_115KV_TB1 79998	18.06 -0.18 0.00	18.26 -0.17 0.00	16.95 -0.17 0.00	17.05 -0.19 0.00	17.09 -0.18 0.00	14.95 -0.15 0.00	13.45 -0.12 0.00	16.01 -0.17 0.00	16.89 -0.18 0.00	17.70 -0.18 0.00	17.14 -0.19 0.00	18.06 -0.25 0.00	18.38 -0.28 0.00	18.17 -0.26 0.00	17.03 -0.25 0.00	17.17 -0.27 0.00	18.32 -0.28 0.00	22.59 -0.33 0.00	18.76 -0.22 0.00	19.96 -0.23 0.00	20.20 -0.22 0.00	20.12 -0.22 0.00	18.57 -0.20 0.00	17.42 -0.19 0.00
BROOKHAVEN___DRP 24191	19.41 1.18 0.00	19.49 1.05 0.00	18.09 0.96 0.00	18.18 0.94 0.00	18.14 0.88 0.00	15.90 0.81 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.30 1.24 0.00	19.44 1.56 0.00	18.80 1.48 0.00	25.71 1.76 -5.64	36.08 1.81 -15.62	66.88 1.86 -46.59	18.98 1.69 -0.02	24.00 1.62 -4.95	21.65 1.63 -1.42	24.56 1.64 0.00	20.32 1.33 0.00	21.67 1.48 0.00	21.77 1.34 -0.02	21.35 1.01 0.00	19.50 0.72 0.00	18.36 0.76 0.00
BROOKLYN_NAVY_YARD 23515	19.24 1.01 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.06 0.82 0.00	18.05 0.79 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	18.01 0.94 0.00	19.03 1.15 0.00	18.47 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.70 1.27 0.00	18.53 1.26 0.00	18.67 1.23 0.00	19.90 1.30 0.00	24.36 1.44 0.00	20.09 1.11 0.00	21.24 1.05 0.00	21.36 0.94 0.00	21.26 0.92 0.00	19.61 0.83 0.00	18.41 0.81 0.00
BROOKLYN___ARMY_DRP 323595	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00



BROOKVLE_69_KV_TB1 55790	19.40 1.16 0.00	19.49 1.05 0.00	18.05 0.93 0.00	18.17 0.93 0.00	18.15 0.89 0.00	15.88 0.79 0.00	14.33 0.75 0.00	17.15 0.96 0.00	18.14 1.08 0.00	19.23 1.35 0.00	18.65 1.33 0.00	24.06 1.55 -4.20	32.49 1.60 -12.23	54.73 1.55 -34.75	18.76 1.47 -0.01	27.98 1.51 -9.04	23.01 1.58 -2.83	24.69 1.77 0.00	20.35 1.36 0.00	21.56 1.37 0.00	21.71 1.27 -0.03	21.48 1.14 0.00	19.73 0.96 0.00	18.54 0.93 0.00
BROOME_2_LFGE 323671	18.40 0.16 0.00	18.62 0.18 0.00	17.25 0.13 0.00	17.37 0.13 0.00	17.43 0.17 0.00	15.23 0.14 0.00	13.75 0.17 0.00	16.39 0.21 0.00	17.32 0.25 0.00	18.19 0.31 0.00	17.60 0.27 0.00	18.51 0.20 0.00	18.85 0.19 0.00	18.62 0.19 0.00	17.47 0.19 0.00	17.65 0.21 0.00	18.84 0.23 0.00	23.23 0.32 0.00	19.27 0.28 0.00	20.44 0.26 0.00	20.63 0.21 0.00	20.53 0.19 0.00	18.97 0.20 0.00	17.77 0.17 0.00
BROOME__LFGE 323600	18.40 0.16 0.00	18.62 0.18 0.00	17.25 0.13 0.00	17.37 0.13 0.00	17.43 0.17 0.00	15.23 0.14 0.00	13.75 0.17 0.00	16.39 0.21 0.00	17.32 0.25 0.00	18.19 0.31 0.00	17.60 0.27 0.00	18.51 0.20 0.00	18.85 0.19 0.00	18.62 0.19 0.00	17.47 0.19 0.00	17.65 0.21 0.00	18.84 0.23 0.00	23.23 0.32 0.00	19.27 0.28 0.00	20.44 0.26 0.00	20.63 0.21 0.00	20.53 0.19 0.00	18.97 0.20 0.00	17.77 0.17 0.00
BROWNFLS_115KV_TB_3_5 80003	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.59 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.34 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
BROWNSV1_27_KV_LOAD 356125	19.44 1.20 0.00	19.54 1.10 0.00	18.09 0.97 0.00	18.22 0.98 0.00	18.20 0.94 0.00	15.92 0.82 0.00	14.34 0.76 0.00	17.17 0.99 0.00	18.17 1.11 0.00	19.22 1.35 0.00	18.67 1.35 0.00	19.79 1.48 0.00	20.19 1.53 0.00	19.92 1.49 0.00	18.74 1.46 0.00	18.88 1.45 0.00	20.12 1.51 0.00	24.63 1.72 0.00	20.32 1.33 0.00	21.48 1.29 0.00	21.61 1.19 0.00	21.50 1.16 0.00	19.81 1.04 0.00	18.60 0.99 0.00
BURROWS__LYONSDAL 23803	18.60 0.36 0.00	18.85 0.41 0.00	17.51 0.39 0.00	17.62 0.39 0.00	17.63 0.36 0.00	15.40 0.30 0.00	13.78 0.20 0.00	16.30 0.12 0.00	17.20 0.13 0.00	17.85 -0.03 0.00	17.12 -0.20 0.00	18.09 -0.22 0.00	18.42 -0.23 0.00	18.16 -0.27 0.00	17.11 -0.17 0.00	17.23 -0.21 0.00	18.48 -0.13 0.00	22.86 -0.05 0.00	19.02 0.04 0.00	20.45 0.26 0.00	20.87 0.45 0.00	20.81 0.47 0.00	19.23 0.45 0.00	18.02 0.42 0.00
CAITHNESS_CC_1 323624	19.39 1.15 0.00	19.47 1.03 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.12 0.85 0.00	15.88 0.78 0.00	14.42 0.85 0.00	17.28 1.10 0.00	18.26 1.19 0.00	19.38 1.50 0.00	18.76 1.44 0.00	25.67 1.72 -5.64	36.04 1.76 -15.62	66.82 1.80 -46.60	18.94 1.64 -0.02	23.97 1.59 -4.94	21.64 1.62 -1.42	24.55 1.63 0.00	20.30 1.32 0.00	21.64 1.45 0.00	21.74 1.31 -0.02	21.35 1.01 0.00	19.51 0.73 0.00	18.37 0.77 0.00
CALPINE BETH_PAGE_GT4 24209	19.37 1.14 0.00	19.45 1.01 0.00	18.02 0.90 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.31 0.73 0.00	17.13 0.95 0.00	18.12 1.05 0.00	19.22 1.35 0.00	18.64 1.31 0.00	24.98 1.57 -5.11	34.79 1.64 -14.49	62.21 1.60 -42.18	18.80 1.51 -0.02	26.69 1.54 -7.71	22.60 1.62 -2.38	24.69 1.77 0.00	20.36 1.37 0.00	21.59 1.41 0.00	21.73 1.29 -0.02	21.44 1.10 0.00	19.66 0.88 0.00	18.48 0.88 0.00
CALPINE_BETH_PAGE_GT_4 323586	19.37 1.14 0.00	19.46 1.02 0.00	18.02 0.90 0.00	18.13 0.89 0.00	18.10 0.84 0.00	15.85 0.75 0.00	14.31 0.73 0.00	17.13 0.95 0.00	18.12 1.05 0.00	19.22 1.34 0.00	18.64 1.31 0.00	24.98 1.57 -5.11	34.79 1.64 -14.49	62.21 1.60 -42.18	18.80 1.51 -0.02	26.69 1.54 -7.71	22.60 1.62 -2.38	24.69 1.77 0.00	20.36 1.37 0.00	21.59 1.41 0.00	21.73 1.29 -0.02	21.44 1.10 0.00	19.66 0.88 0.00	18.48 0.88 0.00
CALPINE_BP_GT1 23823	19.37 1.14 0.00	19.46 1.02 0.00	18.02 0.90 0.00	18.13 0.89 0.00	18.10 0.84 0.00	15.85 0.75 0.00	14.31 0.73 0.00	17.13 0.95 0.00	18.12 1.05 0.00	19.22 1.34 0.00	18.64 1.31 0.00	24.98 1.57 -5.11	34.79 1.64 -14.49	62.21 1.60 -42.18	18.80 1.51 -0.02	26.69 1.54 -7.71	22.60 1.62 -2.38	24.69 1.77 0.00	20.36 1.37 0.00	21.59 1.41 0.00	21.73 1.29 -0.02	21.44 1.10 0.00	19.66 0.88 0.00	18.48 0.88 0.00
CALSPAN__DRP 24200	17.94 -0.30 0.00	18.28 -0.16 0.00	17.02 -0.11 0.00	17.02 -0.22 0.00	17.12 -0.14 0.00	15.03 -0.07 0.00	13.65 0.07 0.00	16.26 0.08 0.00	17.17 0.10 0.00	17.98 0.10 0.00	17.36 0.04 0.00	18.07 -0.23 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.38 0.00	22.42 -0.50 0.00	18.78 -0.21 0.00	19.98 -0.21 0.00	20.27 -0.15 0.00	20.18 -0.16 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
CALVERTON__SOLAR 323806	19.45 1.22 0.00	19.54 1.10 0.00	18.12 1.00 0.00	18.22 0.98 0.00	18.18 0.92 0.00	15.94 0.84 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.50 1.63 0.00	18.86 1.53 0.00	25.78 1.82 -5.64	36.14 1.87 -15.62	66.96 1.94 -46.59	19.03 1.73 -0.02	24.05 1.67 -4.95	21.70 1.67 -1.42	24.60 1.68 0.00	20.36 1.37 0.00	21.73 1.54 0.00	21.83 1.39 -0.02	21.37 1.03 0.00	19.52 0.75 0.00	18.38 0.78 0.00
CANDIGU_WT_PWR 323617	17.79 -0.45 0.00	18.06 -0.38 0.00	16.77 -0.35 0.00	16.89 -0.35 0.00	17.11 -0.15 0.00	14.96 -0.14 0.00	13.59 0.02 0.00	16.30 0.12 0.00	17.25 0.18 0.00	18.07 0.19 0.00	17.31 -0.02 0.00	18.01 -0.30 0.00	18.30 -0.36 0.00	18.16 -0.27 0.00	17.05 -0.23 0.00	17.23 -0.20 0.00	18.35 -0.25 0.00	22.66 -0.26 0.00	18.84 -0.14 0.00	20.07 -0.12 0.00	20.35 -0.07 0.00	20.24 -0.10 0.00	18.80 0.03 0.00	17.60 0.00 0.00
CARR STREET_E_SYR 24060	18.13 -0.11 0.00	18.33 -0.11 0.00	17.01 -0.11 0.00	17.11 -0.13 0.00	17.15 -0.12 0.00	14.99 -0.10 0.00	13.50 -0.07 0.00	16.08 -0.10 0.00	16.97 -0.10 0.00	17.79 -0.09 0.00	17.23 -0.10 0.00	18.16 -0.16 0.00	18.48 -0.17 0.00	18.28 -0.15 0.00	17.13 -0.14 0.00	17.29 -0.15 0.00	18.44 -0.16 0.00	22.75 -0.17 0.00	18.90 -0.09 0.00	20.09 -0.10 0.00	20.31 -0.11 0.00	20.23 -0.11 0.00	18.68 -0.09 0.00	17.51 -0.10 0.00
CARTHAGE__PAPER 23857	18.68 0.45 0.00	18.95 0.52 0.00	17.63 0.51 0.00	17.75 0.51 0.00	17.73 0.47 0.00	15.49 0.39 0.00	13.81 0.23 0.00	16.22 0.04 0.00	17.03 -0.04 0.00	17.51 -0.37 0.00	16.67 -0.66 0.00	17.64 -0.66 0.00	17.94 -0.71 0.00	17.64 -0.78 0.00	16.65 -0.62 0.00	16.75 -0.68 0.00	18.00 -0.60 0.00	22.36 -0.56 0.00	18.69 -0.30 0.00	20.31 0.12 0.00	20.95 0.53 0.00	20.94 0.60 0.00	19.37 0.60 0.00	18.16 0.56 0.00

CASSADAGA_WT_PWR 323784	17.85 -0.39 0.00	18.27 -0.17 0.00	17.02 -0.10 0.00	17.01 -0.23 0.00	17.09 -0.18 0.00	15.04 -0.06 0.00	13.68 0.10 0.00	16.37 0.19 0.00	17.49 0.43 0.00	18.34 0.46 0.00	17.60 0.27 0.00	18.30 -0.01 0.00	18.57 -0.09 0.00	18.49 0.06 0.00	17.36 0.08 0.00	17.58 0.14 0.00	18.67 0.07 0.00	23.05 0.13 0.00	19.21 0.22 0.00	20.41 0.22 0.00	20.57 0.15 0.00	20.30 -0.04 0.00	18.90 0.13 0.00	17.62 0.02 0.00
CE_DUNWOOD___DRP 24194	19.21 0.97 0.00	19.31 0.87 0.00	17.89 0.77 0.00	18.02 0.78 0.00	18.01 0.74 0.00	15.76 0.66 0.00	14.19 0.61 0.00	16.97 0.79 0.00	17.95 0.89 0.00	18.97 1.10 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.93 1.27 0.00	19.66 1.23 0.00	18.49 1.21 0.00	18.64 1.20 0.00	19.86 1.26 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.37 0.95 0.00	21.25 0.91 0.00	19.57 0.79 0.00	18.38 0.77 0.00
CE_MILLWOOD___DRP 24193	19.18 0.94 0.00	19.28 0.84 0.00	17.87 0.74 0.00	17.99 0.75 0.00	17.98 0.72 0.00	15.73 0.64 0.00	14.17 0.59 0.00	16.94 0.76 0.00	17.93 0.86 0.00	18.94 1.06 0.00	18.40 1.08 0.00	19.50 1.19 0.00	19.89 1.23 0.00	19.62 1.19 0.00	18.45 1.17 0.00	18.60 1.17 0.00	19.82 1.22 0.00	24.30 1.38 0.00	20.05 1.06 0.00	21.20 1.02 0.00	21.33 0.91 0.00	21.21 0.87 0.00	19.54 0.77 0.00	18.34 0.74 0.00
CE_NYC2_DRP 24202	19.30 1.06 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.87 0.00	18.09 0.83 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.05 0.98 0.00	19.07 1.19 0.00	18.50 1.17 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.75 1.32 0.00	18.58 1.30 0.00	18.71 1.27 0.00	19.95 1.34 0.00	24.42 1.50 0.00	20.15 1.16 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.31 0.97 0.00	19.64 0.87 0.00	18.45 0.84 0.00
CE_NYC_DRP 24195	19.30 1.06 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.25 0.68 0.00	17.06 0.88 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.65 1.34 0.00	20.04 1.38 0.00	19.78 1.35 0.00	18.60 1.32 0.00	18.74 1.30 0.00	19.97 1.37 0.00	24.44 1.53 0.00	20.16 1.17 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.32 0.98 0.00	19.65 0.87 0.00	18.46 0.86 0.00
CHAFFEE___LFGE 323603	17.94 -0.29 0.00	18.28 -0.16 0.00	17.03 -0.09 0.00	17.04 -0.20 0.00	17.14 -0.12 0.00	15.05 -0.05 0.00	13.65 0.08 0.00	16.29 0.11 0.00	17.22 0.15 0.00	18.04 0.16 0.00	17.41 0.08 0.00	18.11 -0.19 0.00	18.38 -0.28 0.00	18.25 -0.18 0.00	17.09 -0.19 0.00	17.28 -0.16 0.00	18.28 -0.32 0.00	22.51 -0.41 0.00	18.85 -0.14 0.00	20.06 -0.13 0.00	20.36 -0.06 0.00	20.27 -0.07 0.00	18.87 0.09 0.00	17.58 -0.03 0.00
CHATEAUG_35_KV_LOAD 355732	18.27 0.03 0.00	18.37 -0.07 0.00	17.16 0.04 0.00	17.33 0.09 0.00	17.52 0.25 0.00	15.31 0.21 0.00	13.75 0.17 0.00	16.48 0.30 0.00	17.23 0.16 0.00	17.72 -0.16 0.00	17.16 -0.17 0.00	18.05 -0.26 0.00	18.42 -0.23 0.00	18.27 -0.15 0.00	17.09 -0.19 0.00	17.37 -0.07 0.00	18.51 -0.09 0.00	23.07 0.16 0.00	19.13 0.15 0.00	20.56 0.37 0.00	21.11 0.69 0.00	20.92 0.58 0.00	19.43 0.65 0.00	18.20 0.60 0.00
CHATEAUG_WT_PWR 323614	18.30 0.06 0.00	18.39 -0.05 0.00	17.17 0.06 0.00	17.34 0.10 0.00	17.54 0.28 0.00	15.33 0.23 0.00	13.76 0.19 0.00	16.49 0.31 0.00	17.23 0.16 0.00	17.74 -0.14 0.00	17.18 -0.14 0.00	18.06 -0.25 0.00	18.43 -0.22 0.00	18.29 -0.14 0.00	17.10 -0.18 0.00	17.39 -0.04 0.00	18.52 -0.09 0.00	23.12 0.20 0.00	19.15 0.17 0.00	20.57 0.39 0.00	21.13 0.71 0.00	20.93 0.59 0.00	19.45 0.67 0.00	18.22 0.62 0.00
CHAT_HIGH_FALL_HYD 323578	18.27 0.03 0.00	18.37 -0.07 0.00	17.16 0.04 0.00	17.32 0.09 0.00	17.52 0.25 0.00	15.31 0.21 0.00	13.75 0.17 0.00	16.48 0.30 0.00	17.23 0.16 0.00	17.72 -0.16 0.00	17.16 -0.17 0.00	18.05 -0.26 0.00	18.42 -0.24 0.00	18.27 -0.15 0.00	17.09 -0.19 0.00	17.37 -0.07 0.00	18.51 -0.09 0.00	23.08 0.16 0.00	19.13 0.15 0.00	20.56 0.37 0.00	21.11 0.69 0.00	20.92 0.58 0.00	19.43 0.65 0.00	18.20 0.60 0.00
CHAUTAUQUA___LFGE 323629	17.96 -0.27 0.00	18.32 -0.12 0.00	17.04 -0.07 0.00	17.05 -0.19 0.00	17.14 -0.12 0.00	15.07 -0.03 0.00	13.68 0.11 0.00	16.35 0.17 0.00	17.37 0.30 0.00	18.23 0.35 0.00	17.55 0.22 0.00	18.28 -0.03 0.00	18.56 -0.10 0.00	18.44 0.01 0.00	17.28 0.01 0.00	17.49 0.05 0.00	18.56 -0.04 0.00	22.87 -0.04 0.00	19.09 0.11 0.00	20.28 0.09 0.00	20.48 0.05 0.00	20.30 -0.04 0.00	18.90 0.12 0.00	17.63 0.02 0.00
CHERRYST_13_KV_LD 356241	19.35 1.11 0.00	19.45 1.01 0.00	18.01 0.89 0.00	18.15 0.91 0.00	18.13 0.86 0.00	15.86 0.76 0.00	14.28 0.71 0.00	17.11 0.93 0.00	18.10 1.03 0.00	19.14 1.26 0.00	18.59 1.27 0.00	19.69 1.39 0.00	20.09 1.43 0.00	19.83 1.40 0.00	18.65 1.37 0.00	18.79 1.35 0.00	20.01 1.42 0.00	24.50 1.59 0.00	20.21 1.23 0.00	21.36 1.17 0.00	21.49 1.07 0.00	21.38 1.04 0.00	19.70 0.93 0.00	18.50 0.90 0.00
CHESTROR_138KV_BK263 355645	19.00 0.76 0.00	19.12 0.68 0.00	17.71 0.60 0.00	17.85 0.61 0.00	17.84 0.58 0.00	15.61 0.51 0.00	14.05 0.47 0.00	16.79 0.61 0.00	17.75 0.68 0.00	18.72 0.84 0.00	18.18 0.85 0.00	19.26 0.95 0.00	19.64 0.98 0.00	19.39 0.96 0.00	18.22 0.94 0.00	18.37 0.94 0.00	19.60 1.00 0.00	24.05 1.13 0.00	19.87 0.88 0.00	21.03 0.85 0.00	21.18 0.75 0.00	21.05 0.71 0.00	19.40 0.62 0.00	18.21 0.60 0.00
CH_MIDHUDSON___DRP 24192	19.18 0.94 0.00	19.30 0.86 0.00	17.89 0.77 0.00	18.02 0.77 0.00	18.01 0.75 0.00	15.76 0.66 0.00	14.18 0.61 0.00	16.94 0.76 0.00	17.91 0.85 0.00	18.90 1.02 0.00	18.39 1.06 0.00	19.49 1.18 0.00	19.88 1.22 0.00	19.60 1.17 0.00	18.42 1.15 0.00	18.59 1.15 0.00	19.80 1.20 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.21 1.02 0.00	21.35 0.93 0.00	21.24 0.90 0.00	19.56 0.78 0.00	18.36 0.75 0.00
CH_MISC_IPPS 23765	19.26 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.46 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
CH_RES_BVR_FALLS 23983	17.89 -0.35 0.00	18.13 -0.31 0.00	16.92 -0.20 0.00	17.05 -0.19 0.00	17.09 -0.17 0.00	14.93 -0.16 0.00	13.34 -0.23 0.00	15.94 -0.24 0.00	16.83 -0.23 0.00	17.51 -0.36 0.00	16.88 -0.45 0.00	17.86 -0.45 0.00	18.17 -0.49 0.00	17.96 -0.47 0.00	16.87 -0.41 0.00	17.02 -0.42 0.00	18.18 -0.42 0.00	22.43 -0.48 0.00	18.60 -0.39 0.00	19.85 -0.34 0.00	20.18 -0.24 0.00	20.11 -0.23 0.00	18.59 -0.19 0.00	17.44 -0.16 0.00

CH_RES_NIAGARA 23895	17.43 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.38 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.91 0.00	17.65 -0.78 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.68 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.44 0.00	17.16 -0.44 0.00
CH_RES_SYRACUSE 23985	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.23 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
CLINTON_WT_PWR 323605	18.30 0.06 0.00	18.39 -0.05 0.00	17.17 0.06 0.00	17.34 0.10 0.00	17.54 0.28 0.00	15.33 0.23 0.00	13.76 0.19 0.00	16.49 0.31 0.00	17.23 0.16 0.00	17.74 -0.14 0.00	17.18 -0.14 0.00	18.06 -0.25 0.00	18.43 -0.22 0.00	18.29 -0.14 0.00	17.10 -0.18 0.00	17.39 -0.04 0.00	18.52 -0.09 0.00	23.12 0.20 0.00	19.15 0.17 0.00	20.57 0.39 0.00	21.13 0.71 0.00	20.93 0.59 0.00	19.45 0.67 0.00	18.22 0.62 0.00
CLINTON___LFGE 323618	18.52 0.29 0.00	18.59 0.16 0.00	17.36 0.24 0.00	17.52 0.28 0.00	17.72 0.46 0.00	15.49 0.39 0.00	13.91 0.33 0.00	16.67 0.49 0.00	17.43 0.36 0.00	17.96 0.08 0.00	17.37 0.05 0.00	18.25 -0.06 0.00	18.64 -0.02 0.00	18.49 0.06 0.00	17.28 0.00 0.00	17.59 0.16 0.00	18.73 0.13 0.00	23.45 0.53 0.00	19.42 0.43 0.00	20.86 0.68 0.00	21.47 1.05 0.00	21.23 0.89 0.00	19.74 0.97 0.00	18.47 0.87 0.00
COBBLENY_34_KV_TB1 80064	17.94 -0.29 0.00	18.28 -0.16 0.00	17.03 -0.09 0.00	17.04 -0.20 0.00	17.14 -0.12 0.00	15.05 -0.05 0.00	13.65 0.08 0.00	16.29 0.11 0.00	17.22 0.15 0.00	18.04 0.16 0.00	17.41 0.08 0.00	18.11 -0.19 0.00	18.37 -0.28 0.00	18.25 -0.18 0.00	17.09 -0.19 0.00	17.28 -0.16 0.00	18.28 -0.32 0.00	22.50 -0.41 0.00	18.85 -0.14 0.00	20.06 -0.13 0.00	20.36 -0.06 0.00	20.27 -0.07 0.00	18.87 0.09 0.00	17.58 -0.02 0.00
COFFEEN___115KV_TB3 355620	18.78 0.54 0.00	19.04 0.60 0.00	17.71 0.59 0.00	17.83 0.59 0.00	17.80 0.53 0.00	15.55 0.46 0.00	13.86 0.28 0.00	16.21 0.03 0.00	16.97 -0.10 0.00	17.45 -0.42 0.00	16.62 -0.70 0.00	17.60 -0.72 0.00	17.88 -0.78 0.00	17.57 -0.86 0.00	16.58 -0.70 0.00	16.68 -0.75 0.00	17.92 -0.68 0.00	22.28 -0.63 0.00	18.63 -0.36 0.00	20.30 0.11 0.00	21.02 0.60 0.00	21.04 0.70 0.00	19.47 0.69 0.00	18.24 0.64 0.00
COLDSPRG_115KV_BK1 355956	18.33 0.09 0.00	18.67 0.23 0.00	17.36 0.24 0.00	17.38 0.14 0.00	17.47 0.21 0.00	15.34 0.25 0.00	13.92 0.35 0.00	16.66 0.48 0.00	17.73 0.66 0.00	18.62 0.74 0.00	17.95 0.62 0.00	18.67 0.37 0.00	18.93 0.28 0.00	18.79 0.36 0.00	17.61 0.33 0.00	17.84 0.40 0.00	18.96 0.36 0.00	23.38 0.46 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.82 0.40 0.00	20.65 0.30 0.00	19.22 0.45 0.00	17.91 0.30 0.00
COLONIE_LFGE___ 323577	19.08 0.84 0.00	19.27 0.83 0.00	17.89 0.77 0.00	18.01 0.77 0.00	18.02 0.75 0.00	15.76 0.66 0.00	14.14 0.56 0.00	16.81 0.63 0.00	17.72 0.65 0.00	18.61 0.74 0.00	18.10 0.77 0.00	19.16 0.85 0.00	19.55 0.89 0.00	19.25 0.82 0.00	18.04 0.76 0.00	18.25 0.81 0.00	19.46 0.85 0.00	23.96 1.04 0.00	19.70 0.72 0.00	20.91 0.72 0.00	21.12 0.70 0.00	21.09 0.76 0.00	19.41 0.63 0.00	18.21 0.61 0.00
COOPERNY_115KV_TB1 80082	18.79 0.55 0.00	18.94 0.50 0.00	17.55 0.43 0.00	17.68 0.44 0.00	17.69 0.42 0.00	15.47 0.38 0.00	13.92 0.34 0.00	16.63 0.45 0.00	17.57 0.50 0.00	18.50 0.63 0.00	17.96 0.63 0.00	19.00 0.69 0.00	19.37 0.72 0.00	19.13 0.70 0.00	17.97 0.69 0.00	18.13 0.69 0.00	19.34 0.74 0.00	23.74 0.83 0.00	19.64 0.65 0.00	20.80 0.62 0.00	20.97 0.55 0.00	20.85 0.51 0.00	19.23 0.45 0.00	18.04 0.44 0.00
COPENHAGEN_WT_PWR 323753	18.56 0.31 0.00	18.83 0.40 0.00	17.54 0.43 0.00	17.66 0.42 0.00	17.61 0.34 0.00	15.38 0.28 0.00	13.68 0.10 0.00	16.02 -0.16 0.00	16.86 -0.21 0.00	17.34 -0.54 0.00	16.48 -0.85 0.00	17.46 -0.85 0.00	17.72 -0.93 0.00	17.42 -1.01 0.00	16.44 -0.83 0.00	16.53 -0.91 0.00	17.75 -0.85 0.00	22.05 -0.86 0.00	18.40 -0.59 0.00	20.01 -0.17 0.00	20.73 0.31 0.00	20.72 0.39 0.00	19.19 0.41 0.00	18.02 0.42 0.00
CORNELL___ 23752	18.56 0.32 0.00	18.77 0.33 0.00	17.39 0.27 0.00	17.50 0.26 0.00	17.55 0.29 0.00	15.34 0.24 0.00	13.83 0.26 0.00	16.47 0.29 0.00	17.35 0.28 0.00	18.15 0.27 0.00	17.51 0.19 0.00	18.42 0.11 0.00	18.76 0.10 0.00	18.54 0.11 0.00	17.39 0.11 0.00	17.57 0.13 0.00	18.80 0.20 0.00	23.24 0.32 0.00	19.38 0.40 0.00	20.66 0.47 0.00	20.90 0.47 0.00	20.80 0.46 0.00	19.18 0.40 0.00	17.94 0.34 0.00
CORONAAV_69_KV_TB1 355595	19.40 1.16 0.00	19.48 1.04 0.00	18.05 0.93 0.00	18.16 0.92 0.00	18.14 0.87 0.00	15.87 0.77 0.00	14.33 0.75 0.00	17.14 0.96 0.00	18.13 1.06 0.00	19.22 1.34 0.00	18.66 1.33 0.00	25.15 1.59 -5.26	36.59 1.64 -16.29	63.48 1.59 -43.46	18.79 1.50 -0.01	39.51 1.55 -20.53	27.02 1.61 -6.80	24.71 1.79 0.00	20.38 1.38 -0.01	21.60 1.41 0.00	21.77 1.29 -0.06	21.48 1.14 0.00	19.73 0.95 -0.01	18.54 0.94 0.00
CORTLAND_115KV_TB3 80093	18.44 0.20 0.00	18.64 0.21 0.00	17.29 0.17 0.00	17.40 0.15 0.00	17.44 0.18 0.00	15.24 0.14 0.00	13.74 0.16 0.00	16.36 0.18 0.00	17.25 0.18 0.00	18.06 0.19 0.00	17.47 0.14 0.00	18.40 0.09 0.00	18.74 0.08 0.00	18.52 0.08 0.00	17.36 0.09 0.00	17.54 0.10 0.00	18.73 0.13 0.00	23.14 0.22 0.00	19.23 0.25 0.00	20.47 0.28 0.00	20.70 0.28 0.00	20.61 0.27 0.00	19.02 0.24 0.00	17.81 0.21 0.00
COXSACKIE___GT 23611	19.41 1.18 0.00	19.62 1.18 0.00	18.22 1.10 0.00	18.35 1.11 0.00	18.35 1.09 0.00	16.03 0.93 0.00	14.32 0.74 0.00	16.92 0.74 0.00	17.70 0.63 0.00	18.47 0.59 0.00	18.01 0.68 0.00	19.08 0.77 0.00	19.41 0.75 0.00	19.15 0.72 0.00	17.94 0.67 0.00	18.24 0.80 0.00	19.57 0.96 0.00	24.12 1.21 0.00	20.04 1.06 0.00	21.35 1.16 0.00	21.64 1.22 0.00	21.60 1.26 0.00	19.79 1.01 0.00	18.50 0.90 0.00
CPV_VALLEY___CC1 323721	18.87 0.63 0.00	18.99 0.55 0.00	17.60 0.48 0.00	17.73 0.49 0.00	17.73 0.46 0.00	15.51 0.41 0.00	13.96 0.38 0.00	16.67 0.49 0.00	17.63 0.56 0.00	18.59 0.71 0.00	18.06 0.73 0.00	19.12 0.81 0.00	19.51 0.85 0.00	19.25 0.82 0.00	18.09 0.81 0.00	18.24 0.80 0.00	19.46 0.86 0.00	23.86 0.94 0.00	19.71 0.72 0.00	20.86 0.68 0.00	21.01 0.59 0.00	20.89 0.55 0.00	19.27 0.49 0.00	18.08 0.48 0.00

CPV_VALLEY___CC2 323722	18.87 0.63 0.00	18.99 0.55 0.00	17.60 0.48 0.00	17.73 0.49 0.00	17.73 0.46 0.00	15.51 0.41 0.00	13.96 0.38 0.00	16.67 0.49 0.00	17.63 0.56 0.00	18.59 0.71 0.00	18.06 0.73 0.00	19.12 0.81 0.00	19.51 0.85 0.00	19.25 0.82 0.00	18.09 0.81 0.00	18.24 0.80 0.00	19.46 0.86 0.00	23.86 0.94 0.00	19.71 0.72 0.00	20.86 0.68 0.00	21.01 0.59 0.00	20.89 0.55 0.00	19.27 0.49 0.00	18.08 0.48 0.00
CRESCENT___HYD 24018	19.08 0.84 0.00	19.27 0.83 0.00	17.89 0.77 0.00	18.01 0.77 0.00	18.02 0.75 0.00	15.76 0.66 0.00	14.14 0.56 0.00	16.81 0.63 0.00	17.72 0.65 0.00	18.61 0.74 0.00	18.10 0.77 0.00	19.16 0.85 0.00	19.55 0.89 0.00	19.25 0.82 0.00	18.04 0.76 0.00	18.25 0.81 0.00	19.46 0.85 0.00	23.96 1.04 0.00	19.70 0.72 0.00	20.91 0.72 0.00	21.12 0.70 0.00	21.09 0.76 0.00	19.41 0.63 0.00	18.21 0.61 0.00
CRICKET___VALLEY_CC1 323756	19.04 0.80 0.00	19.16 0.72 0.00	17.78 0.66 0.00	17.89 0.65 0.00	17.89 0.63 0.00	15.66 0.56 0.00	14.09 0.52 0.00	16.82 0.64 0.00	17.78 0.71 0.00	18.74 0.86 0.00	18.26 0.94 0.00	19.35 1.04 0.00	19.73 1.07 0.00	19.44 1.01 0.00	18.28 1.00 0.00	18.43 0.99 0.00	19.61 1.01 0.00	24.02 1.11 0.00	19.80 0.82 0.00	20.95 0.77 0.00	21.09 0.67 0.00	21.01 0.67 0.00	19.36 0.58 0.00	18.20 0.60 0.00
CRICKET___VALLEY_CC2 323757	19.04 0.80 0.00	19.16 0.72 0.00	17.78 0.66 0.00	17.89 0.65 0.00	17.89 0.63 0.00	15.66 0.56 0.00	14.09 0.52 0.00	16.82 0.64 0.00	17.78 0.71 0.00	18.74 0.86 0.00	18.26 0.94 0.00	19.35 1.04 0.00	19.73 1.07 0.00	19.44 1.01 0.00	18.28 1.00 0.00	18.43 0.99 0.00	19.61 1.01 0.00	24.02 1.11 0.00	19.80 0.82 0.00	20.95 0.77 0.00	21.09 0.67 0.00	21.01 0.67 0.00	19.36 0.58 0.00	18.20 0.60 0.00
CRICKET___VALLEY_CC3 323758	19.04 0.80 0.00	19.16 0.72 0.00	17.78 0.66 0.00	17.89 0.65 0.00	17.89 0.63 0.00	15.66 0.56 0.00	14.09 0.52 0.00	16.82 0.64 0.00	17.78 0.71 0.00	18.74 0.86 0.00	18.26 0.94 0.00	19.35 1.04 0.00	19.73 1.07 0.00	19.44 1.01 0.00	18.28 1.00 0.00	18.43 0.99 0.00	19.61 1.01 0.00	24.02 1.11 0.00	19.80 0.82 0.00	20.95 0.77 0.00	21.09 0.67 0.00	21.01 0.67 0.00	19.36 0.58 0.00	18.20 0.60 0.00
CRUCIBLE_METL_DRP 24180	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
DAHOWA___HYDRO 323763	19.52 1.28 0.00	19.67 1.24 0.00	18.26 1.14 0.00	18.36 1.12 0.00	18.37 1.11 0.00	16.07 0.98 0.00	14.45 0.87 0.00	17.20 1.02 0.00	18.11 1.04 0.00	19.01 1.13 0.00	18.46 1.13 0.00	19.48 1.17 0.00	19.93 1.27 0.00	19.52 1.10 0.00	18.29 1.01 0.00	18.54 1.10 0.00	19.81 1.21 0.00	24.54 1.62 0.00	20.24 1.25 0.00	21.50 1.31 0.00	21.72 1.30 0.00	21.63 1.30 0.00	19.89 1.12 0.00	18.67 1.06 0.00
DANC___LFGE 323619	18.34 0.10 0.00	18.59 0.15 0.00	17.29 0.17 0.00	17.40 0.15 0.00	17.38 0.11 0.00	15.19 0.09 0.00	13.59 0.01 0.00	16.00 -0.18 0.00	16.83 -0.24 0.00	17.43 -0.45 0.00	16.68 -0.64 0.00	17.64 -0.67 0.00	17.92 -0.73 0.00	17.65 -0.78 0.00	16.62 -0.66 0.00	16.73 -0.71 0.00	17.92 -0.68 0.00	22.20 -0.71 0.00	18.50 -0.49 0.00	19.96 -0.23 0.00	20.49 0.06 0.00	20.45 0.11 0.00	18.91 0.14 0.00	17.75 0.15 0.00
DANSKAMMER___1 23586	19.26 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.46 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
DANSKAMMER___2 23589	19.26 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.46 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
DANSKAMMER___3 23590	19.26 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.46 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
DANSKAMMER___4 23591	19.26 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.46 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
DANSKAMMER___DIESEL 23592	19.27 1.03 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.01 0.83 0.00	17.99 0.92 0.00	18.98 1.10 0.00	18.47 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.68 1.25 0.00	18.50 1.23 0.00	18.68 1.24 0.00	19.91 1.31 0.00	24.42 1.51 0.00	20.16 1.17 0.00	21.34 1.16 0.00	21.48 1.06 0.00	21.36 1.02 0.00	19.66 0.89 0.00	18.44 0.84 0.00
DARBY___SOLAR 323810	19.43 1.20 0.00	19.59 1.15 0.00	18.19 1.07 0.00	18.29 1.05 0.00	18.31 1.04 0.00	16.01 0.91 0.00	14.39 0.81 0.00	17.12 0.94 0.00	18.03 0.97 0.00	18.93 1.05 0.00	18.38 1.05 0.00	19.42 1.11 0.00	19.85 1.20 0.00	19.47 1.04 0.00	18.23 0.96 0.00	18.48 1.04 0.00	19.73 1.13 0.00	24.42 1.51 0.00	20.13 1.15 0.00	21.38 1.19 0.00	21.61 1.19 0.00	21.53 1.19 0.00	19.80 1.02 0.00	18.58 0.98 0.00
DASHVILLE___HYD 23610	18.98 0.74 0.00	19.08 0.64 0.00	17.68 0.56 0.00	17.82 0.58 0.00	17.81 0.54 0.00	15.58 0.48 0.00	14.04 0.46 0.00	16.78 0.60 0.00	17.77 0.70 0.00	18.76 0.88 0.00	18.25 0.92 0.00	19.35 1.04 0.00	19.74 1.08 0.00	19.46 1.03 0.00	18.31 1.03 0.00	18.45 1.01 0.00	19.65 1.05 0.00	24.07 1.16 0.00	19.88 0.89 0.00	21.04 0.86 0.00	21.16 0.74 0.00	21.04 0.70 0.00	19.38 0.60 0.00	18.18 0.58 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	19.85 1.62 0.00	19.93 1.49 0.00	18.50 1.38 0.00	18.59 1.35 0.00	18.56 1.29 0.00	16.26 1.17 0.00	14.83 1.26 0.00	17.78 1.60 0.00	18.79 1.72 0.00	20.01 2.13 0.00	19.33 2.00 0.00	26.31 2.36 -5.64	36.68 2.41 -15.62	67.49 2.48 -46.58	19.46 2.16 -0.02	24.52 2.14 -4.95	22.20 2.17 -1.42	25.21 2.30 0.00	20.87 1.88 0.00	22.27 2.08 0.00	22.35 1.91 -0.02	21.83 1.49 0.00	19.92 1.14 0.00	18.72 1.12 0.00
DELAWARE___LFGE 323621	18.76 0.52 0.00	18.96 0.52 0.00	17.58 0.46 0.00	17.74 0.50 0.00	17.75 0.49 0.00	15.51 0.41 0.00	13.96 0.39 0.00	16.63 0.45 0.00	17.57 0.50 0.00	18.46 0.58 0.00	17.89 0.56 0.00	18.89 0.58 0.00	19.25 0.59 0.00	19.01 0.58 0.00	17.84 0.56 0.00	18.00 0.56 0.00	19.22 0.61 0.00	23.65 0.73 0.00	19.61 0.63 0.00	20.81 0.63 0.00	21.02 0.60 0.00	20.91 0.57 0.00	19.29 0.51 0.00	18.07 0.46 0.00
DERFIELD_115KV_TB7 355931	18.29 0.05 0.00	18.49 0.05 0.00	17.17 0.05 0.00	17.29 0.05 0.00	17.30 0.04 0.00	15.13 0.03 0.00	13.60 0.03 0.00	16.20 0.02 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.36 0.04 0.00	18.35 0.04 0.00	18.70 0.05 0.00	18.47 0.04 0.00	17.31 0.03 0.00	17.47 0.04 0.00	18.65 0.05 0.00	22.96 0.05 0.00	19.02 0.04 0.00	20.22 0.03 0.00	20.44 0.02 0.00	20.36 0.02 0.00	18.79 0.02 0.00	17.62 0.02 0.00
DOGLEVILLE___HYD 23807	18.25 0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.24 0.00 0.00	17.25 -0.01 0.00	15.08 -0.02 0.00	13.54 -0.04 0.00	16.07 -0.11 0.00	16.91 -0.16 0.00	17.81 -0.07 0.00	17.25 -0.07 0.00	18.26 -0.05 0.00	18.69 0.03 0.00	18.41 -0.02 0.00	17.23 -0.04 0.00	17.45 0.02 0.00	18.68 0.08 0.00	23.06 0.15 0.00	19.03 0.04 0.00	20.16 -0.03 0.00	20.36 -0.05 0.00	20.32 -0.02 0.00	18.63 -0.15 0.00	17.42 -0.18 0.00
DUNKIRK___115KV_TB_200 55889	17.98 -0.26 0.00	18.32 -0.12 0.00	17.05 -0.08 0.00	17.05 -0.19 0.00	17.15 -0.11 0.00	15.07 -0.03 0.00	13.68 0.11 0.00	16.35 0.17 0.00	17.36 0.29 0.00	18.22 0.34 0.00	17.55 0.22 0.00	18.28 -0.03 0.00	18.55 -0.11 0.00	18.42 -0.01 0.00	17.27 -0.01 0.00	17.47 0.04 0.00	18.54 -0.06 0.00	22.84 -0.08 0.00	19.07 0.09 0.00	20.25 0.06 0.00	20.45 0.03 0.00	20.29 -0.05 0.00	18.89 0.12 0.00	17.63 0.02 0.00
DUNKIRK___1 23563	17.98 -0.26 0.00	18.32 -0.12 0.00	17.05 -0.08 0.00	17.05 -0.19 0.00	17.15 -0.11 0.00	15.07 -0.03 0.00	13.68 0.11 0.00	16.35 0.17 0.00	17.36 0.29 0.00	18.22 0.34 0.00	17.55 0.22 0.00	18.28 -0.03 0.00	18.55 -0.11 0.00	18.42 -0.01 0.00	17.27 -0.01 0.00	17.47 0.04 0.00	18.54 -0.06 0.00	22.84 -0.08 0.00	19.07 0.09 0.00	20.25 0.06 0.00	20.45 0.03 0.00	20.29 -0.05 0.00	18.89 0.12 0.00	17.63 0.02 0.00
DUNKIRK___2 23564	17.98 -0.26 0.00	18.32 -0.12 0.00	17.05 -0.08 0.00	17.05 -0.19 0.00	17.15 -0.11 0.00	15.07 -0.03 0.00	13.68 0.11 0.00	16.35 0.17 0.00	17.36 0.29 0.00	18.22 0.34 0.00	17.55 0.22 0.00	18.28 -0.03 0.00	18.55 -0.11 0.00	18.42 -0.01 0.00	17.27 -0.01 0.00	17.47 0.04 0.00	18.54 -0.06 0.00	22.84 -0.08 0.00	19.07 0.09 0.00	20.25 0.06 0.00	20.45 0.03 0.00	20.29 -0.05 0.00	18.89 0.12 0.00	17.63 0.02 0.00
DUNKIRK___3 23565	17.99 -0.25 0.00	18.32 -0.12 0.00	17.03 -0.09 0.00	17.05 -0.19 0.00	17.15 -0.11 0.00	15.06 -0.04 0.00	13.67 0.09 0.00	16.32 0.14 0.00	17.29 0.22 0.00	18.14 0.26 0.00	17.49 0.17 0.00	18.22 -0.09 0.00	18.48 -0.17 0.00	18.35 -0.08 0.00	17.20 -0.08 0.00	17.40 -0.04 0.00	18.45 -0.15 0.00	22.71 -0.21 0.00	18.97 -0.01 0.00	20.15 -0.04 0.00	20.36 -0.06 0.00	20.23 -0.11 0.00	18.84 0.06 0.00	17.58 -0.03 0.00
DUNKIRK___4 23566	17.97 -0.26 0.00	18.32 -0.12 0.00	17.04 -0.08 0.00	17.05 -0.19 0.00	17.15 -0.12 0.00	15.06 -0.04 0.00	13.67 0.09 0.00	16.32 0.14 0.00	17.29 0.22 0.00	18.14 0.26 0.00	17.49 0.17 0.00	18.22 -0.09 0.00	18.48 -0.17 0.00	18.35 -0.08 0.00	17.20 -0.08 0.00	17.40 -0.04 0.00	18.45 -0.15 0.00	22.71 -0.21 0.00	18.97 -0.01 0.00	20.15 -0.04 0.00	20.36 -0.06 0.00	20.23 -0.11 0.00	18.84 0.06 0.00	17.58 -0.03 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	19.25 1.01 0.00	19.34 0.90 0.00	17.92 0.80 0.00	18.05 0.81 0.00	18.03 0.77 0.00	15.77 0.67 0.00	14.20 0.63 0.00	17.00 0.81 0.00	17.98 0.91 0.00	19.01 1.13 0.00	18.47 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.70 1.27 0.00	18.52 1.24 0.00	18.67 1.23 0.00	19.90 1.29 0.00	24.37 1.45 0.00	20.10 1.12 0.00	21.26 1.08 0.00	21.39 0.97 0.00	21.27 0.93 0.00	19.59 0.82 0.00	18.40 0.80 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	19.11 0.87 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.93 0.70 0.00	17.93 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.87 0.69 0.00	17.84 0.77 0.00	18.82 0.95 0.00	18.30 0.97 0.00	19.39 1.08 0.00	19.78 1.12 0.00	19.50 1.07 0.00	18.34 1.06 0.00	18.49 1.06 0.00	19.73 1.13 0.00	24.20 1.28 0.00	19.99 1.00 0.00	21.17 0.98 0.00	21.30 0.88 0.00	21.18 0.84 0.00	19.51 0.74 0.00	18.30 0.70 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	19.26 1.02 0.00	19.38 0.94 0.00	17.97 0.85 0.00	18.09 0.85 0.00	18.09 0.82 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.02 0.95 0.00	19.03 1.15 0.00	18.46 1.14 0.00	19.60 1.28 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.57 1.29 0.00	18.68 1.24 0.00	19.93 1.32 0.00	24.38 1.46 0.00	20.13 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.32 0.98 0.00	19.62 0.84 0.00	18.44 0.83 0.00
E179THST_13_KV_LOAD 356214	19.33 1.10 0.00	19.45 1.01 0.00	18.03 0.91 0.00	18.15 0.91 0.00	18.15 0.88 0.00	15.88 0.78 0.00	14.30 0.73 0.00	17.11 0.93 0.00	18.08 1.01 0.00	19.10 1.22 0.00	18.53 1.21 0.00	19.67 1.36 0.00	20.07 1.42 0.00	19.81 1.38 0.00	18.64 1.36 0.00	18.75 1.32 0.00	20.01 1.41 0.00	24.48 1.56 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.51 1.09 0.00	21.41 1.07 0.00	19.70 0.92 0.00	18.51 0.90 0.00
EAST HAMPTON___GT 23717	20.06 1.82 0.00	20.15 1.71 0.00	18.70 1.58 0.00	18.80 1.55 0.00	18.76 1.49 0.00	16.44 1.34 0.00	15.00 1.42 0.00	17.98 1.80 0.00	18.99 1.92 0.00	20.25 2.37 0.00	19.55 2.23 0.00	26.58 2.63 -5.64	36.95 2.68 -15.62	67.73 2.72 -46.58	19.65 2.35 -0.02	24.74 2.36 -4.95	22.43 2.41 -1.42	25.52 2.60 0.00	21.11 2.13 0.00	22.53 2.34 0.00	22.65 2.22 -0.02	22.13 1.79 0.00	20.19 1.41 0.00	18.96 1.36 0.00
EAST RIVER___6 23660	19.32 1.08 0.00	19.41 0.97 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.10 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.09 0.91 0.00	18.08 1.01 0.00	19.11 1.23 0.00	18.58 1.25 0.00	19.67 1.36 0.00	20.06 1.41 0.00	19.81 1.38 0.00	18.63 1.35 0.00	18.77 1.33 0.00	19.99 1.39 0.00	24.45 1.53 0.00	20.19 1.20 0.00	21.34 1.15 0.00	21.45 1.03 0.00	21.36 1.03 0.00	19.70 0.93 0.00	18.51 0.90 0.00

EAST RIVER___7 23524	19.32 1.08 0.00	19.41 0.97 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.10 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.09 0.91 0.00	18.08 1.01 0.00	19.11 1.23 0.00	18.58 1.25 0.00	19.67 1.36 0.00	20.06 1.41 0.00	19.81 1.38 0.00	18.63 1.35 0.00	18.77 1.33 0.00	19.99 1.39 0.00	24.45 1.53 0.00	20.19 1.20 0.00	21.34 1.15 0.00	21.45 1.03 0.00	21.36 1.03 0.00	19.70 0.93 0.00	18.51 0.90 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	19.21 0.97 0.00	19.31 0.87 0.00	17.89 0.77 0.00	18.02 0.78 0.00	18.01 0.74 0.00	15.76 0.66 0.00	14.19 0.61 0.00	16.97 0.79 0.00	17.95 0.89 0.00	18.97 1.10 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.93 1.27 0.00	19.66 1.23 0.00	18.49 1.21 0.00	18.64 1.20 0.00	19.86 1.26 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.37 0.95 0.00	21.25 0.91 0.00	19.57 0.79 0.00	18.38 0.77 0.00
EAST_HAMPTON___DIESEL 23722	20.06 1.82 0.00	20.15 1.71 0.00	18.70 1.58 0.00	18.80 1.55 0.00	18.76 1.49 0.00	16.44 1.34 0.00	15.00 1.42 0.00	17.98 1.80 0.00	18.99 1.92 0.00	20.25 2.37 0.00	19.55 2.23 0.00	26.58 2.63 -5.64	36.95 2.68 -15.62	67.73 2.72 -46.58	19.65 2.35 -0.02	24.74 2.36 -4.95	22.43 2.41 -1.42	25.53 2.61 0.00	21.11 2.13 0.00	22.53 2.34 0.00	22.67 2.24 -0.02	22.14 1.80 0.00	20.20 1.43 0.00	18.97 1.37 0.00
EAST_PULASKI___ESR 323781	18.15 -0.09 0.00	18.37 -0.07 0.00	17.06 -0.06 0.00	17.17 -0.08 0.00	17.18 -0.09 0.00	15.02 -0.08 0.00	13.50 -0.07 0.00	16.00 -0.18 0.00	16.82 -0.24 0.00	17.55 -0.33 0.00	16.91 -0.42 0.00	17.85 -0.46 0.00	18.16 -0.50 0.00	17.92 -0.51 0.00	16.83 -0.45 0.00	16.96 -0.48 0.00	18.12 -0.48 0.00	22.39 -0.52 0.00	18.63 -0.36 0.00	19.92 -0.27 0.00	20.28 -0.14 0.00	20.21 -0.12 0.00	18.67 -0.10 0.00	17.51 -0.09 0.00
EAST_RIVER___1 323558	19.30 1.06 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.25 0.68 0.00	17.06 0.88 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.55 1.22 0.00	19.65 1.34 0.00	20.04 1.38 0.00	19.78 1.35 0.00	18.60 1.32 0.00	18.74 1.30 0.00	19.97 1.36 0.00	24.44 1.52 0.00	20.16 1.17 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.32 0.98 0.00	19.65 0.88 0.00	18.46 0.86 0.00
EAST_RIVER___2 323559	19.32 1.08 0.00	19.41 0.97 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.10 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.09 0.91 0.00	18.08 1.01 0.00	19.11 1.23 0.00	18.58 1.25 0.00	19.67 1.36 0.00	20.06 1.41 0.00	19.81 1.38 0.00	18.63 1.35 0.00	18.77 1.33 0.00	19.99 1.39 0.00	24.45 1.53 0.00	20.19 1.20 0.00	21.34 1.15 0.00	21.45 1.03 0.00	21.36 1.03 0.00	19.70 0.93 0.00	18.51 0.90 0.00
EAST___DELAWARE_HYD 23607	18.56 0.32 0.00	18.65 0.21 0.00	17.27 0.15 0.00	17.39 0.15 0.00	17.38 0.12 0.00	15.21 0.12 0.00	13.71 0.13 0.00	16.38 0.20 0.00	17.32 0.25 0.00	18.23 0.35 0.00	17.72 0.39 0.00	18.77 0.46 0.00	19.19 0.53 0.00	18.89 0.47 0.00	17.84 0.56 0.00	18.02 0.59 0.00	19.23 0.63 0.00	23.61 0.70 0.00	19.51 0.52 0.00	20.69 0.51 0.00	20.83 0.41 0.00	20.71 0.37 0.00	19.06 0.28 0.00	17.84 0.24 0.00
EIGHT_POINT___WT_PWR 323820	17.68 -0.56 0.00	17.96 -0.48 0.00	16.67 -0.45 0.00	16.77 -0.48 0.00	17.08 -0.19 0.00	15.01 -0.09 0.00	13.66 0.08 0.00	16.39 0.21 0.00	17.33 0.26 0.00	18.06 0.19 0.00	17.21 -0.12 0.00	17.90 -0.41 0.00	18.12 -0.54 0.00	18.02 -0.41 0.00	16.93 -0.34 0.00	17.10 -0.34 0.00	18.23 -0.38 0.00	22.59 -0.33 0.00	18.77 -0.22 0.00	20.04 -0.15 0.00	20.46 0.03 0.00	20.28 -0.06 0.00	18.87 0.09 0.00	17.72 0.11 0.00
ELBRIDGE_115KV_TB2 80188	18.16 -0.08 0.00	18.36 -0.08 0.00	17.04 -0.08 0.00	17.15 -0.09 0.00	17.19 -0.07 0.00	15.01 -0.08 0.00	13.54 -0.04 0.00	16.13 -0.05 0.00	17.02 -0.05 0.00	17.84 -0.03 0.00	17.24 -0.08 0.00	18.16 -0.15 0.00	18.50 -0.16 0.00	18.28 -0.15 0.00	17.14 -0.14 0.00	17.31 -0.13 0.00	18.49 -0.11 0.00	22.77 -0.14 0.00	18.94 -0.05 0.00	20.14 -0.04 0.00	20.36 -0.06 0.00	20.27 -0.06 0.00	18.72 -0.05 0.00	17.55 -0.05 0.00
ELEC_TRO_TEK 24086	19.29 1.05 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.06 0.82 0.00	18.04 0.77 0.00	15.79 0.69 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.04 0.98 0.00	19.13 1.25 0.00	18.56 1.23 0.00	23.78 1.47 -4.00	32.15 1.51 -11.98	52.99 1.47 -33.09	18.68 1.40 -0.01	30.60 1.43 -11.73	23.86 1.49 -3.76	24.55 1.64 0.00	20.25 1.26 0.00	21.46 1.27 0.00	21.61 1.16 -0.04	21.34 1.01 0.00	19.60 0.82 0.00	18.43 0.83 0.00
ELLENBURG_WT_PWR 323604	18.30 0.06 0.00	18.39 -0.05 0.00	17.17 0.06 0.00	17.34 0.10 0.00	17.54 0.28 0.00	15.33 0.23 0.00	13.76 0.19 0.00	16.49 0.31 0.00	17.23 0.16 0.00	17.74 -0.14 0.00	17.18 -0.14 0.00	18.06 -0.25 0.00	18.43 -0.22 0.00	18.29 -0.14 0.00	17.10 -0.18 0.00	17.39 -0.04 0.00	18.52 -0.09 0.00	23.12 0.20 0.00	19.15 0.17 0.00	20.57 0.39 0.00	21.13 0.71 0.00	20.93 0.59 0.00	19.45 0.67 0.00	18.22 0.62 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.87 -0.37 0.00	18.22 -0.22 0.00	16.97 -0.15 0.00	16.97 -0.27 0.00	17.06 -0.21 0.00	14.98 -0.11 0.00	13.60 0.03 0.00	16.19 0.01 0.00	17.09 0.02 0.00	17.90 0.02 0.00	17.29 -0.03 0.00	18.00 -0.31 0.00	18.25 -0.40 0.00	18.14 -0.29 0.00	16.97 -0.30 0.00	17.16 -0.28 0.00	18.13 -0.47 0.00	22.31 -0.61 0.00	18.69 -0.30 0.00	19.89 -0.30 0.00	20.17 -0.25 0.00	20.08 -0.25 0.00	18.73 -0.05 0.00	17.46 -0.14 0.00
EMPIRE_CC_1 323656	18.81 0.58 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.77 0.53 0.00	17.77 0.51 0.00	15.54 0.44 0.00	13.92 0.34 0.00	16.50 0.32 0.00	17.40 0.33 0.00	18.28 0.41 0.00	17.79 0.46 0.00	18.84 0.53 0.00	19.22 0.56 0.00	18.94 0.51 0.00	17.76 0.48 0.00	17.95 0.51 0.00	19.12 0.52 0.00	23.51 0.59 0.00	19.32 0.34 0.00	20.49 0.31 0.00	20.70 0.28 0.00	20.73 0.39 0.00	19.09 0.32 0.00	17.93 0.32 0.00
EMPIRE_CC_2 323658	18.81 0.58 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.77 0.53 0.00	17.77 0.51 0.00	15.54 0.44 0.00	13.92 0.34 0.00	16.50 0.32 0.00	17.40 0.33 0.00	18.28 0.41 0.00	17.79 0.46 0.00	18.84 0.53 0.00	19.22 0.56 0.00	18.94 0.51 0.00	17.76 0.48 0.00	17.95 0.51 0.00	19.12 0.52 0.00	23.51 0.59 0.00	19.32 0.34 0.00	20.49 0.31 0.00	20.70 0.28 0.00	20.73 0.39 0.00	19.09 0.32 0.00	17.93 0.32 0.00
ENORWICH_115KV_TB1 80156	19.38 1.14 0.00	19.59 1.16 0.00	18.16 1.04 0.00	18.26 1.02 0.00	18.31 1.05 0.00	16.02 0.92 0.00	14.42 0.85 0.00	17.10 0.92 0.00	17.95 0.88 0.00	18.69 0.81 0.00	17.99 0.66 0.00	18.91 0.60 0.00	19.23 0.58 0.00	18.95 0.52 0.00	17.81 0.53 0.00	18.04 0.61 0.00	19.44 0.84 0.00	24.15 1.23 0.00	20.24 1.25 0.00	21.64 1.45 0.00	21.95 1.53 0.00	21.84 1.50 0.00	20.07 1.30 0.00	18.68 1.08 0.00

ERIE_ST__34_KV_TB1-2 80199	18.07 -0.16 0.00	18.42 -0.02 0.00	17.13 0.01 0.00	17.13 -0.11 0.00	17.23 -0.04 0.00	15.12 0.02 0.00	13.72 0.14 0.00	16.35 0.17 0.00	17.25 0.18 0.00	18.08 0.20 0.00	17.47 0.15 0.00	18.22 -0.09 0.00	18.46 -0.20 0.00	18.34 -0.09 0.00	17.16 -0.12 0.00	17.35 -0.08 0.00	18.38 -0.22 0.00	22.62 -0.29 0.00	18.94 -0.05 0.00	20.12 -0.07 0.00	20.38 -0.04 0.00	20.30 -0.04 0.00	18.92 0.14 0.00	17.62 0.02 0.00
ERIE_WT_PWR 323693	17.94 -0.30 0.00	18.29 -0.15 0.00	17.03 -0.09 0.00	17.03 -0.21 0.00	17.13 -0.14 0.00	15.04 -0.06 0.00	13.66 0.08 0.00	16.27 0.09 0.00	17.18 0.11 0.00	17.99 0.12 0.00	17.37 0.04 0.00	18.07 -0.24 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.37 0.00	22.43 -0.48 0.00	18.79 -0.20 0.00	20.00 -0.19 0.00	20.29 -0.13 0.00	20.20 -0.14 0.00	18.83 0.05 0.00	17.55 -0.05 0.00
ESPRGFLD_115KV_TB1 80157	19.18 0.95 0.00	19.38 0.94 0.00	17.98 0.85 0.00	18.11 0.87 0.00	18.13 0.87 0.00	15.89 0.79 0.00	14.33 0.76 0.00	17.11 0.93 0.00	18.07 1.00 0.00	18.87 0.99 0.00	18.21 0.89 0.00	19.17 0.86 0.00	19.51 0.86 0.00	19.35 0.92 0.00	18.18 0.90 0.00	18.27 0.83 0.00	19.56 0.96 0.00	24.12 1.21 0.00	20.20 1.22 0.00	21.54 1.36 0.00	21.81 1.39 0.00	21.66 1.32 0.00	20.01 1.23 0.00	18.70 1.10 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.55 0.31 0.00	18.75 0.31 0.00	17.38 0.26 0.00	17.49 0.25 0.00	17.54 0.28 0.00	15.33 0.23 0.00	13.82 0.24 0.00	16.46 0.28 0.00	17.34 0.27 0.00	18.14 0.26 0.00	17.51 0.18 0.00	18.41 0.10 0.00	18.75 0.10 0.00	18.53 0.10 0.00	17.38 0.10 0.00	17.57 0.13 0.00	18.79 0.19 0.00	23.22 0.31 0.00	19.37 0.38 0.00	20.63 0.45 0.00	20.87 0.45 0.00	20.77 0.43 0.00	19.16 0.38 0.00	17.93 0.32 0.00
ETNA____115KV_TB2 80207	18.55 0.31 0.00	18.75 0.31 0.00	17.38 0.26 0.00	17.49 0.25 0.00	17.54 0.28 0.00	15.33 0.23 0.00	13.82 0.24 0.00	16.46 0.28 0.00	17.34 0.27 0.00	18.14 0.26 0.00	17.51 0.18 0.00	18.41 0.10 0.00	18.75 0.10 0.00	18.53 0.10 0.00	17.38 0.10 0.00	17.57 0.13 0.00	18.79 0.19 0.00	23.22 0.31 0.00	19.37 0.38 0.00	20.63 0.45 0.00	20.87 0.45 0.00	20.77 0.43 0.00	19.16 0.38 0.00	17.93 0.32 0.00
EUCLID____115KV_TB2 356179	18.04 -0.19 0.00	18.25 -0.18 0.00	16.94 -0.18 0.00	17.04 -0.20 0.00	17.07 -0.19 0.00	14.93 -0.16 0.00	13.45 -0.13 0.00	16.01 -0.17 0.00	16.89 -0.18 0.00	17.70 -0.17 0.00	17.14 -0.18 0.00	18.07 -0.24 0.00	18.40 -0.26 0.00	18.19 -0.24 0.00	17.05 -0.23 0.00	17.20 -0.24 0.00	18.34 -0.26 0.00	22.63 -0.29 0.00	18.79 -0.20 0.00	19.98 -0.21 0.00	20.21 -0.22 0.00	20.13 -0.21 0.00	18.59 -0.19 0.00	17.43 -0.18 0.00
E_CANADA_CAP_HY 24051	19.49 1.25 0.00	19.69 1.25 0.00	18.28 1.16 0.00	18.40 1.17 0.00	18.42 1.15 0.00	16.15 1.06 0.00	14.56 0.99 0.00	17.38 1.20 0.00	18.32 1.25 0.00	19.09 1.21 0.00	18.41 1.09 0.00	19.40 1.09 0.00	19.75 1.10 0.00	19.61 1.18 0.00	18.42 1.14 0.00	18.48 1.04 0.00	19.80 1.19 0.00	24.44 1.52 0.00	20.49 1.51 0.00	21.87 1.68 0.00	22.17 1.75 0.00	22.02 1.68 0.00	20.35 1.57 0.00	19.03 1.43 0.00
E_CANADA_MHWK_HY 24050	18.25 0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.24 0.00 0.00	17.25 -0.01 0.00	15.08 -0.02 0.00	13.54 -0.04 0.00	16.07 -0.11 0.00	16.91 -0.16 0.00	17.81 -0.07 0.00	17.25 -0.07 0.00	18.26 -0.05 0.00	18.69 0.03 0.00	18.41 -0.02 0.00	17.23 -0.04 0.00	17.45 0.02 0.00	18.68 0.08 0.00	23.06 0.15 0.00	19.03 0.04 0.00	20.16 -0.03 0.00	20.36 -0.05 0.00	20.32 -0.02 0.00	18.63 -0.15 0.00	17.42 -0.18 0.00
E_FISHKILL____LBMP 23776	19.11 0.87 0.00	19.23 0.79 0.00	17.82 0.70 0.00	17.95 0.71 0.00	17.94 0.68 0.00	15.70 0.60 0.00	14.13 0.55 0.00	16.88 0.70 0.00	17.85 0.78 0.00	18.83 0.96 0.00	18.32 0.99 0.00	19.41 1.09 0.00	19.79 1.14 0.00	19.52 1.09 0.00	18.35 1.07 0.00	18.50 1.07 0.00	19.71 1.11 0.00	24.16 1.25 0.00	19.93 0.95 0.00	21.09 0.91 0.00	21.23 0.81 0.00	21.12 0.79 0.00	19.46 0.69 0.00	18.28 0.67 0.00
FALCON____SEABRD_CC1 323796	18.51 0.27 0.00	18.58 0.14 0.00	17.35 0.23 0.00	17.50 0.26 0.00	17.71 0.45 0.00	15.48 0.38 0.00	13.90 0.33 0.00	16.65 0.47 0.00	17.41 0.35 0.00	17.94 0.06 0.00	17.38 0.05 0.00	18.25 -0.05 0.00	18.64 -0.02 0.00	18.48 0.05 0.00	17.27 -0.01 0.00	17.58 0.15 0.00	18.70 0.09 0.00	23.41 0.50 0.00	19.36 0.37 0.00	20.80 0.62 0.00	21.42 1.00 0.00	21.17 0.83 0.00	19.71 0.93 0.00	18.45 0.85 0.00
FALCON____SEABRD_CC2 323797	18.51 0.27 0.00	18.58 0.14 0.00	17.35 0.23 0.00	17.50 0.26 0.00	17.71 0.45 0.00	15.48 0.38 0.00	13.90 0.33 0.00	16.65 0.47 0.00	17.41 0.35 0.00	17.94 0.06 0.00	17.38 0.05 0.00	18.25 -0.05 0.00	18.64 -0.02 0.00	18.48 0.05 0.00	17.27 -0.01 0.00	17.58 0.15 0.00	18.70 0.09 0.00	23.41 0.50 0.00	19.36 0.37 0.00	20.80 0.62 0.00	21.42 1.00 0.00	21.17 0.83 0.00	19.71 0.93 0.00	18.45 0.85 0.00
FAR ROCKAWAY____4 23548	19.52 1.28 0.00	19.59 1.16 0.00	18.15 1.03 0.00	18.25 1.01 0.00	18.23 0.96 0.00	15.95 0.85 0.00	14.40 0.83 0.00	17.22 1.04 0.00	18.23 1.16 0.00	19.33 1.45 0.00	18.76 1.43 0.00	25.10 1.72 -5.07	36.26 1.77 -15.83	62.06 1.72 -41.91	18.91 1.62 -0.01	40.03 1.68 -20.91	27.32 1.76 -6.97	24.88 1.96 0.00	20.53 1.53 -0.01	21.75 1.57 0.00	21.92 1.45 -0.05	21.63 1.29 0.00	19.86 1.08 -0.01	18.66 1.05 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	19.31 1.07 0.00	19.42 0.98 0.00	17.98 0.86 0.00	18.11 0.87 0.00	18.10 0.83 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.06 0.99 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.65 1.34 0.00	20.05 1.39 0.00	19.78 1.35 0.00	18.61 1.33 0.00	18.75 1.31 0.00	19.98 1.37 0.00	24.45 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.02 0.00	21.33 0.99 0.00	19.65 0.88 0.00	18.46 0.86 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	19.32 1.08 0.00	19.42 0.98 0.00	17.98 0.86 0.00	18.11 0.87 0.00	18.10 0.84 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.06 0.99 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.66 1.35 0.00	20.05 1.39 0.00	19.79 1.36 0.00	18.61 1.33 0.00	18.75 1.31 0.00	19.98 1.38 0.00	24.46 1.54 0.00	20.18 1.19 0.00	21.32 1.14 0.00	21.45 1.03 0.00	21.34 1.00 0.00	19.67 0.89 0.00	18.48 0.87 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	19.30 1.06 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.25 0.68 0.00	17.06 0.88 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.64 1.33 0.00	20.03 1.38 0.00	19.77 1.34 0.00	18.59 1.31 0.00	18.73 1.29 0.00	19.96 1.36 0.00	24.43 1.52 0.00	20.16 1.17 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.32 0.98 0.00	19.65 0.87 0.00	18.46 0.85 0.00

FARRAGUT____LBMP 323566	19.29 1.05 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.04 0.97 0.00	19.07 1.20 0.00	18.53 1.20 0.00	19.63 1.32 0.00	20.02 1.36 0.00	19.76 1.33 0.00	18.58 1.31 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.42 1.51 0.00	20.15 1.16 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.45 0.84 0.00
FENNER____WINDPWR 24204	18.52 0.28 0.00	18.74 0.30 0.00	17.38 0.26 0.00	17.49 0.26 0.00	17.52 0.26 0.00	15.32 0.22 0.00	13.78 0.20 0.00	16.38 0.19 0.00	17.26 0.19 0.00	18.07 0.19 0.00	17.46 0.14 0.00	18.42 0.11 0.00	18.76 0.10 0.00	18.53 0.10 0.00	17.38 0.10 0.00	17.55 0.11 0.00	18.76 0.16 0.00	23.20 0.28 0.00	19.27 0.29 0.00	20.56 0.38 0.00	20.82 0.40 0.00	20.73 0.39 0.00	19.12 0.35 0.00	17.90 0.30 0.00
FIBERTEK____ENERGY 23856	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
FITZPATRICK____ 23598	17.81 -0.43 0.00	18.02 -0.42 0.00	16.73 -0.39 0.00	16.83 -0.41 0.00	16.86 -0.41 0.00	14.75 -0.35 0.00	13.27 -0.30 0.00	15.81 -0.37 0.00	16.68 -0.39 0.00	17.48 -0.40 0.00	16.92 -0.41 0.00	17.85 -0.46 0.00	18.17 -0.48 0.00	17.97 -0.46 0.00	16.83 -0.45 0.00	16.97 -0.47 0.00	18.10 -0.50 0.00	22.31 -0.61 0.00	18.52 -0.46 0.00	19.70 -0.49 0.00	19.92 -0.50 0.00	19.84 -0.50 0.00	18.33 -0.44 0.00	17.20 -0.40 0.00
FLOWRFLD_69_KV_BK1 356044	19.49 1.25 0.00	19.57 1.13 0.00	18.15 1.03 0.00	18.24 1.00 0.00	18.21 0.94 0.00	15.95 0.86 0.00	14.46 0.88 0.00	17.32 1.14 0.00	18.31 1.24 0.00	19.45 1.57 0.00	18.84 1.52 0.00	25.77 1.83 -5.63	36.12 1.87 -15.59	66.80 1.88 -46.50	19.03 1.73 -0.02	24.12 1.69 -5.00	21.81 1.77 -1.44	24.79 1.88 0.00	20.49 1.50 0.00	21.80 1.61 0.00	21.91 1.48 -0.02	21.53 1.19 0.00	19.67 0.89 0.00	18.51 0.91 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	19.30 1.05 0.00	19.40 0.97 0.00	17.98 0.86 0.00	18.11 0.87 0.00	18.11 0.84 0.00	15.84 0.74 0.00	14.26 0.69 0.00	17.04 0.86 0.00	18.02 0.96 0.00	19.01 1.14 0.00	18.50 1.18 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.72 1.29 0.00	18.54 1.26 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.39 1.20 0.00	21.52 1.10 0.00	21.40 1.07 0.00	19.70 0.93 0.00	18.48 0.87 0.00
FORT ORANGE____ 23900	18.81 0.57 0.00	19.00 0.56 0.00	17.64 0.52 0.00	17.77 0.53 0.00	17.78 0.51 0.00	15.53 0.43 0.00	13.88 0.30 0.00	16.46 0.28 0.00	17.34 0.27 0.00	18.20 0.33 0.00	17.72 0.39 0.00	18.77 0.46 0.00	19.13 0.47 0.00	18.86 0.43 0.00	17.69 0.41 0.00	17.89 0.45 0.00	19.08 0.48 0.00	23.49 0.57 0.00	19.37 0.38 0.00	20.55 0.36 0.00	20.76 0.34 0.00	20.72 0.39 0.00	19.06 0.29 0.00	17.89 0.29 0.00
FORT_DRUM_COGEN 23780	18.66 0.42 0.00	18.93 0.49 0.00	17.61 0.49 0.00	17.73 0.49 0.00	17.70 0.43 0.00	15.46 0.36 0.00	13.77 0.20 0.00	16.14 -0.04 0.00	16.95 -0.12 0.00	17.44 -0.44 0.00	16.61 -0.72 0.00	17.58 -0.73 0.00	17.86 -0.79 0.00	17.56 -0.87 0.00	16.57 -0.71 0.00	16.67 -0.76 0.00	17.90 -0.70 0.00	22.24 -0.67 0.00	18.57 -0.42 0.00	20.21 0.02 0.00	20.89 0.47 0.00	20.88 0.54 0.00	19.33 0.55 0.00	18.13 0.53 0.00
FPL_FAR_ROCK_GT1 24212	19.52 1.28 0.00	19.60 1.16 0.00	18.15 1.03 0.00	18.25 1.01 0.00	18.23 0.96 0.00	15.95 0.85 0.00	14.40 0.83 0.00	17.22 1.04 0.00	18.23 1.16 0.00	19.33 1.45 0.00	18.76 1.44 0.00	25.10 1.72 -5.07	36.26 1.77 -15.83	62.06 1.72 -41.91	18.91 1.62 -0.01	40.03 1.68 -20.91	27.32 1.76 -6.97	24.88 1.96 0.00	20.53 1.53 -0.01	21.75 1.57 0.00	21.92 1.45 -0.05	21.63 1.29 0.00	19.86 1.08 -0.01	18.66 1.05 0.00
FPL_FAR_ROCK_GT2 23815	19.52 1.28 0.00	19.60 1.16 0.00	18.15 1.03 0.00	18.25 1.01 0.00	18.23 0.96 0.00	15.95 0.85 0.00	14.40 0.83 0.00	17.22 1.04 0.00	18.23 1.16 0.00	19.33 1.45 0.00	18.76 1.44 0.00	25.10 1.72 -5.07	36.26 1.77 -15.83	62.06 1.72 -41.91	18.91 1.62 -0.01	40.03 1.68 -20.91	27.32 1.76 -6.97	24.88 1.96 0.00	20.53 1.53 -0.01	21.75 1.57 0.00	21.92 1.45 -0.05	21.63 1.29 0.00	19.86 1.08 -0.01	18.66 1.05 0.00
FRANKLIN_FALL_HYD 24054	18.39 0.15 0.00	18.51 0.08 0.00	17.28 0.15 0.00	17.43 0.18 0.00	17.59 0.33 0.00	15.39 0.29 0.00	13.82 0.24 0.00	16.55 0.37 0.00	17.36 0.29 0.00	17.89 0.01 0.00	17.31 -0.02 0.00	18.22 -0.09 0.00	18.59 -0.07 0.00	18.43 0.00 0.00	17.25 -0.03 0.00	17.51 0.07 0.00	18.66 0.00 0.00	23.25 0.33 0.00	19.29 0.30 0.00	20.71 0.52 0.00	21.22 0.80 0.00	21.06 0.72 0.00	19.52 0.74 0.00	18.26 0.65 0.00
FREEPORT_EQUS_GT1 23764	19.39 1.16 0.00	19.47 1.04 0.00	18.03 0.91 0.00	18.14 0.90 0.00	18.12 0.86 0.00	15.86 0.76 0.00	14.32 0.75 0.00	17.13 0.95 0.00	18.12 1.05 0.00	19.22 1.34 0.00	18.64 1.32 0.00	24.81 1.59 -4.91	34.59 1.66 -14.27	60.60 1.62 -40.55	18.81 1.52 -0.01	29.59 1.57 -10.59	23.61 1.63 -3.38	24.72 1.80 0.00	20.39 1.40 0.00	21.62 1.43 0.00	21.77 1.32 -0.03	21.48 1.14 0.00	19.70 0.92 0.00	18.52 0.91 0.00
FREEPORT____CT2 23818	19.39 1.16 0.00	19.47 1.04 0.00	18.03 0.91 0.00	18.14 0.90 0.00	18.12 0.86 0.00	15.86 0.76 0.00	14.32 0.75 0.00	17.13 0.95 0.00	18.12 1.05 0.00	19.22 1.34 0.00	18.64 1.32 0.00	24.81 1.59 -4.91	34.59 1.66 -14.27	60.60 1.62 -40.55	18.81 1.52 -0.01	29.59 1.57 -10.59	23.61 1.63 -3.38	24.72 1.80 0.00	20.39 1.40 0.00	21.62 1.43 0.00	21.77 1.32 -0.03	21.48 1.14 0.00	19.70 0.92 0.00	18.52 0.91 0.00
FRESHKLS_33_KV_LOAD 356253	19.27 1.04 0.00	19.44 1.00 0.00	17.99 0.87 0.00	18.13 0.89 0.00	18.08 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.01 0.94 0.00	19.01 1.13 0.00	18.46 1.14 0.00	19.58 1.28 0.00	19.98 1.33 0.00	19.71 1.28 0.00	18.55 1.27 0.00	18.67 1.23 0.00	19.93 1.32 0.00	24.38 1.47 0.00	20.12 1.14 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.29 0.95 0.00	19.61 0.83 0.00	18.41 0.81 0.00
FULTON COGEN____ 23766	18.06 -0.18 0.00	18.26 -0.17 0.00	16.95 -0.17 0.00	17.05 -0.19 0.00	17.09 -0.18 0.00	14.95 -0.15 0.00	13.45 -0.12 0.00	16.01 -0.17 0.00	16.89 -0.18 0.00	17.70 -0.18 0.00	17.14 -0.19 0.00	18.06 -0.25 0.00	18.38 -0.28 0.00	18.17 -0.26 0.00	17.03 -0.25 0.00	17.17 -0.27 0.00	18.32 -0.28 0.00	22.59 -0.33 0.00	18.76 -0.22 0.00	19.96 -0.23 0.00	20.20 -0.22 0.00	20.12 -0.22 0.00	18.57 -0.20 0.00	17.42 -0.19 0.00



FULTON___LFGE 323630	20.07 1.84 0.00	20.25 1.81 0.00	18.78 1.66 0.00	18.91 1.66 0.00	18.91 1.65 0.00	16.58 1.48 0.00	14.93 1.35 0.00	17.76 1.58 0.00	18.64 1.57 0.00	19.33 1.45 0.00	18.62 1.29 0.00	19.73 1.42 0.00	20.20 1.55 0.00	20.07 1.63 0.00	18.82 1.55 0.00	18.74 1.31 0.00	20.31 1.71 0.00	25.15 2.23 0.00	21.14 2.16 0.00	22.60 2.41 0.00	22.91 2.49 0.00	22.75 2.41 0.00	20.92 2.14 0.00	19.49 1.89 0.00
G.F.CEMENT___DRP 24184	19.76 1.52 0.00	19.87 1.44 0.00	18.44 1.32 0.00	18.54 1.30 0.00	18.56 1.29 0.00	16.24 1.14 0.00	14.61 1.03 0.00	17.40 1.22 0.00	18.34 1.27 0.00	19.26 1.38 0.00	18.69 1.36 0.00	19.72 1.41 0.00	20.15 1.50 0.00	19.69 1.26 0.00	18.44 1.16 0.00	18.71 1.27 0.00	19.99 1.39 0.00	24.84 1.92 0.00	20.49 1.50 0.00	21.76 1.58 0.00	22.00 1.58 0.00	21.87 1.53 0.00	20.12 1.35 0.00	18.90 1.30 0.00
GARDENVILLE___LBMP 24039	17.90 -0.34 0.00	18.24 -0.20 0.00	16.98 -0.14 0.00	16.99 -0.25 0.00	17.09 -0.18 0.00	15.00 -0.10 0.00	13.62 0.05 0.00	16.23 0.05 0.00	17.13 0.07 0.00	17.95 0.07 0.00	17.33 0.01 0.00	18.04 -0.27 0.00	18.29 -0.37 0.00	18.18 -0.25 0.00	17.01 -0.26 0.00	17.20 -0.23 0.00	18.19 -0.41 0.00	22.39 -0.53 0.00	18.75 -0.24 0.00	19.94 -0.24 0.00	20.22 -0.20 0.00	20.13 -0.21 0.00	18.77 -0.01 0.00	17.50 -0.11 0.00
GARDNVLA_35_KV_LD 355827	17.96 -0.28 0.00	18.30 -0.14 0.00	17.04 -0.08 0.00	17.04 -0.20 0.00	17.14 -0.12 0.00	15.05 -0.05 0.00	13.66 0.09 0.00	16.28 0.10 0.00	17.18 0.12 0.00	18.00 0.13 0.00	17.39 0.06 0.00	18.11 -0.20 0.00	18.36 -0.30 0.00	18.24 -0.18 0.00	17.08 -0.20 0.00	17.26 -0.17 0.00	18.26 -0.34 0.00	22.46 -0.46 0.00	18.81 -0.18 0.00	20.02 -0.17 0.00	20.31 -0.11 0.00	20.22 -0.12 0.00	18.85 0.07 0.00	17.56 -0.04 0.00
GELCKHM___115KV_LOAD 80723	18.10 -0.13 0.00	18.31 -0.13 0.00	16.99 -0.13 0.00	17.10 -0.14 0.00	17.13 -0.14 0.00	14.98 -0.12 0.00	13.49 -0.09 0.00	16.07 -0.11 0.00	16.95 -0.12 0.00	17.76 -0.11 0.00	17.20 -0.13 0.00	18.13 -0.18 0.00	18.46 -0.20 0.00	18.25 -0.18 0.00	17.10 -0.17 0.00	17.26 -0.18 0.00	18.42 -0.19 0.00	22.71 -0.20 0.00	18.86 -0.12 0.00	20.05 -0.13 0.00	20.28 -0.14 0.00	20.20 -0.14 0.00	18.66 -0.12 0.00	17.49 -0.12 0.00
GENERAL___MILLS 23808	17.94 -0.30 0.00	18.28 -0.16 0.00	17.02 -0.11 0.00	17.02 -0.22 0.00	17.12 -0.14 0.00	15.03 -0.07 0.00	13.65 0.07 0.00	16.26 0.08 0.00	17.17 0.10 0.00	17.98 0.10 0.00	17.36 0.04 0.00	18.07 -0.23 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.38 0.00	22.42 -0.50 0.00	18.78 -0.21 0.00	19.98 -0.21 0.00	20.27 -0.15 0.00	20.18 -0.16 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
GE_PLASTICS___DRP 24183	18.76 0.52 0.00	18.95 0.51 0.00	17.60 0.48 0.00	17.73 0.49 0.00	17.74 0.47 0.00	15.49 0.40 0.00	13.88 0.30 0.00	16.48 0.30 0.00	17.37 0.30 0.00	18.25 0.37 0.00	17.75 0.43 0.00	18.80 0.49 0.00	19.16 0.51 0.00	18.90 0.47 0.00	17.73 0.45 0.00	17.91 0.47 0.00	19.10 0.50 0.00	23.49 0.57 0.00	19.37 0.38 0.00	20.54 0.35 0.00	20.74 0.32 0.00	20.69 0.35 0.00	19.05 0.27 0.00	17.89 0.29 0.00
GILBOA___1 23756	18.75 0.51 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.53 0.43 0.00	13.95 0.38 0.00	16.56 0.38 0.00	17.48 0.42 0.00	18.39 0.51 0.00	17.86 0.53 0.00	18.88 0.58 0.00	19.25 0.60 0.00	19.00 0.57 0.00	17.83 0.55 0.00	18.00 0.56 0.00	19.19 0.59 0.00	23.59 0.67 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.15 0.37 0.00	17.96 0.36 0.00
GILBOA___2 23757	18.75 0.51 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.53 0.43 0.00	13.95 0.38 0.00	16.56 0.38 0.00	17.48 0.42 0.00	18.39 0.51 0.00	17.86 0.53 0.00	18.88 0.58 0.00	19.25 0.60 0.00	19.00 0.57 0.00	17.83 0.55 0.00	18.00 0.56 0.00	19.19 0.59 0.00	23.59 0.67 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.15 0.37 0.00	17.96 0.36 0.00
GILBOA___3 23758	18.75 0.51 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.53 0.43 0.00	13.95 0.38 0.00	16.56 0.38 0.00	17.48 0.42 0.00	18.39 0.51 0.00	17.86 0.53 0.00	18.88 0.58 0.00	19.25 0.60 0.00	19.00 0.57 0.00	17.83 0.55 0.00	18.00 0.56 0.00	19.19 0.59 0.00	23.59 0.67 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.15 0.37 0.00	17.96 0.36 0.00
GILBOA___4 23759	18.75 0.51 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.53 0.43 0.00	13.95 0.38 0.00	16.56 0.38 0.00	17.48 0.42 0.00	18.39 0.51 0.00	17.86 0.53 0.00	18.88 0.58 0.00	19.25 0.60 0.00	19.00 0.57 0.00	17.83 0.55 0.00	18.00 0.56 0.00	19.19 0.59 0.00	23.59 0.67 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.15 0.37 0.00	17.96 0.36 0.00
GILBOA___ 23599	18.75 0.51 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.53 0.43 0.00	13.95 0.38 0.00	16.56 0.38 0.00	17.49 0.42 0.00	18.39 0.51 0.00	17.86 0.53 0.00	18.88 0.57 0.00	19.25 0.60 0.00	19.00 0.57 0.00	17.83 0.55 0.00	18.00 0.56 0.00	19.19 0.59 0.00	23.60 0.68 0.00	19.49 0.50 0.00	20.66 0.48 0.00	20.85 0.43 0.00	20.77 0.44 0.00	19.15 0.37 0.00	17.96 0.36 0.00
GINNA___ 23603	17.31 -0.93 0.00	17.56 -0.88 0.00	16.32 -0.80 0.00	16.36 -0.88 0.00	16.41 -0.86 0.00	14.39 -0.71 0.00	12.99 -0.58 0.00	15.46 -0.72 0.00	16.29 -0.78 0.00	17.07 -0.80 0.00	16.53 -0.80 0.00	17.32 -0.99 0.00	17.60 -1.05 0.00	17.45 -0.98 0.00	16.33 -0.95 0.00	16.49 -0.95 0.00	17.53 -1.07 0.00	21.64 -1.28 0.00	18.08 -0.91 0.00	19.22 -0.97 0.00	19.46 -0.96 0.00	19.37 -0.97 0.00	17.94 -0.84 0.00	16.75 -0.85 0.00
GLEN PARK___ 23778	18.74 0.50 0.00	19.01 0.57 0.00	17.68 0.56 0.00	17.80 0.56 0.00	17.77 0.50 0.00	15.53 0.43 0.00	13.83 0.26 0.00	16.19 0.01 0.00	16.95 -0.11 0.00	17.45 -0.43 0.00	16.61 -0.71 0.00	17.59 -0.72 0.00	17.87 -0.79 0.00	17.56 -0.87 0.00	16.57 -0.71 0.00	16.67 -0.76 0.00	17.91 -0.69 0.00	22.26 -0.66 0.00	18.61 -0.38 0.00	20.27 0.08 0.00	20.98 0.56 0.00	20.99 0.66 0.00	19.43 0.65 0.00	18.21 0.60 0.00
GLENDALE_27_KV_LOAD 356172	19.36 1.12 0.00	19.47 1.03 0.00	18.03 0.90 0.00	18.16 0.92 0.00	18.15 0.89 0.00	15.88 0.78 0.00	14.31 0.73 0.00	17.13 0.95 0.00	18.11 1.04 0.00	19.14 1.26 0.00	18.58 1.25 0.00	19.69 1.38 0.00	20.09 1.43 0.00	19.83 1.40 0.00	18.66 1.38 0.00	18.79 1.35 0.00	20.03 1.43 0.00	24.51 1.60 0.00	20.24 1.25 0.00	21.39 1.21 0.00	21.52 1.10 0.00	21.41 1.07 0.00	19.72 0.95 0.00	18.52 0.92 0.00

GLENWOOD_IC_1_G5 23712	19.34 1.11 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.09 1.03 0.00	19.17 1.29 0.00	18.60 1.28 0.00	23.77 1.48 -3.99	31.81 1.53 -11.62	52.87 1.48 -32.96	18.70 1.41 -0.01	27.71 1.44 -8.83	22.86 1.51 -2.75	24.60 1.68 0.00	20.29 1.30 0.00	21.48 1.29 0.00	21.64 1.19 -0.03	21.41 1.07 0.00	19.68 0.91 0.00	18.49 0.89 0.00
GLENWOOD_IC_2_G1 23688	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.07 0.84 0.00	18.06 0.80 0.00	15.80 0.70 0.00	14.24 0.66 0.00	17.03 0.85 0.00	18.02 0.96 0.00	19.07 1.19 0.00	18.52 1.19 0.00	19.76 1.36 -0.09	20.33 1.41 -0.26	20.53 1.37 -0.74	18.60 1.32 0.00	18.99 1.33 -0.22	20.06 1.39 -0.07	24.47 1.55 0.00	20.18 1.19 0.00	21.36 1.17 0.00	21.49 1.07 0.00	21.32 0.98 0.00	19.61 0.83 0.00	18.42 0.82 0.00
GLENWOOD_IC_3_G1 23689	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.07 0.84 0.00	18.06 0.80 0.00	15.80 0.70 0.00	14.24 0.66 0.00	17.03 0.85 0.00	18.02 0.96 0.00	19.07 1.19 0.00	18.52 1.19 0.00	19.76 1.36 -0.09	20.33 1.41 -0.26	20.53 1.37 -0.74	18.60 1.32 0.00	18.99 1.33 -0.22	20.06 1.39 -0.07	24.47 1.55 0.00	20.18 1.19 0.00	21.36 1.17 0.00	21.49 1.07 0.00	21.32 0.98 0.00	19.61 0.83 0.00	18.42 0.82 0.00
GLENWOOD___4 23550	19.34 1.11 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.09 1.03 0.00	19.17 1.29 0.00	18.60 1.28 0.00	23.77 1.48 -3.99	31.81 1.53 -11.62	52.87 1.48 -32.96	18.70 1.41 -0.01	27.71 1.44 -8.83	22.86 1.51 -2.75	24.60 1.68 0.00	20.29 1.30 0.00	21.48 1.29 0.00	21.64 1.19 -0.03	21.41 1.07 0.00	19.68 0.91 0.00	18.49 0.89 0.00
GLENWOOD___5 23614	19.34 1.11 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.09 1.03 0.00	19.17 1.29 0.00	18.60 1.28 0.00	23.77 1.48 -3.99	31.81 1.53 -11.62	52.87 1.48 -32.96	18.70 1.41 -0.01	27.71 1.44 -8.83	22.86 1.51 -2.75	24.60 1.68 0.00	20.29 1.30 0.00	21.48 1.29 0.00	21.64 1.19 -0.03	21.41 1.07 0.00	19.68 0.91 0.00	18.49 0.89 0.00
GLOBAL GREEN_PORT_GT1 23814	19.98 1.75 0.00	20.07 1.64 0.00	18.62 1.50 0.00	18.72 1.48 0.00	18.69 1.42 0.00	16.38 1.28 0.00	14.93 1.36 0.00	17.90 1.72 0.00	18.92 1.85 0.00	20.16 2.29 0.00	19.47 2.14 0.00	26.49 2.54 -5.64	36.86 2.58 -15.62	67.64 2.62 -46.58	19.58 2.28 -0.02	24.67 2.29 -4.95	22.36 2.33 -1.42	25.43 2.51 0.00	21.04 2.05 0.00	22.45 2.26 0.00	22.55 2.12 -0.02	22.04 1.70 0.00	20.10 1.33 0.00	18.88 1.28 0.00
GLOBE___DSASP 323697	17.38 -0.86 0.00	17.75 -0.69 0.00	16.56 -0.56 0.00	16.53 -0.71 0.00	16.59 -0.67 0.00	14.61 -0.49 0.00	13.25 -0.33 0.00	15.71 -0.47 0.00	16.54 -0.53 0.00	17.33 -0.54 0.00	16.78 -0.54 0.00	17.47 -0.84 0.00	17.69 -0.97 0.00	17.60 -0.82 0.00	16.51 -0.77 0.00	16.68 -0.75 0.00	17.59 -1.01 0.00	21.63 -1.29 0.00	18.17 -0.82 0.00	19.35 -0.84 0.00	19.66 -0.76 0.00	19.58 -0.76 0.00	18.30 -0.47 0.00	17.14 -0.47 0.00
GOETHSLN___LBMP 323567	19.23 0.99 0.00	19.32 0.87 0.00	17.88 0.75 0.00	18.03 0.79 0.00	18.00 0.74 0.00	15.41 0.64 0.33	14.18 0.60 0.00	16.98 0.80 0.00	17.96 0.89 0.00	19.01 1.13 0.00	18.46 1.14 0.00	19.55 1.24 0.00	19.94 1.28 0.00	19.68 1.24 0.00	18.51 1.23 0.00	18.64 1.21 0.00	19.87 1.27 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.22 1.03 0.00	21.34 0.92 0.00	21.22 0.89 0.00	19.56 0.79 0.00	18.39 0.78 0.00
GOLAH___69_KV_TB 1_2 80279	18.20 -0.04 0.00	18.48 0.04 0.00	17.18 0.06 0.00	17.23 -0.01 0.00	17.27 0.01 0.00	15.18 0.08 0.00	13.73 0.15 0.00	16.34 0.16 0.00	17.14 0.07 0.00	17.94 0.06 0.00	17.35 0.02 0.00	18.15 -0.16 0.00	18.43 -0.23 0.00	18.27 -0.16 0.00	17.10 -0.18 0.00	17.28 -0.16 0.00	18.36 -0.24 0.00	22.66 -0.25 0.00	18.99 0.00 0.00	20.28 0.09 0.00	20.57 0.15 0.00	20.49 0.15 0.00	19.01 0.23 0.00	17.72 0.11 0.00
GOODYEAR_LAKE_HYD 323669	18.91 0.68 0.00	19.11 0.67 0.00	17.72 0.60 0.00	17.86 0.62 0.00	17.88 0.62 0.00	15.64 0.54 0.00	14.09 0.51 0.00	16.80 0.62 0.00	17.75 0.68 0.00	18.62 0.74 0.00	18.02 0.69 0.00	19.00 0.69 0.00	19.36 0.70 0.00	19.14 0.71 0.00	17.97 0.69 0.00	18.11 0.68 0.00	19.36 0.76 0.00	23.85 0.92 0.00	19.85 0.86 0.00	21.10 0.91 0.00	21.32 0.90 0.00	21.19 0.85 0.00	19.55 0.78 0.00	18.29 0.69 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.40 0.16 0.00	18.63 0.19 0.00	17.26 0.14 0.00	17.37 0.14 0.00	17.44 0.18 0.00	15.24 0.14 0.00	13.75 0.18 0.00	16.41 0.23 0.00	17.33 0.27 0.00	18.20 0.33 0.00	17.61 0.28 0.00	18.52 0.21 0.00	18.86 0.20 0.00	18.63 0.20 0.00	17.48 0.20 0.00	17.65 0.22 0.00	18.85 0.25 0.00	23.23 0.32 0.00	19.27 0.28 0.00	20.44 0.25 0.00	20.63 0.21 0.00	20.52 0.18 0.00	18.98 0.20 0.00	17.77 0.17 0.00
GOUDEY___7 23579	18.42 0.18 0.00	18.64 0.20 0.00	17.27 0.15 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.25 0.15 0.00	13.77 0.19 0.00	16.42 0.24 0.00	17.35 0.28 0.00	18.22 0.34 0.00	17.63 0.30 0.00	18.53 0.22 0.00	18.87 0.21 0.00	18.64 0.21 0.00	17.49 0.22 0.00	17.67 0.23 0.00	18.86 0.26 0.00	23.26 0.34 0.00	19.29 0.30 0.00	20.46 0.27 0.00	20.65 0.23 0.00	20.54 0.20 0.00	18.99 0.22 0.00	17.79 0.18 0.00
GOUDEY___8 23580	18.40 0.16 0.00	18.63 0.19 0.00	17.26 0.14 0.00	17.37 0.14 0.00	17.44 0.18 0.00	15.24 0.14 0.00	13.75 0.18 0.00	16.41 0.23 0.00	17.33 0.27 0.00	18.20 0.33 0.00	17.61 0.28 0.00	18.52 0.21 0.00	18.86 0.20 0.00	18.63 0.20 0.00	17.48 0.20 0.00	17.65 0.22 0.00	18.85 0.25 0.00	23.23 0.32 0.00	19.27 0.28 0.00	20.44 0.25 0.00	20.63 0.21 0.00	20.52 0.18 0.00	18.98 0.20 0.00	17.77 0.17 0.00
GOWANUS_GT1_1 24077	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_2 24078	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00

GOWANUS_GT1_3 24079	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_4 24080	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_5 24084	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_6 24111	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_7 24112	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT1_8 24113	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GOWANUS_GT2_1 24114	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_2 24115	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_3 24116	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_4 24117	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_5 24118	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_6 24119	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_7 24120	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT2_8 24121	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.22 0.00	19.66 1.35 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.63 1.35 0.00	18.75 1.32 0.00	20.00 1.40 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.36 1.18 0.00	21.49 1.07 0.00	21.37 1.04 0.00	19.69 0.91 0.00	18.48 0.88 0.00
GOWANUS_GT3_1 24122	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00

GOWANUS_GT3_2 24123	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_3 24124	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_4 24125	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_5 24126	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_6 24127	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_7 24128	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT3_8 24129	19.33 <u>1.09</u> 0.00	19.46 <u>1.03</u> 0.00	18.03 <u>0.90</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.23</u> 0.00	19.67 <u>1.37</u> 0.00	20.07 <u>1.41</u> 0.00	19.80 <u>1.38</u> 0.00	18.64 <u>1.36</u> 0.00	18.76 <u>1.33</u> 0.00	20.01 <u>1.41</u> 0.00	24.49 <u>1.57</u> 0.00	20.22 <u>1.23</u> 0.00	21.38 <u>1.19</u> 0.00	21.50 <u>1.08</u> 0.00	21.39 <u>1.05</u> 0.00	19.70 <u>0.92</u> 0.00	18.49 <u>0.89</u> 0.00
GOWANUS_GT4_1 24130	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_2 24131	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_3 24132	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_4 24133	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_5 24134	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_6 24135	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_7 24136	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00
GOWANUS_GT4_8 24137	19.33 <u>1.09</u> 0.00	19.47 <u>1.03</u> 0.00	18.03 <u>0.91</u> 0.00	18.18 <u>0.94</u> 0.00	18.17 <u>0.91</u> 0.00	15.90 <u>0.80</u> 0.00	14.33 <u>0.75</u> 0.00	17.15 <u>0.97</u> 0.00	18.11 <u>1.04</u> 0.00	19.10 <u>1.22</u> 0.00	18.55 <u>1.22</u> 0.00	19.67 <u>1.35</u> 0.00	20.06 <u>1.41</u> 0.00	19.80 <u>1.37</u> 0.00	18.63 <u>1.35</u> 0.00	18.75 <u>1.32</u> 0.00	20.00 <u>1.40</u> 0.00	24.48 <u>1.57</u> 0.00	20.20 <u>1.22</u> 0.00	21.36 <u>1.18</u> 0.00	21.49 <u>1.07</u> 0.00	21.37 <u>1.04</u> 0.00	19.69 <u>0.91</u> 0.00	18.48 <u>0.88</u> 0.00

GREENBSH_115KV_TB3 55895	18.73 0.49 0.00	18.92 0.48 0.00	17.57 0.45 0.00	17.69 0.45 0.00	17.70 0.43 0.00	15.46 0.36 0.00	13.81 0.24 0.00	16.39 0.21 0.00	17.27 0.20 0.00	18.16 0.28 0.00	17.67 0.34 0.00	18.71 0.40 0.00	19.07 0.42 0.00	18.81 0.38 0.00	17.64 0.36 0.00	17.84 0.40 0.00	19.01 0.41 0.00	23.39 0.47 0.00	19.26 0.28 0.00	20.43 0.25 0.00	20.63 0.21 0.00	20.60 0.26 0.00	18.96 0.18 0.00	17.81 0.20 0.00
GREENDGE_115KV_TB5 80291	18.23 -0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.20 -0.04 0.00	17.32 0.06 0.00	15.15 0.05 0.00	13.72 0.14 0.00	16.37 0.19 0.00	17.27 0.21 0.00	18.08 0.20 0.00	17.40 0.07 0.00	18.23 -0.08 0.00	18.54 -0.11 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.39 -0.05 0.00	18.57 -0.03 0.00	22.97 0.05 0.00	19.17 0.18 0.00	20.42 0.23 0.00	20.66 0.24 0.00	20.54 0.20 0.00	18.99 0.21 0.00	17.75 0.15 0.00
GREENIDGE___3 23582	18.23 -0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.20 -0.04 0.00	17.32 0.06 0.00	15.15 0.05 0.00	13.72 0.14 0.00	16.37 0.19 0.00	17.27 0.21 0.00	18.08 0.20 0.00	17.40 0.07 0.00	18.23 -0.08 0.00	18.54 -0.11 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.39 -0.05 0.00	18.57 -0.03 0.00	22.97 0.05 0.00	19.17 0.18 0.00	20.42 0.23 0.00	20.66 0.24 0.00	20.54 0.20 0.00	18.99 0.21 0.00	17.75 0.15 0.00
GREENIDGE___4 23583	18.23 -0.01 0.00	18.46 0.03 0.00	17.11 -0.01 0.00	17.20 -0.04 0.00	17.32 0.06 0.00	15.15 0.05 0.00	13.72 0.14 0.00	16.37 0.19 0.00	17.28 0.21 0.00	18.08 0.20 0.00	17.40 0.07 0.00	18.22 -0.09 0.00	18.54 -0.11 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.39 -0.05 0.00	18.57 -0.03 0.00	22.97 0.05 0.00	19.17 0.18 0.00	20.42 0.23 0.00	20.66 0.24 0.00	20.54 0.20 0.00	18.99 0.22 0.00	17.75 0.15 0.00
GREENLWN_69_KV_BK 3 55738	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.06 0.82 0.00	18.03 0.77 0.00	15.79 0.69 0.00	14.27 0.69 0.00	17.07 0.89 0.00	18.06 0.99 0.00	19.17 1.30 0.00	18.59 1.26 0.00	25.43 1.53 -5.59	35.74 1.58 -15.50	66.12 1.53 -46.16	18.75 1.46 -0.02	24.07 1.49 -5.14	21.64 1.55 -1.49	24.60 1.68 0.00	20.28 1.30 0.00	21.52 1.33 0.00	21.65 1.21 -0.02	21.31 0.97 0.00	19.50 0.73 0.00	18.36 0.75 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
GRISSOM___SOLAR 323813	20.07 1.84 0.00	20.25 1.81 0.00	18.78 1.66 0.00	18.91 1.66 0.00	18.91 1.65 0.00	16.58 1.48 0.00	14.93 1.35 0.00	17.76 1.58 0.00	18.64 1.57 0.00	19.33 1.45 0.00	18.62 1.29 0.00	19.73 1.42 0.00	20.20 1.55 0.00	20.07 1.63 0.00	18.82 1.55 0.00	18.74 1.31 0.00	20.31 1.71 0.00	25.15 2.23 0.00	21.14 2.16 0.00	22.60 2.41 0.00	22.91 2.49 0.00	22.75 2.41 0.00	20.92 2.14 0.00	19.49 1.89 0.00
GROVEVILLE___HYD 323602	19.30 1.05 0.00	19.40 0.97 0.00	17.98 0.86 0.00	18.11 0.87 0.00	18.11 0.84 0.00	15.84 0.74 0.00	14.26 0.69 0.00	17.04 0.86 0.00	18.02 0.96 0.00	19.01 1.14 0.00	18.50 1.18 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.72 1.29 0.00	18.54 1.26 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.48 1.56 0.00	20.20 1.22 0.00	21.39 1.20 0.00	21.52 1.10 0.00	21.40 1.07 0.00	19.70 0.93 0.00	18.48 0.87 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
HAMLTNNY_34_KV_TB 80303	18.23 -0.01 0.00	18.44 0.00 0.00	17.11 -0.01 0.00	17.21 -0.03 0.00	17.25 -0.02 0.00	15.07 -0.02 0.00	13.59 0.02 0.00	16.19 0.01 0.00	17.09 0.02 0.00	17.92 0.04 0.00	17.31 -0.01 0.00	18.23 -0.07 0.00	18.57 -0.08 0.00	18.37 -0.06 0.00	17.22 -0.06 0.00	17.39 -0.05 0.00	18.57 -0.03 0.00	22.89 -0.03 0.00	19.05 0.06 0.00	20.26 0.07 0.00	20.47 0.05 0.00	20.38 0.04 0.00	18.82 0.04 0.00	17.63 0.03 0.00
HAMPSHIRE___PAPER_HYD 323593	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.60 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.33 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
HARDSCRABBLE_WT_PWR 323673	18.27 0.03 0.00	18.49 0.05 0.00	17.15 0.03 0.00	17.26 0.02 0.00	17.28 0.01 0.00	15.12 0.02 0.00	13.59 0.01 0.00	16.13 -0.05 0.00	16.99 -0.08 0.00	17.87 -0.01 0.00	17.28 -0.04 0.00	18.25 -0.06 0.00	18.67 0.02 0.00	18.42 -0.01 0.00	17.26 -0.02 0.00	17.46 0.03 0.00	18.68 0.08 0.00	23.07 0.16 0.00	19.06 0.07 0.00	20.21 0.02 0.00	20.43 0.00 0.00	20.38 0.04 0.00	18.71 -0.06 0.00	17.51 -0.10 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.16 0.92 0.00	19.26 0.82 0.00	17.84 0.72 0.00	17.97 0.73 0.00	17.96 0.69 0.00	15.72 0.62 0.00	14.14 0.57 0.00	16.92 0.74 0.00	17.89 0.82 0.00	18.89 1.01 0.00	18.36 1.03 0.00	19.46 1.15 0.00	19.85 1.20 0.00	19.59 1.16 0.00	18.41 1.13 0.00	18.58 1.14 0.00	19.82 1.22 0.00	24.31 1.40 0.00	20.08 1.10 0.00	21.25 1.06 0.00	21.38 0.96 0.00	21.24 0.91 0.00	19.57 0.79 0.00	18.35 0.75 0.00
HARSNRAD_115KV_TB1 81005	17.81 -0.43 0.00	18.18 -0.26 0.00	16.94 -0.18 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.94 -0.16 0.00	13.56 -0.01 0.00	16.11 -0.07 0.00	16.96 -0.11 0.00	17.72 -0.16 0.00	17.14 -0.19 0.00	17.83 -0.48 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.78 -0.50 0.00	16.96 -0.48 0.00	17.87 -0.73 0.00	21.97 -0.95 0.00	18.46 -0.53 0.00	19.67 -0.52 0.00	19.97 -0.45 0.00	19.90 -0.44 0.00	18.58 -0.20 0.00	17.31 -0.30 0.00
HARZA MOOSE___RIVER 24016	18.60 0.36 0.00	18.85 0.41 0.00	17.51 0.39 0.00	17.62 0.39 0.00	17.63 0.36 0.00	15.40 0.30 0.00	13.78 0.20 0.00	16.30 0.12 0.00	17.20 0.13 0.00	17.85 -0.03 0.00	17.12 -0.20 0.00	18.09 -0.22 0.00	18.42 -0.23 0.00	18.16 -0.27 0.00	17.11 -0.17 0.00	17.23 -0.21 0.00	18.48 -0.13 0.00	22.86 -0.05 0.00	19.02 0.04 0.00	20.45 0.26 0.00	20.87 0.45 0.00	20.81 0.47 0.00	19.23 0.45 0.00	18.02 0.42 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	18.12 -0.12 0.00	18.33 -0.11 0.00	17.01 -0.11 0.00	17.10 -0.14 0.00	17.14 -0.12 0.00	14.99 -0.11 0.00	13.50 -0.08 0.00	16.08 -0.10 0.00	16.97 -0.10 0.00	17.78 -0.10 0.00	17.22 -0.10 0.00	18.15 -0.16 0.00	18.48 -0.18 0.00	18.28 -0.15 0.00	17.13 -0.14 0.00	17.28 -0.16 0.00	18.44 -0.16 0.00	22.75 -0.17 0.00	18.89 -0.09 0.00	20.08 -0.10 0.00	20.30 -0.12 0.00	20.22 -0.12 0.00	18.67 -0.10 0.00	17.50 -0.10 0.00
HELLGATE_13_KV_LD 55870	19.29 1.05 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.87 0.00	18.09 0.83 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.04 0.97 0.00	19.06 1.19 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.30 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.98 0.00	19.64 0.86 0.00	18.44 0.84 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	19.29 1.05 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.10 0.87 0.00	18.09 0.83 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.04 0.97 0.00	19.06 1.19 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.30 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.98 0.00	19.64 0.86 0.00	18.44 0.84 0.00
HEMPSTEAD____ 23647	19.27 1.03 0.00	19.36 0.92 0.00	17.93 0.81 0.00	18.04 0.80 0.00	18.02 0.76 0.00	15.78 0.68 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.11 1.23 0.00	18.54 1.21 0.00	24.31 1.45 -4.55	33.35 1.51 -13.19	57.49 1.46 -37.61	18.67 1.38 -0.01	28.23 1.42 -9.36	23.03 1.48 -2.95	24.54 1.63 0.00	20.24 1.25 0.00	21.45 1.26 0.00	21.60 1.15 -0.03	21.34 1.00 0.00	19.59 0.81 0.00	18.41 0.80 0.00
HEWLETT__69_KV_BK3 55828	19.45 1.21 0.00	19.53 1.09 0.00	18.08 0.97 0.00	18.20 0.96 0.00	18.17 0.91 0.00	15.91 0.81 0.00	14.36 0.78 0.00	17.17 0.99 0.00	18.17 1.10 0.00	19.27 1.39 0.00	18.70 1.37 0.00	25.02 1.64 -5.07	36.19 1.70 -15.83	61.99 1.64 -41.91	18.84 1.55 -0.01	39.95 1.60 -20.91	27.24 1.68 -6.97	24.78 1.87 0.00	20.45 1.45 -0.01	21.66 1.47 0.00	21.84 1.36 -0.05	21.54 1.20 0.00	19.78 1.00 -0.01	18.59 0.98 0.00
HICKLING__1 23621	18.26 0.02 0.00	18.50 0.07 0.00	17.14 0.02 0.00	17.25 0.01 0.00	17.41 0.15 0.00	15.22 0.12 0.00	13.79 0.22 0.00	16.50 0.32 0.00	17.46 0.39 0.00	18.32 0.45 0.00	17.65 0.33 0.00	18.44 0.13 0.00	18.76 0.11 0.00	18.57 0.14 0.00	17.43 0.16 0.00	17.63 0.19 0.00	18.81 0.21 0.00	23.25 0.33 0.00	19.30 0.31 0.00	20.48 0.29 0.00	20.68 0.26 0.00	20.56 0.22 0.00	19.05 0.27 0.00	17.83 0.23 0.00
HICKLING__2 23622	18.26 0.02 0.00	18.50 0.07 0.00	17.14 0.02 0.00	17.25 0.01 0.00	17.41 0.15 0.00	15.22 0.12 0.00	13.79 0.22 0.00	16.50 0.32 0.00	17.46 0.39 0.00	18.32 0.45 0.00	17.65 0.33 0.00	18.44 0.13 0.00	18.76 0.11 0.00	18.57 0.14 0.00	17.43 0.16 0.00	17.63 0.19 0.00	18.81 0.21 0.00	23.25 0.33 0.00	19.30 0.31 0.00	20.48 0.29 0.00	20.68 0.26 0.00	20.56 0.22 0.00	19.05 0.27 0.00	17.83 0.23 0.00
HIGH FALLS__HY 23754	19.10 0.86 0.00	19.18 0.74 0.00	17.76 0.64 0.00	17.90 0.65 0.00	17.88 0.62 0.00	15.65 0.55 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.87 0.80 0.00	18.83 0.95 0.00	18.29 0.97 0.00	19.39 1.08 0.00	19.82 1.17 0.00	19.52 1.09 0.00	18.42 1.14 0.00	18.58 1.15 0.00	19.79 1.18 0.00	24.30 1.39 0.00	20.07 1.09 0.00	21.30 1.11 0.00	21.42 1.00 0.00	21.28 0.94 0.00	19.58 0.81 0.00	18.34 0.74 0.00
HILLBURN__GT 23639	19.16 0.92 0.00	19.24 0.81 0.00	17.83 0.71 0.00	17.96 0.72 0.00	17.95 0.68 0.00	15.71 0.61 0.00	14.14 0.56 0.00	16.92 0.74 0.00	17.91 0.84 0.00	18.92 1.04 0.00	18.39 1.06 0.00	19.49 1.18 0.00	19.88 1.22 0.00	19.62 1.19 0.00	18.44 1.16 0.00	18.60 1.17 0.00	19.84 1.24 0.00	24.32 1.41 0.00	20.09 1.10 0.00	21.24 1.05 0.00	21.36 0.94 0.00	21.22 0.88 0.00	19.55 0.78 0.00	18.34 0.74 0.00
HILLSIDE_115KV_TB1 80332	18.11 -0.12 0.00	18.35 -0.09 0.00	16.99 -0.14 0.00	17.10 -0.14 0.00	17.23 -0.03 0.00	15.05 -0.05 0.00	13.63 0.06 0.00	16.30 0.12 0.00	17.25 0.19 0.00	18.14 0.26 0.00	17.51 0.18 0.00	18.33 0.02 0.00	18.65 0.00 0.00	18.43 0.00 0.00	17.30 0.03 0.00	17.49 0.05 0.00	18.67 0.07 0.00	23.02 0.11 0.00	19.08 0.09 0.00	20.21 0.02 0.00	20.36 -0.06 0.00	20.25 -0.09 0.00	18.77 -0.01 0.00	17.58 -0.02 0.00
HISHELDN_WT_PWR 323625	17.67 -0.57 0.00	17.98 -0.46 0.00	16.74 -0.38 0.00	16.79 -0.45 0.00	16.96 -0.30 0.00	14.86 -0.23 0.00	13.51 -0.07 0.00	16.18 0.00 0.00	17.11 0.05 0.00	17.90 0.03 0.00	17.21 -0.12 0.00	17.88 -0.43 0.00	18.15 -0.51 0.00	18.05 -0.38 0.00	16.92 -0.36 0.00	17.11 -0.33 0.00	18.12 -0.48 0.00	22.33 -0.58 0.00	18.68 -0.31 0.00	19.90 -0.29 0.00	20.19 -0.23 0.00	20.10 -0.25 0.00	18.70 -0.07 0.00	17.48 -0.12 0.00
HOLTSVILLE_IC_1 23690	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	19.58 1.08 0.00	18.44 0.81 0.00	
HOLTSVILLE_IC_10 23699	19.48 1.24 0.00	19.56 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.31 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.75 1.81 -5.63	36.09 1.85 -15.59	66.78 1.87 -46.48	19.02 1.72 -0.02	24.12 1.68 -5.02	21.79 1.74 -1.44	24.74 1.83 0.00	20.45 1.47 0.00	21.77 1.58 0.00	21.89 1.45 -0.02	21.50 1.16 0.00	19.65 0.87 0.00	18.49 0.89 0.00
HOLTSVILLE_IC_2 23691	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	19.58 1.08 0.00	18.44 0.81 0.00	
HOLTSVILLE_IC_3 23692	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	19.58 1.08 0.00	18.44 0.81 0.00	

HOLTSVILLE_IC_4 23693	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	21.42 1.08 0.00	19.58 0.81 0.00	18.44 0.84 0.00
HOLTSVILLE_IC_5 23694	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	21.42 1.08 0.00	19.58 0.81 0.00	18.44 0.84 0.00
HOLTSVILLE_IC_6 23695	19.48 1.24 0.00	19.56 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.31 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.75 1.81 -5.63	36.09 1.85 -15.59	66.78 1.87 -46.48	19.02 1.72 -0.02	24.12 1.68 -5.02	21.79 1.74 -1.44	24.74 1.83 0.00	20.45 1.47 0.00	21.77 1.58 0.00	21.89 1.45 -0.02	21.50 1.16 0.00	19.65 0.87 0.00	18.49 0.89 0.00
HOLTSVILLE_IC_7 23696	19.48 1.24 0.00	19.56 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.31 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.75 1.81 -5.63	36.09 1.85 -15.59	66.78 1.87 -46.48	19.02 1.72 -0.02	24.12 1.68 -5.02	21.79 1.74 -1.44	24.74 1.83 0.00	20.45 1.47 0.00	21.77 1.58 0.00	21.89 1.45 -0.02	21.50 1.16 0.00	19.65 0.87 0.00	18.49 0.89 0.00
HOLTSVILLE_IC_8 23697	19.48 1.24 0.00	19.56 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.31 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.75 1.81 -5.63	36.09 1.85 -15.59	66.78 1.87 -46.48	19.02 1.72 -0.02	24.12 1.68 -5.02	21.79 1.74 -1.44	24.74 1.83 0.00	20.45 1.47 0.00	21.77 1.58 0.00	21.89 1.45 -0.02	21.50 1.16 0.00	19.65 0.87 0.00	18.49 0.89 0.00
HOLTSVILLE_IC_9 23698	19.48 1.24 0.00	19.56 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.31 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.75 1.81 -5.63	36.09 1.85 -15.59	66.78 1.87 -46.48	19.02 1.72 -0.02	24.12 1.68 -5.02	21.79 1.74 -1.44	24.74 1.83 0.00	20.45 1.47 0.00	21.77 1.58 0.00	21.89 1.45 -0.02	21.50 1.16 0.00	19.65 0.87 0.00	18.49 0.89 0.00
HOMER_HL_115KV_TB2 355744	18.27 0.03 0.00	18.58 0.14 0.00	17.25 0.13 0.00	17.31 0.07 0.00	17.42 0.15 0.00	15.28 0.18 0.00	13.83 0.25 0.00	16.56 0.38 0.00	17.57 0.50 0.00	18.47 0.60 0.00	17.87 0.54 0.00	18.57 0.26 0.00	18.80 0.15 0.00	18.61 0.18 0.00	17.41 0.14 0.00	17.66 0.22 0.00	18.78 0.18 0.00	23.11 0.19 0.00	19.24 0.25 0.00	20.33 0.15 0.00	20.47 0.05 0.00	20.35 0.01 0.00	18.98 0.20 0.00	17.72 0.11 0.00
HOWARD_WT_PWR 323690	17.70 -0.54 0.00	17.98 -0.46 0.00	16.68 -0.44 0.00	16.77 -0.47 0.00	17.09 -0.17 0.00	15.03 -0.06 0.00	13.67 0.10 0.00	16.41 0.23 0.00	17.35 0.28 0.00	18.08 0.20 0.00	17.22 -0.11 0.00	17.90 -0.41 0.00	18.11 -0.54 0.00	18.03 -0.40 0.00	16.94 -0.34 0.00	17.10 -0.34 0.00	18.24 -0.37 0.00	22.61 -0.31 0.00	18.79 -0.20 0.00	20.05 -0.13 0.00	20.48 0.05 0.00	20.29 -0.05 0.00	18.88 0.10 0.00	17.74 0.14 0.00
HQ_GEN_CEDARS 23644	18.14 -0.10 0.00	18.35 -0.09 0.00	17.06 -0.06 0.00	17.18 -0.06 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.04 -0.03 0.00	17.71 -0.17 0.00	17.12 -0.20 0.00	18.13 -0.18 0.00	18.47 -0.18 0.00	18.26 -0.16 0.00	17.12 -0.16 0.00	17.28 -0.16 0.00	18.45 -0.15 0.00	22.79 -0.13 0.00	18.93 -0.06 0.00	20.22 0.03 0.00	20.57 0.14 0.00	20.47 0.13 0.00	18.93 0.15 0.00	17.72 0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	18.14 -0.10 0.00	18.35 -0.08 0.00	17.06 -0.06 0.00	17.18 -0.06 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.04 -0.03 0.00	17.71 -0.17 0.00	17.12 -0.20 0.00	18.13 -0.18 0.00	18.47 -0.18 0.00	18.26 -0.16 0.00	17.12 -0.16 0.00	17.28 -0.16 0.00	18.45 -0.15 0.00	22.79 -0.13 0.00	18.93 -0.06 0.00	20.22 0.03 0.00	20.57 0.14 0.00	20.47 0.13 0.00	18.93 0.15 0.00	17.72 0.12 0.00
HQ_GEN_IMPORT 323601	18.07 -0.17 0.00	18.27 -0.17 0.00	16.98 -0.14 0.00	17.09 -0.14 0.00	17.13 -0.13 0.00	14.99 -0.11 0.00	13.47 -0.10 0.00	16.08 -0.10 0.00	16.96 -0.11 0.00	17.69 -0.18 0.00	17.13 -0.19 0.00	18.12 -0.18 0.00	18.46 -0.19 0.00	18.25 -0.18 0.00	17.10 -0.18 0.00	17.26 -0.18 0.00	18.42 -0.19 0.00	22.72 -0.20 0.00	18.84 -0.15 0.00	20.07 -0.12 0.00	20.35 -0.07 0.00	20.26 -0.08 0.00	18.72 -0.06 0.00	17.54 -0.07 0.00
HQ_GEN_WHEEL 23651	18.07 -0.17 0.00	18.27 -0.17 0.00	16.98 -0.14 0.00	17.09 -0.14 0.00	17.13 -0.13 0.00	14.99 -0.11 0.00	13.47 -0.10 0.00	16.08 -0.10 0.00	16.96 -0.11 0.00	17.69 -0.18 0.00	17.13 -0.19 0.00	18.12 -0.18 0.00	18.46 -0.19 0.00	18.25 -0.18 0.00	17.10 -0.18 0.00	17.26 -0.18 0.00	18.42 -0.19 0.00	22.72 -0.20 0.00	18.84 -0.15 0.00	20.07 -0.12 0.00	20.35 -0.07 0.00	20.26 -0.08 0.00	18.72 -0.06 0.00	17.54 -0.07 0.00
HUDSON_AVE_GT_3 23810	19.33 1.09 0.00	19.43 0.99 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.08 0.90 0.00	18.07 1.00 0.00	19.11 1.23 0.00	18.56 1.24 0.00	19.66 1.36 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.62 1.34 0.00	18.76 1.33 0.00	19.99 1.39 0.00	24.48 1.56 0.00	20.18 1.20 0.00	21.34 1.15 0.00	21.46 1.04 0.00	21.35 1.01 0.00	19.68 0.91 0.00	18.48 0.88 0.00
HUDSON_AVE_GT_4 23540	19.33 1.09 0.00	19.43 0.99 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.08 0.90 0.00	18.07 1.00 0.00	19.11 1.23 0.00	18.56 1.24 0.00	19.66 1.36 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.62 1.34 0.00	18.76 1.33 0.00	19.99 1.39 0.00	24.48 1.56 0.00	20.18 1.20 0.00	21.34 1.15 0.00	21.46 1.04 0.00	21.35 1.01 0.00	19.68 0.91 0.00	18.48 0.88 0.00
HUDSON_AVE_GT_5 23657	19.33 1.09 0.00	19.43 0.99 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.84 0.00	15.84 0.74 0.00	14.27 0.69 0.00	17.08 0.90 0.00	18.07 1.00 0.00	19.11 1.23 0.00	18.56 1.24 0.00	19.66 1.36 0.00	20.06 1.41 0.00	19.80 1.37 0.00	18.62 1.34 0.00	18.76 1.33 0.00	19.99 1.39 0.00	24.48 1.56 0.00	20.18 1.20 0.00	21.34 1.15 0.00	21.46 1.04 0.00	21.35 1.01 0.00	19.68 0.91 0.00	18.48 0.88 0.00

HUDSON_AVE_10 24168	19.24 1.01 0.00	19.35 0.91 0.00	17.92 0.80 0.00	18.06 0.82 0.00	18.05 0.78 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	18.01 0.94 0.00	19.03 1.15 0.00	18.47 1.14 0.00	19.57 1.26 0.00	19.96 1.31 0.00	19.70 1.27 0.00	18.53 1.26 0.00	18.67 1.23 0.00	19.90 1.30 0.00	24.36 1.44 0.00	20.09 1.11 0.00	21.24 1.05 0.00	21.37 0.95 0.00	21.26 0.92 0.00	19.61 0.83 0.00	18.41 0.81 0.00
HUDSON___115KV_TB 4 355613	19.03 0.79 0.00	19.22 0.78 0.00	17.85 0.73 0.00	17.98 0.74 0.00	17.99 0.72 0.00	15.71 0.61 0.00	14.04 0.47 0.00	16.64 0.46 0.00	17.50 0.43 0.00	18.34 0.46 0.00	17.86 0.53 0.00	18.92 0.61 0.00	19.26 0.60 0.00	19.00 0.57 0.00	17.82 0.54 0.00	18.05 0.61 0.00	19.29 0.69 0.00	23.75 0.84 0.00	19.63 0.64 0.00	20.85 0.66 0.00	21.09 0.67 0.00	21.04 0.70 0.00	19.33 0.55 0.00	18.12 0.52 0.00
HUNTER MOUNT___DRP 323613	19.11 0.87 0.00	19.32 0.87 0.00	17.94 0.82 0.00	18.07 0.83 0.00	18.08 0.82 0.00	15.79 0.69 0.00	14.11 0.53 0.00	16.70 0.52 0.00	17.53 0.46 0.00	18.34 0.47 0.00	17.89 0.56 0.00	18.95 0.65 0.00	19.28 0.63 0.00	19.02 0.59 0.00	17.82 0.54 0.00	18.06 0.63 0.00	19.33 0.73 0.00	23.82 0.90 0.00	19.70 0.72 0.00	20.95 0.76 0.00	21.21 0.78 0.00	21.17 0.82 0.00	19.43 0.65 0.00	18.20 0.59 0.00
HUNTINGTON_RES_REC 323705	19.36 1.12 0.00	19.45 1.01 0.00	18.03 0.90 0.00	18.13 0.89 0.00	18.10 0.83 0.00	15.85 0.75 0.00	14.34 0.76 0.00	17.17 0.99 0.00	18.15 1.08 0.00	19.29 1.41 0.00	18.69 1.37 0.00	25.60 1.67 -5.62	35.94 1.71 -15.57	66.53 1.69 -46.40	18.87 1.57 -0.02	24.02 1.56 -5.02	21.69 1.64 -1.45	24.69 1.77 0.00	20.37 1.39 0.00	21.65 1.46 0.00	21.77 1.33 -0.02	21.41 1.07 0.00	19.57 0.79 0.00	18.41 0.81 0.00
HUNTLEY___63 23557	17.79 -0.45 0.00	18.14 -0.29 0.00	16.90 -0.22 0.00	16.89 -0.35 0.00	16.97 -0.30 0.00	14.92 -0.18 0.00	13.53 -0.04 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.74 -0.13 0.00	17.16 -0.17 0.00	17.86 -0.45 0.00	18.10 -0.56 0.00	18.00 -0.43 0.00	16.85 -0.43 0.00	17.04 -0.40 0.00	17.97 -0.63 0.00	22.10 -0.81 0.00	18.56 -0.43 0.00	19.76 -0.42 0.00	20.06 -0.36 0.00	19.98 -0.36 0.00	18.65 -0.13 0.00	17.41 -0.20 0.00
HUNTLEY___64 23558	17.79 -0.45 0.00	18.14 -0.29 0.00	16.90 -0.22 0.00	16.89 -0.35 0.00	16.97 -0.30 0.00	14.92 -0.18 0.00	13.53 -0.04 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.74 -0.13 0.00	17.16 -0.17 0.00	17.86 -0.45 0.00	18.10 -0.56 0.00	18.00 -0.43 0.00	16.85 -0.43 0.00	17.04 -0.40 0.00	17.97 -0.63 0.00	22.10 -0.81 0.00	18.56 -0.43 0.00	19.76 -0.42 0.00	20.06 -0.36 0.00	19.98 -0.36 0.00	18.65 -0.13 0.00	17.41 -0.20 0.00
HUNTLEY___65 23559	17.79 -0.45 0.00	18.14 -0.29 0.00	16.90 -0.22 0.00	16.89 -0.35 0.00	16.97 -0.30 0.00	14.92 -0.18 0.00	13.53 -0.04 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.74 -0.13 0.00	17.16 -0.17 0.00	17.86 -0.45 0.00	18.10 -0.56 0.00	18.00 -0.43 0.00	16.85 -0.43 0.00	17.04 -0.40 0.00	17.97 -0.63 0.00	22.10 -0.81 0.00	18.56 -0.43 0.00	19.76 -0.42 0.00	20.06 -0.36 0.00	19.98 -0.36 0.00	18.65 -0.13 0.00	17.41 -0.20 0.00
HUNTLEY___66 23560	17.79 -0.45 0.00	18.14 -0.29 0.00	16.90 -0.22 0.00	16.89 -0.35 0.00	16.97 -0.30 0.00	14.92 -0.18 0.00	13.53 -0.04 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.74 -0.13 0.00	17.16 -0.17 0.00	17.86 -0.45 0.00	18.10 -0.56 0.00	18.00 -0.43 0.00	16.85 -0.43 0.00	17.04 -0.40 0.00	17.97 -0.63 0.00	22.10 -0.81 0.00	18.56 -0.43 0.00	19.76 -0.42 0.00	20.06 -0.36 0.00	19.98 -0.36 0.00	18.65 -0.13 0.00	17.41 -0.20 0.00
HUNTLEY___67 23561	17.78 -0.46 0.00	18.14 -0.30 0.00	16.89 -0.23 0.00	16.89 -0.35 0.00	16.97 -0.29 0.00	14.91 -0.18 0.00	13.54 -0.04 0.00	16.10 -0.08 0.00	16.97 -0.09 0.00	17.77 -0.10 0.00	17.19 -0.14 0.00	17.89 -0.42 0.00	18.13 -0.53 0.00	18.02 -0.41 0.00	16.86 -0.42 0.00	17.04 -0.40 0.00	17.99 -0.61 0.00	22.13 -0.79 0.00	18.54 -0.44 0.00	19.74 -0.44 0.00	20.03 -0.39 0.00	19.95 -0.38 0.00	18.62 -0.15 0.00	17.36 -0.24 0.00
HUNTLEY___68 23562	17.78 -0.46 0.00	18.14 -0.30 0.00	16.89 -0.23 0.00	16.89 -0.35 0.00	16.97 -0.29 0.00	14.91 -0.18 0.00	13.54 -0.04 0.00	16.10 -0.08 0.00	16.97 -0.09 0.00	17.77 -0.10 0.00	17.19 -0.14 0.00	17.89 -0.42 0.00	18.13 -0.53 0.00	18.02 -0.41 0.00	16.86 -0.42 0.00	17.04 -0.40 0.00	17.99 -0.61 0.00	22.13 -0.79 0.00	18.54 -0.44 0.00	19.74 -0.44 0.00	20.03 -0.39 0.00	19.95 -0.38 0.00	18.62 -0.15 0.00	17.36 -0.24 0.00
HYLAND___LFGE 323620	18.52 0.28 0.00	18.79 0.35 0.00	17.45 0.33 0.00	17.50 0.26 0.00	17.63 0.37 0.00	15.47 0.38 0.00	14.00 0.43 0.00	16.46 0.28 0.00	17.20 0.13 0.00	17.99 0.11 0.00	17.32 -0.01 0.00	18.06 -0.25 0.00	18.33 -0.32 0.00	18.21 -0.22 0.00	17.07 -0.21 0.00	17.25 -0.19 0.00	18.33 -0.27 0.00	22.67 -0.24 0.00	18.94 -0.05 0.00	20.30 0.11 0.00	21.12 0.70 0.00	21.17 0.83 0.00	19.60 0.82 0.00	18.23 0.63 0.00
INDECK___CORINTH 23802	19.70 1.47 0.00	19.83 1.39 0.00	18.39 1.27 0.00	18.50 1.26 0.00	18.51 1.25 0.00	16.19 1.10 0.00	14.57 1.00 0.00	17.36 1.18 0.00	18.30 1.24 0.00	19.22 1.34 0.00	18.62 1.29 0.00	19.65 1.34 0.00	20.08 1.43 0.00	19.59 1.16 0.00	18.34 1.07 0.00	18.62 1.18 0.00	19.94 1.34 0.00	24.79 1.87 0.00	20.46 1.47 0.00	21.72 1.54 0.00	21.96 1.54 0.00	21.83 1.50 0.00	20.09 1.31 0.00	18.86 1.26 0.00
INDECK___ILION 23567	18.30 0.06 0.00	18.50 0.06 0.00	17.17 0.04 0.00	17.29 0.05 0.00	17.30 0.04 0.00	15.13 0.03 0.00	13.60 0.02 0.00	16.17 -0.01 0.00	17.05 -0.02 0.00	17.91 0.03 0.00	17.35 0.02 0.00	18.34 0.03 0.00	18.72 0.07 0.00	18.47 0.05 0.00	17.31 0.04 0.00	17.50 0.06 0.00	18.70 0.09 0.00	23.05 0.14 0.00	19.07 0.08 0.00	20.25 0.06 0.00	20.46 0.04 0.00	20.39 0.05 0.00	18.77 -0.01 0.00	17.58 -0.03 0.00
INDECK___OLEAN 23982	18.27 0.04 0.00	18.58 0.14 0.00	17.25 0.13 0.00	17.31 0.07 0.00	17.42 0.15 0.00	15.28 0.18 0.00	13.83 0.25 0.00	16.56 0.38 0.00	17.57 0.50 0.00	18.48 0.60 0.00	17.87 0.54 0.00	18.57 0.26 0.00	18.80 0.15 0.00	18.61 0.18 0.00	17.41 0.14 0.00	17.66 0.22 0.00	18.78 0.18 0.00	23.11 0.19 0.00	19.24 0.25 0.00	20.33 0.15 0.00	20.48 0.05 0.00	20.35 0.01 0.00	18.98 0.20 0.00	17.72 0.11 0.00
INDECK___OSWEGO 23783	17.94 -0.29 0.00	18.15 -0.28 0.00	16.85 -0.27 0.00	16.96 -0.28 0.00	16.98 -0.28 0.00	14.85 -0.25 0.00	13.36 -0.21 0.00	15.90 -0.28 0.00	16.76 -0.31 0.00	17.56 -0.32 0.00	16.99 -0.34 0.00	17.92 -0.38 0.00	18.25 -0.41 0.00	18.03 -0.40 0.00	16.90 -0.38 0.00	17.03 -0.40 0.00	18.18 -0.42 0.00	22.42 -0.50 0.00	18.61 -0.37 0.00	19.81 -0.37 0.00	20.07 -0.35 0.00	19.99 -0.35 0.00	18.46 -0.32 0.00	17.32 -0.28 0.00



INDECK___YERKES 23781	17.78 -0.46 0.00	18.13 -0.31 0.00	16.90 -0.22 0.00	16.88 -0.36 0.00	16.96 -0.31 0.00	14.90 -0.19 0.00	13.53 -0.05 0.00	16.07 -0.10 0.00	16.94 -0.13 0.00	17.74 -0.14 0.00	17.15 -0.18 0.00	17.85 -0.46 0.00	18.09 -0.56 0.00	17.99 -0.43 0.00	16.84 -0.43 0.00	17.03 -0.41 0.00	17.97 -0.63 0.00	22.10 -0.82 0.00	18.55 -0.43 0.00	19.75 -0.43 0.00	20.05 -0.36 0.00	19.97 -0.37 0.00	18.64 -0.14 0.00	17.39 -0.21 0.00
INDIAN POINT_GT_1 24139	19.17 0.93 0.00	19.26 0.82 0.00	17.85 0.73 0.00	17.98 0.73 0.00	17.97 0.70 0.00	15.72 0.62 0.00	14.15 0.58 0.00	16.93 0.75 0.00	17.91 0.84 0.00	18.92 1.04 0.00	18.38 1.06 0.00	19.48 1.17 0.00	19.87 1.21 0.00	19.60 1.17 0.00	18.43 1.16 0.00	18.58 1.15 0.00	19.81 1.21 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.20 1.01 0.00	21.32 0.90 0.00	21.20 0.86 0.00	19.53 0.76 0.00	18.33 0.73 0.00
INDIAN POINT_GT_2 23659	19.17 0.93 0.00	19.26 0.82 0.00	17.85 0.73 0.00	17.98 0.73 0.00	17.97 0.70 0.00	15.72 0.62 0.00	14.15 0.58 0.00	16.93 0.75 0.00	17.91 0.84 0.00	18.92 1.04 0.00	18.38 1.06 0.00	19.48 1.17 0.00	19.87 1.21 0.00	19.60 1.17 0.00	18.43 1.16 0.00	18.58 1.15 0.00	19.81 1.21 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.20 1.01 0.00	21.32 0.90 0.00	21.20 0.86 0.00	19.53 0.76 0.00	18.33 0.73 0.00
INDIAN POINT_GT_3 24019	19.17 0.93 0.00	19.26 0.82 0.00	17.85 0.73 0.00	17.98 0.73 0.00	17.97 0.70 0.00	15.72 0.62 0.00	14.15 0.58 0.00	16.93 0.75 0.00	17.91 0.84 0.00	18.92 1.04 0.00	18.38 1.06 0.00	19.48 1.17 0.00	19.87 1.21 0.00	19.60 1.17 0.00	18.43 1.16 0.00	18.58 1.15 0.00	19.81 1.21 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.20 1.01 0.00	21.32 0.90 0.00	21.20 0.86 0.00	19.53 0.76 0.00	18.33 0.73 0.00
INDIAN POINT___2 23530	19.14 0.90 0.00	19.24 0.80 0.00	17.82 0.70 0.00	17.96 0.72 0.00	17.94 0.68 0.00	15.70 0.61 0.00	14.13 0.56 0.00	16.90 0.73 0.00	17.89 0.82 0.00	18.90 1.02 0.00	18.36 1.04 0.00	19.46 1.15 0.00	19.84 1.19 0.00	19.58 1.15 0.00	18.41 1.13 0.00	18.57 1.13 0.00	19.79 1.19 0.00	24.25 1.34 0.00	20.02 1.04 0.00	21.18 0.99 0.00	21.30 0.88 0.00	21.18 0.84 0.00	19.51 0.74 0.00	18.31 0.71 0.00
INDIAN POINT___3 23531	19.15 0.91 0.00	19.25 0.81 0.00	17.83 0.71 0.00	17.96 0.72 0.00	17.96 0.69 0.00	15.71 0.61 0.00	14.14 0.56 0.00	16.91 0.73 0.00	17.89 0.82 0.00	18.90 1.02 0.00	18.37 1.05 0.00	19.46 1.16 0.00	19.85 1.20 0.00	19.59 1.16 0.00	18.41 1.14 0.00	18.57 1.13 0.00	19.79 1.19 0.00	24.26 1.34 0.00	20.02 1.04 0.00	21.18 0.99 0.00	21.30 0.88 0.00	21.18 0.84 0.00	19.51 0.74 0.00	18.32 0.72 0.00
INGHAM_C_115KV_TB7 356103	18.25 0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.24 0.00 0.00	17.25 -0.01 0.00	15.08 -0.02 0.00	13.54 -0.04 0.00	16.07 -0.11 0.00	16.91 -0.16 0.00	17.81 -0.07 0.00	17.25 -0.07 0.00	18.26 -0.05 0.00	18.69 0.03 0.00	18.41 -0.02 0.00	17.23 -0.04 0.00	17.45 0.02 0.00	18.68 0.08 0.00	23.06 0.15 0.00	19.03 0.04 0.00	20.16 -0.03 0.00	20.36 -0.05 0.00	20.32 -0.02 0.00	18.63 -0.15 0.00	17.42 -0.18 0.00
IP CORINTH___1 23988	19.70 1.47 0.00	19.83 1.39 0.00	18.39 1.27 0.00	18.50 1.26 0.00	18.51 1.25 0.00	16.19 1.10 0.00	14.57 1.00 0.00	17.36 1.18 0.00	18.30 1.24 0.00	19.22 1.34 0.00	18.62 1.29 0.00	19.65 1.34 0.00	20.08 1.43 0.00	19.59 1.16 0.00	18.34 1.07 0.00	18.62 1.18 0.00	19.94 1.34 0.00	24.79 1.87 0.00	20.46 1.47 0.00	21.72 1.54 0.00	21.96 1.54 0.00	21.84 1.50 0.00	20.08 1.31 0.00	18.87 1.26 0.00
IP___TICONDEROGA 23804	20.75 2.51 0.00	20.68 2.25 0.00	19.21 2.09 0.00	19.26 2.02 0.00	19.31 2.04 0.00	16.90 1.81 0.00	15.27 1.70 0.00	18.20 2.02 0.00	19.20 2.14 0.00	20.17 2.29 0.00	19.78 2.45 0.00	20.80 2.49 0.00	21.25 2.59 0.00	20.77 2.34 0.00	19.41 2.13 0.00	19.71 2.27 0.00	20.86 2.25 0.00	25.97 3.06 0.00	21.39 2.41 0.00	22.72 2.53 0.00	22.99 2.57 0.00	22.80 2.46 0.00	21.02 2.25 0.00	19.82 2.21 0.00
ISLIP_RES_REC 323679	19.54 1.30 0.00	19.61 1.17 0.00	18.19 1.07 0.00	18.28 1.04 0.00	18.25 0.98 0.00	15.99 0.89 0.00	14.50 0.92 0.00	17.37 1.19 0.00	18.35 1.29 0.00	19.48 1.60 0.00	18.89 1.56 0.00	25.80 1.87 -5.62	36.13 1.91 -15.57	66.76 1.93 -46.40	19.07 1.77 -0.02	24.23 1.72 -5.07	21.87 1.81 -1.47	24.84 1.92 0.00	20.53 1.54 0.00	21.85 1.66 0.00	21.97 1.53 -0.02	21.58 1.24 0.00	19.71 0.94 0.00	18.55 0.94 0.00
JAMAICA__27_KV_LOAD 355505	19.36 1.12 0.00	19.48 1.04 0.00	18.05 0.93 0.00	18.19 0.95 0.00	18.20 0.93 0.00	15.94 0.84 0.00	14.36 0.78 0.00	17.19 1.01 0.00	18.15 1.08 0.00	19.14 1.26 0.00	18.54 1.21 0.00	19.64 1.34 0.00	20.05 1.40 0.00	19.79 1.36 0.00	18.61 1.33 0.00	18.75 1.32 0.00	19.99 1.39 0.00	24.48 1.56 0.00	20.20 1.21 0.00	21.37 1.18 0.00	21.50 1.08 0.00	21.39 1.06 0.00	19.73 0.95 0.00	18.51 0.91 0.00
JANIS___SOLAR 323808	18.94 0.70 0.00	19.15 0.71 0.00	17.74 0.62 0.00	17.84 0.60 0.00	17.90 0.63 0.00	15.65 0.55 0.00	14.10 0.52 0.00	16.73 0.55 0.00	17.54 0.47 0.00	18.24 0.36 0.00	17.55 0.22 0.00	18.45 0.14 0.00	18.77 0.11 0.00	18.52 0.09 0.00	17.40 0.12 0.00	17.60 0.17 0.00	18.92 0.32 0.00	23.50 0.59 0.00	19.72 0.73 0.00	21.11 0.92 0.00	21.41 0.99 0.00	21.31 0.97 0.00	19.62 0.84 0.00	18.30 0.69 0.00
JARVIS____ 23743	18.29 0.05 0.00	18.49 0.05 0.00	17.17 0.05 0.00	17.29 0.05 0.00	17.30 0.04 0.00	15.13 0.03 0.00	13.60 0.03 0.00	16.20 0.02 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.36 0.04 0.00	18.35 0.04 0.00	18.70 0.05 0.00	18.47 0.04 0.00	17.31 0.03 0.00	17.47 0.04 0.00	18.65 0.05 0.00	22.96 0.05 0.00	19.02 0.04 0.00	20.22 0.03 0.00	20.44 0.02 0.00	20.36 0.02 0.00	18.79 0.02 0.00	17.62 0.02 0.00
JENNISON___1 23625	19.05 0.81 0.00	19.27 0.83 0.00	17.85 0.73 0.00	17.97 0.73 0.00	18.02 0.76 0.00	15.76 0.66 0.00	14.20 0.62 0.00	16.89 0.71 0.00	17.79 0.73 0.00	18.61 0.74 0.00	17.97 0.65 0.00	18.92 0.61 0.00	19.26 0.61 0.00	19.01 0.58 0.00	17.85 0.57 0.00	18.06 0.63 0.00	19.36 0.76 0.00	23.98 1.06 0.00	19.98 1.00 0.00	21.26 1.08 0.00	21.51 1.09 0.00	21.40 1.06 0.00	19.70 0.93 0.00	18.39 0.78 0.00
JENNISON___2 23626	19.05 0.81 0.00	19.27 0.83 0.00	17.85 0.73 0.00	17.97 0.73 0.00	18.02 0.76 0.00	15.76 0.66 0.00	14.20 0.62 0.00	16.89 0.71 0.00	17.79 0.73 0.00	18.61 0.74 0.00	17.97 0.65 0.00	18.92 0.61 0.00	19.26 0.61 0.00	19.01 0.58 0.00	17.85 0.57 0.00	18.06 0.63 0.00	19.36 0.76 0.00	23.98 1.06 0.00	19.98 1.00 0.00	21.26 1.08 0.00	21.51 1.09 0.00	21.40 1.06 0.00	19.70 0.93 0.00	18.39 0.78 0.00

JERICO_RISE_WT_PWR 323719	18.25 0.01 0.00	18.35 -0.09 0.00	17.14 0.02 0.00	17.31 0.06 0.00	17.49 0.22 0.00	15.28 0.19 0.00	13.72 0.15 0.00	16.45 0.27 0.00	17.21 0.14 0.00	17.71 -0.16 0.00	17.16 -0.17 0.00	18.04 -0.27 0.00	18.42 -0.24 0.00	18.27 -0.16 0.00	17.08 -0.20 0.00	17.37 -0.07 0.00	18.49 -0.11 0.00	23.07 0.15 0.00	19.12 0.13 0.00	20.53 0.34 0.00	21.06 0.64 0.00	20.88 0.54 0.00	19.39 0.61 0.00	18.16 0.55 0.00
KATONAH__115KV_46KV_TB4 355592	19.26 1.02 0.00	19.36 0.93 0.00	17.94 0.82 0.00	18.07 0.83 0.00	18.06 0.80 0.00	15.80 0.71 0.00	14.23 0.65 0.00	17.02 0.84 0.00	18.01 0.94 0.00	19.03 1.15 0.00	18.50 1.18 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.72 1.29 0.00	18.54 1.26 0.00	18.70 1.26 0.00	19.92 1.32 0.00	24.42 1.50 0.00	20.15 1.16 0.00	21.31 1.12 0.00	21.45 1.03 0.00	21.32 0.98 0.00	19.63 0.86 0.00	18.43 0.82 0.00
KCE_NY_1 323755	19.39 1.16 0.00	19.58 1.14 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.31 1.04 0.00	15.99 0.90 0.00	14.37 0.80 0.00	17.13 0.94 0.00	18.02 0.95 0.00	18.91 1.04 0.00	18.39 1.06 0.00	19.43 1.12 0.00	19.83 1.18 0.00	19.50 1.08 0.00	18.26 0.99 0.00	18.52 1.08 0.00	19.75 1.15 0.00	24.45 1.53 0.00	20.14 1.15 0.00	21.40 1.21 0.00	21.61 1.19 0.00	21.51 1.18 0.00	19.78 1.01 0.00	18.56 0.95 0.00
KCE_NY_6_ESR 323823	17.94 -0.30 0.00	18.29 -0.15 0.00	17.03 -0.09 0.00	17.03 -0.21 0.00	17.13 -0.14 0.00	15.04 -0.06 0.00	13.66 0.08 0.00	16.27 0.09 0.00	17.18 0.11 0.00	17.99 0.12 0.00	17.37 0.04 0.00	18.07 -0.24 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.37 0.00	22.43 -0.48 0.00	18.79 -0.20 0.00	20.00 -0.19 0.00	20.29 -0.13 0.00	20.20 -0.14 0.00	18.83 0.05 0.00	17.55 -0.05 0.00
KEDC_PORT_JEFF_GT2 24210	19.47 1.23 0.00	19.55 1.11 0.00	18.12 1.00 0.00	18.22 0.98 0.00	18.19 0.92 0.00	15.93 0.84 0.00	14.45 0.87 0.00	17.31 1.13 0.00	18.29 1.23 0.00	19.43 1.55 0.00	18.82 1.50 0.00	25.74 1.80 -5.63	36.09 1.84 -15.60	66.81 1.85 -46.52	19.01 1.71 -0.02	24.08 1.66 -4.98	21.77 1.73 -1.43	24.73 1.82 0.00	20.43 1.45 0.00	21.75 1.56 0.00	21.87 1.43 -0.02	21.49 1.15 0.00	19.63 0.86 0.00	18.48 0.88 0.00
KEDC_PORT_JEFF_GT3 24211	19.47 1.23 0.00	19.55 1.11 0.00	18.12 1.00 0.00	18.22 0.98 0.00	18.19 0.92 0.00	15.93 0.84 0.00	14.45 0.87 0.00	17.31 1.13 0.00	18.29 1.23 0.00	19.43 1.55 0.00	18.82 1.50 0.00	25.74 1.80 -5.63	36.09 1.84 -15.60	66.81 1.85 -46.52	19.01 1.71 -0.02	24.08 1.66 -4.98	21.77 1.73 -1.43	24.73 1.82 0.00	20.43 1.45 0.00	21.75 1.56 0.00	21.87 1.43 -0.02	21.49 1.15 0.00	19.63 0.86 0.00	18.48 0.88 0.00
KEDC_GLWD_GT4 24219	19.34 1.11 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.09 1.03 0.00	19.17 1.29 0.00	18.60 1.27 0.00	23.77 1.48 -3.99	31.80 1.53 -11.62	52.87 1.48 -32.96	18.70 1.41 -0.01	27.71 1.44 -8.83	22.86 1.51 -2.75	24.60 1.68 0.00	20.29 1.30 0.00	21.48 1.29 0.00	21.64 1.19 -0.03	21.41 1.07 0.00	19.68 0.91 0.00	18.49 0.89 0.00
KEDC_GLWD_GT5 24220	19.34 1.11 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.13 0.89 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.09 1.03 0.00	19.17 1.29 0.00	18.60 1.27 0.00	23.77 1.48 -3.99	31.80 1.53 -11.62	52.87 1.48 -32.96	18.70 1.41 -0.01	27.71 1.44 -8.83	22.86 1.51 -2.75	24.60 1.68 0.00	20.29 1.30 0.00	21.48 1.29 0.00	21.64 1.19 -0.03	21.41 1.07 0.00	19.68 0.91 0.00	18.49 0.89 0.00
KENSICO____ 23655	19.21 0.97 0.00	19.31 0.87 0.00	17.89 0.77 0.00	18.02 0.78 0.00	18.01 0.74 0.00	15.76 0.66 0.00	14.19 0.61 0.00	16.97 0.79 0.00	17.95 0.89 0.00	18.97 1.10 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.93 1.27 0.00	19.66 1.23 0.00	18.49 1.21 0.00	18.64 1.20 0.00	19.86 1.26 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.37 0.95 0.00	21.25 0.91 0.00	19.57 0.79 0.00	18.38 0.77 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	19.10 0.86 0.00	19.20 0.76 0.00	17.78 0.66 0.00	17.90 0.67 0.00	17.90 0.63 0.00	15.66 0.56 0.00	14.11 0.54 0.00	16.87 0.69 0.00	17.84 0.77 0.00	18.79 0.91 0.00	18.25 0.92 0.00	19.34 1.03 0.00	19.79 1.13 0.00	19.47 1.04 0.00	18.37 1.09 0.00	18.55 1.11 0.00	19.74 1.14 0.00	24.27 1.36 0.00	20.05 1.07 0.00	21.27 1.09 0.00	21.41 0.99 0.00	21.27 0.93 0.00	19.58 0.80 0.00	18.33 0.73 0.00
KIAC_JFK_GT1 23816	19.26 1.02 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.09 0.85 0.00	18.11 0.84 0.00	15.85 0.76 0.00	14.28 0.70 0.00	17.10 0.91 0.00	18.05 0.98 0.00	19.03 1.16 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.94 1.28 0.00	19.68 1.25 0.00	18.51 1.23 0.00	18.65 1.21 0.00	19.88 1.28 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.36 0.94 0.00	21.26 0.92 0.00	19.61 0.83 0.00	18.40 0.80 0.00
KIAC_JFK_GT2 23817	19.26 1.02 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.09 0.85 0.00	18.11 0.84 0.00	15.85 0.76 0.00	14.28 0.70 0.00	17.10 0.91 0.00	18.05 0.98 0.00	19.03 1.16 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.94 1.28 0.00	19.68 1.25 0.00	18.51 1.23 0.00	18.65 1.21 0.00	19.88 1.28 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.36 0.94 0.00	21.26 0.92 0.00	19.61 0.83 0.00	18.40 0.80 0.00
KIAC_JFK____ 323774	19.26 1.02 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.09 0.85 0.00	18.11 0.84 0.00	15.85 0.76 0.00	14.28 0.70 0.00	17.09 0.91 0.00	18.05 0.98 0.00	19.03 1.16 0.00	18.43 1.11 0.00	19.54 1.23 0.00	19.94 1.28 0.00	19.68 1.25 0.00	18.51 1.23 0.00	18.65 1.21 0.00	19.88 1.28 0.00	24.34 1.42 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.36 0.94 0.00	21.26 0.92 0.00	19.61 0.83 0.00	18.40 0.80 0.00
KINTIGH____ 23543	17.81 -0.43 0.00	18.14 -0.30 0.00	16.89 -0.23 0.00	16.89 -0.34 0.00	16.96 -0.31 0.00	14.90 -0.20 0.00	13.50 -0.08 0.00	16.04 -0.14 0.00	16.91 -0.16 0.00	17.71 -0.17 0.00	17.15 -0.17 0.00	17.89 -0.42 0.00	18.13 -0.52 0.00	18.01 -0.42 0.00	16.84 -0.44 0.00	17.02 -0.42 0.00	18.00 -0.60 0.00	22.15 -0.77 0.00	18.54 -0.44 0.00	19.73 -0.46 0.00	20.01 -0.41 0.00	19.93 -0.41 0.00	18.58 -0.20 0.00	17.32 -0.28 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.53 0.29 0.00	18.59 0.16 0.00	17.36 0.24 0.00	17.52 0.28 0.00	17.72 0.46 0.00	15.49 0.39 0.00	13.91 0.33 0.00	16.67 0.49 0.00	17.43 0.36 0.00	17.96 0.08 0.00	17.37 0.05 0.00	18.25 -0.06 0.00	18.64 -0.02 0.00	18.49 0.06 0.00	17.28 0.00 0.00	17.59 0.16 0.00	18.73 0.13 0.00	23.45 0.54 0.00	19.41 0.43 0.00	20.86 0.68 0.00	21.47 1.05 0.00	21.23 0.89 0.00	19.74 0.97 0.00	18.47 0.87 0.00

LACHUTE____HYDRO 323717	20.75 2.51 0.00	20.68 2.24 0.00	19.21 2.09 0.00	19.26 2.02 0.00	19.31 2.04 0.00	16.90 1.81 0.00	15.27 1.70 0.00	18.20 2.02 0.00	19.20 2.14 0.00	20.17 2.29 0.00	19.78 2.45 0.00	20.80 2.49 0.00	21.25 2.59 0.00	20.77 2.34 0.00	19.41 2.13 0.00	19.71 2.27 0.00	20.85 2.25 0.00	25.97 3.05 0.00	21.39 2.41 0.00	22.72 2.53 0.00	22.99 2.57 0.00	22.80 2.46 0.00	21.02 2.25 0.00	19.82 2.21 0.00
LAWRNCAV_115KV_TB1 80681	18.22 -0.02 0.00	18.43 -0.01 0.00	17.14 0.02 0.00	17.26 0.02 0.00	17.32 0.05 0.00	15.15 0.05 0.00	13.60 0.02 0.00	16.22 0.04 0.00	17.08 0.01 0.00	17.70 -0.18 0.00	17.09 -0.24 0.00	18.09 -0.22 0.00	18.43 -0.22 0.00	18.22 -0.21 0.00	17.09 -0.19 0.00	17.25 -0.18 0.00	18.43 -0.17 0.00	22.81 -0.10 0.00	18.96 -0.03 0.00	20.31 0.13 0.00	20.71 0.29 0.00	20.61 0.28 0.00	19.06 0.29 0.00	17.84 0.23 0.00
LEDERLE____ 23769	19.23 0.99 0.00	19.31 0.87 0.00	17.89 0.77 0.00	18.03 0.79 0.00	18.01 0.74 0.00	15.76 0.67 0.00	14.19 0.61 0.00	16.98 0.80 0.00	17.97 0.91 0.00	18.99 1.11 0.00	18.46 1.13 0.00	19.56 1.25 0.00	19.96 1.30 0.00	19.70 1.27 0.00	18.51 1.24 0.00	18.67 1.23 0.00	19.92 1.31 0.00	24.42 1.50 0.00	20.17 1.18 0.00	21.33 1.14 0.00	21.45 1.02 0.00	21.31 0.97 0.00	19.63 0.85 0.00	18.41 0.81 0.00
LIGHTHSE_115KV_TB6 355974	18.21 -0.03 0.00	18.43 -0.01 0.00	17.12 0.00 0.00	17.23 -0.02 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.55 -0.03 0.00	16.03 -0.15 0.00	16.85 -0.22 0.00	17.54 -0.34 0.00	16.87 -0.45 0.00	17.81 -0.50 0.00	18.11 -0.54 0.00	17.87 -0.56 0.00	16.79 -0.49 0.00	16.92 -0.52 0.00	18.08 -0.51 0.00	22.37 -0.54 0.00	18.61 -0.38 0.00	19.94 -0.25 0.00	20.33 -0.09 0.00	20.27 -0.06 0.00	18.73 -0.05 0.00	17.57 -0.04 0.00
LINDEN COGEN____ 23786	19.23 0.99 0.00	19.31 0.87 0.00	17.87 0.75 0.00	18.02 0.78 0.00	18.00 0.73 0.00	15.40 0.63 0.33	14.17 0.60 0.00	16.97 0.80 0.00	17.95 0.88 0.00	19.00 1.13 0.00	18.46 1.13 0.00	19.53 1.23 0.00	19.93 1.27 0.00	19.67 1.24 0.00	18.50 1.23 0.00	18.64 1.20 0.00	19.86 1.26 0.00	24.34 1.42 0.00	20.07 1.09 0.00	21.21 1.02 0.00	21.33 0.91 0.00	21.21 0.87 0.00	19.56 0.78 0.00	18.38 0.78 0.00
LINDHRST_69_KV_BK1 356055	19.51 1.27 0.00	19.60 1.16 0.00	18.15 1.03 0.00	18.25 1.01 0.00	18.23 0.96 0.00	15.95 0.86 0.00	14.40 0.82 0.00	17.26 1.08 0.00	18.25 1.19 0.00	19.38 1.51 0.00	18.78 1.45 0.00	25.42 1.73 -5.38	35.55 1.81 -15.08	64.64 1.79 -44.41	18.97 1.68 -0.02	25.61 1.68 -6.49	22.34 1.78 -1.96	24.85 1.93 0.00	20.51 1.52 0.00	21.77 1.58 0.00	21.90 1.47 -0.02	21.59 1.25 0.00	19.76 0.99 0.00	18.60 1.00 0.00
LIPA_MISC_IPP 23656	19.41 1.18 0.00	19.49 1.05 0.00	18.09 0.96 0.00	18.18 0.94 0.00	18.14 0.88 0.00	15.90 0.81 0.00	14.46 0.89 0.00	17.33 1.15 0.00	18.30 1.24 0.00	19.44 1.56 0.00	18.80 1.48 0.00	25.71 1.76 -5.64	36.08 1.81 -15.62	66.88 1.86 -46.59	18.98 1.69 -0.02	24.00 1.62 -4.95	21.65 1.63 -1.42	24.56 1.64 0.00	20.32 1.33 0.00	21.67 1.48 0.00	21.77 1.34 -0.02	21.35 1.01 0.00	19.50 0.72 0.00	18.36 0.76 0.00
LISF____SOLAR 323691	19.44 1.20 0.00	19.52 1.08 0.00	18.10 0.99 0.00	18.20 0.96 0.00	18.16 0.90 0.00	15.92 0.82 0.00	14.49 0.91 0.00	17.35 1.17 0.00	18.33 1.26 0.00	19.45 1.57 0.00	18.82 1.49 0.00	25.72 1.78 -5.64	36.10 1.83 -15.61	66.88 1.88 -46.57	18.99 1.69 -0.02	24.03 1.63 -4.96	21.68 1.65 -1.43	24.58 1.67 0.00	20.34 1.35 0.00	21.71 1.52 0.00	21.81 1.37 -0.02	21.38 1.04 0.00	19.53 0.75 0.00	18.39 0.78 0.00
LITTLE FALLS____HYD 24013	18.25 0.01 0.00	18.46 0.03 0.00	17.12 0.00 0.00	17.24 0.00 0.00	17.25 -0.01 0.00	15.08 -0.02 0.00	13.54 -0.04 0.00	16.07 -0.11 0.00	16.91 -0.16 0.00	17.81 -0.07 0.00	17.25 -0.07 0.00	18.26 -0.05 0.00	18.69 0.03 0.00	18.41 -0.02 0.00	17.23 -0.04 0.00	17.45 0.02 0.00	18.68 0.08 0.00	23.06 0.15 0.00	19.03 0.04 0.00	20.16 -0.03 0.00	20.36 -0.05 0.00	20.32 -0.02 0.00	18.63 -0.15 0.00	17.42 -0.18 0.00
LITTLRIV_115KV_TB1 356100	18.38 0.14 0.00	18.59 0.16 0.00	17.29 0.17 0.00	17.41 0.16 0.00	17.47 0.20 0.00	15.29 0.19 0.00	13.71 0.14 0.00	16.34 0.15 0.00	17.20 0.13 0.00	17.83 -0.05 0.00	17.21 -0.12 0.00	18.22 -0.09 0.00	18.57 -0.08 0.00	18.37 -0.06 0.00	17.22 -0.06 0.00	17.39 -0.05 0.00	18.59 -0.01 0.00	23.02 0.11 0.00	19.15 0.16 0.00	20.54 0.35 0.00	20.96 0.54 0.00	20.86 0.53 0.00	19.27 0.50 0.00	18.01 0.41 0.00
LI_NEWBRDGE____DRP 323616	19.24 1.00 0.00	19.32 0.88 0.00	17.91 0.79 0.00	18.02 0.78 0.00	17.99 0.72 0.00	15.75 0.65 0.00	14.22 0.64 0.00	17.02 0.84 0.00	18.00 0.93 0.00	19.09 1.21 0.00	18.51 1.19 0.00	25.53 1.43 -5.79	36.07 1.48 -15.94	67.71 1.44 -47.84	18.66 1.36 -0.02	22.99 1.41 -4.14	21.20 1.45 -1.14	24.50 1.58 0.00	20.19 1.20 0.00	21.40 1.22 0.00	21.53 1.10 -0.01	21.27 0.93 0.00	19.51 0.74 0.00	18.36 0.76 0.00
LOCKPORT_115KV_TB60_63_64 80432	17.83 -0.40 0.00	18.20 -0.24 0.00	16.95 -0.17 0.00	16.93 -0.31 0.00	17.01 -0.25 0.00	14.95 -0.15 0.00	13.57 -0.01 0.00	16.12 -0.06 0.00	16.96 -0.10 0.00	17.72 -0.16 0.00	17.13 -0.19 0.00	17.82 -0.49 0.00	18.05 -0.60 0.00	17.96 -0.47 0.00	16.77 -0.51 0.00	16.95 -0.48 0.00	17.86 -0.74 0.00	21.95 -0.97 0.00	18.45 -0.53 0.00	19.67 -0.52 0.00	19.97 -0.45 0.00	19.89 -0.45 0.00	18.57 -0.21 0.00	17.30 -0.30 0.00
LOCKPORT____CC1 323769	17.81 -0.43 0.00	18.18 -0.26 0.00	16.94 -0.18 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.94 -0.16 0.00	13.56 -0.01 0.00	16.11 -0.07 0.00	16.96 -0.11 0.00	17.72 -0.15 0.00	17.14 -0.19 0.00	17.82 -0.48 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.78 -0.50 0.00	16.96 -0.48 0.00	17.88 -0.73 0.00	21.97 -0.95 0.00	18.46 -0.53 0.00	19.67 -0.52 0.00	19.98 -0.44 0.00	19.90 -0.44 0.00	18.58 -0.20 0.00	17.31 -0.30 0.00
LOCKPORT____CC2 323770	17.81 -0.43 0.00	18.18 -0.26 0.00	16.94 -0.18 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.94 -0.16 0.00	13.56 -0.01 0.00	16.11 -0.07 0.00	16.96 -0.11 0.00	17.72 -0.15 0.00	17.14 -0.19 0.00	17.82 -0.48 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.78 -0.50 0.00	16.96 -0.48 0.00	17.88 -0.73 0.00	21.97 -0.95 0.00	18.46 -0.53 0.00	19.67 -0.52 0.00	19.98 -0.44 0.00	19.90 -0.44 0.00	18.58 -0.20 0.00	17.31 -0.30 0.00
LOCKPORT____CC3 323771	17.81 -0.43 0.00	18.18 -0.26 0.00	16.94 -0.18 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.94 -0.16 0.00	13.56 -0.01 0.00	16.11 -0.07 0.00	16.96 -0.11 0.00	17.72 -0.15 0.00	17.14 -0.19 0.00	17.82 -0.48 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.78 -0.50 0.00	16.96 -0.48 0.00	17.88 -0.73 0.00	21.97 -0.95 0.00	18.46 -0.53 0.00	19.67 -0.52 0.00	19.98 -0.44 0.00	19.90 -0.44 0.00	18.58 -0.20 0.00	17.31 -0.30 0.00

LONG_LAKE_PHOENIX 24014	18.06 -0.18 0.00	18.26 -0.17 0.00	16.95 -0.17 0.00	17.05 -0.19 0.00	17.09 -0.18 0.00	14.95 -0.15 0.00	13.45 -0.12 0.00	16.01 -0.17 0.00	16.89 -0.18 0.00	17.70 -0.18 0.00	17.14 -0.19 0.00	18.06 -0.25 0.00	18.38 -0.28 0.00	18.17 -0.26 0.00	17.03 -0.25 0.00	17.17 -0.27 0.00	18.32 -0.28 0.00	22.59 -0.33 0.00	18.76 -0.22 0.00	19.96 -0.23 0.00	20.20 -0.22 0.00	20.12 -0.22 0.00	18.57 -0.20 0.00	17.42 -0.19 0.00
LOVETT___3 23632	19.12 0.89 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.94 0.70 0.00	17.92 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.88 0.81 0.00	18.89 1.01 0.00	18.35 1.03 0.00	19.44 1.14 0.00	19.83 1.18 0.00	19.57 1.14 0.00	18.40 1.12 0.00	18.55 1.11 0.00	19.78 1.18 0.00	24.25 1.33 0.00	20.02 1.04 0.00	21.17 0.99 0.00	21.29 0.87 0.00	21.16 0.82 0.00	19.50 0.73 0.00	18.31 0.70 0.00
LOVETT___4 23642	19.12 0.89 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.94 0.70 0.00	17.92 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.88 0.81 0.00	18.89 1.01 0.00	18.35 1.03 0.00	19.44 1.14 0.00	19.83 1.18 0.00	19.57 1.14 0.00	18.40 1.12 0.00	18.55 1.11 0.00	19.78 1.18 0.00	24.25 1.33 0.00	20.02 1.04 0.00	21.17 0.99 0.00	21.29 0.87 0.00	21.16 0.82 0.00	19.50 0.73 0.00	18.31 0.70 0.00
LOVETT___5 23593	19.12 0.89 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.94 0.70 0.00	17.92 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.88 0.81 0.00	18.89 1.01 0.00	18.35 1.03 0.00	19.44 1.14 0.00	19.83 1.18 0.00	19.57 1.14 0.00	18.40 1.12 0.00	18.55 1.11 0.00	19.78 1.18 0.00	24.25 1.33 0.00	20.02 1.04 0.00	21.17 0.99 0.00	21.29 0.87 0.00	21.16 0.82 0.00	19.50 0.73 0.00	18.31 0.70 0.00
LOWER RAQUET___HYD 24057	18.24 0.00 0.00	18.45 0.01 0.00	17.16 0.04 0.00	17.29 0.04 0.00	17.34 0.08 0.00	15.17 0.08 0.00	13.62 0.04 0.00	16.23 0.05 0.00	17.09 0.02 0.00	17.69 -0.18 0.00	17.07 -0.25 0.00	18.08 -0.23 0.00	18.42 -0.24 0.00	18.22 -0.21 0.00	17.08 -0.20 0.00	17.25 -0.19 0.00	18.43 -0.17 0.00	22.82 -0.10 0.00	18.97 -0.02 0.00	20.34 0.15 0.00	20.76 0.34 0.00	20.66 0.32 0.00	19.10 0.33 0.00	17.87 0.27 0.00
LOWER___HUDSON 24059	19.08 0.84 0.00	19.27 0.83 0.00	17.89 0.77 0.00	18.01 0.77 0.00	18.02 0.75 0.00	15.76 0.66 0.00	14.14 0.56 0.00	16.81 0.63 0.00	17.72 0.65 0.00	18.61 0.74 0.00	18.10 0.77 0.00	19.16 0.85 0.00	19.55 0.89 0.00	19.25 0.82 0.00	18.04 0.76 0.00	18.25 0.81 0.00	19.46 0.85 0.00	23.96 1.04 0.00	19.70 0.72 0.00	20.91 0.72 0.00	21.12 0.70 0.00	21.09 0.76 0.00	19.41 0.63 0.00	18.21 0.61 0.00
LOWVILLE_115KV_TB2 356335	18.60 0.37 0.00	18.89 0.45 0.00	17.55 0.43 0.00	17.67 0.43 0.00	17.66 0.39 0.00	15.41 0.31 0.00	13.76 0.18 0.00	16.21 0.03 0.00	17.10 0.04 0.00	17.63 -0.25 0.00	16.82 -0.51 0.00	17.78 -0.53 0.00	18.10 -0.56 0.00	17.81 -0.62 0.00	16.83 -0.44 0.00	16.92 -0.52 0.00	18.19 -0.41 0.00	22.55 -0.37 0.00	18.79 -0.20 0.00	20.31 0.13 0.00	20.85 0.43 0.00	20.80 0.46 0.00	19.25 0.47 0.00	18.07 0.47 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.40 1.16 0.00	19.58 1.14 0.00	18.17 1.05 0.00	18.29 1.05 0.00	18.30 1.04 0.00	16.00 0.90 0.00	14.38 0.80 0.00	17.11 0.93 0.00	18.04 0.97 0.00	18.93 1.06 0.00	18.39 1.07 0.00	19.44 1.13 0.00	19.85 1.20 0.00	19.50 1.07 0.00	18.27 0.99 0.00	18.51 1.07 0.00	19.76 1.16 0.00	24.43 1.52 0.00	20.14 1.15 0.00	21.39 1.20 0.00	21.60 1.19 0.00	21.51 1.18 0.00	19.79 1.01 0.00	18.56 0.96 0.00
LUTHERNY_35_KV_BK2 355980	19.39 1.15 0.00	19.58 1.14 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.30 1.04 0.00	16.00 0.90 0.00	14.37 0.80 0.00	17.13 0.94 0.00	18.02 0.95 0.00	18.91 1.04 0.00	18.39 1.06 0.00	19.43 1.12 0.00	19.83 1.18 0.00	19.50 1.08 0.00	18.26 0.99 0.00	18.52 1.08 0.00	19.75 1.15 0.00	24.45 1.53 0.00	20.14 1.15 0.00	21.40 1.21 0.00	21.61 1.19 0.00	21.51 1.17 0.00	19.78 1.01 0.00	18.56 0.96 0.00
LWR___OSWEGATCHIE_HYD 23850	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.59 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.34 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
LYONS_FALL_HYD 23570	18.60 0.36 0.00	18.85 0.41 0.00	17.51 0.39 0.00	17.62 0.39 0.00	17.62 0.36 0.00	15.40 0.30 0.00	13.78 0.20 0.00	16.30 0.12 0.00	17.20 0.13 0.00	17.85 -0.03 0.00	17.12 -0.20 0.00	18.09 -0.22 0.00	18.42 -0.23 0.00	18.16 -0.27 0.00	17.11 -0.17 0.00	17.23 -0.21 0.00	18.48 -0.12 0.00	22.86 -0.05 0.00	19.02 0.04 0.00	20.45 0.26 0.00	20.87 0.45 0.00	20.80 0.47 0.00	19.22 0.45 0.00	18.02 0.42 0.00
MADISON___COUNTY_LFGE 323628	18.63 0.39 0.00	18.84 0.40 0.00	17.47 0.35 0.00	17.59 0.34 0.00	17.61 0.34 0.00	15.39 0.30 0.00	13.84 0.26 0.00	16.43 0.25 0.00	17.32 0.25 0.00	18.12 0.25 0.00	17.53 0.20 0.00	18.50 0.19 0.00	18.84 0.19 0.00	18.61 0.18 0.00	17.46 0.18 0.00	17.63 0.20 0.00	18.85 0.25 0.00	23.32 0.41 0.00	19.36 0.38 0.00	20.69 0.50 0.00	20.95 0.53 0.00	20.87 0.53 0.00	19.24 0.46 0.00	18.01 0.40 0.00
MALONE___115KV_TB1 356076	18.39 0.15 0.00	18.51 0.08 0.00	17.28 0.15 0.00	17.43 0.18 0.00	17.59 0.33 0.00	15.39 0.29 0.00	13.82 0.24 0.00	16.55 0.37 0.00	17.36 0.29 0.00	17.89 0.01 0.00	17.31 -0.02 0.00	18.22 -0.09 0.00	18.59 -0.07 0.00	18.43 0.00 0.00	17.25 -0.03 0.00	17.51 0.07 0.00	18.66 0.07 0.00	23.25 0.33 0.00	19.29 0.30 0.00	20.71 0.52 0.00	21.22 0.80 0.00	21.06 0.72 0.00	19.52 0.74 0.00	18.26 0.65 0.00
MAPLEWOD_115KV_TB3 80458	19.05 0.81 0.00	19.24 0.80 0.00	17.86 0.74 0.00	17.98 0.74 0.00	17.98 0.72 0.00	15.72 0.62 0.00	14.09 0.51 0.00	16.74 0.56 0.00	17.64 0.58 0.00	18.53 0.65 0.00	18.03 0.71 0.00	19.08 0.77 0.00	19.48 0.82 0.00	19.18 0.75 0.00	17.97 0.69 0.00	18.18 0.75 0.00	19.40 0.80 0.00	23.92 1.00 0.00	19.69 0.71 0.00	20.90 0.72 0.00	21.12 0.70 0.00	21.08 0.74 0.00	19.40 0.62 0.00	18.19 0.59 0.00
MAPLE RIDGE_WT_1 323574	17.80 -0.44 0.00	18.05 -0.38 0.00	16.89 -0.23 0.00	17.02 -0.22 0.00	17.07 -0.20 0.00	14.90 -0.19 0.00	13.27 -0.30 0.00	15.87 -0.31 0.00	16.77 -0.29 0.00	17.42 -0.46 0.00	16.74 -0.58 0.00	17.70 -0.61 0.00	18.01 -0.65 0.00	17.80 -0.63 0.00	16.74 -0.54 0.00	16.89 -0.55 0.00	18.06 -0.55 0.00	22.28 -0.64 0.00	18.46 -0.52 0.00	19.73 -0.46 0.00	20.08 -0.34 0.00	20.03 -0.31 0.00	18.51 -0.26 0.00	17.39 -0.22 0.00

MAPLE RIDGE_WT_2 323611	17.80 -0.44 0.00	18.05 -0.38 0.00	16.89 -0.23 0.00	17.02 -0.22 0.00	17.07 -0.20 0.00	14.90 -0.19 0.00	13.27 -0.30 0.00	15.87 -0.31 0.00	16.77 -0.29 0.00	17.42 -0.46 0.00	16.74 -0.58 0.00	17.70 -0.61 0.00	18.01 -0.65 0.00	17.80 -0.63 0.00	16.74 -0.54 0.00	16.89 -0.55 0.00	18.06 -0.55 0.00	22.28 -0.64 0.00	18.46 -0.52 0.00	19.73 -0.46 0.00	20.08 -0.34 0.00	20.03 -0.31 0.00	18.51 -0.26 0.00	17.39 -0.22 0.00
MARBLE RIVER_WT_PWR 323696	18.27 0.04 0.00	18.35 -0.09 0.00	17.16 0.04 0.00	17.33 0.09 0.00	17.53 0.26 0.00	15.31 0.21 0.00	13.75 0.17 0.00	16.48 0.30 0.00	17.23 0.16 0.00	17.73 -0.14 0.00	17.18 -0.15 0.00	18.05 -0.26 0.00	18.43 -0.22 0.00	18.28 -0.15 0.00	17.09 -0.19 0.00	17.38 -0.05 0.00	18.51 -0.09 0.00	23.11 0.19 0.00	19.15 0.16 0.00	20.57 0.38 0.00	21.12 0.70 0.00	20.92 0.58 0.00	19.44 0.67 0.00	18.21 0.61 0.00
MARSHVLE_115KV_TB1 80742	19.51 1.27 0.00	19.71 1.27 0.00	18.29 1.18 0.00	18.42 1.18 0.00	18.43 1.17 0.00	16.17 1.07 0.00	14.57 1.00 0.00	17.39 1.21 0.00	18.33 1.26 0.00	19.10 1.22 0.00	18.43 1.10 0.00	19.42 1.11 0.00	19.78 1.12 0.00	19.64 1.21 0.00	18.44 1.16 0.00	18.50 1.06 0.00	19.82 1.22 0.00	24.48 1.56 0.00	20.52 1.53 0.00	21.90 1.71 0.00	22.19 1.77 0.00	22.05 1.71 0.00	20.36 1.59 0.00	19.04 1.43 0.00
MARSH_HILL_WT_PWR 323713	17.68 -0.56 0.00	17.96 -0.48 0.00	16.67 -0.45 0.00	16.77 -0.48 0.00	17.08 -0.19 0.00	15.01 -0.09 0.00	13.66 0.08 0.00	16.39 0.21 0.00	17.33 0.26 0.00	18.06 0.19 0.00	17.21 -0.12 0.00	17.90 -0.41 0.00	18.12 -0.54 0.00	18.02 -0.41 0.00	16.93 -0.34 0.00	17.10 -0.34 0.00	18.23 -0.38 0.00	22.59 -0.33 0.00	18.77 -0.22 0.00	20.04 -0.15 0.00	20.46 0.03 0.00	20.28 -0.06 0.00	18.87 0.09 0.00	17.72 0.11 0.00
MCINTYRE_115KV_TB2 80467	18.40 0.16 0.00	18.62 0.18 0.00	17.31 0.19 0.00	17.42 0.18 0.00	17.49 0.22 0.00	15.30 0.21 0.00	13.73 0.15 0.00	16.35 0.17 0.00	17.22 0.15 0.00	17.86 -0.02 0.00	17.25 -0.08 0.00	18.28 -0.03 0.00	18.63 -0.03 0.00	18.43 0.00 0.00	17.27 -0.01 0.00	17.43 0.00 0.00	18.63 0.03 0.00	23.07 0.16 0.00	19.19 0.20 0.00	20.58 0.40 0.00	21.01 0.59 0.00	20.91 0.57 0.00	19.30 0.53 0.00	18.03 0.43 0.00
MECO____69_KV_BK1 80468	20.08 1.84 0.00	20.25 1.81 0.00	18.78 1.66 0.00	18.91 1.66 0.00	18.91 1.65 0.00	16.58 1.48 0.00	14.93 1.35 0.00	17.76 1.58 0.00	18.64 1.57 0.00	19.33 1.45 0.00	18.62 1.29 0.00	19.73 1.42 0.00	20.20 1.55 0.00	20.07 1.63 0.00	18.82 1.54 0.00	18.74 1.31 0.00	20.31 1.71 0.00	25.15 2.23 0.00	21.14 2.16 0.00	22.60 2.41 0.00	22.91 2.50 0.00	22.75 2.41 0.00	20.92 2.14 0.00	19.49 1.89 0.00
MENANDS__115KV_TB5 355628	18.83 0.59 0.00	19.02 0.58 0.00	17.66 0.54 0.00	17.78 0.54 0.00	17.79 0.52 0.00	15.54 0.45 0.00	13.90 0.33 0.00	16.50 0.32 0.00	17.39 0.33 0.00	18.28 0.40 0.00	17.80 0.47 0.00	18.84 0.53 0.00	19.22 0.56 0.00	18.95 0.52 0.00	17.76 0.49 0.00	17.96 0.52 0.00	19.14 0.54 0.00	23.56 0.64 0.00	19.38 0.40 0.00	20.56 0.37 0.00	20.76 0.34 0.00	20.73 0.39 0.00	19.08 0.30 0.00	17.92 0.32 0.00
MG INDUSTRY__DRP 24185	18.86 0.62 0.00	19.08 0.64 0.00	17.72 0.60 0.00	17.86 0.62 0.00	17.87 0.61 0.00	15.61 0.51 0.00	13.97 0.39 0.00	16.58 0.40 0.00	17.45 0.39 0.00	18.32 0.45 0.00	17.82 0.49 0.00	18.87 0.56 0.00	19.23 0.58 0.00	18.97 0.54 0.00	17.79 0.51 0.00	17.98 0.54 0.00	19.18 0.57 0.00	23.61 0.69 0.00	19.46 0.48 0.00	20.65 0.47 0.00	20.86 0.44 0.00	20.81 0.48 0.00	19.17 0.39 0.00	17.99 0.39 0.00
MID__OSWEGATCHIE_HYD 23849	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.59 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.34 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
MID__RAQUETTE_HYD 23851	18.24 0.00 0.00	18.45 0.01 0.00	17.16 0.04 0.00	17.29 0.04 0.00	17.34 0.08 0.00	15.17 0.08 0.00	13.62 0.04 0.00	16.23 0.05 0.00	17.09 0.02 0.00	17.69 -0.18 0.00	17.07 -0.25 0.00	18.08 -0.23 0.00	18.42 -0.24 0.00	18.21 -0.21 0.00	17.08 -0.20 0.00	17.24 -0.19 0.00	18.43 -0.17 0.00	22.82 -0.10 0.00	18.97 -0.02 0.00	20.34 0.15 0.00	20.76 0.34 0.00	20.66 0.32 0.00	19.10 0.33 0.00	17.87 0.27 0.00
MILLIKEN__1 23584	18.56 0.32 0.00	18.76 0.33 0.00	17.40 0.28 0.00	17.50 0.26 0.00	17.56 0.29 0.00	15.33 0.23 0.00	13.83 0.25 0.00	16.48 0.30 0.00	17.35 0.29 0.00	18.15 0.28 0.00	17.51 0.18 0.00	18.42 0.11 0.00	18.76 0.10 0.00	18.54 0.11 0.00	17.39 0.11 0.00	17.58 0.14 0.00	18.81 0.21 0.00	23.23 0.31 0.00	19.38 0.40 0.00	20.65 0.47 0.00	20.89 0.47 0.00	20.79 0.45 0.00	19.18 0.40 0.00	17.94 0.34 0.00
MILLIKEN__2 23585	18.56 0.32 0.00	18.76 0.33 0.00	17.40 0.28 0.00	17.50 0.26 0.00	17.56 0.29 0.00	15.33 0.23 0.00	13.83 0.25 0.00	16.48 0.30 0.00	17.35 0.29 0.00	18.15 0.28 0.00	17.51 0.18 0.00	18.42 0.11 0.00	18.76 0.10 0.00	18.54 0.11 0.00	17.39 0.11 0.00	17.58 0.14 0.00	18.81 0.21 0.00	23.23 0.31 0.00	19.38 0.40 0.00	20.65 0.47 0.00	20.89 0.47 0.00	20.79 0.45 0.00	19.18 0.40 0.00	17.94 0.34 0.00
MILLIKEN__DIESEL 23629	18.56 0.32 0.00	18.76 0.33 0.00	17.40 0.28 0.00	17.50 0.26 0.00	17.56 0.29 0.00	15.33 0.23 0.00	13.83 0.25 0.00	16.48 0.30 0.00	17.35 0.29 0.00	18.15 0.28 0.00	17.51 0.18 0.00	18.42 0.11 0.00	18.76 0.10 0.00	18.54 0.11 0.00	17.39 0.11 0.00	17.58 0.14 0.00	18.81 0.21 0.00	23.23 0.31 0.00	19.38 0.40 0.00	20.65 0.47 0.00	20.89 0.47 0.00	20.79 0.45 0.00	19.18 0.40 0.00	17.94 0.34 0.00
MILLSEAT__LFGE 323607	18.02 -0.22 0.00	18.38 -0.06 0.00	17.11 -0.01 0.00	17.08 -0.15 0.00	17.18 -0.09 0.00	15.09 -0.01 0.00	13.69 0.11 0.00	16.24 0.06 0.00	17.07 0.00 0.00	17.81 -0.06 0.00	17.23 -0.10 0.00	17.91 -0.40 0.00	18.14 -0.51 0.00	18.06 -0.37 0.00	16.85 -0.43 0.00	17.05 -0.39 0.00	17.98 -0.62 0.00	22.15 -0.77 0.00	18.67 -0.31 0.00	19.94 -0.25 0.00	20.26 -0.17 0.00	20.17 -0.17 0.00	18.79 0.02 0.00	17.49 -0.12 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.18 0.94 0.00	19.28 0.84 0.00	17.87 0.74 0.00	17.99 0.75 0.00	17.98 0.72 0.00	15.73 0.64 0.00	14.17 0.59 0.00	16.94 0.76 0.00	17.93 0.86 0.00	18.94 1.06 0.00	18.40 1.08 0.00	19.50 1.19 0.00	19.89 1.23 0.00	19.62 1.19 0.00	18.45 1.17 0.00	18.60 1.17 0.00	19.82 1.22 0.00	24.30 1.38 0.00	20.05 1.06 0.00	21.20 1.02 0.00	21.33 0.91 0.00	21.21 0.87 0.00	19.54 0.77 0.00	18.34 0.74 0.00

MILLWOOD_13_KV_LOAD 356217	19.22 0.99 0.00	19.32 0.88 0.00	17.90 0.78 0.00	18.03 0.79 0.00	18.02 0.75 0.00	15.76 0.67 0.00	14.19 0.62 0.00	16.98 0.80 0.00	17.96 0.90 0.00	18.98 1.10 0.00	18.44 1.11 0.00	19.54 1.23 0.00	19.93 1.27 0.00	19.66 1.23 0.00	18.48 1.21 0.00	18.64 1.21 0.00	19.87 1.27 0.00	24.35 1.44 0.00	20.10 1.11 0.00	21.26 1.07 0.00	21.39 0.97 0.00	21.26 0.92 0.00	19.59 0.81 0.00	18.39 0.78 0.00
MODEL_CITY_ENERGY 24167	17.71 -0.53 0.00	18.08 -0.36 0.00	16.85 -0.27 0.00	16.83 -0.41 0.00	16.91 -0.36 0.00	14.86 -0.24 0.00	13.49 -0.09 0.00	16.01 -0.17 0.00	16.85 -0.22 0.00	17.60 -0.28 0.00	17.01 -0.32 0.00	17.69 -0.62 0.00	17.92 -0.73 0.00	17.83 -0.60 0.00	16.64 -0.64 0.00	16.81 -0.62 0.00	17.70 -0.90 0.00	21.72 -1.20 0.00	18.26 -0.73 0.00	19.46 -0.73 0.00	19.76 -0.66 0.00	19.68 -0.66 0.00	18.39 -0.39 0.00	17.14 -0.46 0.00
MODERN_LFGE_ 323580	17.71 -0.53 0.00	18.08 -0.36 0.00	16.85 -0.27 0.00	16.83 -0.41 0.00	16.91 -0.36 0.00	14.86 -0.24 0.00	13.49 -0.09 0.00	16.01 -0.17 0.00	16.85 -0.22 0.00	17.60 -0.28 0.00	17.01 -0.32 0.00	17.69 -0.62 0.00	17.92 -0.73 0.00	17.83 -0.60 0.00	16.64 -0.64 0.00	16.81 -0.62 0.00	17.70 -0.90 0.00	21.72 -1.20 0.00	18.26 -0.73 0.00	19.46 -0.73 0.00	19.76 -0.66 0.00	19.68 -0.66 0.00	18.39 -0.39 0.00	17.14 -0.46 0.00
MOHAWK_PAPER___DRP 24187	19.05 0.81 0.00	19.24 0.80 0.00	17.86 0.74 0.00	17.98 0.74 0.00	17.98 0.72 0.00	15.72 0.62 0.00	14.09 0.51 0.00	16.74 0.56 0.00	17.64 0.58 0.00	18.53 0.65 0.00	18.03 0.71 0.00	19.08 0.77 0.00	19.48 0.82 0.00	19.18 0.75 0.00	17.97 0.69 0.00	18.18 0.75 0.00	19.40 0.80 0.00	23.92 1.00 0.00	19.69 0.71 0.00	20.90 0.72 0.00	21.12 0.70 0.00	21.08 0.74 0.00	19.40 0.62 0.00	18.19 0.59 0.00
MOHICAN___35_KV_115KV_LD 80490	19.76 1.52 0.00	19.87 1.44 0.00	18.44 1.32 0.00	18.54 1.30 0.00	18.56 1.29 0.00	16.24 1.14 0.00	14.61 1.03 0.00	17.40 1.22 0.00	18.34 1.27 0.00	19.26 1.38 0.00	18.69 1.36 0.00	19.72 1.41 0.00	20.15 1.50 0.00	19.69 1.26 0.00	18.44 1.16 0.00	18.71 1.27 0.00	19.99 1.39 0.00	24.84 1.92 0.00	20.49 1.50 0.00	21.76 1.58 0.00	22.00 1.58 0.00	21.87 1.53 0.00	20.12 1.35 0.00	18.90 1.30 0.00
MONGAUP___HYD 23641	19.11 0.87 0.00	19.22 0.78 0.00	17.81 0.69 0.00	17.94 0.70 0.00	17.93 0.67 0.00	15.69 0.59 0.00	14.12 0.54 0.00	16.85 0.67 0.00	17.77 0.70 0.00	18.67 0.79 0.00	18.04 0.71 0.00	18.87 0.56 0.00	19.28 0.62 0.00	19.23 0.80 0.00	18.03 0.75 0.00	18.30 0.86 0.00	19.57 0.97 0.00	24.09 1.17 0.00	19.94 0.95 0.00	21.14 0.96 0.00	21.32 0.90 0.00	21.21 0.87 0.00	19.56 0.79 0.00	18.32 0.72 0.00
MONTAUK___DIESEL 23721	20.06 1.82 0.00	20.15 1.71 0.00	18.70 1.58 0.00	18.80 1.55 0.00	18.76 1.50 0.00	16.44 1.34 0.00	15.00 1.42 0.00	17.98 1.80 0.00	19.00 1.92 0.00	20.25 2.37 0.00	19.55 2.23 0.00	26.58 2.63 -5.64	36.95 2.68 -15.62	67.73 2.72 -46.58	19.65 2.35 -0.02	24.75 2.36 -4.95	22.43 2.40 -1.42	25.52 2.61 0.00	21.12 2.13 0.00	22.53 2.34 0.00	22.66 2.22 -0.02	22.13 1.79 0.00	20.18 1.41 0.00	18.96 1.36 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.85 -0.39 0.00	18.27 -0.17 0.00	17.02 -0.10 0.00	17.01 -0.23 0.00	17.09 -0.18 0.00	15.04 -0.06 0.00	13.68 0.10 0.00	16.37 0.19 0.00	17.49 0.42 0.00	18.33 0.46 0.00	17.59 0.27 0.00	18.30 -0.01 0.00	18.57 -0.09 0.00	18.49 0.06 0.00	17.36 0.08 0.00	17.58 0.14 0.00	18.67 0.07 0.00	23.05 0.13 0.00	19.21 0.22 0.00	20.41 0.22 0.00	20.57 0.15 0.00	20.30 -0.04 0.00	18.91 0.13 0.00	17.62 0.02 0.00
MORTIMER_115KV_TB3 55949	18.06 -0.18 0.00	18.35 -0.09 0.00	17.05 -0.07 0.00	17.08 -0.15 0.00	17.14 -0.13 0.00	15.03 -0.06 0.00	13.59 0.01 0.00	16.16 -0.02 0.00	17.01 -0.05 0.00	17.83 -0.05 0.00	17.26 -0.07 0.00	18.08 -0.23 0.00	18.35 -0.30 0.00	18.20 -0.23 0.00	17.03 -0.24 0.00	17.21 -0.23 0.00	18.28 -0.32 0.00	22.55 -0.37 0.00	18.86 -0.13 0.00	20.10 -0.08 0.00	20.38 -0.04 0.00	20.30 -0.04 0.00	18.84 0.07 0.00	17.57 -0.03 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.80 0.00	15.80 0.71 0.00	14.23 0.66 0.00	17.04 0.86 0.00	18.02 0.96 0.00	19.06 1.18 0.00	18.51 1.18 0.00	19.61 1.30 0.00	20.01 1.35 0.00	19.74 1.31 0.00	18.56 1.29 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.41 1.49 0.00	20.14 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.85 0.00	18.44 0.83 0.00
MUNSVILLE_WIND_PWR 323609	19.47 1.24 0.00	19.69 1.25 0.00	18.25 1.13 0.00	18.35 1.11 0.00	18.40 1.13 0.00	16.09 0.99 0.00	14.49 0.91 0.00	17.17 1.00 0.00	18.03 0.96 0.00	18.77 0.89 0.00	18.07 0.74 0.00	18.98 0.67 0.00	19.30 0.65 0.00	18.99 0.57 0.00	17.87 0.59 0.00	18.11 0.68 0.00	19.52 0.92 0.00	24.26 1.34 0.00	20.33 1.35 0.00	21.75 1.57 0.00	22.07 1.65 0.00	21.96 1.62 0.00	20.17 1.39 0.00	18.75 1.15 0.00
N SALMON___HYD 24042	18.39 0.15 0.00	18.51 0.08 0.00	17.27 0.15 0.00	17.43 0.18 0.00	17.59 0.33 0.00	15.39 0.29 0.00	13.82 0.24 0.00	16.55 0.37 0.00	17.36 0.29 0.00	17.89 0.01 0.00	17.31 -0.02 0.00	18.22 -0.09 0.00	18.59 -0.07 0.00	18.43 0.00 0.00	17.25 -0.03 0.00	17.51 0.07 0.00	18.67 0.07 0.00	23.25 0.33 0.00	19.29 0.30 0.00	20.71 0.52 0.00	21.22 0.80 0.00	21.06 0.72 0.00	19.52 0.74 0.00	18.25 0.65 0.00
N.AKRON___115KV_KNAPP 355671	18.02 -0.22 0.00	18.37 -0.06 0.00	17.11 -0.01 0.00	17.08 -0.15 0.00	17.18 -0.09 0.00	15.09 -0.01 0.00	13.68 0.10 0.00	16.24 0.06 0.00	17.08 0.01 0.00	17.83 -0.04 0.00	17.29 -0.03 0.00	17.95 -0.36 0.00	18.19 -0.47 0.00	18.09 -0.33 0.00	16.89 -0.39 0.00	17.08 -0.35 0.00	18.02 -0.58 0.00	22.19 -0.73 0.00	18.69 -0.30 0.00	19.95 -0.24 0.00	20.25 -0.17 0.00	20.17 -0.17 0.00	18.79 0.02 0.00	17.48 -0.12 0.00
N.BELMOR_69_KV_BK1 55787	19.37 1.13 0.00	19.45 1.01 0.00	18.01 0.89 0.00	18.12 0.88 0.00	18.10 0.83 0.00	15.84 0.75 0.00	14.30 0.73 0.00	17.11 0.93 0.00	18.10 1.03 0.00	19.20 1.32 0.00	18.62 1.29 0.00	24.65 1.55 -4.79	34.16 1.62 -13.88	59.59 1.58 -39.58	18.78 1.49 -0.01	28.85 1.53 -9.88	23.33 1.60 -3.13	24.68 1.76 0.00	20.36 1.37 0.00	21.58 1.39 0.00	21.73 1.28 -0.03	21.45 1.11 0.00	19.68 0.90 0.00	18.49 0.89 0.00
N.E._GEN_SANDY PD 24062	19.03 0.79 0.00	19.20 0.76 0.00	17.82 0.70 0.00	17.93 0.70 0.00	17.94 0.67 0.00	15.70 0.61 0.00	14.11 0.53 0.00	16.81 0.63 0.00	17.74 0.67 0.00	18.65 0.78 0.00	18.17 0.84 0.00	19.25 0.94 0.00	19.64 0.97 -0.01	19.35 0.91 0.00	18.15 0.88 0.00	18.33 0.89 0.00	19.51 0.91 0.00	24.26 1.03 -0.32	19.32 0.70 0.37	20.86 0.67 0.00	21.04 0.62 0.00	21.00 0.66 0.00	19.34 0.56 0.00	18.17 0.56 0.00

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	19.15 0.92 0.00	19.24 0.80 0.00	17.83 0.71 0.00	17.96 0.72 0.00	17.95 0.68 0.00	15.71 0.61 0.00	14.13 0.56 0.00	16.91 0.73 0.00	17.90 0.83 0.00	18.91 1.04 0.00	18.38 1.05 0.00	19.48 1.17 0.00	19.87 1.21 0.00	19.60 1.17 0.00	18.43 1.15 0.00	18.58 1.15 0.00	19.82 1.22 0.00	24.30 1.38 0.00	20.06 1.08 0.00	21.22 1.03 0.00	21.33 0.91 0.00	21.20 0.86 0.00	19.54 0.76 0.00	18.33 0.73 0.00
N.QUEENS_27_KV_LOAD 356247	19.24 1.00 0.00	19.34 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.07 0.80 0.00	15.79 0.70 0.00	14.23 0.65 0.00	17.04 0.86 0.00	18.01 0.95 0.00	19.05 1.18 0.00	18.46 1.13 0.00	19.60 1.29 0.00	19.99 1.34 0.00	19.74 1.31 0.00	18.58 1.31 0.00	18.68 1.25 0.00	19.93 1.33 0.00	24.37 1.45 0.00	20.13 1.14 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.31 0.97 0.00	19.61 0.83 0.00	18.43 0.82 0.00
N.TROY___115KV_TB1 355778	19.08 0.84 0.00	19.27 0.83 0.00	17.89 0.77 0.00	18.01 0.77 0.00	18.02 0.75 0.00	15.76 0.66 0.00	14.14 0.56 0.00	16.81 0.63 0.00	17.72 0.66 0.00	18.61 0.74 0.00	18.10 0.77 0.00	19.16 0.85 0.00	19.55 0.89 0.00	19.25 0.82 0.00	18.04 0.76 0.00	18.24 0.81 0.00	19.45 0.85 0.00	23.96 1.04 0.00	19.70 0.72 0.00	20.91 0.72 0.00	21.12 0.70 0.00	21.09 0.75 0.00	19.41 0.63 0.00	18.21 0.61 0.00
NARROWS_GT1_1 24228	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_2 24229	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_3 24230	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_4 24231	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_5 24232	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_6 24233	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_7 24234	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT1_8 24235	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_1 24236	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_2 24237	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_3 24238	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_4 24239	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00

NARROWS_GT2_5 24240	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_6 24241	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_7 24242	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NARROWS_GT2_8 24243	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.11 0.87 0.00	19.32 0.87 0.00	17.94 0.82 0.00	18.07 0.83 0.00	18.08 0.82 0.00	15.79 0.69 0.00	14.11 0.53 0.00	16.70 0.52 0.00	17.53 0.46 0.00	18.34 0.47 0.00	17.89 0.56 0.00	18.95 0.65 0.00	19.28 0.63 0.00	19.02 0.59 0.00	17.82 0.54 0.00	18.06 0.63 0.00	19.33 0.73 0.00	23.82 0.90 0.00	19.70 0.72 0.00	20.95 0.76 0.00	21.21 0.78 0.00	21.17 0.82 0.00	19.43 0.65 0.00	18.20 0.59 0.00
NCHELSEA_115KV_TR2 355582	19.27 1.03 0.00	19.38 0.94 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.82 0.00	15.82 0.72 0.00	14.24 0.67 0.00	17.02 0.83 0.00	18.00 0.93 0.00	18.99 1.11 0.00	18.48 1.15 0.00	19.58 1.27 0.00	19.98 1.32 0.00	19.70 1.27 0.00	18.52 1.24 0.00	18.68 1.25 0.00	19.92 1.32 0.00	24.43 1.52 0.00	20.18 1.19 0.00	21.36 1.17 0.00	21.49 1.07 0.00	21.36 1.03 0.00	19.68 0.90 0.00	18.45 0.85 0.00
NEG CAPITAL___MECHNVIL 23645	19.39 1.15 0.00	19.58 1.14 0.00	18.17 1.05 0.00	18.28 1.04 0.00	18.29 1.03 0.00	16.00 0.90 0.00	14.37 0.79 0.00	17.10 0.92 0.00	18.02 0.96 0.00	18.92 1.04 0.00	18.40 1.08 0.00	19.45 1.14 0.00	19.85 1.20 0.00	19.52 1.09 0.00	18.28 1.00 0.00	18.52 1.08 0.00	19.77 1.17 0.00	24.43 1.51 0.00	20.13 1.14 0.00	21.38 1.19 0.00	21.60 1.18 0.00	21.51 1.18 0.00	19.78 1.01 0.00	18.55 0.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.80 -0.44 0.00	18.06 -0.38 0.00	16.79 -0.34 0.00	16.83 -0.41 0.00	16.88 -0.38 0.00	14.79 -0.30 0.00	13.37 -0.21 0.00	15.91 -0.27 0.00	16.78 -0.29 0.00	17.58 -0.30 0.00	17.00 -0.32 0.00	17.83 -0.48 0.00	18.11 -0.55 0.00	17.95 -0.48 0.00	16.80 -0.47 0.00	16.98 -0.46 0.00	18.06 -0.55 0.00	22.28 -0.64 0.00	18.63 -0.35 0.00	19.83 -0.36 0.00	20.07 -0.35 0.00	19.97 -0.36 0.00	18.50 -0.27 0.00	17.27 -0.34 0.00
NEG CENTRAL___DRP 24199	18.25 0.01 0.00	18.47 0.03 0.00	17.13 0.01 0.00	17.22 -0.02 0.00	17.30 0.04 0.00	15.12 0.03 0.00	13.66 0.09 0.00	16.29 0.11 0.00	17.18 0.12 0.00	17.99 0.12 0.00	17.35 0.02 0.00	18.21 -0.10 0.00	18.54 -0.11 0.00	18.34 -0.09 0.00	17.19 -0.09 0.00	17.38 -0.06 0.00	18.56 -0.04 0.00	22.92 0.00 0.00	19.12 0.13 0.00	20.35 0.17 0.00	20.59 0.17 0.00	20.49 0.15 0.00	18.93 0.15 0.00	17.71 0.11 0.00
NEG CENTRAL___INDECK 23768	18.36 0.12 0.00	18.64 0.20 0.00	17.31 0.19 0.00	17.36 0.12 0.00	17.50 0.23 0.00	15.36 0.26 0.00	13.90 0.33 0.00	16.45 0.27 0.00	17.28 0.21 0.00	18.08 0.20 0.00	17.40 0.08 0.00	18.15 -0.16 0.00	18.42 -0.23 0.00	18.30 -0.13 0.00	17.16 -0.12 0.00	17.33 -0.10 0.00	18.42 -0.18 0.00	22.79 -0.13 0.00	19.04 0.05 0.00	20.37 0.19 0.00	20.95 0.53 0.00	20.93 0.59 0.00	19.39 0.62 0.00	18.07 0.46 0.00
NEG CENTRAL___SENECA 23627	18.26 0.02 0.00	18.50 0.06 0.00	17.14 0.03 0.00	17.23 -0.01 0.00	17.34 0.07 0.00	15.16 0.06 0.00	13.72 0.14 0.00	16.36 0.17 0.00	17.25 0.19 0.00	18.06 0.19 0.00	17.40 0.08 0.00	18.24 -0.07 0.00	18.56 -0.09 0.00	18.37 -0.06 0.00	17.22 -0.05 0.00	17.41 -0.03 0.00	18.59 -0.01 0.00	22.98 0.06 0.00	19.19 0.20 0.00	20.43 0.24 0.00	20.67 0.25 0.00	20.56 0.22 0.00	19.00 0.22 0.00	17.75 0.15 0.00
NEG CENTRAL___STATE_STREET 24147	18.42 0.18 0.00	18.63 0.18 0.00	17.30 0.18 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.21 0.12 0.00	13.74 0.17 0.00	16.39 0.22 0.00	17.29 0.22 0.00	18.11 0.24 0.00	17.43 0.10 0.00	18.32 0.02 0.00	18.67 0.01 0.00	18.46 0.03 0.00	17.30 0.03 0.00	17.51 0.08 0.00	18.75 0.15 0.00	23.05 0.14 0.00	19.25 0.27 0.00	20.51 0.32 0.00	20.71 0.29 0.00	20.63 0.29 0.00	19.04 0.26 0.00	17.83 0.23 0.00
NEG MILLWOOD___DRP 24198	19.32 1.08 0.00	19.43 1.00 0.00	18.00 0.88 0.00	18.13 0.89 0.00	18.13 0.86 0.00	15.86 0.76 0.00	14.28 0.70 0.00	17.07 0.89 0.00	18.06 1.00 0.00	19.07 1.19 0.00	18.56 1.24 0.00	19.66 1.35 0.00	20.06 1.40 0.00	19.78 1.35 0.00	18.59 1.32 0.00	18.77 1.33 0.00	20.00 1.40 0.00	24.53 1.61 0.00	20.25 1.26 0.00	21.41 1.23 0.00	21.55 1.13 0.00	21.43 1.09 0.00	19.72 0.95 0.00	18.49 0.89 0.00
NEG NORTH_FLCN_SEA 23793	18.51 0.27 0.00	18.58 0.14 0.00	17.35 0.23 0.00	17.50 0.26 0.00	17.71 0.45 0.00	15.48 0.38 0.00	13.90 0.33 0.00	16.65 0.47 0.00	17.41 0.35 0.00	17.94 0.06 0.00	17.38 0.05 0.00	18.25 -0.05 0.00	18.64 -0.02 0.00	18.48 0.05 0.00	17.27 -0.01 0.00	17.58 0.15 0.00	18.70 0.09 0.00	23.41 0.50 0.00	19.36 0.37 0.00	20.80 0.62 0.00	21.42 1.00 0.00	21.17 0.83 0.00	19.71 0.93 0.00	18.45 0.85 0.00
NEG NORTH_KES_CHATEGAY 23792	18.27 0.03 0.00	18.37 -0.07 0.00	17.16 0.04 0.00	17.33 0.09 0.00	17.52 0.25 0.00	15.31 0.21 0.00	13.75 0.17 0.00	16.48 0.30 0.00	17.23 0.16 0.00	17.72 -0.16 0.00	17.16 -0.17 0.00	18.05 -0.26 0.00	18.42 -0.23 0.00	18.27 -0.15 0.00	17.09 -0.19 0.00	17.37 -0.07 0.00	18.51 -0.09 0.00	23.07 0.16 0.00	19.13 0.15 0.00	20.56 0.37 0.00	21.11 0.69 0.00	20.92 0.58 0.00	19.43 0.65 0.00	18.20 0.60 0.00



NEG NORTH___ALICE_FALLS 23915	18.53 0.29 0.00	18.59 0.16 0.00	17.36 0.24 0.00	17.52 0.28 0.00	17.72 0.46 0.00	15.49 0.39 0.00	13.91 0.33 0.00	16.67 0.49 0.00	17.43 0.36 0.00	17.96 0.08 0.00	17.37 0.05 0.00	18.25 -0.06 0.00	18.64 -0.02 0.00	18.49 0.06 0.00	17.28 0.00 0.00	17.59 0.16 0.00	18.73 0.13 0.00	23.45 0.54 0.00	19.41 0.43 0.00	20.86 0.68 0.00	21.47 1.05 0.00	21.23 0.89 0.00	19.74 0.97 0.00	18.47 0.87 0.00
NEG NORTH___LWR_SARANAC 23913	18.53 0.29 0.00	18.59 0.16 0.00	17.36 0.24 0.00	17.52 0.28 0.00	17.72 0.46 0.00	15.49 0.39 0.00	13.91 0.33 0.00	16.67 0.49 0.00	17.43 0.36 0.00	17.96 0.08 0.00	17.37 0.05 0.00	18.25 -0.06 0.00	18.64 -0.02 0.00	18.49 0.06 0.00	17.28 0.00 0.00	17.59 0.16 0.00	18.73 0.13 0.00	23.45 0.54 0.00	19.41 0.43 0.00	20.86 0.68 0.00	21.47 1.05 0.00	21.23 0.89 0.00	19.74 0.97 0.00	18.47 0.87 0.00
NEG NORTH___PLATTSBURG 23628	18.52 0.29 0.00	18.59 0.16 0.00	17.36 0.24 0.00	17.52 0.28 0.00	17.72 0.46 0.00	15.49 0.39 0.00	13.91 0.33 0.00	16.67 0.49 0.00	17.43 0.36 0.00	17.96 0.08 0.00	17.37 0.05 0.00	18.25 -0.06 0.00	18.64 -0.02 0.00	18.49 0.06 0.00	17.28 0.00 0.00	17.59 0.16 0.00	18.73 0.13 0.00	23.45 0.53 0.00	19.42 0.43 0.00	20.86 0.68 0.00	21.47 1.05 0.00	21.23 0.89 0.00	19.74 0.97 0.00	18.47 0.87 0.00
NEG WEST_LEA_LOCKPORT 23791	17.81 -0.43 0.00	18.18 -0.26 0.00	16.94 -0.18 0.00	16.92 -0.32 0.00	17.00 -0.27 0.00	14.94 -0.16 0.00	13.56 -0.01 0.00	16.11 -0.07 0.00	16.96 -0.11 0.00	17.72 -0.16 0.00	17.14 -0.19 0.00	17.83 -0.48 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.78 -0.50 0.00	16.96 -0.48 0.00	17.87 -0.73 0.00	21.97 -0.95 0.00	18.46 -0.53 0.00	19.67 -0.52 0.00	19.97 -0.45 0.00	19.90 -0.44 0.00	18.58 -0.20 0.00	17.31 -0.30 0.00
NEG WEST___LANCASTR 23811	18.01 -0.23 0.00	18.34 -0.09 0.00	17.06 -0.06 0.00	17.08 -0.16 0.00	17.18 -0.09 0.00	15.07 -0.03 0.00	13.67 0.09 0.00	16.29 0.11 0.00	17.21 0.14 0.00	18.05 0.17 0.00	17.45 0.13 0.00	18.19 -0.12 0.00	18.43 -0.23 0.00	18.28 -0.15 0.00	17.11 -0.17 0.00	17.31 -0.13 0.00	18.33 -0.27 0.00	22.55 -0.36 0.00	18.86 -0.13 0.00	20.03 -0.16 0.00	20.28 -0.14 0.00	20.19 -0.15 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
NEG_PENN_ALLEGHNY 23528	18.45 0.21 0.00	18.67 0.23 0.00	17.30 0.18 0.00	17.41 0.17 0.00	17.48 0.21 0.00	15.27 0.17 0.00	13.78 0.20 0.00	16.44 0.26 0.00	17.37 0.30 0.00	18.23 0.35 0.00	17.64 0.32 0.00	18.55 0.24 0.00	18.89 0.24 0.00	18.67 0.24 0.00	17.52 0.24 0.00	17.70 0.26 0.00	18.89 0.29 0.00	23.30 0.39 0.00	19.34 0.35 0.00	20.51 0.32 0.00	20.69 0.27 0.00	20.59 0.25 0.00	19.03 0.25 0.00	17.82 0.22 0.00
NEG___GEN_MONROE 24207	18.20 -0.04 0.00	18.48 0.04 0.00	17.18 0.06 0.00	17.23 -0.01 0.00	17.27 0.01 0.00	15.18 0.08 0.00	13.73 0.15 0.00	16.34 0.16 0.00	17.14 0.07 0.00	17.94 0.06 0.00	17.35 0.02 0.00	18.15 -0.16 0.00	18.43 -0.23 0.00	18.27 -0.16 0.00	17.10 -0.18 0.00	17.28 -0.16 0.00	18.36 -0.24 0.00	22.66 -0.25 0.00	18.99 0.00 0.00	20.28 0.09 0.00	20.57 0.15 0.00	20.49 0.15 0.00	19.01 0.23 0.00	17.72 0.11 0.00
NEPA___ENERGY 23901	18.03 -0.20 0.00	18.34 -0.10 0.00	17.01 -0.11 0.00	17.06 -0.18 0.00	17.18 -0.09 0.00	15.06 -0.04 0.00	13.67 0.09 0.00	16.34 0.16 0.00	17.33 0.26 0.00	18.22 0.34 0.00	17.58 0.25 0.00	18.32 0.01 0.00	18.60 -0.05 0.00	18.43 0.00 0.00	17.28 0.00 0.00	17.48 0.04 0.00	18.59 -0.01 0.00	22.89 -0.03 0.00	19.06 0.07 0.00	20.18 -0.01 0.00	20.33 -0.08 0.00	20.20 -0.14 0.00	18.80 0.03 0.00	17.57 -0.03 0.00
NEVERSINK___HYD 23608	18.73 0.49 0.00	18.83 0.39 0.00	17.43 0.31 0.00	17.56 0.32 0.00	17.55 0.28 0.00	15.36 0.26 0.00	13.83 0.26 0.00	16.54 0.36 0.00	17.48 0.41 0.00	18.40 0.52 0.00	17.89 0.57 0.00	18.94 0.63 0.00	19.36 0.70 0.00	19.06 0.63 0.00	17.99 0.72 0.00	18.18 0.74 0.00	19.40 0.80 0.00	23.81 0.90 0.00	19.68 0.70 0.00	20.87 0.69 0.00	21.01 0.59 0.00	20.89 0.55 0.00	19.23 0.45 0.00	18.00 0.40 0.00
NEWKRMKL_115KV_TB1 55635	18.78 0.54 0.00	18.96 0.52 0.00	17.61 0.48 0.00	17.73 0.49 0.00	17.73 0.47 0.00	15.49 0.39 0.00	13.84 0.26 0.00	16.42 0.24 0.00	17.31 0.24 0.00	18.19 0.31 0.00	17.72 0.39 0.00	18.76 0.45 0.00	19.13 0.47 0.00	18.86 0.43 0.00	17.68 0.41 0.00	17.88 0.44 0.00	19.06 0.46 0.00	23.46 0.55 0.00	19.32 0.34 0.00	20.49 0.31 0.00	20.69 0.27 0.00	20.65 0.31 0.00	19.00 0.22 0.00	17.85 0.25 0.00
NEWTON___FALLS_HYD 23847	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.59 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.34 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
NGRID_A1_DSASP 323792	17.43 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.38 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.91 0.00	17.65 -0.78 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.68 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.44 0.00	17.16 -0.44 0.00
NGRID_A2_DSASP 323793	17.43 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.38 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.91 0.00	17.65 -0.78 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.68 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.44 0.00	17.16 -0.44 0.00
NGRID_A4_DSASP 323807	17.42 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.37 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.92 0.00	17.65 -0.79 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.67 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.43 0.00	17.16 -0.44 0.00
NIAGARA_115E_LBMP 323715	17.66 -0.58 0.00	18.02 -0.42 0.00	16.80 -0.32 0.00	16.78 -0.46 0.00	16.85 -0.41 0.00	14.82 -0.28 0.00	13.45 -0.12 0.00	15.96 -0.21 0.00	16.80 -0.27 0.00	17.54 -0.34 0.00	16.94 -0.38 0.00	17.63 -0.68 0.00	17.86 -0.80 0.00	17.77 -0.66 0.00	16.57 -0.71 0.00	16.74 -0.70 0.00	17.62 -0.99 0.00	21.59 -1.32 0.00	18.15 -0.83 0.00	19.35 -0.84 0.00	19.65 -0.77 0.00	19.57 -0.77 0.00	18.30 -0.48 0.00	17.05 -0.55 0.00

NIAGARA_115W_LBMP 323714	17.38 -0.86 0.00	17.75 -0.69 0.00	16.56 -0.56 0.00	16.53 -0.71 0.00	16.59 -0.67 0.00	14.61 -0.49 0.00	13.25 -0.33 0.00	15.71 -0.47 0.00	16.54 -0.53 0.00	17.34 -0.54 0.00	16.78 -0.54 0.00	17.47 -0.84 0.00	17.69 -0.96 0.00	17.61 -0.82 0.00	16.51 -0.77 0.00	16.68 -0.75 0.00	17.59 -1.02 0.00	21.63 -1.29 0.00	18.17 -0.82 0.00	19.35 -0.83 0.00	19.66 -0.76 0.00	19.58 -0.76 0.00	18.30 -0.47 0.00	17.14 -0.47 0.00
NIAGARA_230_LBMP 323716	17.64 -0.60 0.00	18.01 -0.43 0.00	16.78 -0.34 0.00	16.77 -0.48 0.00	16.84 -0.43 0.00	14.80 -0.29 0.00	13.44 -0.14 0.00	15.95 -0.23 0.00	16.79 -0.28 0.00	17.59 -0.29 0.00	17.02 -0.31 0.00	17.71 -0.60 0.00	17.95 -0.71 0.00	17.84 -0.59 0.00	16.68 -0.60 0.00	16.85 -0.59 0.00	17.77 -0.83 0.00	21.84 -1.07 0.00	18.32 -0.67 0.00	19.51 -0.68 0.00	19.81 -0.61 0.00	19.73 -0.61 0.00	18.44 -0.34 0.00	17.20 -0.41 0.00
NIAGARA__115KV_198_GIBSON 55903	17.38 -0.86 0.00	17.75 -0.69 0.00	16.56 -0.56 0.00	16.53 -0.71 0.00	16.59 -0.67 0.00	14.61 -0.49 0.00	13.25 -0.33 0.00	15.71 -0.47 0.00	16.54 -0.53 0.00	17.33 -0.54 0.00	16.78 -0.54 0.00	17.47 -0.84 0.00	17.69 -0.97 0.00	17.60 -0.82 0.00	16.51 -0.77 0.00	16.68 -0.75 0.00	17.59 -1.01 0.00	21.63 -1.29 0.00	18.17 -0.82 0.00	19.35 -0.84 0.00	19.66 -0.76 0.00	19.58 -0.76 0.00	18.30 -0.47 0.00	17.14 -0.47 0.00
NIAGARA____ 23760	17.50 -0.74 0.00	17.86 -0.58 0.00	16.66 -0.46 0.00	16.64 -0.60 0.00	16.70 -0.57 0.00	14.70 -0.40 0.00	13.33 -0.25 0.00	15.84 -0.34 0.00	16.69 -0.37 0.00	17.49 -0.39 0.00	16.92 -0.40 0.00	17.61 -0.70 0.00	17.84 -0.82 0.00	17.74 -0.69 0.00	16.60 -0.68 0.00	16.77 -0.67 0.00	17.67 -0.93 0.00	21.71 -1.21 0.00	18.23 -0.76 0.00	19.42 -0.77 0.00	19.72 -0.70 0.00	19.64 -0.70 0.00	18.35 -0.43 0.00	17.11 -0.49 0.00
NINE_MILE_1 23575	17.81 -0.43 0.00	18.02 -0.42 0.00	16.73 -0.39 0.00	16.83 -0.41 0.00	16.86 -0.41 0.00	14.75 -0.35 0.00	13.27 -0.30 0.00	15.81 -0.37 0.00	16.68 -0.39 0.00	17.48 -0.40 0.00	16.92 -0.41 0.00	17.85 -0.46 0.00	18.17 -0.48 0.00	17.97 -0.46 0.00	16.83 -0.45 0.00	16.97 -0.47 0.00	18.10 -0.50 0.00	22.31 -0.61 0.00	18.52 -0.46 0.00	19.70 -0.49 0.00	19.92 -0.50 0.00	19.84 -0.50 0.00	18.33 -0.44 0.00	17.20 -0.40 0.00
NINE_MILE_2 23744	17.81 -0.43 0.00	18.02 -0.42 0.00	16.73 -0.39 0.00	16.83 -0.41 0.00	16.86 -0.41 0.00	14.75 -0.35 0.00	13.28 -0.30 0.00	15.81 -0.37 0.00	16.68 -0.39 0.00	17.48 -0.40 0.00	16.92 -0.41 0.00	17.85 -0.46 0.00	18.17 -0.48 0.00	17.97 -0.46 0.00	16.83 -0.45 0.00	16.97 -0.47 0.00	18.10 -0.50 0.00	22.31 -0.61 0.00	18.52 -0.46 0.00	19.70 -0.49 0.00	19.92 -0.50 0.00	19.85 -0.49 0.00	18.34 -0.44 0.00	17.20 -0.40 0.00
NM_CAPITAL____DRP 24208	18.80 0.56 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.76 0.52 0.00	17.76 0.50 0.00	15.52 0.42 0.00	13.88 0.30 0.00	16.46 0.28 0.00	17.36 0.29 0.00	18.24 0.36 0.00	17.76 0.43 0.00	18.80 0.49 0.00	19.18 0.52 0.00	18.90 0.47 0.00	17.72 0.45 0.00	17.92 0.49 0.00	19.10 0.50 0.00	23.50 0.59 0.00	19.34 0.36 0.00	20.51 0.33 0.00	20.72 0.29 0.00	20.69 0.35 0.00	19.04 0.26 0.00	17.89 0.28 0.00
NM_CENTRAL____DRP 24181	18.14 -0.10 0.00	18.35 -0.09 0.00	17.02 -0.10 0.00	17.12 -0.12 0.00	17.16 -0.11 0.00	15.01 -0.09 0.00	13.51 -0.07 0.00	16.08 -0.10 0.00	16.97 -0.10 0.00	17.80 -0.08 0.00	17.23 -0.10 0.00	18.16 -0.15 0.00	18.50 -0.16 0.00	18.28 -0.15 0.00	17.14 -0.13 0.00	17.29 -0.14 0.00	18.45 -0.15 0.00	22.77 -0.15 0.00	18.91 -0.07 0.00	20.10 -0.08 0.00	20.33 -0.09 0.00	20.24 -0.09 0.00	18.70 -0.08 0.00	17.52 -0.09 0.00
NM_FRONTIER____DRP 24179	17.38 -0.86 0.00	17.75 -0.69 0.00	16.56 -0.56 0.00	16.53 -0.71 0.00	16.59 -0.67 0.00	14.61 -0.49 0.00	13.25 -0.33 0.00	15.71 -0.47 0.00	16.54 -0.53 0.00	17.33 -0.54 0.00	16.78 -0.54 0.00	17.47 -0.84 0.00	17.69 -0.97 0.00	17.60 -0.82 0.00	16.51 -0.77 0.00	16.68 -0.75 0.00	17.59 -1.01 0.00	21.63 -1.29 0.00	18.17 -0.82 0.00	19.35 -0.84 0.00	19.66 -0.76 0.00	19.58 -0.76 0.00	18.30 -0.47 0.00	17.14 -0.47 0.00
NM_ST_REGIS____HYD 24053	18.29 0.05 0.00	18.48 0.05 0.00	17.20 0.08 0.00	17.33 0.09 0.00	17.42 0.15 0.00	15.24 0.14 0.00	13.68 0.10 0.00	16.33 0.15 0.00	17.17 0.10 0.00	17.75 -0.12 0.00	17.15 -0.18 0.00	18.12 -0.19 0.00	18.47 -0.18 0.00	18.28 -0.15 0.00	17.13 -0.14 0.00	17.32 -0.11 0.00	18.50 -0.10 0.00	22.95 0.03 0.00	19.07 0.08 0.00	20.46 0.27 0.00	20.90 0.48 0.00	20.79 0.45 0.00	19.23 0.46 0.00	17.99 0.38 0.00
NORTHPORT____1 23551	19.38 1.15 0.00	19.48 1.04 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.13 0.86 0.00	15.88 0.78 0.00	14.35 0.77 0.00	17.19 1.01 0.00	18.17 1.10 0.00	19.28 1.40 0.00	18.70 1.37 0.00	25.62 1.64 -5.67	36.03 1.70 -15.68	66.93 1.66 -46.84	18.87 1.57 -0.02	23.80 1.57 -4.79	21.61 1.65 -1.37	24.67 1.75 0.00	20.35 1.37 0.00	21.62 1.43 0.00	21.74 1.31 -0.02	21.41 1.07 0.00	19.59 0.81 0.00	18.45 0.85 0.00
NORTHPORT____2 23552	19.38 1.15 0.00	19.48 1.04 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.13 0.86 0.00	15.88 0.78 0.00	14.35 0.77 0.00	17.19 1.01 0.00	18.17 1.10 0.00	19.28 1.40 0.00	18.70 1.37 0.00	25.62 1.64 -5.67	36.03 1.70 -15.68	66.93 1.66 -46.84	18.87 1.57 -0.02	23.80 1.57 -4.79	21.61 1.65 -1.37	24.67 1.75 0.00	20.35 1.37 0.00	21.62 1.43 0.00	21.74 1.31 -0.02	21.41 1.07 0.00	19.59 0.81 0.00	18.45 0.85 0.00
NORTHPORT____3 23553	19.24 1.00 0.00	19.34 0.90 0.00	17.92 0.80 0.00	18.03 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.24 0.67 0.00	17.04 0.86 0.00	18.02 0.96 0.00	19.13 1.25 0.00	18.55 1.23 0.00	25.45 1.50 -5.65	35.82 1.54 -15.62	66.58 1.49 -46.67	18.71 1.42 -0.02	23.65 1.45 -4.77	21.46 1.50 -1.36	24.52 1.60 0.00	20.22 1.23 0.00	21.46 1.27 0.00	21.58 1.15 -0.01	21.24 0.91 0.00	19.43 0.65 0.00	18.30 0.70 0.00
NORTHPORT____4 23650	19.24 1.00 0.00	19.34 0.90 0.00	17.92 0.80 0.00	18.03 0.79 0.00	18.00 0.74 0.00	15.76 0.66 0.00	14.24 0.67 0.00	17.04 0.86 0.00	18.02 0.96 0.00	19.13 1.25 0.00	18.55 1.23 0.00	25.45 1.50 -5.65	35.82 1.54 -15.62	66.58 1.49 -46.67	18.71 1.42 -0.02	23.65 1.45 -4.77	21.46 1.50 -1.36	24.52 1.60 0.00	20.22 1.23 0.00	21.46 1.27 0.00	21.58 1.15 -0.01	21.24 0.91 0.00	19.43 0.65 0.00	18.30 0.70 0.00
NORTHPORT____IC 23718	19.38 1.15 0.00	19.48 1.04 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.13 0.86 0.00	15.88 0.78 0.00	14.35 0.77 0.00	17.19 1.01 0.00	18.17 1.10 0.00	19.28 1.40 0.00	18.70 1.37 0.00	25.62 1.64 -5.67	36.03 1.70 -15.68	66.93 1.66 -46.84	18.87 1.57 -0.02	23.80 1.57 -4.79	21.61 1.65 -1.37	24.67 1.75 0.00	20.35 1.37 0.00	21.62 1.43 0.00	21.74 1.31 -0.02	21.41 1.07 0.00	19.59 0.81 0.00	18.45 0.85 0.00

NORTH__COUNTRY_ESR 323785	18.25 0.01 0.00	18.35 -0.09 0.00	17.14 0.02 0.00	17.31 0.06 0.00	17.49 0.22 0.00	15.28 0.19 0.00	13.72 0.15 0.00	16.45 0.27 0.00	17.21 0.14 0.00	17.71 -0.16 0.00	17.16 -0.17 0.00	18.04 -0.27 0.00	18.42 -0.24 0.00	18.27 -0.16 0.00	17.08 -0.20 0.00	17.37 -0.07 0.00	18.49 -0.11 0.00	23.07 0.15 0.00	19.12 0.13 0.00	20.53 0.34 0.00	21.06 0.64 0.00	20.88 0.54 0.00	19.39 0.61 0.00	18.16 0.55 0.00
NPX_GEN_1385_PROXY 323591	19.38 1.15 0.00	19.48 1.04 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.13 0.86 0.00	15.88 0.78 0.00	14.35 0.77 0.00	17.19 1.01 0.00	18.17 1.10 0.00	19.28 1.40 0.00	18.70 1.37 0.00	25.62 1.64 -5.67	36.03 1.70 -15.68	66.93 1.66 -46.84	18.87 1.57 -0.02	23.80 1.57 -4.79	21.61 1.65 -1.37	24.67 1.75 0.00	20.35 1.37 0.00	21.62 1.43 0.00	21.74 1.31 -0.02	21.41 1.07 0.00	19.59 0.81 0.00	18.45 0.85 0.00
NPX_GEN_CSC 323557	19.40 1.16 0.00	19.48 1.04 0.00	18.07 0.95 0.00	18.17 0.93 0.00	18.13 0.86 0.00	15.89 0.79 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.51 1.63 0.00	18.85 1.52 0.00	25.75 1.80 -5.64	36.11 1.83 -15.62	66.96 1.94 -46.59	19.04 1.74 -0.02	24.02 1.64 -4.95	21.60 1.57 -1.42	24.44 1.53 0.00	20.25 1.26 0.00	21.67 1.48 0.00	21.74 1.31 -0.02	21.24 0.90 0.00	19.40 0.62 0.00	18.26 0.66 0.00
NSINS_S_GLNS_FALLS 23858	19.78 1.54 0.00	19.89 1.45 0.00	18.45 1.33 0.00	18.55 1.31 0.00	18.56 1.30 0.00	16.25 1.15 0.00	14.62 1.04 0.00	17.42 1.24 0.00	18.36 1.30 0.00	19.28 1.40 0.00	18.70 1.38 0.00	19.73 1.42 0.00	20.17 1.51 0.00	19.69 1.26 0.00	18.44 1.16 0.00	18.71 1.27 0.00	20.01 1.42 0.00	24.87 1.95 0.00	20.52 1.53 0.00	21.79 1.61 0.00	22.03 1.61 0.00	21.91 1.57 0.00	20.14 1.37 0.00	18.92 1.31 0.00
NUCOR_STEEL__DRP 24197	18.42 0.18 0.00	18.62 0.18 0.00	17.29 0.17 0.00	17.39 0.15 0.00	17.45 0.18 0.00	15.21 0.11 0.00	13.73 0.16 0.00	16.38 0.20 0.00	17.28 0.21 0.00	18.11 0.23 0.00	17.42 0.09 0.00	18.32 0.01 0.00	18.66 0.01 0.00	18.45 0.02 0.00	17.30 0.03 0.00	17.51 0.08 0.00	18.75 0.15 0.00	23.04 0.12 0.00	19.25 0.26 0.00	20.49 0.30 0.00	20.69 0.27 0.00	20.62 0.28 0.00	19.03 0.25 0.00	17.83 0.23 0.00
NUMBER_THREE_WT_PWR 323818	18.59 0.36 0.00	18.87 0.44 0.00	17.55 0.43 0.00	17.66 0.42 0.00	17.65 0.38 0.00	15.40 0.30 0.00	13.75 0.17 0.00	16.19 0.01 0.00	17.09 0.02 0.00	17.61 -0.27 0.00	16.78 -0.54 0.00	17.74 -0.56 0.00	18.06 -0.59 0.00	17.77 -0.66 0.00	16.80 -0.48 0.00	16.89 -0.55 0.00	18.15 -0.44 0.00	22.50 -0.41 0.00	18.75 -0.24 0.00	20.28 0.09 0.00	20.83 0.41 0.00	20.78 0.44 0.00	19.23 0.46 0.00	18.06 0.45 0.00
NYISO_LBMP_REFERENCE 24008	18.24 0.00 0.00	18.44 0.00 0.00	17.12 0.00 0.00	17.24 0.00 0.00	17.26 0.00 0.00	15.10 0.00 0.00	13.58 0.00 0.00	16.18 0.00 0.00	17.07 0.00 0.00	17.88 0.00 0.00	17.33 0.00 0.00	18.31 0.00 0.00	18.66 0.00 0.00	18.43 0.00 0.00	17.28 0.00 0.00	17.44 0.00 0.00	18.60 0.00 0.00	22.92 0.00 0.00	18.99 0.00 0.00	20.19 0.00 0.00	20.42 0.00 0.00	20.34 0.00 0.00	18.78 0.00 0.00	17.60 0.00 0.00
NYPA_BRENTWD__GT 24164	19.53 1.29 0.00	19.61 1.17 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.25 0.98 0.00	15.97 0.87 0.00	14.35 0.78 0.00	17.29 1.11 0.00	18.30 1.23 0.00	19.42 1.55 0.00	18.82 1.49 0.00	25.71 1.79 -5.60	36.04 1.84 -15.54	66.53 1.82 -46.29	19.01 1.71 -0.02	24.28 1.70 -5.14	21.88 1.79 -1.49	24.70 1.79 0.00	20.39 1.41 0.00	21.67 1.48 0.00	21.80 1.36 -0.02	21.49 1.15 0.00	19.64 0.87 0.00	18.59 0.98 0.00
NYPA_GOWANUS__GT5 24156	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NYPA_GOWANUS__GT6 24157	19.33 1.09 0.00	19.46 1.03 0.00	18.03 0.90 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.39 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00
NYPA_HARLEM_RVR_GT1 24160	19.23 0.99 0.00	19.33 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.06 0.79 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	17.99 0.93 0.00	19.03 1.15 0.00	18.44 1.11 0.00	19.58 1.27 0.00	19.97 1.32 0.00	19.72 1.29 0.00	18.56 1.28 0.00	18.67 1.23 0.00	19.91 1.31 0.00	24.35 1.43 0.00	20.11 1.12 0.00	21.26 1.07 0.00	21.38 0.96 0.00	21.29 0.95 0.00	19.59 0.82 0.00	18.41 0.81 0.00
NYPA_HARLEM_RVR_GT2 24161	19.23 0.99 0.00	19.33 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.06 0.79 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	17.99 0.93 0.00	19.03 1.15 0.00	18.44 1.11 0.00	19.58 1.27 0.00	19.97 1.32 0.00	19.72 1.29 0.00	18.56 1.28 0.00	18.67 1.23 0.00	19.91 1.31 0.00	24.35 1.43 0.00	20.11 1.12 0.00	21.26 1.07 0.00	21.38 0.96 0.00	21.29 0.95 0.00	19.59 0.82 0.00	18.41 0.81 0.00
NYPA_KENT__GT 24152	19.32 1.08 0.00	19.44 1.00 0.00	18.01 0.89 0.00	18.15 0.91 0.00	18.14 0.88 0.00	15.87 0.77 0.00	14.30 0.72 0.00	17.12 0.94 0.00	18.08 1.01 0.00	19.10 1.22 0.00	18.54 1.21 0.00	19.65 1.34 0.00	20.05 1.39 0.00	19.79 1.36 0.00	18.62 1.34 0.00	18.74 1.31 0.00	19.99 1.39 0.00	24.47 1.55 0.00	20.19 1.20 0.00	21.35 1.16 0.00	21.47 1.05 0.00	21.36 1.03 0.00	19.68 0.91 0.00	18.48 0.87 0.00
NYPA_POUCH1__GT 24155	19.30 1.06 0.00	19.44 1.01 0.00	18.01 0.89 0.00	18.15 0.90 0.00	18.11 0.84 0.00	15.85 0.75 0.00	14.29 0.71 0.00	17.10 0.92 0.00	18.06 0.99 0.00	19.05 1.17 0.00	18.51 1.18 0.00	19.63 1.32 0.00	20.02 1.37 0.00	19.76 1.33 0.00	18.59 1.32 0.00	18.72 1.28 0.00	19.96 1.36 0.00	24.43 1.52 0.00	20.17 1.18 0.00	21.32 1.14 0.00	21.45 1.03 0.00	21.34 1.00 0.00	19.65 0.87 0.00	18.45 0.84 0.00
NYPA_VERNON__GT2 24162	19.31 1.07 0.00	19.42 0.98 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.85 0.00	15.84 0.75 0.00	14.27 0.70 0.00	17.09 0.91 0.00	18.06 1.00 0.00	19.09 1.21 0.00	18.53 1.20 0.00	19.64 1.33 0.00	20.03 1.37 0.00	19.77 1.34 0.00	18.60 1.32 0.00	18.73 1.29 0.00	19.97 1.36 0.00	24.44 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.03 0.00	21.34 1.00 0.00	19.66 0.89 0.00	18.47 0.86 0.00

NYPA_VERNON____GT3 24163	19.31 1.07 0.00	19.42 0.98 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.85 0.00	15.84 0.75 0.00	14.27 0.70 0.00	17.09 0.91 0.00	18.06 1.00 0.00	19.09 1.21 0.00	18.53 1.20 0.00	19.64 1.33 0.00	20.03 1.37 0.00	19.77 1.34 0.00	18.60 1.32 0.00	18.73 1.29 0.00	19.97 1.36 0.00	24.44 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.03 0.00	21.34 1.00 0.00	19.66 0.89 0.00	18.47 0.86 0.00
NYPA____ASTORIA_CC1 323568	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
NYPA____ASTORIA_CC2 323569	19.28 1.04 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.09 0.82 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.03 0.97 0.00	19.06 1.18 0.00	18.49 1.16 0.00	19.60 1.29 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.29 0.00	18.69 1.26 0.00	19.93 1.32 0.00	24.39 1.48 0.00	20.13 1.15 0.00	21.28 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.83 0.00
NYPA____HOLTSVILL 23794	19.42 1.18 0.00	19.50 1.06 0.00	18.09 0.97 0.00	18.19 0.94 0.00	18.15 0.88 0.00	15.90 0.80 0.00	14.41 0.83 0.00	17.27 1.09 0.00	18.25 1.18 0.00	19.37 1.49 0.00	18.76 1.44 0.00	25.67 1.72 -5.65	36.05 1.77 -15.62	66.81 1.77 -46.61	18.94 1.64 -0.02	23.98 1.61 -4.93	21.68 1.66 -1.42	24.65 1.73 0.00	20.36 1.37 0.00	21.67 1.48 0.00	21.78 1.35 -0.02	21.42 1.08 0.00	19.58 0.81 0.00	18.44 0.84 0.00
NYPA____HELLGATE_GT1 24158	19.23 0.99 0.00	19.33 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.06 0.79 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	17.99 0.93 0.00	19.03 1.15 0.00	18.44 1.11 0.00	19.58 1.27 0.00	19.97 1.32 0.00	19.72 1.29 0.00	18.56 1.28 0.00	18.67 1.23 0.00	19.91 1.31 0.00	24.35 1.43 0.00	20.11 1.12 0.00	21.26 1.07 0.00	21.38 0.96 0.00	21.29 0.95 0.00	19.59 0.82 0.00	18.41 0.81 0.00
NYPA____HELLGATE_GT2 24159	19.23 0.99 0.00	19.33 0.89 0.00	17.93 0.81 0.00	18.05 0.81 0.00	18.06 0.79 0.00	15.79 0.69 0.00	14.23 0.65 0.00	17.03 0.85 0.00	17.99 0.93 0.00	19.03 1.15 0.00	18.44 1.11 0.00	19.58 1.27 0.00	19.97 1.32 0.00	19.72 1.29 0.00	18.56 1.28 0.00	18.67 1.23 0.00	19.91 1.31 0.00	24.35 1.43 0.00	20.11 1.12 0.00	21.26 1.07 0.00	21.38 0.96 0.00	21.29 0.95 0.00	19.59 0.82 0.00	18.41 0.81 0.00
NYS_BARGE____HYD 23848	17.83 -0.40 0.00	18.20 -0.24 0.00	16.95 -0.17 0.00	16.93 -0.31 0.00	17.01 -0.25 0.00	14.95 -0.15 0.00	13.57 -0.01 0.00	16.12 -0.06 0.00	16.96 -0.10 0.00	17.72 -0.16 0.00	17.13 -0.19 0.00	17.82 -0.49 0.00	18.06 -0.60 0.00	17.97 -0.46 0.00	16.77 -0.51 0.00	16.96 -0.48 0.00	17.86 -0.74 0.00	21.95 -0.97 0.00	18.45 -0.53 0.00	19.67 -0.52 0.00	19.97 -0.45 0.00	19.89 -0.45 0.00	18.57 -0.21 0.00	17.30 -0.30 0.00
OAK ORCHARD____HYD 24046	18.06 -0.18 0.00	18.35 -0.09 0.00	17.05 -0.07 0.00	17.08 -0.16 0.00	17.14 -0.13 0.00	15.03 -0.06 0.00	13.59 0.01 0.00	16.16 -0.02 0.00	17.01 -0.05 0.00	17.83 -0.05 0.00	17.26 -0.07 0.00	18.08 -0.23 0.00	18.36 -0.30 0.00	18.20 -0.23 0.00	17.03 -0.24 0.00	17.21 -0.23 0.00	18.28 -0.32 0.00	22.55 -0.37 0.00	18.86 -0.12 0.00	20.10 -0.08 0.00	20.38 -0.04 0.00	20.30 -0.04 0.00	18.84 0.07 0.00	17.57 -0.03 0.00
OAKDALE____35_KV_LOAD 356122	18.37 0.13 0.00	18.60 0.16 0.00	17.24 0.12 0.00	17.35 0.11 0.00	17.41 0.15 0.00	15.22 0.12 0.00	13.73 0.15 0.00	16.37 0.19 0.00	17.30 0.23 0.00	18.16 0.28 0.00	17.58 0.25 0.00	18.49 0.18 0.00	18.83 0.17 0.00	18.60 0.17 0.00	17.45 0.17 0.00	17.63 0.19 0.00	18.81 0.21 0.00	23.19 0.27 0.00	19.24 0.25 0.00	20.40 0.22 0.00	20.59 0.17 0.00	20.49 0.15 0.00	18.94 0.17 0.00	17.75 0.14 0.00
OCC_CHEM____DRP 24175	17.42 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.37 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.92 0.00	17.65 -0.79 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.67 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.43 0.00	17.16 -0.44 0.00
OH_GEN_PROXY 24063	17.66 -0.58 0.00	18.03 -0.41 0.00	16.79 -0.33 0.00	16.78 -0.46 0.00	16.85 -0.41 0.00	14.82 -0.28 0.00	13.45 -0.13 0.00	15.97 -0.21 0.00	16.82 -0.25 0.00	17.62 -0.25 0.00	17.05 -0.27 0.00	17.76 -0.55 0.00	17.99 -0.67 0.00	17.88 -0.55 0.00	16.71 -0.57 0.00	16.88 -0.56 0.00	17.82 -0.78 0.00	21.90 -1.02 0.00	18.36 -0.63 0.00	19.54 -0.64 0.00	19.84 -0.58 0.00	35.90 -0.57 -16.14	34.63 -0.32 -16.17	17.21 -0.40 0.00
OLIN_CORP_DRP 24177	17.67 -0.57 0.00	18.04 -0.40 0.00	16.81 -0.31 0.00	16.79 -0.45 0.00	16.86 -0.40 0.00	14.83 -0.27 0.00	13.46 -0.12 0.00	15.98 -0.20 0.00	16.81 -0.25 0.00	17.55 -0.32 0.00	16.97 -0.36 0.00	17.65 -0.66 0.00	17.88 -0.78 0.00	17.79 -0.64 0.00	16.60 -0.68 0.00	16.77 -0.67 0.00	17.64 -0.96 0.00	21.65 -1.27 0.00	18.19 -0.80 0.00	19.38 -0.80 0.00	19.69 -0.73 0.00	19.61 -0.73 0.00	18.33 -0.44 0.00	17.08 -0.52 0.00
OLIN_CORP_DSASP 323712	17.43 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.38 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.91 0.00	17.65 -0.78 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.68 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.44 0.00	17.16 -0.44 0.00
ONEIDA_HERK_LFGE 323681	18.59 0.36 0.00	18.83 0.39 0.00	17.48 0.36 0.00	17.60 0.35 0.00	17.60 0.34 0.00	15.38 0.28 0.00	13.79 0.21 0.00	16.34 0.16 0.00	17.24 0.17 0.00	17.95 0.08 0.00	17.28 -0.04 0.00	18.26 -0.05 0.00	18.59 -0.07 0.00	18.33 -0.10 0.00	17.25 -0.03 0.00	17.38 -0.05 0.00	18.63 0.03 0.00	23.03 0.11 0.00	19.15 0.16 0.00	20.52 0.33 0.00	20.87 0.45 0.00	20.80 0.46 0.00	19.20 0.43 0.00	17.99 0.39 0.00
ONEIDA____115KV_TB4 55905	18.63 0.39 0.00	18.84 0.40 0.00	17.47 0.35 0.00	17.59 0.34 0.00	17.61 0.34 0.00	15.39 0.30 0.00	13.84 0.26 0.00	16.43 0.25 0.00	17.32 0.25 0.00	18.12 0.25 0.00	17.53 0.20 0.00	18.50 0.19 0.00	18.84 0.19 0.00	18.61 0.18 0.00	17.46 0.18 0.00	17.63 0.20 0.00	18.85 0.25 0.00	23.32 0.41 0.00	19.36 0.38 0.00	20.69 0.50 0.00	20.95 0.53 0.00	20.87 0.53 0.00	19.24 0.46 0.00	18.01 0.40 0.00

ONONDAGA_REF_OCCRA 23987	18.24 0.00 0.00	18.44 0.00 0.00	17.11 -0.02 0.00	17.21 -0.03 0.00	17.25 -0.02 0.00	15.08 -0.02 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.88 0.01 0.00	17.31 -0.01 0.00	18.25 -0.06 0.00	18.58 -0.07 0.00	18.37 -0.06 0.00	17.23 -0.05 0.00	17.38 -0.06 0.00	18.55 -0.05 0.00	22.90 -0.02 0.00	19.03 0.04 0.00	20.23 0.04 0.00	20.46 0.04 0.00	20.37 0.03 0.00	18.80 0.03 0.00	17.62 0.02 0.00
ONONDAGA___COGEN 23986	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
ONTARIO___LFGE 23819	18.26 0.02 0.00	18.50 0.06 0.00	17.15 0.03 0.00	17.23 -0.01 0.00	17.34 0.07 0.00	15.16 0.06 0.00	13.72 0.14 0.00	16.36 0.18 0.00	17.25 0.19 0.00	18.07 0.19 0.00	17.40 0.08 0.00	18.24 -0.07 0.00	18.56 -0.09 0.00	18.37 -0.06 0.00	17.22 -0.05 0.00	17.41 -0.03 0.00	18.59 -0.01 0.00	22.98 0.06 0.00	19.19 0.20 0.00	20.43 0.24 0.00	20.67 0.25 0.00	20.56 0.22 0.00	18.99 0.22 0.00	17.75 0.15 0.00
ORANGEVILLE_WT_PWR 323706	17.63 -0.61 0.00	17.92 -0.52 0.00	16.69 -0.43 0.00	16.76 -0.48 0.00	16.95 -0.31 0.00	14.84 -0.25 0.00	13.48 -0.09 0.00	16.19 0.01 0.00	17.13 0.06 0.00	17.92 0.04 0.00	17.19 -0.13 0.00	17.87 -0.44 0.00	18.14 -0.52 0.00	18.04 -0.39 0.00	16.92 -0.36 0.00	17.11 -0.33 0.00	18.14 -0.46 0.00	22.36 -0.55 0.00	18.69 -0.30 0.00	19.92 -0.27 0.00	20.22 -0.20 0.00	20.11 -0.22 0.00	18.71 -0.07 0.00	17.50 -0.10 0.00
ORANGEVILLE___ESR 323794	17.63 -0.61 0.00	17.92 -0.52 0.00	16.69 -0.43 0.00	16.76 -0.48 0.00	16.95 -0.31 0.00	14.84 -0.25 0.00	13.48 -0.09 0.00	16.19 0.01 0.00	17.13 0.06 0.00	17.92 0.04 0.00	17.19 -0.13 0.00	17.87 -0.44 0.00	18.14 -0.52 0.00	18.04 -0.39 0.00	16.92 -0.36 0.00	17.11 -0.33 0.00	18.14 -0.46 0.00	22.36 -0.55 0.00	18.69 -0.30 0.00	19.92 -0.27 0.00	20.22 -0.20 0.00	20.11 -0.22 0.00	18.71 -0.07 0.00	17.50 -0.10 0.00
OSWEGATCHIE___HYD 24044	18.40 0.16 0.00	18.65 0.21 0.00	17.34 0.22 0.00	17.46 0.22 0.00	17.48 0.21 0.00	15.28 0.18 0.00	13.67 0.09 0.00	16.19 0.01 0.00	17.04 -0.03 0.00	17.60 -0.28 0.00	16.87 -0.45 0.00	17.85 -0.46 0.00	18.18 -0.47 0.00	17.93 -0.50 0.00	16.87 -0.40 0.00	17.00 -0.44 0.00	18.22 -0.39 0.00	22.58 -0.33 0.00	18.80 -0.18 0.00	20.26 0.08 0.00	20.76 0.34 0.00	20.71 0.37 0.00	19.16 0.38 0.00	17.95 0.35 0.00
OSWEGO___5 23606	17.93 -0.31 0.00	18.14 -0.30 0.00	16.84 -0.28 0.00	16.94 -0.30 0.00	16.97 -0.29 0.00	14.84 -0.25 0.00	13.36 -0.21 0.00	15.92 -0.26 0.00	16.79 -0.28 0.00	17.59 -0.28 0.00	17.04 -0.29 0.00	17.96 -0.35 0.00	18.29 -0.37 0.00	18.08 -0.35 0.00	16.94 -0.34 0.00	17.09 -0.35 0.00	18.23 -0.37 0.00	22.47 -0.45 0.00	18.66 -0.33 0.00	19.84 -0.35 0.00	20.07 -0.35 0.00	19.99 -0.35 0.00	18.46 -0.31 0.00	17.32 -0.29 0.00
OSWEGO___6 23613	17.93 -0.31 0.00	18.14 -0.30 0.00	16.84 -0.28 0.00	16.94 -0.30 0.00	16.97 -0.29 0.00	14.84 -0.25 0.00	13.36 -0.21 0.00	15.92 -0.26 0.00	16.79 -0.28 0.00	17.59 -0.28 0.00	17.04 -0.29 0.00	17.96 -0.35 0.00	18.29 -0.37 0.00	18.08 -0.35 0.00	16.94 -0.34 0.00	17.09 -0.35 0.00	18.23 -0.37 0.00	22.47 -0.45 0.00	18.66 -0.33 0.00	19.84 -0.35 0.00	20.07 -0.35 0.00	19.99 -0.35 0.00	18.46 -0.31 0.00	17.32 -0.29 0.00
OUTOKUMPU-AB___DRP 24206	17.79 -0.45 0.00	18.14 -0.29 0.00	16.90 -0.22 0.00	16.89 -0.35 0.00	16.97 -0.30 0.00	14.92 -0.18 0.00	13.53 -0.04 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.74 -0.13 0.00	17.16 -0.17 0.00	17.86 -0.45 0.00	18.10 -0.56 0.00	18.00 -0.43 0.00	16.85 -0.43 0.00	17.04 -0.40 0.00	17.97 -0.63 0.00	22.10 -0.81 0.00	18.56 -0.43 0.00	19.76 -0.42 0.00	20.06 -0.36 0.00	19.98 -0.36 0.00	18.65 -0.13 0.00	17.41 -0.20 0.00
OXBOW____ 24026	17.65 -0.58 0.00	18.01 -0.42 0.00	16.79 -0.33 0.00	16.77 -0.47 0.00	16.84 -0.42 0.00	14.81 -0.28 0.00	13.44 -0.14 0.00	15.95 -0.23 0.00	16.80 -0.27 0.00	17.60 -0.28 0.00	17.04 -0.29 0.00	17.73 -0.58 0.00	17.96 -0.69 0.00	17.87 -0.55 0.00	16.75 -0.53 0.00	16.93 -0.51 0.00	17.86 -0.75 0.00	21.95 -0.96 0.00	18.44 -0.55 0.00	19.64 -0.55 0.00	19.94 -0.48 0.00	19.86 -0.48 0.00	18.55 -0.23 0.00	17.33 -0.27 0.00
OXY_CHEM_DSASP 323612	17.42 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.37 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.92 0.00	17.65 -0.79 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.67 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.43 0.00	17.16 -0.44 0.00
OZONE_PARK_ESR 323760	19.44 1.21 0.00	19.55 1.11 0.00	18.09 0.97 0.00	18.22 0.98 0.00	18.21 0.94 0.00	15.92 0.82 0.00	14.34 0.77 0.00	17.17 0.99 0.00	18.17 1.11 0.00	19.22 1.35 0.00	18.67 1.34 0.00	19.78 1.47 0.00	20.18 1.53 0.00	19.92 1.49 0.00	18.74 1.46 0.00	18.88 1.44 0.00	20.11 1.51 0.00	24.63 1.72 0.00	20.32 1.33 0.00	21.48 1.29 0.00	21.61 1.19 0.00	21.50 1.17 0.00	19.82 1.04 0.00	18.60 1.00 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.42 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.37 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.92 0.00	17.65 -0.79 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.67 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.43 0.00	17.16 -0.44 0.00
PACKARD___115KV_DUPONT_184 80571	17.42 -0.81 0.00	17.79 -0.64 0.00	16.60 -0.52 0.00	16.57 -0.67 0.00	16.63 -0.63 0.00	14.64 -0.45 0.00	13.28 -0.30 0.00	15.75 -0.43 0.00	16.58 -0.49 0.00	17.37 -0.50 0.00	16.83 -0.50 0.00	17.51 -0.80 0.00	17.74 -0.92 0.00	17.65 -0.79 0.00	16.54 -0.73 0.00	16.72 -0.72 0.00	17.62 -0.98 0.00	21.67 -1.24 0.00	18.20 -0.78 0.00	19.39 -0.80 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.43 0.00	17.16 -0.44 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	19.25 1.01 0.00	19.37 0.93 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.25 0.67 0.00	17.05 0.87 0.00	18.01 0.94 0.00	19.02 1.14 0.00	18.46 1.13 0.00	19.59 1.28 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.28 0.00	18.67 1.24 0.00	19.92 1.32 0.00	24.37 1.45 0.00	20.13 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.32 0.98 0.00	19.62 0.84 0.00	18.44 0.84 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	19.25 1.01 0.00	19.37 0.93 0.00	17.96 0.84 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.82 0.72 0.00	14.25 0.67 0.00	17.05 0.87 0.00	18.01 0.95 0.00	19.02 1.15 0.00	18.46 1.13 0.00	19.59 1.28 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.28 0.00	18.67 1.24 0.00	19.92 1.32 0.00	24.37 1.46 0.00	20.13 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.32 0.98 0.00	19.62 0.84 0.00	18.44 0.84 0.00
PATROON__115KV_TB1 80586	18.83 0.59 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.78 0.54 0.00	17.78 0.52 0.00	15.53 0.43 0.00	13.88 0.30 0.00	16.47 0.29 0.00	17.36 0.29 0.00	18.25 0.37 0.00	17.77 0.44 0.00	18.82 0.50 0.00	19.19 0.53 0.00	18.92 0.49 0.00	17.74 0.47 0.00	17.94 0.51 0.00	19.13 0.53 0.00	23.55 0.63 0.00	19.39 0.40 0.00	20.56 0.37 0.00	20.76 0.34 0.00	20.72 0.38 0.00	19.06 0.29 0.00	17.91 0.30 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.04 -0.20 0.00	18.38 -0.06 0.00	17.10 -0.02 0.00	17.10 -0.14 0.00	17.20 -0.07 0.00	15.09 -0.01 0.00	13.70 0.12 0.00	16.32 0.14 0.00	17.23 0.17 0.00	18.07 0.19 0.00	17.47 0.14 0.00	18.20 -0.11 0.00	18.44 -0.21 0.00	18.31 -0.12 0.00	17.13 -0.14 0.00	17.33 -0.10 0.00	18.34 -0.26 0.00	22.57 -0.34 0.00	18.89 -0.10 0.00	20.07 -0.12 0.00	20.33 -0.08 0.00	20.24 -0.09 0.00	18.86 0.08 0.00	17.58 -0.03 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	19.32 1.08 0.00	19.43 1.00 0.00	18.00 0.88 0.00	18.13 0.89 0.00	18.13 0.86 0.00	15.86 0.76 0.00	14.28 0.70 0.00	17.07 0.89 0.00	18.06 1.00 0.00	19.07 1.19 0.00	18.56 1.24 0.00	19.66 1.35 0.00	20.06 1.40 0.00	19.78 1.35 0.00	18.59 1.32 0.00	18.77 1.33 0.00	20.00 1.40 0.00	24.53 1.61 0.00	20.25 1.26 0.00	21.41 1.23 0.00	21.55 1.13 0.00	21.43 1.09 0.00	19.72 0.95 0.00	18.49 0.89 0.00
PEEKSKILL____ 23653	19.17 0.93 0.00	19.26 0.82 0.00	17.84 0.73 0.00	17.98 0.73 0.00	17.97 0.70 0.00	15.72 0.62 0.00	14.15 0.58 0.00	16.93 0.75 0.00	17.91 0.84 0.00	18.92 1.04 0.00	18.38 1.06 0.00	19.48 1.17 0.00	19.87 1.21 0.00	19.60 1.17 0.00	18.43 1.16 0.00	18.58 1.15 0.00	19.81 1.21 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.20 1.01 0.00	21.32 0.90 0.00	21.20 0.86 0.00	19.53 0.76 0.00	18.33 0.73 0.00
PGE MADISON__WINDPWR 24146	19.47 1.24 0.00	19.69 1.25 0.00	18.25 1.13 0.00	18.35 1.11 0.00	18.40 1.13 0.00	16.09 0.99 0.00	14.49 0.91 0.00	17.17 1.00 0.00	18.03 0.96 0.00	18.77 0.89 0.00	18.07 0.74 0.00	18.98 0.67 0.00	19.30 0.65 0.00	18.99 0.57 0.00	17.87 0.59 0.00	18.11 0.68 0.00	19.52 0.92 0.00	24.26 1.34 0.00	20.33 1.35 0.00	21.75 1.57 0.00	22.07 1.65 0.00	21.96 1.62 0.00	20.17 1.39 0.00	18.75 1.15 0.00
PIERCEFIELD__HYD 23852	18.24 0.00 0.00	18.45 0.01 0.00	17.16 0.04 0.00	17.29 0.04 0.00	17.34 0.08 0.00	15.17 0.08 0.00	13.62 0.04 0.00	16.23 0.05 0.00	17.09 0.02 0.00	17.69 -0.18 0.00	17.07 -0.25 0.00	18.08 -0.23 0.00	18.42 -0.24 0.00	18.21 -0.21 0.00	17.08 -0.20 0.00	17.24 -0.19 0.00	18.43 -0.17 0.00	22.82 -0.10 0.00	18.97 -0.02 0.00	20.34 0.15 0.00	20.76 0.34 0.00	20.66 0.32 0.00	19.10 0.33 0.00	17.87 0.27 0.00
PINELAWN_CC_1 323563	19.41 1.18 0.00	19.49 1.06 0.00	18.06 0.94 0.00	18.16 0.92 0.00	18.14 0.87 0.00	15.88 0.78 0.00	14.34 0.76 0.00	17.17 0.99 0.00	18.15 1.08 0.00	19.26 1.39 0.00	18.66 1.34 0.00	25.35 1.62 -5.42	35.49 1.68 -15.15	64.86 1.65 -44.78	18.86 1.56 -0.02	25.07 1.56 -6.07	22.08 1.67 -1.81	24.71 1.79 0.00	20.39 1.40 0.00	21.66 1.47 0.00	21.78 1.35 -0.02	21.47 1.14 0.00	19.66 0.88 0.00	18.50 0.90 0.00
PJM_GEN_HTP_PROXY 323702	19.29 1.05 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.03 0.97 0.00	19.07 1.19 0.00	18.52 1.20 0.00	19.63 1.32 0.00	20.01 1.36 0.00	19.75 1.33 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.42 1.51 0.00	20.14 1.15 0.00	21.28 1.09 0.00	21.40 0.98 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.44 0.84 0.00
PJM_GEN_KEystone 24065	17.78 0.30 0.76	18.71 0.27 0.00	17.35 0.23 0.00	17.45 0.21 0.00	17.49 0.22 0.00	15.29 0.22 0.02	13.82 0.25 0.00	16.53 0.35 0.00	17.49 0.43 0.00	18.45 0.57 0.00	17.89 0.56 0.00	18.81 0.50 0.00	19.14 0.49 0.00	18.91 0.48 0.00	17.75 0.47 0.00	17.93 0.49 0.00	19.09 0.49 0.00	23.44 0.52 0.00	19.43 0.44 0.00	20.54 0.36 0.00	20.68 0.25 0.00	20.55 0.21 0.00	19.03 0.26 0.00	17.83 0.23 0.00
PJM_GEN_NEPTUNE_PROXY 323594	19.22 0.98 0.00	19.32 0.87 0.00	17.90 0.77 0.00	18.00 0.76 0.00	17.98 0.71 0.00	15.74 0.64 0.00	14.21 0.63 0.00	17.00 0.82 0.00	17.98 0.92 0.00	19.07 1.19 0.00	18.50 1.18 0.00	20.49 1.42 -0.76	22.24 1.47 -2.12	26.15 1.42 -6.30	18.62 1.35 0.00	19.65 1.40 -0.82	20.19 1.44 -0.15	24.49 1.57 0.00	20.17 1.19 0.00	21.39 1.21 0.00	21.51 1.08 -0.01	21.25 0.91 0.00	19.49 0.72 0.00	18.35 0.74 0.00
PJM_GEN_VFT_PROXY 323633	19.23 0.99 0.00	19.31 0.87 0.00	17.87 0.75 0.00	18.02 0.78 0.00	18.00 0.73 0.00	15.40 0.63 0.33	14.17 0.60 0.00	16.97 0.80 0.00	17.95 0.88 0.00	19.00 1.13 0.00	18.46 1.13 0.00	19.53 1.23 0.00	19.93 1.27 0.00	19.67 1.24 0.00	18.50 1.23 0.00	18.64 1.20 0.00	19.86 1.26 0.00	24.34 1.42 0.00	20.07 1.09 0.00	21.21 1.02 0.00	21.33 0.91 0.00	21.21 0.87 0.00	19.56 0.78 0.00	18.38 0.78 0.00
PLATSBURG_115KV_PMLD1 355749	18.50 0.26 0.00	18.56 0.12 0.00	17.33 0.21 0.00	17.49 0.25 0.00	17.70 0.44 0.00	15.47 0.37 0.00	13.89 0.31 0.00	16.64 0.46 0.00	17.40 0.33 0.00	17.93 0.05 0.00	17.37 0.04 0.00	18.24 -0.07 0.00	18.62 -0.03 0.00	18.47 0.04 0.00	17.25 -0.02 0.00	17.57 0.13 0.00	18.68 0.08 0.00	23.39 0.47 0.00	19.34 0.36 0.00	20.78 0.60 0.00	21.40 0.98 0.00	21.16 0.82 0.00	19.69 0.92 0.00	18.44 0.84 0.00
PLEASANTVLY__LBMP 24000	19.10 0.86 0.00	19.22 0.78 0.00	17.82 0.70 0.00	17.95 0.71 0.00	17.94 0.68 0.00	15.70 0.60 0.00	14.12 0.55 0.00	16.87 0.69 0.00	17.84 0.77 0.00	18.82 0.94 0.00	18.31 0.98 0.00	19.40 1.09 0.00	19.79 1.13 0.00	19.51 1.08 0.00	18.34 1.06 0.00	18.49 1.05 0.00	19.70 1.10 0.00	24.15 1.23 0.00	19.92 0.93 0.00	21.08 0.89 0.00	21.22 0.80 0.00	21.12 0.78 0.00	19.45 0.67 0.00	18.27 0.67 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	19.21 0.97 0.00	19.32 0.88 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.02 0.76 0.00	15.76 0.67 0.00	14.19 0.61 0.00	16.97 0.79 0.00	17.96 0.89 0.00	18.96 1.08 0.00	18.43 1.10 0.00	19.53 1.22 0.00	19.92 1.26 0.00	19.65 1.22 0.00	18.47 1.20 0.00	18.63 1.19 0.00	19.85 1.25 0.00	24.33 1.41 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.37 0.95 0.00	21.25 0.91 0.00	19.58 0.81 0.00	18.38 0.78 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	19.21 0.97 0.00	19.32 0.88 0.00	17.91 0.79 0.00	18.03 0.79 0.00	18.02 0.76 0.00	15.76 0.67 0.00	14.19 0.61 0.00	16.97 0.79 0.00	17.96 0.89 0.00	18.96 1.08 0.00	18.43 1.10 0.00	19.53 1.22 0.00	19.92 1.26 0.00	19.65 1.22 0.00	18.47 1.20 0.00	18.63 1.19 0.00	19.85 1.25 0.00	24.33 1.41 0.00	20.08 1.09 0.00	21.23 1.05 0.00	21.37 0.95 0.00	21.25 0.91 0.00	19.58 0.81 0.00	18.38 0.78 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	19.21 0.98 0.00	19.33 0.89 0.00	17.92 0.80 0.00	18.04 0.80 0.00	18.04 0.77 0.00	15.78 0.68 0.00	14.20 0.63 0.00	16.96 0.78 0.00	17.93 0.86 0.00	18.91 1.03 0.00	18.41 1.08 0.00	19.52 1.21 0.00	19.90 1.24 0.00	19.61 1.19 0.00	18.43 1.16 0.00	18.61 1.17 0.00	19.83 1.23 0.00	24.33 1.42 0.00	20.10 1.11 0.00	21.28 1.09 0.00	21.42 0.99 0.00	21.30 0.96 0.00	19.61 0.83 0.00	18.40 0.79 0.00
POLETTI____ 23519	19.27 1.04 0.00	19.39 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.04 0.97 0.00	19.07 1.20 0.00	18.53 1.20 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.33 0.00	18.57 1.30 0.00	18.71 1.27 0.00	19.93 1.32 0.00	24.38 1.46 0.00	20.11 1.13 0.00	21.25 1.07 0.00	21.38 0.96 0.00	21.27 0.93 0.00	19.61 0.84 0.00	18.43 0.82 0.00
PORT_JEFF_3 23555	19.45 1.21 0.00	19.54 1.10 0.00	18.11 0.99 0.00	18.21 0.97 0.00	18.18 0.92 0.00	15.93 0.83 0.00	14.43 0.86 0.00	17.30 1.12 0.00	18.28 1.21 0.00	19.41 1.53 0.00	18.80 1.47 0.00	25.72 1.77 -5.64	36.08 1.81 -15.62	66.84 1.82 -46.59	18.98 1.68 -0.02	24.03 1.65 -4.95	21.74 1.71 -1.42	24.71 1.79 0.00	20.41 1.43 0.00	21.73 1.54 0.00	21.84 1.40 -0.02	21.47 1.13 0.00	19.62 0.85 0.00	18.48 0.87 0.00
PORT_JEFF_4 23616	19.45 1.21 0.00	19.54 1.10 0.00	18.11 0.99 0.00	18.21 0.97 0.00	18.18 0.92 0.00	15.93 0.83 0.00	14.43 0.86 0.00	17.30 1.12 0.00	18.28 1.21 0.00	19.41 1.53 0.00	18.80 1.47 0.00	25.72 1.77 -5.64	36.08 1.81 -15.62	66.84 1.82 -46.59	18.98 1.68 -0.02	24.03 1.65 -4.95	21.74 1.71 -1.42	24.71 1.79 0.00	20.41 1.43 0.00	21.73 1.54 0.00	21.84 1.40 -0.02	21.47 1.13 0.00	19.62 0.85 0.00	18.48 0.87 0.00
PORT_JEFF_IC 23713	19.47 1.23 0.00	19.55 1.11 0.00	18.12 1.00 0.00	18.22 0.98 0.00	18.19 0.92 0.00	15.93 0.84 0.00	14.45 0.87 0.00	17.31 1.13 0.00	18.29 1.23 0.00	19.43 1.55 0.00	18.82 1.50 0.00	25.74 1.80 -5.63	36.09 1.84 -15.60	66.81 1.85 -46.52	19.01 1.71 -0.02	24.08 1.66 -4.98	21.77 1.73 -1.43	24.73 1.82 0.00	20.43 1.45 0.00	21.75 1.56 0.00	21.87 1.43 -0.02	21.49 1.15 0.00	19.63 0.86 0.00	18.48 0.88 0.00
PPL PILGRIM_ST_GT1 24216	19.53 1.29 0.00	19.61 1.17 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.25 0.98 0.00	15.97 0.87 0.00	14.35 0.78 0.00	17.29 1.11 0.00	18.30 1.23 0.00	19.42 1.55 0.00	18.82 1.49 0.00	25.71 1.79 -5.60	36.04 1.84 -15.54	66.53 1.82 -46.29	19.01 1.71 -0.02	24.28 1.70 -5.14	21.88 1.79 -1.49	24.70 1.79 0.00	20.39 1.41 0.00	21.67 1.48 0.00	21.80 1.36 -0.02	21.49 1.15 0.00	19.64 0.87 0.00	18.59 0.98 0.00
PPL PILGRIM_ST_GT2 24217	19.53 1.29 0.00	19.61 1.17 0.00	18.18 1.06 0.00	18.28 1.04 0.00	18.25 0.98 0.00	15.97 0.87 0.00	14.35 0.78 0.00	17.29 1.11 0.00	18.30 1.23 0.00	19.42 1.55 0.00	18.82 1.49 0.00	25.71 1.79 -5.60	36.04 1.84 -15.54	66.53 1.82 -46.29	19.01 1.71 -0.02	24.28 1.70 -5.14	21.88 1.79 -1.49	24.70 1.79 0.00	20.39 1.41 0.00	21.67 1.48 0.00	21.80 1.36 -0.02	21.49 1.15 0.00	19.64 0.87 0.00	18.59 0.98 0.00
PPL_SHRM_GT3 24213	19.41 1.17 0.00	19.48 1.04 0.00	18.08 0.96 0.00	18.17 0.93 0.00	18.13 0.87 0.00	15.89 0.80 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.51 1.63 0.00	18.85 1.52 0.00	25.75 1.80 -5.64	36.10 1.83 -15.61	66.94 1.95 -46.56	19.03 1.74 -0.02	24.03 1.63 -4.96	21.61 1.58 -1.43	24.46 1.54 0.00	20.27 1.28 0.00	21.68 1.49 0.00	21.76 1.32 -0.02	21.26 0.92 0.00	19.41 0.64 0.00	18.28 0.67 0.00
PPL_SHRM_GT4 24214	19.41 1.17 0.00	19.48 1.04 0.00	18.08 0.96 0.00	18.17 0.93 0.00	18.13 0.87 0.00	15.89 0.80 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.51 1.63 0.00	18.85 1.52 0.00	25.75 1.80 -5.64	36.10 1.83 -15.61	66.94 1.95 -46.56	19.03 1.74 -0.02	24.03 1.63 -4.96	21.61 1.58 -1.43	24.46 1.54 0.00	20.27 1.28 0.00	21.68 1.49 0.00	21.76 1.32 -0.02	21.26 0.92 0.00	19.41 0.64 0.00	18.28 0.67 0.00
PROJECT____ORANGE 1 24174	18.15 -0.09 0.00	18.35 -0.09 0.00	17.02 -0.10 0.00	17.13 -0.11 0.00	17.16 -0.10 0.00	15.01 -0.09 0.00	13.52 -0.06 0.00	16.10 -0.08 0.00	16.98 -0.08 0.00	17.81 -0.07 0.00	17.25 -0.08 0.00	18.18 -0.13 0.00	18.51 -0.15 0.00	18.30 -0.13 0.00	17.15 -0.12 0.00	17.31 -0.13 0.00	18.47 -0.13 0.00	22.79 -0.13 0.00	18.93 -0.06 0.00	20.12 -0.07 0.00	20.34 -0.08 0.00	20.26 -0.08 0.00	18.70 -0.07 0.00	17.53 -0.07 0.00
PROJECT____ORANGE 2 24166	18.15 -0.09 0.00	18.35 -0.09 0.00	17.02 -0.10 0.00	17.13 -0.11 0.00	17.16 -0.10 0.00	15.01 -0.09 0.00	13.52 -0.06 0.00	16.10 -0.08 0.00	16.98 -0.08 0.00	17.81 -0.07 0.00	17.25 -0.08 0.00	18.18 -0.13 0.00	18.51 -0.15 0.00	18.30 -0.13 0.00	17.15 -0.12 0.00	17.31 -0.13 0.00	18.47 -0.13 0.00	22.79 -0.13 0.00	18.93 -0.06 0.00	20.12 -0.07 0.00	20.34 -0.08 0.00	20.26 -0.08 0.00	18.70 -0.07 0.00	17.53 -0.07 0.00
PUCKETT____SOLAR 323809	18.66 0.42 0.00	18.87 0.43 0.00	17.48 0.37 0.00	17.60 0.36 0.00	17.66 0.40 0.00	15.44 0.34 0.00	13.93 0.35 0.00	16.58 0.39 0.00	17.45 0.38 0.00	18.26 0.38 0.00	17.62 0.30 0.00	18.53 0.22 0.00	18.87 0.21 0.00	18.63 0.20 0.00	17.49 0.21 0.00	17.67 0.24 0.00	18.91 0.31 0.00	23.47 0.55 0.00	19.53 0.55 0.00	20.76 0.57 0.00	20.99 0.57 0.00	20.88 0.54 0.00	19.27 0.49 0.00	18.03 0.42 0.00
PYRITES____HYD 24023	18.44 0.20 0.00	18.66 0.22 0.00	17.35 0.23 0.00	17.46 0.22 0.00	17.52 0.26 0.00	15.33 0.24 0.00	13.76 0.18 0.00	16.38 0.20 0.00	17.24 0.17 0.00	17.87 0.00 0.00	17.26 -0.07 0.00	18.28 -0.03 0.00	18.64 -0.02 0.00	18.43 0.00 0.00	17.28 0.00 0.00	17.44 0.01 0.00	18.65 0.05 0.00	23.11 0.19 0.00	19.22 0.23 0.00	20.62 0.44 0.00	21.05 0.63 0.00	20.95 0.61 0.00	19.34 0.57 0.00	18.07 0.47 0.00
QUAKERRD_115KV_BK1 80622	17.68 -0.56 0.00	17.95 -0.49 0.00	16.67 -0.45 0.00	16.72 -0.52 0.00	16.77 -0.50 0.00	14.70 -0.40 0.00	13.28 -0.30 0.00	15.79 -0.39 0.00	16.64 -0.42 0.00	17.44 -0.43 0.00	16.89 -0.44 0.00	17.71 -0.60 0.00	17.99 -0.67 0.00	17.83 -0.60 0.00	16.69 -0.58 0.00	16.85 -0.58 0.00	17.92 -0.68 0.00	22.10 -0.82 0.00	18.46 -0.53 0.00	19.64 -0.55 0.00	19.89 -0.54 0.00	19.81 -0.53 0.00	18.35 -0.42 0.00	17.14 -0.47 0.00

QUENSBRY_115KV_TB8 356137	19.82 1.58 0.00	19.92 1.48 0.00	18.49 1.37 0.00	18.59 1.35 0.00	18.60 1.33 0.00	16.28 1.18 0.00	14.65 1.08 0.00	17.46 1.28 0.00	18.41 1.34 0.00	19.32 1.45 0.00	18.76 1.43 0.00	19.78 1.47 0.00	20.22 1.56 0.00	19.73 1.30 0.00	18.47 1.20 0.00	18.75 1.32 0.00	20.05 1.45 0.00	24.93 2.01 0.00	20.57 1.58 0.00	21.83 1.65 0.00	22.08 1.66 0.00	21.94 1.61 0.00	20.19 1.41 0.00	18.97 1.37 0.00
RAMAPO____LBMP 323565	19.09 0.85 0.00	19.18 0.74 0.00	17.76 0.64 0.00	17.90 0.66 0.00	17.89 0.62 0.00	15.65 0.56 0.00	14.09 0.51 0.00	16.86 0.68 0.00	17.84 0.77 0.00	18.84 0.97 0.00	18.31 0.98 0.00	19.40 1.09 0.00	19.79 1.13 0.00	19.52 1.09 0.00	18.35 1.08 0.00	18.50 1.06 0.00	19.73 1.13 0.00	24.19 1.27 0.00	19.98 1.00 0.00	21.13 0.95 0.00	21.25 0.83 0.00	21.12 0.78 0.00	19.47 0.69 0.00	18.27 0.67 0.00
RANKINE____ 23646	17.94 -0.30 0.00	18.28 -0.16 0.00	17.02 -0.11 0.00	17.02 -0.22 0.00	17.12 -0.14 0.00	15.03 -0.07 0.00	13.65 0.07 0.00	16.26 0.08 0.00	17.17 0.10 0.00	17.98 0.10 0.00	17.36 0.04 0.00	18.07 -0.23 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.38 0.00	22.42 -0.50 0.00	18.78 -0.21 0.00	19.98 -0.21 0.00	20.27 -0.15 0.00	20.18 -0.16 0.00	18.81 0.03 0.00	17.53 -0.07 0.00
RAVENSWOOD_GT2_1 24244	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.18 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD_GT2_2 24245	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.18 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD_GT2_3 24246	19.29 1.05 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.03 0.97 0.00	19.07 1.19 0.00	18.52 1.20 0.00	19.63 1.32 0.00	20.02 1.36 0.00	19.75 1.33 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.42 1.51 0.00	20.15 1.16 0.00	21.30 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.64 0.87 0.00	18.45 0.84 0.00
RAVENSWOOD_GT2_4 24247	19.29 1.05 0.00	19.39 0.96 0.00	17.96 0.84 0.00	18.10 0.86 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.24 0.67 0.00	17.05 0.87 0.00	18.03 0.97 0.00	19.07 1.19 0.00	18.52 1.20 0.00	19.63 1.32 0.00	20.02 1.36 0.00	19.75 1.33 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.95 1.35 0.00	24.42 1.51 0.00	20.15 1.16 0.00	21.30 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.64 0.87 0.00	18.45 0.84 0.00
RAVENSWOOD_GT3_1 24248	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD_GT3_2 24249	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD_GT3_3 24250	19.31 1.07 0.00	19.41 0.97 0.00	17.97 0.85 0.00	18.11 0.87 0.00	18.09 0.83 0.00	15.82 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.65 1.34 0.00	20.04 1.38 0.00	19.78 1.35 0.00	18.60 1.32 0.00	18.74 1.31 0.00	19.97 1.37 0.00	24.45 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.03 0.00	21.33 0.99 0.00	19.66 0.89 0.00	18.46 0.86 0.00
RAVENSWOOD_GT3_4 24251	19.31 1.07 0.00	19.41 0.97 0.00	17.97 0.85 0.00	18.11 0.87 0.00	18.09 0.83 0.00	15.82 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.65 1.34 0.00	20.04 1.38 0.00	19.78 1.35 0.00	18.60 1.32 0.00	18.74 1.31 0.00	19.97 1.37 0.00	24.45 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.03 0.00	21.33 0.99 0.00	19.66 0.89 0.00	18.46 0.86 0.00
RAVENSWOOD_GT_1 23729	19.31 1.07 0.00	19.42 0.98 0.00	17.99 0.87 0.00	18.12 0.88 0.00	18.11 0.85 0.00	15.84 0.75 0.00	14.27 0.70 0.00	17.09 0.91 0.00	18.06 1.00 0.00	19.09 1.21 0.00	18.53 1.20 0.00	19.64 1.33 0.00	20.03 1.37 0.00	19.77 1.34 0.00	18.60 1.32 0.00	18.73 1.29 0.00	19.97 1.36 0.00	24.44 1.53 0.00	20.17 1.18 0.00	21.32 1.13 0.00	21.45 1.03 0.00	21.34 1.00 0.00	19.66 0.89 0.00	18.47 0.86 0.00
RAVENSWOOD_GT_10 24258	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.97 0.00	19.63 0.85 0.00	18.44 0.83 0.00
RAVENSWOOD_GT_11 24259	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.80 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD_GT_4 24252	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.97 0.00	19.06 1.19 0.00	18.52 1.19 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.94 1.34 0.00	24.42 1.50 0.00	20.14 1.16 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.44 0.84 0.00



RAVENSWOOD_GT_5 24254	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.97 0.00	19.06 1.19 0.00	18.52 1.19 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.94 1.34 0.00	24.42 1.50 0.00	20.14 1.16 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.44 0.84 0.00
RAVENSWOOD_GT_6 24253	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.97 0.00	19.06 1.19 0.00	18.52 1.19 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.94 1.34 0.00	24.42 1.50 0.00	20.14 1.16 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.44 0.84 0.00
RAVENSWOOD_GT_7 24255	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.97 0.00	19.06 1.19 0.00	18.52 1.19 0.00	19.62 1.31 0.00	20.01 1.36 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.72 1.28 0.00	19.94 1.34 0.00	24.42 1.50 0.00	20.14 1.16 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.44 0.84 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	19.28 1.04 0.00	19.38 0.95 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.75 1.32 0.00	18.57 1.30 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.97 0.00	19.63 0.85 0.00	18.44 0.83 0.00
RAVENSWOOD_GT_9 24257	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.84 0.00	18.07 0.80 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.18 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.30 0.96 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD___1 23533	19.28 1.04 0.00	19.38 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.25 0.67 0.00	17.06 0.88 0.00	18.03 0.96 0.00	19.05 1.18 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.43 0.83 0.00
RAVENSWOOD___2 23534	19.28 1.04 0.00	19.38 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.25 0.67 0.00	17.06 0.88 0.00	18.03 0.96 0.00	19.05 1.18 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.43 0.83 0.00
RAVENSWOOD___3 23535	19.28 1.04 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.08 0.85 0.00	18.07 0.81 0.00	15.81 0.71 0.00	14.24 0.66 0.00	17.04 0.86 0.00	18.03 0.96 0.00	19.06 1.19 0.00	18.51 1.19 0.00	19.62 1.31 0.00	20.01 1.35 0.00	19.74 1.32 0.00	18.57 1.29 0.00	18.71 1.28 0.00	19.94 1.34 0.00	24.41 1.50 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.42 1.00 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.44 0.83 0.00
RAVENSWOOD___4 23820	19.28 1.04 0.00	19.38 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.25 0.67 0.00	17.06 0.88 0.00	18.03 0.96 0.00	19.05 1.18 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.43 0.83 0.00
RCPL_TRUST___DRP 24196	19.31 1.06 0.00	19.40 0.96 0.00	17.97 0.85 0.00	18.11 0.87 0.00	18.09 0.83 0.00	15.82 0.72 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.05 0.98 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.65 1.34 0.00	20.04 1.38 0.00	19.77 1.34 0.00	18.59 1.32 0.00	18.74 1.30 0.00	19.97 1.37 0.00	24.45 1.53 0.00	20.16 1.17 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.32 0.98 0.00	19.65 0.87 0.00	18.46 0.85 0.00
RED___ROCHESTER 323720	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.93 0.05 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.70 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.51 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
REGAN___SOLAR 323812	20.07 1.84 0.00	20.25 1.81 0.00	18.78 1.66 0.00	18.91 1.66 0.00	18.91 1.65 0.00	16.58 1.48 0.00	14.93 1.35 0.00	17.76 1.58 0.00	18.64 1.57 0.00	19.33 1.45 0.00	18.62 1.29 0.00	19.73 1.42 0.00	20.20 1.55 0.00	20.07 1.63 0.00	18.82 1.55 0.00	18.74 1.31 0.00	20.31 1.71 0.00	25.15 2.23 0.00	21.14 2.16 0.00	22.60 2.41 0.00	22.91 2.49 0.00	22.75 2.41 0.00	20.92 2.14 0.00	19.49 1.89 0.00
RENSSELAER___COGEN 23796	18.73 0.49 0.00	18.92 0.48 0.00	17.57 0.45 0.00	17.69 0.45 0.00	17.70 0.43 0.00	15.46 0.36 0.00	13.81 0.24 0.00	16.39 0.21 0.00	17.27 0.20 0.00	18.15 0.28 0.00	17.67 0.34 0.00	18.71 0.40 0.00	19.08 0.42 0.00	18.81 0.38 0.00	17.64 0.37 0.00	17.84 0.40 0.00	19.01 0.41 0.00	23.39 0.48 0.00	19.26 0.28 0.00	20.43 0.25 0.00	20.63 0.21 0.00	20.60 0.26 0.00	18.96 0.18 0.00	17.81 0.20 0.00
REPUBLIC_115KV_BARTNBRK 55605	20.91 2.67 0.00	20.84 2.40 0.00	19.35 2.23 0.00	19.40 2.16 0.00	19.45 2.19 0.00	17.03 1.93 0.00	15.39 1.81 0.00	18.34 2.16 0.00	19.38 2.31 0.00	20.37 2.49 0.00	19.97 2.64 0.00	20.99 2.68 0.00	21.44 2.79 0.00	20.95 2.52 0.00	19.58 2.30 0.00	19.89 2.45 0.00	21.05 2.45 0.00	26.24 3.32 0.00	21.61 2.62 0.00	22.95 2.76 0.00	23.21 2.79 0.00	23.01 2.67 0.00	21.21 2.44 0.00	19.97 2.37 0.00
REVERE_CPPR_DRP 24186	18.76 0.52 0.00	18.97 0.53 0.00	17.59 0.47 0.00	17.71 0.46 0.00	17.73 0.46 0.00	15.49 0.40 0.00	13.91 0.34 0.00	16.50 0.32 0.00	17.39 0.33 0.00	18.16 0.29 0.00	17.53 0.20 0.00	18.51 0.20 0.00	18.86 0.20 0.00	18.61 0.19 0.00	17.48 0.20 0.00	17.64 0.20 0.00	18.89 0.29 0.00	23.40 0.48 0.00	19.46 0.47 0.00	20.82 0.63 0.00	21.12 0.70 0.00	21.04 0.70 0.00	19.40 0.62 0.00	18.15 0.55 0.00

REYNOLDS_115KV_TB3 80639	18.85 0.61 0.00	19.04 0.60 0.00	17.68 0.56 0.00	17.80 0.56 0.00	17.81 0.54 0.00	15.56 0.47 0.00	13.93 0.35 0.00	16.54 0.35 0.00	17.43 0.36 0.00	18.32 0.44 0.00	17.83 0.50 0.00	18.88 0.57 0.00	19.25 0.60 0.00	18.98 0.55 0.00	17.79 0.51 0.00	17.99 0.55 0.00	19.18 0.57 0.00	23.58 0.66 0.00	19.40 0.41 0.00	20.57 0.39 0.00	20.78 0.36 0.00	20.76 0.42 0.00	19.11 0.33 0.00	17.94 0.34 0.00
RIVERBAY____ 323610	19.25 1.01 0.00	19.37 0.93 0.00	17.96 0.84 0.00	18.08 0.84 0.00	18.08 0.81 0.00	15.82 0.72 0.00	14.25 0.67 0.00	17.05 0.87 0.00	18.01 0.95 0.00	19.02 1.15 0.00	18.46 1.13 0.00	19.59 1.28 0.00	19.99 1.33 0.00	19.73 1.30 0.00	18.56 1.28 0.00	18.67 1.24 0.00	19.92 1.32 0.00	24.37 1.46 0.00	20.13 1.15 0.00	21.29 1.11 0.00	21.42 1.00 0.00	21.32 0.98 0.00	19.62 0.84 0.00	18.44 0.84 0.00
RIVERSDE_115KV_TB3 55908	18.80 0.56 0.00	18.99 0.55 0.00	17.63 0.51 0.00	17.76 0.52 0.00	17.76 0.50 0.00	15.52 0.42 0.00	13.88 0.30 0.00	16.46 0.28 0.00	17.36 0.29 0.00	18.24 0.36 0.00	17.76 0.43 0.00	18.80 0.49 0.00	19.18 0.52 0.00	18.90 0.47 0.00	17.72 0.45 0.00	17.92 0.49 0.00	19.10 0.50 0.00	23.50 0.59 0.00	19.34 0.36 0.00	20.51 0.33 0.00	20.72 0.29 0.00	20.69 0.35 0.00	19.04 0.26 0.00	17.89 0.28 0.00
ROARING____BROOK_WT_PWR 323790	17.80 -0.44 0.00	18.05 -0.38 0.00	16.89 -0.23 0.00	17.02 -0.22 0.00	17.07 -0.20 0.00	14.90 -0.19 0.00	13.27 -0.30 0.00	15.87 -0.31 0.00	16.77 -0.29 0.00	17.42 -0.46 0.00	16.74 -0.58 0.00	17.70 -0.61 0.00	18.01 -0.65 0.00	17.80 -0.63 0.00	16.74 -0.54 0.00	16.89 -0.55 0.00	18.06 -0.55 0.00	22.28 -0.64 0.00	18.46 -0.52 0.00	19.73 -0.46 0.00	20.08 -0.34 0.00	20.03 -0.31 0.00	18.51 -0.26 0.00	17.39 -0.22 0.00
ROCHESRG_115KV_T4 355643	18.00 -0.24 0.00	18.28 -0.16 0.00	17.00 -0.12 0.00	17.03 -0.21 0.00	17.08 -0.19 0.00	14.98 -0.11 0.00	13.55 -0.03 0.00	16.10 -0.07 0.00	16.96 -0.10 0.00	17.78 -0.10 0.00	17.21 -0.11 0.00	18.03 -0.28 0.00	18.30 -0.36 0.00	18.14 -0.29 0.00	16.98 -0.29 0.00	17.15 -0.28 0.00	18.22 -0.39 0.00	22.46 -0.46 0.00	18.78 -0.21 0.00	20.01 -0.17 0.00	20.29 -0.13 0.00	20.20 -0.14 0.00	18.75 -0.03 0.00	17.50 -0.11 0.00
ROCHESTER_9_IC 23652	18.08 -0.15 0.00	18.37 -0.07 0.00	17.07 -0.05 0.00	17.10 -0.14 0.00	17.16 -0.11 0.00	15.05 -0.05 0.00	13.60 0.03 0.00	16.17 -0.01 0.00	17.03 -0.04 0.00	17.85 -0.02 0.00	17.28 -0.05 0.00	18.10 -0.21 0.00	18.38 -0.28 0.00	18.22 -0.21 0.00	17.06 -0.22 0.00	17.23 -0.20 0.00	18.31 -0.30 0.00	22.58 -0.34 0.00	18.89 -0.10 0.00	20.13 -0.06 0.00	20.40 -0.02 0.00	20.32 -0.02 0.00	18.86 0.09 0.00	17.59 -0.02 0.00
ROCKVIEW_13_KV_LD 356306	19.28 1.04 0.00	19.36 0.93 0.00	17.94 0.82 0.00	18.07 0.83 0.00	18.06 0.80 0.00	15.80 0.70 0.00	14.23 0.65 0.00	17.02 0.84 0.00	18.01 0.95 0.00	19.04 1.16 0.00	18.50 1.17 0.00	19.60 1.29 0.00	20.00 1.34 0.00	19.73 1.31 0.00	18.55 1.27 0.00	18.71 1.27 0.00	19.94 1.33 0.00	24.42 1.51 0.00	20.15 1.16 0.00	21.31 1.12 0.00	21.44 1.02 0.00	21.31 0.97 0.00	19.63 0.86 0.00	18.43 0.83 0.00
ROME____115KV_TB2 80656	18.76 0.52 0.00	18.97 0.53 0.00	17.59 0.47 0.00	17.71 0.46 0.00	17.73 0.46 0.00	15.49 0.40 0.00	13.91 0.34 0.00	16.50 0.32 0.00	17.39 0.33 0.00	18.16 0.29 0.00	17.53 0.20 0.00	18.51 0.20 0.00	18.86 0.20 0.00	18.61 0.19 0.00	17.48 0.20 0.00	17.64 0.20 0.00	18.89 0.29 0.00	23.40 0.48 0.00	19.46 0.47 0.00	20.82 0.63 0.00	21.12 0.70 0.00	21.04 0.70 0.00	19.40 0.62 0.00	18.15 0.55 0.00
ROSETON____1 23587	19.06 0.82 0.00	19.18 0.74 0.00	17.78 0.66 0.00	17.91 0.67 0.00	17.91 0.64 0.00	15.67 0.57 0.00	14.10 0.52 0.00	16.84 0.66 0.00	17.81 0.74 0.00	18.78 0.90 0.00	18.26 0.94 0.00	19.35 1.04 0.00	19.73 1.07 0.00	19.47 1.03 0.00	18.29 1.01 0.00	18.45 1.01 0.00	19.66 1.06 0.00	24.10 1.19 0.00	19.89 0.91 0.00	21.05 0.86 0.00	21.20 0.77 0.00	21.08 0.74 0.00	19.43 0.65 0.00	18.24 0.63 0.00
ROSETON____2 23588	19.06 0.82 0.00	19.18 0.74 0.00	17.78 0.66 0.00	17.91 0.67 0.00	17.91 0.64 0.00	15.67 0.57 0.00	14.10 0.52 0.00	16.84 0.66 0.00	17.81 0.74 0.00	18.78 0.90 0.00	18.26 0.94 0.00	19.35 1.04 0.00	19.73 1.07 0.00	19.47 1.03 0.00	18.29 1.01 0.00	18.45 1.01 0.00	19.66 1.06 0.00	24.10 1.19 0.00	19.89 0.91 0.00	21.05 0.86 0.00	21.20 0.77 0.00	21.08 0.74 0.00	19.43 0.65 0.00	18.24 0.63 0.00
ROTTSDAM_115KV_TB3 80664	19.01 0.77 0.00	19.20 0.76 0.00	17.82 0.70 0.00	17.95 0.71 0.00	17.96 0.69 0.00	15.70 0.60 0.00	14.11 0.53 0.00	16.78 0.60 0.00	17.69 0.63 0.00	18.58 0.70 0.00	18.05 0.72 0.00	19.09 0.78 0.00	19.48 0.82 0.00	19.19 0.77 0.00	17.99 0.71 0.00	18.17 0.74 0.00	19.41 0.81 0.00	23.91 1.00 0.00	19.75 0.76 0.00	20.96 0.78 0.00	21.18 0.76 0.00	21.11 0.77 0.00	19.44 0.66 0.00	18.23 0.63 0.00
RUSSELL____1 23602	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
RUSSELL____2 23532	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
RUSSELL____3 23549	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
RUSSELL____4 23556	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00

RUSSELL___STATION 23914	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
S SALMON___HYD 24043	18.21 -0.03 0.00	18.43 -0.01 0.00	17.12 0.00 0.00	17.23 -0.02 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.55 -0.03 0.00	16.03 -0.15 0.00	16.85 -0.22 0.00	17.54 -0.34 0.00	16.87 -0.45 0.00	17.81 -0.50 0.00	18.11 -0.54 0.00	17.87 -0.56 0.00	16.79 -0.49 0.00	16.92 -0.52 0.00	18.08 -0.51 0.00	22.37 -0.54 0.00	18.61 -0.38 0.00	19.94 -0.25 0.00	20.33 -0.09 0.00	20.27 -0.06 0.00	18.73 -0.05 0.00	17.57 -0.04 0.00
S.PERRY___115KV_TB1 80734	18.36 0.12 0.00	18.64 0.20 0.00	17.31 0.19 0.00	17.36 0.12 0.00	17.50 0.23 0.00	15.36 0.26 0.00	13.90 0.33 0.00	16.45 0.27 0.00	17.28 0.21 0.00	18.07 0.19 0.00	17.40 0.08 0.00	18.15 -0.16 0.00	18.42 -0.23 0.00	18.30 -0.13 0.00	17.16 -0.12 0.00	17.33 -0.10 0.00	18.42 -0.18 0.00	22.79 -0.13 0.00	19.03 0.05 0.00	20.37 0.19 0.00	20.95 0.53 0.00	20.93 0.59 0.00	19.40 0.62 0.00	18.07 0.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.83 -0.41 0.00	18.18 -0.25 0.00	16.94 -0.18 0.00	16.93 -0.32 0.00	17.01 -0.25 0.00	14.95 -0.15 0.00	13.57 -0.01 0.00	16.14 -0.04 0.00	17.01 -0.06 0.00	17.82 -0.06 0.00	17.23 -0.10 0.00	17.93 -0.37 0.00	18.18 -0.48 0.00	18.07 -0.36 0.00	16.90 -0.38 0.00	17.08 -0.35 0.00	18.04 -0.56 0.00	22.18 -0.74 0.00	18.60 -0.39 0.00	19.79 -0.39 0.00	20.09 -0.33 0.00	20.01 -0.33 0.00	18.67 -0.10 0.00	17.41 -0.19 0.00
SAWYER___23_KV_LOAD 55526	17.83 -0.41 0.00	18.18 -0.25 0.00	16.94 -0.18 0.00	16.93 -0.32 0.00	17.01 -0.25 0.00	14.95 -0.15 0.00	13.57 -0.01 0.00	16.14 -0.04 0.00	17.01 -0.06 0.00	17.82 -0.06 0.00	17.23 -0.10 0.00	17.93 -0.37 0.00	18.18 -0.48 0.00	18.07 -0.36 0.00	16.90 -0.38 0.00	17.08 -0.35 0.00	18.04 -0.56 0.00	22.18 -0.74 0.00	18.60 -0.39 0.00	19.79 -0.39 0.00	20.09 -0.33 0.00	20.01 -0.33 0.00	18.67 -0.10 0.00	17.41 -0.19 0.00
SELKIRK___I 23801	18.86 0.62 0.00	19.08 0.64 0.00	17.72 0.60 0.00	17.86 0.62 0.00	17.87 0.60 0.00	15.61 0.51 0.00	13.97 0.39 0.00	16.58 0.40 0.00	17.45 0.39 0.00	18.32 0.45 0.00	17.82 0.49 0.00	18.87 0.56 0.00	19.23 0.58 0.00	18.97 0.54 0.00	17.79 0.51 0.00	17.98 0.54 0.00	19.18 0.58 0.00	23.61 0.69 0.00	19.46 0.48 0.00	20.65 0.47 0.00	20.86 0.44 0.00	20.81 0.48 0.00	19.16 0.39 0.00	17.99 0.39 0.00
SELKIRK___II 23799	18.76 0.52 0.00	18.95 0.52 0.00	17.60 0.48 0.00	17.73 0.49 0.00	17.74 0.47 0.00	15.49 0.40 0.00	13.88 0.30 0.00	16.48 0.30 0.00	17.37 0.30 0.00	18.25 0.37 0.00	17.75 0.42 0.00	18.80 0.49 0.00	19.16 0.50 0.00	18.90 0.47 0.00	17.73 0.45 0.00	17.91 0.47 0.00	19.10 0.50 0.00	23.49 0.57 0.00	19.37 0.38 0.00	20.54 0.35 0.00	20.74 0.32 0.00	20.69 0.35 0.00	19.05 0.27 0.00	17.89 0.29 0.00
SENECA OSWGO___HYD 24041	18.06 -0.18 0.00	18.26 -0.17 0.00	16.95 -0.17 0.00	17.05 -0.19 0.00	17.09 -0.18 0.00	14.95 -0.15 0.00	13.45 -0.12 0.00	16.01 -0.17 0.00	16.89 -0.18 0.00	17.70 -0.18 0.00	17.14 -0.19 0.00	18.06 -0.25 0.00	18.38 -0.27 0.00	18.17 -0.26 0.00	17.03 -0.25 0.00	17.17 -0.27 0.00	18.32 -0.28 0.00	22.59 -0.33 0.00	18.77 -0.22 0.00	19.96 -0.23 0.00	20.21 -0.22 0.00	20.12 -0.22 0.00	18.57 -0.20 0.00	17.42 -0.19 0.00
SENECA___115KV_TB3 355854	17.96 -0.28 0.00	18.30 -0.14 0.00	17.04 -0.08 0.00	17.04 -0.20 0.00	17.14 -0.12 0.00	15.05 -0.05 0.00	13.66 0.09 0.00	16.28 0.10 0.00	17.18 0.12 0.00	18.00 0.13 0.00	17.38 0.06 0.00	18.10 -0.21 0.00	18.35 -0.30 0.00	18.23 -0.19 0.00	17.07 -0.21 0.00	17.26 -0.17 0.00	18.25 -0.35 0.00	22.46 -0.46 0.00	18.81 -0.18 0.00	20.01 -0.17 0.00	20.30 -0.12 0.00	20.21 -0.13 0.00	18.84 0.06 0.00	17.56 -0.05 0.00
SENECA___ENERGY 23797	18.14 -0.09 0.00	18.35 -0.08 0.00	17.02 -0.09 0.00	17.12 -0.12 0.00	17.19 -0.08 0.00	15.03 -0.07 0.00	13.58 0.00 0.00	16.19 0.01 0.00	17.07 0.00 0.00	17.87 0.00 0.00	17.23 -0.10 0.00	18.09 -0.22 0.00	18.41 -0.24 0.00	18.22 -0.21 0.00	17.07 -0.21 0.00	17.25 -0.18 0.00	18.43 -0.17 0.00	22.74 -0.18 0.00	18.98 0.00 0.00	20.22 0.03 0.00	20.45 0.03 0.00	20.36 0.02 0.00	18.82 0.04 0.00	17.60 0.00 0.00
SHOEMAKER___GT 23640	18.95 0.71 0.00	19.08 0.64 0.00	17.68 0.56 0.00	17.81 0.57 0.00	17.81 0.55 0.00	15.58 0.48 0.00	14.02 0.44 0.00	16.74 0.56 0.00	17.68 0.61 0.00	18.63 0.75 0.00	18.09 0.76 0.00	19.13 0.82 0.00	19.52 0.86 0.00	19.28 0.85 0.00	18.11 0.83 0.00	18.27 0.84 0.00	19.50 0.90 0.00	23.95 1.03 0.00	19.79 0.80 0.00	20.95 0.77 0.00	21.12 0.70 0.00	21.00 0.66 0.00	19.36 0.59 0.00	18.16 0.56 0.00
SHOEMAKR_138KV_BK 111 55601	18.95 0.71 0.00	19.07 0.63 0.00	17.68 0.56 0.00	17.81 0.57 0.00	17.81 0.54 0.00	15.58 0.48 0.00	14.01 0.44 0.00	16.74 0.56 0.00	17.69 0.62 0.00	18.64 0.76 0.00	18.10 0.77 0.00	19.15 0.85 0.00	19.54 0.88 0.00	19.29 0.86 0.00	18.12 0.84 0.00	18.29 0.85 0.00	19.51 0.91 0.00	23.95 1.04 0.00	19.79 0.80 0.00	20.95 0.77 0.00	21.11 0.69 0.00	21.00 0.66 0.00	19.36 0.58 0.00	18.16 0.55 0.00
SHOREHAM_IC_1 23715	19.41 1.17 0.00	19.48 1.04 0.00	18.08 0.96 0.00	18.17 0.93 0.00	18.13 0.87 0.00	15.89 0.80 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.51 1.63 0.00	18.85 1.52 0.00	25.75 1.80 -5.64	36.10 1.83 -15.61	66.94 1.95 -46.56	19.03 1.74 -0.02	24.03 1.63 -4.96	21.61 1.58 -1.43	24.46 1.54 0.00	20.27 1.28 0.00	21.68 1.49 0.00	21.76 1.32 -0.02	21.26 0.92 0.00	19.41 0.64 0.00	18.28 0.67 0.00
SHOREHAM_IC_2 23716	19.41 1.17 0.00	19.48 1.04 0.00	18.08 0.96 0.00	18.17 0.93 0.00	18.13 0.87 0.00	15.89 0.80 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.37 1.30 0.00	19.51 1.63 0.00	18.85 1.52 0.00	25.75 1.80 -5.64	36.10 1.83 -15.61	66.94 1.95 -46.56	19.03 1.74 -0.02	24.03 1.63 -4.96	21.61 1.58 -1.43	24.46 1.54 0.00	20.27 1.28 0.00	21.68 1.49 0.00	21.76 1.32 -0.02	21.26 0.92 0.00	19.41 0.64 0.00	18.28 0.67 0.00
SISSONVILLE___ 23735	18.24 0.00 0.00	18.45 0.01 0.00	17.16 0.04 0.00	17.29 0.04 0.00	17.34 0.08 0.00	15.17 0.08 0.00	13.62 0.04 0.00	16.23 0.05 0.00	17.09 0.02 0.00	17.69 -0.18 0.00	17.07 -0.25 0.00	18.08 -0.23 0.00	18.42 -0.24 0.00	18.21 -0.21 0.00	17.08 -0.20 0.00	17.24 -0.19 0.00	18.43 -0.17 0.00	22.82 -0.10 0.00	18.97 -0.02 0.00	20.34 0.15 0.00	20.76 0.34 0.00	20.66 0.32 0.00	19.10 0.33 0.00	17.87 0.27 0.00

SITHE_IND_GS1 24169	17.83 -0.41 0.00	18.03 -0.41 0.00	16.74 -0.38 0.00	16.84 -0.39 0.00	16.87 -0.39 0.00	14.76 -0.34 0.00	13.29 -0.29 0.00	15.83 -0.35 0.00	16.69 -0.38 0.00	17.49 -0.39 0.00	16.94 -0.39 0.00	17.86 -0.45 0.00	18.19 -0.46 0.00	17.98 -0.45 0.00	16.84 -0.44 0.00	16.98 -0.45 0.00	18.11 -0.49 0.00	22.32 -0.59 0.00	18.53 -0.46 0.00	19.70 -0.48 0.00	19.94 -0.49 0.00	19.86 -0.48 0.00	18.34 -0.43 0.00	17.22 -0.39 0.00
SITHE_IND_GS2 24170	17.83 -0.41 0.00	18.03 -0.41 0.00	16.74 -0.38 0.00	16.84 -0.39 0.00	16.87 -0.39 0.00	14.76 -0.34 0.00	13.29 -0.29 0.00	15.83 -0.35 0.00	16.69 -0.38 0.00	17.49 -0.39 0.00	16.94 -0.39 0.00	17.86 -0.45 0.00	18.19 -0.46 0.00	17.98 -0.45 0.00	16.84 -0.44 0.00	16.98 -0.45 0.00	18.11 -0.49 0.00	22.32 -0.59 0.00	18.53 -0.46 0.00	19.70 -0.48 0.00	19.94 -0.49 0.00	19.86 -0.48 0.00	18.34 -0.43 0.00	17.22 -0.39 0.00
SITHE_IND_GS3 24171	17.83 -0.41 0.00	18.03 -0.41 0.00	16.74 -0.38 0.00	16.84 -0.39 0.00	16.87 -0.39 0.00	14.76 -0.34 0.00	13.29 -0.29 0.00	15.83 -0.35 0.00	16.69 -0.38 0.00	17.49 -0.39 0.00	16.94 -0.39 0.00	17.86 -0.45 0.00	18.19 -0.46 0.00	17.98 -0.45 0.00	16.84 -0.44 0.00	16.98 -0.45 0.00	18.11 -0.49 0.00	22.32 -0.59 0.00	18.53 -0.46 0.00	19.70 -0.48 0.00	19.94 -0.49 0.00	19.86 -0.48 0.00	18.34 -0.43 0.00	17.22 -0.39 0.00
SITHE_IND_GS4 24172	17.83 -0.41 0.00	18.03 -0.41 0.00	16.74 -0.38 0.00	16.84 -0.39 0.00	16.87 -0.39 0.00	14.76 -0.34 0.00	13.29 -0.29 0.00	15.83 -0.35 0.00	16.69 -0.38 0.00	17.49 -0.39 0.00	16.94 -0.39 0.00	17.86 -0.45 0.00	18.19 -0.46 0.00	17.98 -0.45 0.00	16.84 -0.44 0.00	16.98 -0.45 0.00	18.11 -0.49 0.00	22.32 -0.59 0.00	18.53 -0.46 0.00	19.70 -0.48 0.00	19.94 -0.49 0.00	19.86 -0.48 0.00	18.34 -0.43 0.00	17.22 -0.39 0.00
SITHE___BATAVIA 24024	18.51 0.27 0.00	18.78 0.34 0.00	17.46 0.34 0.00	17.48 0.24 0.00	17.52 0.26 0.00	15.38 0.29 0.00	13.92 0.34 0.00	16.53 0.35 0.00	17.34 0.27 0.00	18.15 0.27 0.00	17.54 0.21 0.00	18.33 0.02 0.00	18.61 -0.05 0.00	18.46 0.03 0.00	17.28 0.00 0.00	17.46 0.03 0.00	18.57 -0.03 0.00	22.95 0.04 0.00	19.28 0.30 0.00	20.65 0.47 0.00	20.98 0.57 0.00	20.89 0.55 0.00	19.38 0.60 0.00	18.04 0.43 0.00
SITHE___INDEPEND 23800	17.83 -0.41 0.00	18.03 -0.40 0.00	16.74 -0.38 0.00	16.84 -0.40 0.00	16.87 -0.39 0.00	14.76 -0.34 0.00	13.29 -0.29 0.00	15.83 -0.35 0.00	16.69 -0.38 0.00	17.49 -0.38 0.00	16.94 -0.39 0.00	17.86 -0.45 0.00	18.19 -0.46 0.00	17.98 -0.45 0.00	16.84 -0.44 0.00	16.98 -0.45 0.00	18.11 -0.49 0.00	22.32 -0.60 0.00	18.53 -0.46 0.00	19.70 -0.48 0.00	19.94 -0.49 0.00	19.86 -0.48 0.00	18.34 -0.43 0.00	17.22 -0.39 0.00
SITHE___MASSENA 23902	18.13 -0.10 0.00	18.35 -0.09 0.00	17.06 -0.06 0.00	17.18 -0.07 0.00	17.23 -0.04 0.00	15.08 -0.02 0.00	13.54 -0.03 0.00	16.18 0.00 0.00	17.05 -0.02 0.00	17.71 -0.16 0.00	17.14 -0.18 0.00	18.15 -0.16 0.00	18.49 -0.17 0.00	18.28 -0.15 0.00	17.13 -0.15 0.00	17.29 -0.15 0.00	18.45 -0.15 0.00	22.80 -0.12 0.00	18.93 -0.05 0.00	20.22 0.03 0.00	20.55 0.13 0.00	20.46 0.11 0.00	18.92 0.14 0.00	17.71 0.11 0.00
SITHE___OGDNSBRG 24021	18.37 0.13 0.00	18.59 0.15 0.00	17.28 0.16 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.28 0.17 0.00	13.71 0.13 0.00	16.33 0.15 0.00	17.19 0.13 0.00	17.84 -0.04 0.00	17.24 -0.09 0.00	18.27 -0.05 0.00	18.61 -0.05 0.00	18.41 -0.02 0.00	17.25 -0.03 0.00	17.42 -0.02 0.00	18.61 0.01 0.00	23.04 0.12 0.00	19.15 0.17 0.00	20.53 0.35 0.00	20.95 0.53 0.00	20.85 0.51 0.00	19.25 0.48 0.00	18.00 0.39 0.00
SITHE___STERLING 23777	18.63 0.39 0.00	18.84 0.40 0.00	17.47 0.35 0.00	17.59 0.34 0.00	17.61 0.34 0.00	15.39 0.30 0.00	13.84 0.26 0.00	16.43 0.25 0.00	17.32 0.25 0.00	18.12 0.25 0.00	17.53 0.20 0.00	18.50 0.19 0.00	18.84 0.19 0.00	18.61 0.18 0.00	17.46 0.18 0.00	17.63 0.20 0.00	18.85 0.25 0.00	23.32 0.41 0.00	19.36 0.38 0.00	20.69 0.50 0.00	20.95 0.53 0.00	20.87 0.53 0.00	19.24 0.46 0.00	18.01 0.40 0.00
SLEIGHT__34_KV_TB1 80719	18.46 0.22 0.00	18.67 0.23 0.00	17.32 0.20 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.25 0.15 0.00	13.75 0.18 0.00	16.43 0.24 0.00	17.32 0.26 0.00	18.16 0.28 0.00	17.50 0.17 0.00	18.38 0.07 0.00	18.70 0.05 0.00	18.52 0.09 0.00	17.36 0.08 0.00	17.58 0.14 0.00	18.79 0.19 0.00	23.17 0.25 0.00	19.38 0.40 0.00	20.65 0.46 0.00	20.89 0.47 0.00	20.76 0.42 0.00	19.14 0.37 0.00	17.89 0.29 0.00
SOUTH CAIRO___GT 23612	19.29 1.06 0.00	19.49 1.05 0.00	18.11 0.99 0.00	18.24 1.00 0.00	18.25 0.98 0.00	15.93 0.84 0.00	14.24 0.66 0.00	16.84 0.67 0.00	17.67 0.60 0.00	18.46 0.59 0.00	18.03 0.70 0.00	19.10 0.79 0.00	19.42 0.76 0.00	19.15 0.72 0.00	17.94 0.67 0.00	18.21 0.77 0.00	19.51 0.91 0.00	24.05 1.13 0.00	19.91 0.93 0.00	21.20 1.01 0.00	21.47 1.05 0.00	21.42 1.08 0.00	19.65 0.87 0.00	18.38 0.78 0.00
SOUTH HAMPTN___IC 23720	19.76 1.52 0.00	19.84 1.40 0.00	18.41 1.29 0.00	18.50 1.26 0.00	18.47 1.20 0.00	16.19 1.09 0.00	14.76 1.18 0.00	17.69 1.51 0.00	18.70 1.63 0.00	19.90 2.02 0.00	19.23 1.90 0.00	26.19 2.24 -5.64	36.56 2.28 -15.62	67.37 2.36 -46.58	19.37 2.08 -0.02	24.42 2.03 -4.95	22.08 2.05 -1.42	25.07 2.15 0.00	20.74 1.75 0.00	22.14 1.96 0.00	22.23 1.79 -0.02	21.73 1.39 0.00	19.83 1.05 0.00	18.65 1.04 0.00
SOUTHDOW__115KV_TB1 355954	18.27 0.03 0.00	18.63 0.19 0.00	17.33 0.21 0.00	17.33 0.09 0.00	17.42 0.16 0.00	15.31 0.21 0.00	13.91 0.33 0.00	16.64 0.46 0.00	17.72 0.65 0.00	18.60 0.72 0.00	17.91 0.59 0.00	18.65 0.34 0.00	18.92 0.27 0.00	18.80 0.37 0.00	17.63 0.35 0.00	17.86 0.42 0.00	18.97 0.36 0.00	23.39 0.47 0.00	19.51 0.52 0.00	20.69 0.51 0.00	20.86 0.44 0.00	20.66 0.32 0.00	19.23 0.46 0.00	17.91 0.30 0.00
SOUTHOLD_69_KV_BK 2 55809	19.98 1.75 0.00	20.07 1.63 0.00	18.62 1.50 0.00	18.72 1.48 0.00	18.69 1.42 0.00	16.38 1.28 0.00	14.93 1.36 0.00	17.90 1.72 0.00	18.92 1.85 0.00	20.17 2.29 0.00	19.47 2.14 0.00	26.49 2.54 -5.64	36.86 2.58 -15.62	67.64 2.62 -46.58	19.58 2.28 -0.02	24.67 2.29 -4.95	22.36 2.33 -1.42	25.43 2.51 0.00	21.04 2.05 0.00	22.45 2.26 0.00	22.56 2.12 -0.02	22.04 1.70 0.00	20.10 1.32 0.00	18.88 1.28 0.00
SOUTHOLD___IC 23719	19.98 1.75 0.00	20.07 1.64 0.00	18.62 1.50 0.00	18.72 1.48 0.00	18.69 1.42 0.00	16.38 1.28 0.00	14.93 1.36 0.00	17.90 1.72 0.00	18.92 1.85 0.00	20.16 2.29 0.00	19.47 2.14 0.00	26.49 2.54 -5.64	36.86 2.58 -15.62	67.64 2.62 -46.58	19.58 2.28 -0.02	24.67 2.29 -4.95	22.36 2.33 -1.42	25.43 2.51 0.00	21.04 2.05 0.00	22.45 2.26 0.00	22.55 2.12 -0.02	22.04 1.70 0.00	20.10 1.33 0.00	18.88 1.28 0.00

SPIERFLS_115KV_TB1 80737	19.70 1.47 0.00	19.83 1.39 0.00	18.39 1.27 0.00	18.50 1.26 0.00	18.51 1.25 0.00	16.19 1.10 0.00	14.57 1.00 0.00	17.36 1.18 0.00	18.30 1.24 0.00	19.22 1.34 0.00	18.62 1.29 0.00	19.65 1.34 0.00	20.08 1.43 0.00	19.59 1.16 0.00	18.34 1.07 0.00	18.62 1.18 0.00	19.94 1.34 0.00	24.79 1.87 0.00	20.46 1.47 0.00	21.72 1.54 0.00	21.96 1.54 0.00	21.84 1.50 0.00	20.08 1.31 0.00	18.87 1.26 0.00
ST LAWRENCE____ 23600	17.91 -0.33 0.00	18.12 -0.32 0.00	16.85 -0.27 0.00	16.97 -0.27 0.00	17.01 -0.26 0.00	14.88 -0.22 0.00	13.38 -0.20 0.00	15.99 -0.19 0.00	16.84 -0.23 0.00	17.52 -0.36 0.00	16.96 -0.36 0.00	17.96 -0.35 0.00	18.29 -0.36 0.00	18.09 -0.34 0.00	16.94 -0.33 0.00	17.10 -0.33 0.00	18.25 -0.35 0.00	22.54 -0.37 0.00	18.70 -0.28 0.00	19.96 -0.23 0.00	20.27 -0.15 0.00	20.18 -0.16 0.00	18.66 -0.12 0.00	17.47 -0.14 0.00
STATE_CA_115KV_115_LB 55624	18.83 0.59 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.78 0.54 0.00	17.78 0.52 0.00	15.53 0.43 0.00	13.88 0.30 0.00	16.47 0.29 0.00	17.36 0.29 0.00	18.25 0.37 0.00	17.77 0.44 0.00	18.82 0.51 0.00	19.19 0.54 0.00	18.92 0.49 0.00	17.74 0.47 0.00	17.94 0.51 0.00	19.13 0.53 0.00	23.55 0.63 0.00	19.39 0.40 0.00	20.56 0.37 0.00	20.76 0.34 0.00	20.72 0.38 0.00	19.07 0.29 0.00	17.91 0.30 0.00
STATE_ST_34_KV_LOAD 55959	18.42 0.18 0.00	18.63 0.18 0.00	17.30 0.18 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.21 0.12 0.00	13.74 0.17 0.00	16.39 0.22 0.00	17.29 0.22 0.00	18.11 0.24 0.00	17.43 0.10 0.00	18.32 0.02 0.00	18.67 0.01 0.00	18.46 0.03 0.00	17.30 0.03 0.00	17.51 0.08 0.00	18.75 0.15 0.00	23.05 0.14 0.00	19.25 0.27 0.00	20.51 0.32 0.00	20.71 0.29 0.00	20.63 0.29 0.00	19.04 0.26 0.00	17.83 0.23 0.00
STATION 5_MISC_HYD 23604	18.08 -0.15 0.00	18.37 -0.07 0.00	17.07 -0.05 0.00	17.10 -0.14 0.00	17.16 -0.11 0.00	15.05 -0.05 0.00	13.60 0.03 0.00	16.17 -0.01 0.00	17.03 -0.04 0.00	17.86 -0.02 0.00	17.28 -0.05 0.00	18.10 -0.21 0.00	18.38 -0.28 0.00	18.22 -0.21 0.00	17.06 -0.22 0.00	17.23 -0.20 0.00	18.31 -0.30 0.00	22.59 -0.33 0.00	18.89 -0.09 0.00	20.13 -0.05 0.00	20.40 -0.02 0.00	20.32 -0.02 0.00	18.86 0.08 0.00	17.59 -0.02 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.19 -0.05 0.00	18.43 -0.01 0.00	17.11 -0.01 0.00	17.17 -0.07 0.00	17.23 -0.03 0.00	15.09 -0.01 0.00	13.64 0.06 0.00	16.23 0.06 0.00	17.12 0.05 0.00	17.94 0.06 0.00	17.34 0.01 0.00	18.18 -0.13 0.00	18.48 -0.18 0.00	18.30 -0.13 0.00	17.14 -0.13 0.00	17.32 -0.12 0.00	18.46 -0.14 0.00	22.79 -0.13 0.00	19.05 0.06 0.00	20.29 0.10 0.00	20.54 0.11 0.00	20.44 0.10 0.00	18.91 0.14 0.00	17.65 0.05 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.00 -0.24 0.00	18.27 -0.17 0.00	16.98 -0.14 0.00	17.02 -0.22 0.00	17.06 -0.20 0.00	14.96 -0.13 0.00	13.53 -0.05 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.77 -0.11 0.00	17.20 -0.13 0.00	18.02 -0.28 0.00	18.30 -0.35 0.00	18.15 -0.28 0.00	16.98 -0.29 0.00	17.16 -0.28 0.00	18.24 -0.36 0.00	22.50 -0.42 0.00	18.81 -0.17 0.00	20.04 -0.15 0.00	20.30 -0.12 0.00	20.21 -0.13 0.00	18.74 -0.03 0.00	17.48 -0.12 0.00
STA_56____34_KV_BUS2 355983	18.00 -0.24 0.00	18.27 -0.17 0.00	16.98 -0.14 0.00	17.02 -0.22 0.00	17.06 -0.20 0.00	14.96 -0.13 0.00	13.53 -0.05 0.00	16.08 -0.10 0.00	16.95 -0.12 0.00	17.77 -0.11 0.00	17.20 -0.13 0.00	18.02 -0.28 0.00	18.30 -0.35 0.00	18.15 -0.28 0.00	16.98 -0.29 0.00	17.16 -0.28 0.00	18.24 -0.36 0.00	22.50 -0.42 0.00	18.81 -0.17 0.00	20.04 -0.15 0.00	20.30 -0.12 0.00	20.21 -0.13 0.00	18.74 -0.03 0.00	17.48 -0.12 0.00
STA_67____115KV_BK2 355882	18.05 -0.19 0.00	18.33 -0.10 0.00	17.05 -0.08 0.00	17.07 -0.17 0.00	17.12 -0.14 0.00	15.02 -0.08 0.00	13.58 0.00 0.00	16.14 -0.04 0.00	17.00 -0.06 0.00	17.83 -0.05 0.00	17.25 -0.07 0.00	18.06 -0.24 0.00	18.35 -0.31 0.00	18.19 -0.24 0.00	17.03 -0.25 0.00	17.20 -0.23 0.00	18.27 -0.33 0.00	22.53 -0.38 0.00	18.85 -0.14 0.00	20.08 -0.10 0.00	20.36 -0.06 0.00	20.28 -0.06 0.00	18.82 0.05 0.00	17.55 -0.05 0.00
STA_7____115KV_9TRANS 80674	18.16 -0.08 0.00	18.44 0.00 0.00	17.13 0.02 0.00	17.17 -0.07 0.00	17.22 -0.05 0.00	15.10 0.00 0.00	13.65 0.08 0.00	16.23 0.05 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.35 0.02 0.00	18.17 -0.14 0.00	18.45 -0.20 0.00	18.30 -0.13 0.00	17.13 -0.15 0.00	17.31 -0.13 0.00	18.39 -0.21 0.00	22.69 -0.22 0.00	18.99 0.00 0.00	20.24 0.05 0.00	20.50 0.08 0.00	20.42 0.08 0.00	18.95 0.17 0.00	17.66 0.06 0.00
STA_82____115KV_TB1 80780	18.05 -0.19 0.00	18.34 -0.10 0.00	17.05 -0.07 0.00	17.08 -0.16 0.00	17.13 -0.13 0.00	15.03 -0.07 0.00	13.59 0.01 0.00	16.15 -0.03 0.00	17.01 -0.06 0.00	17.83 -0.05 0.00	17.26 -0.07 0.00	18.07 -0.24 0.00	18.35 -0.31 0.00	18.19 -0.23 0.00	17.03 -0.25 0.00	17.21 -0.23 0.00	18.27 -0.32 0.00	22.54 -0.38 0.00	18.86 -0.13 0.00	20.09 -0.09 0.00	20.38 -0.04 0.00	20.29 -0.05 0.00	18.83 0.06 0.00	17.57 -0.04 0.00
STEEL____WIND 323596	17.94 -0.30 0.00	18.29 -0.15 0.00	17.03 -0.09 0.00	17.03 -0.21 0.00	17.13 -0.14 0.00	15.04 -0.06 0.00	13.66 0.08 0.00	16.27 0.09 0.00	17.18 0.11 0.00	17.99 0.12 0.00	17.37 0.04 0.00	18.07 -0.24 0.00	18.33 -0.33 0.00	18.21 -0.22 0.00	17.05 -0.23 0.00	17.24 -0.20 0.00	18.23 -0.37 0.00	22.43 -0.48 0.00	18.79 -0.20 0.00	20.00 -0.19 0.00	20.29 -0.13 0.00	20.20 -0.14 0.00	18.83 0.05 0.00	17.55 -0.05 0.00
STEPHTWN_115KV_BK_2 55603	18.86 0.62 0.00	19.06 0.62 0.00	17.69 0.57 0.00	17.78 0.54 0.00	17.82 0.55 0.00	15.52 0.42 0.00	13.91 0.33 0.00	16.53 0.35 0.00	17.38 0.32 0.00	18.25 0.37 0.00	17.80 0.48 0.00	18.86 0.55 0.00	19.25 0.59 0.00	18.96 0.53 0.00	17.78 0.50 0.00	18.05 0.61 0.00	19.19 0.58 0.00	23.65 0.73 0.00	19.47 0.49 0.00	20.67 0.49 0.00	20.85 0.43 0.00	20.78 0.44 0.00	19.10 0.33 0.00	17.94 0.34 0.00
STEBEN_REC_LFGE 323667	17.86 -0.38 0.00	18.13 -0.31 0.00	16.82 -0.30 0.00	16.90 -0.33 0.00	17.19 -0.07 0.00	15.12 0.02 0.00	13.74 0.16 0.00	16.48 0.30 0.00	17.42 0.35 0.00	18.15 0.28 0.00	17.31 -0.02 0.00	18.00 -0.31 0.00	18.22 -0.44 0.00	18.13 -0.30 0.00	17.02 -0.26 0.00	17.19 -0.25 0.00	18.33 -0.27 0.00	22.73 -0.19 0.00	18.93 -0.06 0.00	20.20 0.01 0.00	20.60 0.18 0.00	20.42 0.08 0.00	19.00 0.22 0.00	17.82 0.21 0.00
STONY____BROOK 24151	19.49 1.25 0.00	19.57 1.13 0.00	18.14 1.02 0.00	18.24 1.00 0.00	18.20 0.94 0.00	15.95 0.85 0.00	14.45 0.88 0.00	17.32 1.14 0.00	18.30 1.24 0.00	19.44 1.56 0.00	18.84 1.51 0.00	25.77 1.82 -5.63	36.11 1.86 -15.60	66.81 1.87 -46.50	19.03 1.73 -0.02	24.11 1.68 -4.99	21.80 1.76 -1.44	24.78 1.86 0.00	20.47 1.49 0.00	21.79 1.60 0.00	21.90 1.47 -0.02	21.52 1.18 0.00	19.67 0.89 0.00	18.50 0.90 0.00

STURGEON_POOL_HYD 23609	19.05 0.81 0.00	19.15 0.71 0.00	17.75 0.63 0.00	17.88 0.64 0.00	17.87 0.61 0.00	15.63 0.54 0.00	14.09 0.51 0.00	16.86 0.67 0.00	17.84 0.77 0.00	18.84 0.96 0.00	18.33 1.00 0.00	19.43 1.12 0.00	19.82 1.17 0.00	19.54 1.11 0.00	18.39 1.11 0.00	18.53 1.10 0.00	19.74 1.14 0.00	24.18 1.27 0.00	19.96 0.98 0.00	21.13 0.94 0.00	21.25 0.83 0.00	21.12 0.78 0.00	19.46 0.68 0.00	18.26 0.65 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.04 0.80 0.00	19.14 0.70 0.00	17.74 0.62 0.00	17.87 0.63 0.00	17.87 0.60 0.00	15.63 0.53 0.00	14.07 0.49 0.00	16.82 0.64 0.00	17.78 0.72 0.00	18.77 0.89 0.00	18.23 0.91 0.00	19.31 1.00 0.00	19.70 1.04 0.00	19.44 1.01 0.00	18.27 0.99 0.00	18.42 0.99 0.00	19.65 1.05 0.00	24.11 1.19 0.00	19.91 0.92 0.00	21.07 0.89 0.00	21.21 0.79 0.00	21.08 0.74 0.00	19.44 0.66 0.00	18.23 0.63 0.00
SWANROAD_115KV_TB1 355699	17.69 -0.55 0.00	18.06 -0.38 0.00	16.83 -0.29 0.00	16.80 -0.44 0.00	16.88 -0.39 0.00	14.84 -0.25 0.00	13.47 -0.10 0.00	15.99 -0.19 0.00	16.83 -0.24 0.00	17.57 -0.31 0.00	16.97 -0.35 0.00	17.66 -0.65 0.00	17.88 -0.77 0.00	17.79 -0.64 0.00	16.60 -0.68 0.00	16.77 -0.67 0.00	17.65 -0.96 0.00	21.65 -1.27 0.00	18.20 -0.78 0.00	19.40 -0.79 0.00	19.70 -0.72 0.00	19.62 -0.72 0.00	18.34 -0.44 0.00	17.09 -0.52 0.00
SYNERGY___BIOGAS 323694	18.51 0.27 0.00	18.78 0.34 0.00	17.46 0.34 0.00	17.48 0.24 0.00	17.52 0.26 0.00	15.38 0.29 0.00	13.92 0.34 0.00	16.53 0.35 0.00	17.34 0.27 0.00	18.15 0.27 0.00	17.54 0.21 0.00	18.33 0.02 0.00	18.61 -0.05 0.00	18.46 0.03 0.00	17.28 0.00 0.00	17.46 0.03 0.00	18.57 -0.03 0.00	22.95 0.04 0.00	19.28 0.30 0.00	20.65 0.47 0.00	20.98 0.57 0.00	20.89 0.55 0.00	19.38 0.60 0.00	18.04 0.43 0.00
SYRACUSE___ENERGY_ST1 323597	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
SYRACUSE___ENERGY_ST2 323598	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.20 -0.04 0.00	17.24 -0.03 0.00	15.07 -0.03 0.00	13.58 0.00 0.00	16.17 -0.01 0.00	17.06 0.00 0.00	17.89 0.01 0.00	17.30 -0.02 0.00	18.24 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.22 -0.06 0.00	17.37 -0.06 0.00	18.55 -0.05 0.00	22.88 -0.03 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.79 0.01 0.00	17.61 0.01 0.00
SYRACUSE___POWER 24017	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.19 -0.05 0.00	17.23 -0.04 0.00	15.07 -0.03 0.00	13.57 0.00 0.00	16.16 -0.02 0.00	17.05 -0.02 0.00	17.87 -0.01 0.00	17.30 -0.03 0.00	18.23 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.36 -0.07 0.00	18.54 -0.06 0.00	22.88 -0.04 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.78 0.01 0.00	17.60 0.00 0.00
TALLMAN__138KV_BK151 55660	19.14 0.90 0.00	19.22 0.78 0.00	17.81 0.69 0.00	17.94 0.70 0.00	17.93 0.66 0.00	15.69 0.60 0.00	14.12 0.55 0.00	16.90 0.72 0.00	17.89 0.82 0.00	18.90 1.02 0.00	18.37 1.04 0.00	19.47 1.16 0.00	19.85 1.20 0.00	19.59 1.16 0.00	18.42 1.14 0.00	18.57 1.13 0.00	19.81 1.20 0.00	24.28 1.36 0.00	20.04 1.06 0.00	21.20 1.01 0.00	21.32 0.90 0.00	21.18 0.84 0.00	19.52 0.75 0.00	18.32 0.71 0.00
TEALLAVE_115KV_TB7 355573	18.14 -0.10 0.00	18.35 -0.09 0.00	17.02 -0.10 0.00	17.12 -0.12 0.00	17.16 -0.11 0.00	15.01 -0.09 0.00	13.51 -0.07 0.00	16.08 -0.10 0.00	16.97 -0.10 0.00	17.80 -0.08 0.00	17.23 -0.10 0.00	18.16 -0.15 0.00	18.50 -0.16 0.00	18.28 -0.15 0.00	17.14 -0.13 0.00	17.29 -0.14 0.00	18.45 -0.15 0.00	22.77 -0.15 0.00	18.91 -0.07 0.00	20.10 -0.08 0.00	20.33 -0.09 0.00	20.24 -0.09 0.00	18.70 -0.08 0.00	17.52 -0.09 0.00
TELGRAPH_34_KV_EAST 80808	17.97 -0.27 0.00	18.33 -0.11 0.00	17.07 -0.06 0.00	17.05 -0.20 0.00	17.13 -0.14 0.00	15.04 -0.05 0.00	13.65 0.07 0.00	16.20 0.03 0.00	17.05 -0.01 0.00	17.82 -0.06 0.00	17.24 -0.08 0.00	17.93 -0.38 0.00	18.18 -0.48 0.00	18.08 -0.35 0.00	16.88 -0.39 0.00	17.07 -0.37 0.00	18.01 -0.59 0.00	22.16 -0.76 0.00	18.64 -0.35 0.00	19.88 -0.31 0.00	20.18 -0.24 0.00	20.10 -0.24 0.00	18.74 -0.04 0.00	17.44 -0.16 0.00
TEMPLE___115KV_TB 2 55572	18.15 -0.09 0.00	18.35 -0.09 0.00	17.02 -0.10 0.00	17.13 -0.11 0.00	17.16 -0.10 0.00	15.01 -0.09 0.00	13.52 -0.06 0.00	16.10 -0.08 0.00	16.98 -0.08 0.00	17.81 -0.07 0.00	17.25 -0.08 0.00	18.18 -0.13 0.00	18.51 -0.15 0.00	18.30 -0.13 0.00	17.15 -0.12 0.00	17.31 -0.13 0.00	18.47 -0.13 0.00	22.79 -0.13 0.00	18.93 -0.06 0.00	20.12 -0.07 0.00	20.34 -0.08 0.00	20.26 -0.08 0.00	18.70 -0.07 0.00	17.53 -0.07 0.00
TIANA____69_KV_BK 1 55817	19.67 1.43 0.00	19.75 1.31 0.00	18.33 1.21 0.00	18.42 1.18 0.00	18.38 1.12 0.00	16.11 1.02 0.00	14.69 1.12 0.00	17.61 1.43 0.00	18.61 1.54 0.00	19.80 1.92 0.00	19.13 1.81 0.00	26.08 2.13 -5.64	36.44 2.17 -15.62	67.26 2.25 -46.58	19.29 1.99 -0.02	24.32 1.93 -4.95	21.97 1.95 -1.42	24.94 2.02 0.00	20.64 1.65 0.00	22.03 1.85 0.00	22.13 1.69 -0.02	21.63 1.29 0.00	19.74 0.96 0.00	18.57 0.96 0.00
TILDEN___115KV_TB1 80814	18.22 -0.02 0.00	18.42 -0.02 0.00	17.09 -0.03 0.00	17.19 -0.05 0.00	17.23 -0.04 0.00	15.07 -0.03 0.00	13.57 0.00 0.00	16.16 -0.02 0.00	17.05 -0.02 0.00	17.87 -0.01 0.00	17.30 -0.03 0.00	18.23 -0.07 0.00	18.57 -0.08 0.00	18.36 -0.07 0.00	17.21 -0.07 0.00	17.36 -0.07 0.00	18.54 -0.06 0.00	22.88 -0.04 0.00	19.01 0.02 0.00	20.21 0.02 0.00	20.43 0.01 0.00	20.35 0.01 0.00	18.78 0.01 0.00	17.60 0.00 0.00
TRIGEN___CC 323695	19.29 1.05 0.00	19.38 0.94 0.00	17.95 0.83 0.00	18.06 0.82 0.00	18.04 0.77 0.00	15.79 0.69 0.00	14.26 0.68 0.00	17.06 0.88 0.00	18.04 0.98 0.00	19.13 1.25 0.00	18.56 1.23 0.00	23.78 1.47 -4.00	32.15 1.51 -11.98	52.99 1.47 -33.09	18.68 1.40 -0.01	30.60 1.43 -11.73	23.86 1.49 -3.76	24.55 1.64 0.00	20.25 1.26 0.00	21.46 1.27 0.00	21.61 1.16 -0.04	21.34 1.01 0.00	19.60 0.82 0.00	18.43 0.83 0.00
TRINITY__115KV__ 4 BK 55933	18.76 0.52 0.00	18.95 0.51 0.00	17.60 0.48 0.00	17.72 0.48 0.00	17.73 0.46 0.00	15.48 0.39 0.00	13.84 0.26 0.00	16.41 0.23 0.00	17.30 0.24 0.00	18.19 0.31 0.00	17.70 0.38 0.00	18.75 0.44 0.00	19.12 0.46 0.00	18.84 0.41 0.00	17.67 0.40 0.00	17.87 0.43 0.00	19.05 0.45 0.00	23.44 0.52 0.00	19.30 0.31 0.00	20.46 0.28 0.00	20.66 0.24 0.00	20.63 0.29 0.00	18.99 0.21 0.00	17.84 0.23 0.00

UNION___PROCESSING_DRP 323587	18.06 -0.18 0.00	18.35 -0.09 0.00	17.05 -0.07 0.00	17.08 -0.15 0.00	17.14 -0.13 0.00	15.03 -0.06 0.00	13.59 0.01 0.00	16.16 -0.02 0.00	17.01 -0.05 0.00	17.83 -0.05 0.00	17.26 -0.07 0.00	18.08 -0.23 0.00	18.35 -0.30 0.00	18.20 -0.23 0.00	17.03 -0.24 0.00	17.21 -0.23 0.00	18.28 -0.32 0.00	22.55 -0.37 0.00	18.86 -0.13 0.00	20.10 -0.08 0.00	20.38 -0.04 0.00	20.30 -0.04 0.00	18.84 0.07 0.00	17.57 -0.03 0.00
UPPER HUDSON___HYD 24058	19.70 1.47 0.00	19.83 1.39 0.00	18.39 1.27 0.00	18.50 1.26 0.00	18.51 1.25 0.00	16.19 1.10 0.00	14.57 1.00 0.00	17.36 1.18 0.00	18.30 1.24 0.00	19.22 1.34 0.00	18.62 1.29 0.00	19.65 1.34 0.00	20.08 1.43 0.00	19.59 1.16 0.00	18.34 1.07 0.00	18.62 1.18 0.00	19.94 1.34 0.00	24.79 1.87 0.00	20.46 1.47 0.00	21.72 1.54 0.00	21.96 1.54 0.00	21.83 1.50 0.00	20.09 1.31 0.00	18.86 1.26 0.00
UPPER RAQUET___HYD 24056	18.24 0.00 0.00	18.45 0.01 0.00	17.16 0.04 0.00	17.29 0.04 0.00	17.34 0.08 0.00	15.17 0.08 0.00	13.62 0.04 0.00	16.23 0.05 0.00	17.09 0.02 0.00	17.69 -0.18 0.00	17.07 -0.25 0.00	18.08 -0.23 0.00	18.42 -0.24 0.00	18.22 -0.21 0.00	17.08 -0.20 0.00	17.25 -0.19 0.00	18.43 -0.17 0.00	22.82 -0.10 0.00	18.97 -0.02 0.00	20.34 0.15 0.00	20.76 0.34 0.00	20.66 0.32 0.00	19.10 0.33 0.00	17.87 0.27 0.00
VALLEY44_115KV_TB2 355964	18.21 -0.03 0.00	18.51 0.07 0.00	17.21 0.09 0.00	17.27 0.03 0.00	17.37 0.10 0.00	15.23 0.13 0.00	13.79 0.21 0.00	16.51 0.33 0.00	17.51 0.44 0.00	18.40 0.52 0.00	17.79 0.46 0.00	18.50 0.18 0.00	18.73 0.08 0.00	18.54 0.11 0.00	17.35 0.07 0.00	17.59 0.15 0.00	18.70 0.09 0.00	23.00 0.09 0.00	19.16 0.17 0.00	20.27 0.08 0.00	20.43 0.01 0.00	20.32 -0.02 0.00	18.94 0.16 0.00	17.68 0.08 0.00
VALLEY___115KV_TB 1-4 80826	18.33 0.09 0.00	18.54 0.10 0.00	17.20 0.08 0.00	17.31 0.08 0.00	17.33 0.06 0.00	15.16 0.07 0.00	13.63 0.05 0.00	16.19 0.01 0.00	17.06 0.00 0.00	17.94 0.06 0.00	17.35 0.03 0.00	18.33 0.02 0.00	18.74 0.08 0.00	18.49 0.06 0.00	17.32 0.05 0.00	17.53 0.09 0.00	18.74 0.13 0.00	23.13 0.21 0.00	19.11 0.13 0.00	20.28 0.09 0.00	20.50 0.08 0.00	20.45 0.11 0.00	18.79 0.02 0.00	17.58 -0.02 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.77 0.53 0.00	18.96 0.52 0.00	17.59 0.47 0.00	17.74 0.50 0.00	17.75 0.49 0.00	15.51 0.42 0.00	13.97 0.39 0.00	16.64 0.46 0.00	17.58 0.51 0.00	18.47 0.59 0.00	17.90 0.57 0.00	18.89 0.58 0.00	19.25 0.60 0.00	19.02 0.59 0.00	17.85 0.57 0.00	18.01 0.57 0.00	19.23 0.62 0.00	23.66 0.74 0.00	19.62 0.63 0.00	20.82 0.64 0.00	21.02 0.60 0.00	20.92 0.58 0.00	19.29 0.52 0.00	18.07 0.47 0.00
VISCHER___FERRY HYD 24020	19.08 0.84 0.00	19.27 0.83 0.00	17.89 0.77 0.00	18.01 0.77 0.00	18.02 0.75 0.00	15.76 0.66 0.00	14.14 0.56 0.00	16.81 0.63 0.00	17.72 0.65 0.00	18.61 0.74 0.00	18.10 0.77 0.00	19.16 0.85 0.00	19.55 0.89 0.00	19.25 0.82 0.00	18.04 0.76 0.00	18.25 0.81 0.00	19.46 0.85 0.00	23.96 1.04 0.00	19.70 0.72 0.00	20.91 0.72 0.00	21.12 0.70 0.00	21.09 0.76 0.00	19.41 0.63 0.00	18.21 0.61 0.00
V_A_10_SYNC_DSASP 323832	17.81 -0.43 0.00	18.14 -0.30 0.00	16.89 -0.23 0.00	16.89 -0.34 0.00	16.96 -0.31 0.00	14.90 -0.20 0.00	13.50 -0.08 0.00	16.04 -0.14 0.00	16.91 -0.16 0.00	17.71 -0.17 0.00	17.15 -0.17 0.00	17.89 -0.42 0.00	18.13 -0.52 0.00	18.01 -0.42 0.00	16.84 -0.44 0.00	17.02 -0.42 0.00	18.00 -0.60 0.00	22.15 -0.77 0.00	18.54 -0.44 0.00	19.73 -0.46 0.00	20.01 -0.41 0.00	19.93 -0.41 0.00	18.58 -0.20 0.00	17.32 -0.28 0.00
V_CMM_10_SYNC_DSASP 323787	17.98 -0.25 0.00	18.20 -0.25 0.00	16.92 -0.20 0.00	17.03 -0.21 0.00	17.08 -0.19 0.00	14.95 -0.15 0.00	13.43 -0.14 0.00	16.05 -0.13 0.00	16.92 -0.15 0.00	17.59 -0.28 0.00	17.03 -0.30 0.00	18.03 -0.28 0.00	18.37 -0.29 0.00	18.16 -0.27 0.00	17.01 -0.27 0.00	17.17 -0.26 0.00	18.33 -0.27 0.00	22.64 -0.28 0.00	18.78 -0.21 0.00	20.04 -0.14 0.00	20.36 -0.06 0.00	20.27 -0.07 0.00	18.74 -0.04 0.00	17.54 -0.06 0.00
V_CMP_10_SYNC_DSASP 323788	18.50 0.26 0.00	18.56 0.12 0.00	17.33 0.21 0.00	17.49 0.25 0.00	17.70 0.44 0.00	15.47 0.37 0.00	13.89 0.31 0.00	16.64 0.46 0.00	17.40 0.33 0.00	17.93 0.05 0.00	17.37 0.04 0.00	18.24 -0.07 0.00	18.62 -0.03 0.00	18.47 0.04 0.00	17.26 -0.02 0.00	17.57 0.13 0.00	18.68 0.08 0.00	23.39 0.48 0.00	19.34 0.36 0.00	20.78 0.60 0.00	21.40 0.98 0.00	21.16 0.82 0.00	19.69 0.92 0.00	18.44 0.84 0.00
V_E_10_SYNC_DSASP 323830	19.47 1.24 0.00	19.69 1.25 0.00	18.25 1.13 0.00	18.35 1.11 0.00	18.40 1.13 0.00	16.09 0.99 0.00	14.49 0.91 0.00	17.17 1.00 0.00	18.03 0.96 0.00	18.77 0.89 0.00	18.07 0.74 0.00	18.98 0.67 0.00	19.30 0.65 0.00	18.99 0.57 0.00	17.87 0.59 0.00	18.11 0.68 0.00	19.52 0.92 0.00	24.26 1.34 0.00	20.33 1.35 0.00	21.75 1.57 0.00	22.07 1.65 0.00	21.96 1.62 0.00	20.17 1.39 0.00	18.75 1.15 0.00
V_F_30_NSYNC___DSASP 323816	19.40 1.16 0.00	19.58 1.14 0.00	18.17 1.05 0.00	18.29 1.05 0.00	18.30 1.04 0.00	16.00 0.90 0.00	14.38 0.80 0.00	17.11 0.93 0.00	18.04 0.97 0.00	18.93 1.06 0.00	18.39 1.07 0.00	19.44 1.13 0.00	19.85 1.20 0.00	19.50 1.07 0.00	18.27 0.99 0.00	18.51 1.07 0.00	19.76 1.16 0.00	24.43 1.51 0.00	20.14 1.15 0.00	21.39 1.20 0.00	21.60 1.18 0.00	21.52 1.18 0.00	19.79 1.01 0.00	18.56 0.96 0.00
V_F_30_SYNC_DSASP 323786	18.83 0.59 0.00	19.01 0.57 0.00	17.65 0.53 0.00	17.78 0.54 0.00	17.78 0.52 0.00	15.53 0.43 0.00	13.88 0.30 0.00	16.47 0.29 0.00	17.36 0.29 0.00	18.25 0.37 0.00	17.77 0.44 0.00	18.82 0.50 0.00	19.19 0.53 0.00	18.92 0.49 0.00	17.74 0.47 0.00	17.94 0.51 0.00	19.13 0.53 0.00	23.55 0.63 0.00	19.39 0.40 0.00	20.56 0.37 0.00	20.76 0.34 0.00	20.72 0.38 0.00	19.06 0.29 0.00	17.91 0.30 0.00
V_XM_10_SYNC_DSASP 323789	18.50 0.26 0.00	18.56 0.12 0.00	17.33 0.21 0.00	17.49 0.25 0.00	17.70 0.44 0.00	15.47 0.37 0.00	13.89 0.31 0.00	16.64 0.46 0.00	17.40 0.33 0.00	17.93 0.05 0.00	17.37 0.04 0.00	18.24 -0.07 0.00	18.62 -0.03 0.00	18.47 0.04 0.00	17.26 -0.02 0.00	17.57 0.13 0.00	18.68 0.08 0.00	23.39 0.48 0.00	19.34 0.36 0.00	20.78 0.60 0.00	21.40 0.98 0.00	21.16 0.82 0.00	19.69 0.92 0.00	18.44 0.84 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	19.21 0.97 0.00	19.29 0.86 0.00	17.88 0.75 0.00	18.01 0.77 0.00	17.99 0.73 0.00	15.75 0.65 0.00	14.17 0.60 0.00	16.96 0.78 0.00	17.95 0.88 0.00	18.97 1.09 0.00	18.43 1.11 0.00	19.53 1.22 0.00	19.93 1.27 0.00	19.66 1.23 0.00	18.49 1.21 0.00	18.64 1.20 0.00	19.89 1.28 0.00	24.38 1.46 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.41 0.99 0.00	21.28 0.94 0.00	19.60 0.82 0.00	18.39 0.78 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	19.31 1.07 0.00	19.41 0.97 0.00	17.98 0.85 0.00	18.11 0.87 0.00	18.10 0.83 0.00	15.83 0.73 0.00	14.26 0.68 0.00	17.07 0.89 0.00	18.06 0.99 0.00	19.09 1.21 0.00	18.54 1.22 0.00	19.65 1.34 0.00	20.04 1.39 0.00	19.78 1.35 0.00	18.60 1.32 0.00	18.74 1.31 0.00	19.97 1.37 0.00	24.46 1.54 0.00	20.17 1.18 0.00	21.30 1.11 0.00	21.43 1.01 0.00	21.33 0.99 0.00	19.65 0.87 0.00	18.46 0.86 0.00
W50THST__13_KV_LOAD 356117	19.40 1.16 0.00	19.50 1.06 0.00	18.06 0.93 0.00	18.19 0.95 0.00	18.18 0.92 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.15 1.08 0.00	19.18 1.31 0.00	18.63 1.31 0.00	19.75 1.44 0.00	20.14 1.48 0.00	19.87 1.44 0.00	18.69 1.42 0.00	18.84 1.40 0.00	20.07 1.47 0.00	24.58 1.66 0.00	20.26 1.28 0.00	21.40 1.22 0.00	21.53 1.11 0.00	21.43 1.09 0.00	19.74 0.97 0.00	18.55 0.94 0.00
WADING RIVER_IC_1 23522	19.40 1.16 0.00	19.47 1.04 0.00	18.07 0.95 0.00	18.17 0.93 0.00	18.12 0.86 0.00	15.89 0.79 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.38 1.31 0.00	19.51 1.64 0.00	18.85 1.53 0.00	25.76 1.80 -5.64	36.11 1.84 -15.62	66.97 1.95 -46.59	19.05 1.75 -0.02	24.02 1.64 -4.95	21.59 1.57 -1.42	24.43 1.52 0.00	20.25 1.26 0.00	21.67 1.48 0.00	21.74 1.30 -0.02	21.23 0.89 0.00	19.38 0.61 0.00	18.25 0.65 0.00
WADING RIVER_IC_2 23547	19.40 1.16 0.00	19.47 1.04 0.00	18.07 0.95 0.00	18.17 0.93 0.00	18.12 0.86 0.00	15.89 0.79 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.38 1.31 0.00	19.51 1.64 0.00	18.85 1.53 0.00	25.76 1.80 -5.64	36.11 1.84 -15.62	66.97 1.95 -46.59	19.05 1.75 -0.02	24.02 1.64 -4.95	21.59 1.57 -1.42	24.43 1.52 0.00	20.25 1.26 0.00	21.67 1.48 0.00	21.74 1.30 -0.02	21.23 0.89 0.00	19.38 0.61 0.00	18.25 0.65 0.00
WADING RIVER_IC_3 23601	19.40 1.16 0.00	19.47 1.04 0.00	18.07 0.95 0.00	18.17 0.93 0.00	18.12 0.86 0.00	15.89 0.79 0.00	14.52 0.94 0.00	17.39 1.21 0.00	18.38 1.31 0.00	19.51 1.64 0.00	18.85 1.53 0.00	25.76 1.80 -5.64	36.11 1.84 -15.62	66.97 1.95 -46.59	19.05 1.75 -0.02	24.02 1.64 -4.95	21.59 1.57 -1.42	24.43 1.52 0.00	20.25 1.26 0.00	21.67 1.48 0.00	21.74 1.30 -0.02	21.23 0.89 0.00	19.38 0.61 0.00	18.25 0.65 0.00
WALDENNY_12_KV_BK2 80841	17.97 -0.27 0.00	18.31 -0.12 0.00	17.05 -0.08 0.00	17.05 -0.20 0.00	17.14 -0.12 0.00	15.05 -0.05 0.00	13.66 0.09 0.00	16.27 0.09 0.00	17.18 0.11 0.00	17.99 0.12 0.00	17.37 0.05 0.00	18.09 -0.22 0.00	18.34 -0.31 0.00	18.23 -0.19 0.00	17.07 -0.21 0.00	17.26 -0.18 0.00	18.24 -0.36 0.00	22.43 -0.49 0.00	18.79 -0.20 0.00	20.00 -0.19 0.00	20.28 -0.14 0.00	20.19 -0.14 0.00	18.83 0.05 0.00	17.54 -0.06 0.00
WALDEN__HYDRO 24148	19.17 0.93 0.00	19.27 0.83 0.00	17.85 0.73 0.00	17.98 0.75 0.00	17.97 0.71 0.00	15.73 0.63 0.00	14.15 0.58 0.00	16.91 0.73 0.00	17.87 0.80 0.00	18.84 0.96 0.00	18.32 0.99 0.00	19.41 1.10 0.00	19.80 1.15 0.00	19.50 1.07 0.00	18.34 1.06 0.00	18.49 1.06 0.00	19.76 1.15 0.00	24.25 1.33 0.00	20.04 1.06 0.00	21.26 1.08 0.00	21.42 1.00 0.00	21.28 0.94 0.00	19.60 0.83 0.00	18.37 0.77 0.00
WARRENSBURG____ 23737	19.70 1.47 0.00	19.83 1.39 0.00	18.39 1.27 0.00	18.50 1.26 0.00	18.51 1.25 0.00	16.19 1.10 0.00	14.57 1.00 0.00	17.36 1.18 0.00	18.30 1.24 0.00	19.22 1.34 0.00	18.62 1.29 0.00	19.65 1.34 0.00	20.08 1.43 0.00	19.59 1.16 0.00	18.34 1.07 0.00	18.62 1.18 0.00	19.94 1.34 0.00	24.79 1.87 0.00	20.46 1.47 0.00	21.72 1.54 0.00	21.96 1.54 0.00	21.83 1.50 0.00	20.09 1.31 0.00	18.86 1.26 0.00
WATERSIDE____6 8 9 23538	19.28 1.04 0.00	19.38 0.95 0.00	17.96 0.84 0.00	18.09 0.85 0.00	18.08 0.81 0.00	15.81 0.71 0.00	14.25 0.67 0.00	17.06 0.88 0.00	18.03 0.96 0.00	19.05 1.18 0.00	18.49 1.17 0.00	19.61 1.30 0.00	20.00 1.35 0.00	19.74 1.31 0.00	18.57 1.29 0.00	18.70 1.27 0.00	19.94 1.33 0.00	24.40 1.48 0.00	20.14 1.15 0.00	21.29 1.10 0.00	21.41 0.99 0.00	21.30 0.96 0.00	19.63 0.85 0.00	18.43 0.83 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.30 0.06 0.00	18.50 0.06 0.00	17.17 0.04 0.00	17.29 0.05 0.00	17.30 0.04 0.00	15.13 0.03 0.00	13.60 0.02 0.00	16.17 -0.01 0.00	17.05 -0.02 0.00	17.91 0.03 0.00	17.35 0.02 0.00	18.34 0.03 0.00	18.72 0.07 0.00	18.47 0.05 0.00	17.31 0.04 0.00	17.50 0.06 0.00	18.70 0.09 0.00	23.05 0.14 0.00	19.07 0.08 0.00	20.25 0.06 0.00	20.46 0.04 0.00	20.39 0.05 0.00	18.77 -0.01 0.00	17.58 -0.03 0.00
WATSON____69_KV_BK 1 55734	19.61 1.37 0.00	19.69 1.25 0.00	18.25 1.13 0.00	18.35 1.11 0.00	18.32 1.06 0.00	16.04 0.94 0.00	14.47 0.90 0.00	17.37 1.19 0.00	18.37 1.31 0.00	19.52 1.64 0.00	18.91 1.58 0.00	25.78 1.90 -5.57	36.08 1.96 -15.47	66.36 1.94 -45.99	19.11 1.81 -0.02	24.57 1.79 -5.34	22.06 1.90 -1.56	24.93 2.01 0.00	20.59 1.60 0.00	21.89 1.70 0.00	22.01 1.58 -0.02	21.67 1.33 0.00	19.80 1.02 0.00	18.66 1.06 0.00
WDELAWARE__HYD 323627	18.58 0.34 0.00	18.67 0.23 0.00	17.29 0.17 0.00	17.41 0.17 0.00	17.40 0.14 0.00	15.23 0.14 0.00	13.72 0.15 0.00	16.40 0.22 0.00	17.34 0.27 0.00	18.25 0.37 0.00	17.75 0.42 0.00	18.79 0.48 0.00	19.21 0.55 0.00	18.91 0.48 0.00	17.86 0.58 0.00	18.04 0.60 0.00	19.25 0.65 0.00	23.64 0.72 0.00	19.53 0.54 0.00	20.71 0.53 0.00	20.85 0.43 0.00	20.73 0.39 0.00	19.08 0.30 0.00	17.86 0.26 0.00
WEST BABYLON__IC 23714	19.56 1.32 0.00	19.64 1.20 0.00	18.20 1.08 0.00	18.30 1.06 0.00	18.27 1.01 0.00	15.99 0.89 0.00	14.43 0.85 0.00	17.30 1.12 0.00	18.30 1.24 0.00	19.44 1.57 0.00	18.83 1.50 0.00	25.51 1.80 -5.40	35.63 1.87 -15.11	64.91 1.85 -44.63	19.03 1.74 -0.02	25.23 1.73 -6.06	22.25 1.85 -1.81	24.89 1.97 0.00	20.55 1.56 0.00	21.83 1.64 0.00	21.96 1.52 -0.02	21.63 1.29 0.00	19.79 1.02 0.00	18.64 1.04 0.00
WEST CANADA__HYD 24049	18.29 0.05 0.00	18.49 0.05 0.00	17.17 0.05 0.00	17.29 0.05 0.00	17.30 0.04 0.00	15.13 0.03 0.00	13.60 0.03 0.00	16.20 0.02 0.00	17.09 0.03 0.00	17.92 0.04 0.00	17.36 0.04 0.00	18.35 0.04 0.00	18.70 0.05 0.00	18.47 0.04 0.00	17.31 0.03 0.00	17.47 0.04 0.00	18.65 0.05 0.00	22.96 0.05 0.00	19.02 0.04 0.00	20.22 0.03 0.00	20.44 0.02 0.00	20.36 0.02 0.00	18.79 0.02 0.00	17.62 0.02 0.00
WESTERN_NY_WIND 24143	18.11 -0.13 0.00	18.47 0.03 0.00	17.20 0.08 0.00	17.17 -0.07 0.00	17.26 0.00 0.00	15.16 0.06 0.00	13.75 0.17 0.00	16.30 0.12 0.00	17.13 0.06 0.00	17.86 -0.02 0.00	17.28 -0.04 0.00	17.95 -0.36 0.00	18.19 -0.46 0.00	18.11 -0.32 0.00	16.90 -0.38 0.00	17.10 -0.34 0.00	18.04 -0.56 0.00	22.25 -0.67 0.00	18.79 -0.20 0.00	20.08 -0.11 0.00	20.40 -0.02 0.00	20.32 -0.02 0.00	18.92 0.14 0.00	17.58 -0.02 0.00



WESTOVER___LESR 323668	18.42 0.18 0.00	18.64 0.20 0.00	17.27 0.15 0.00	17.39 0.15 0.00	17.45 0.19 0.00	15.25 0.15 0.00	13.77 0.19 0.00	16.42 0.24 0.00	17.35 0.28 0.00	18.22 0.34 0.00	17.63 0.30 0.00	18.53 0.22 0.00	18.87 0.21 0.00	18.64 0.21 0.00	17.49 0.22 0.00	17.67 0.23 0.00	18.86 0.26 0.00	23.26 0.34 0.00	19.29 0.30 0.00	20.46 0.27 0.00	20.65 0.23 0.00	20.54 0.20 0.00	18.99 0.22 0.00	17.79 0.18 0.00
WETHRSFD_WT_PWR 323626	17.63 -0.61 0.00	17.92 -0.52 0.00	16.69 -0.43 0.00	16.76 -0.48 0.00	16.96 -0.31 0.00	14.84 -0.25 0.00	13.49 -0.09 0.00	16.19 0.01 0.00	17.14 0.07 0.00	17.93 0.05 0.00	17.20 -0.13 0.00	17.87 -0.44 0.00	18.14 -0.51 0.00	18.05 -0.38 0.00	16.92 -0.36 0.00	17.11 -0.32 0.00	18.15 -0.46 0.00	22.38 -0.54 0.00	18.70 -0.29 0.00	19.93 -0.26 0.00	20.23 -0.19 0.00	20.12 -0.22 0.00	18.71 -0.07 0.00	17.50 -0.10 0.00
WHAVSTOR_138KV_BK127 55557	19.12 0.89 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.94 0.70 0.00	17.92 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.87 0.81 0.00	18.89 1.01 0.00	18.35 1.03 0.00	19.44 1.13 0.00	19.83 1.17 0.00	19.57 1.14 0.00	18.39 1.12 0.00	18.55 1.11 0.00	19.78 1.18 0.00	24.24 1.33 0.00	20.02 1.03 0.00	21.17 0.98 0.00	21.29 0.87 0.00	21.16 0.82 0.00	19.50 0.72 0.00	18.30 0.70 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.12 0.89 0.00	19.22 0.78 0.00	17.80 0.68 0.00	17.94 0.70 0.00	17.92 0.66 0.00	15.68 0.59 0.00	14.12 0.54 0.00	16.89 0.71 0.00	17.87 0.81 0.00	18.89 1.01 0.00	18.35 1.03 0.00	19.44 1.13 0.00	19.83 1.17 0.00	19.57 1.14 0.00	18.39 1.12 0.00	18.55 1.11 0.00	19.78 1.18 0.00	24.24 1.33 0.00	20.02 1.03 0.00	21.17 0.98 0.00	21.29 0.87 0.00	21.16 0.82 0.00	19.50 0.72 0.00	18.30 0.70 0.00
WHITEHAL_115KV_TB1 80871	20.29 2.05 0.00	20.23 1.79 0.00	18.79 1.67 0.00	18.84 1.60 0.00	18.87 1.61 0.00	16.53 1.44 0.00	14.93 1.35 0.00	17.79 1.61 0.00	18.71 1.64 0.00	19.64 1.76 0.00	19.25 1.92 0.00	20.27 1.96 0.00	20.69 2.03 0.00	20.23 1.80 0.00	18.91 1.63 0.00	19.17 1.74 0.00	20.31 1.71 0.00	25.27 2.35 0.00	20.81 1.82 0.00	22.09 1.91 0.00	22.37 1.95 0.00	22.19 1.85 0.00	20.49 1.71 0.00	19.36 1.75 0.00
WHITEPLN_13_KV_LOAD 356215	19.36 1.13 0.00	19.46 1.02 0.00	18.02 0.90 0.00	18.15 0.90 0.00	18.14 0.87 0.00	15.87 0.77 0.00	14.29 0.72 0.00	17.10 0.92 0.00	18.10 1.03 0.00	19.12 1.24 0.00	18.59 1.26 0.00	19.70 1.39 0.00	20.09 1.44 0.00	19.82 1.40 0.00	18.64 1.36 0.00	18.79 1.36 0.00	20.03 1.43 0.00	24.56 1.64 0.00	20.26 1.28 0.00	21.43 1.25 0.00	21.57 1.15 0.00	21.44 1.11 0.00	19.74 0.96 0.00	18.52 0.91 0.00
WM_FLOYD_69_KV_BK2 356380	19.47 1.23 0.00	19.55 1.11 0.00	18.14 1.02 0.00	18.23 0.99 0.00	18.19 0.93 0.00	15.95 0.85 0.00	14.50 0.93 0.00	17.37 1.19 0.00	18.34 1.28 0.00	19.47 1.60 0.00	18.84 1.51 0.00	25.76 1.81 -5.64	36.13 1.86 -15.61	66.90 1.92 -46.55	19.02 1.72 -0.02	24.06 1.66 -4.97	21.72 1.69 -1.43	24.64 1.73 0.00	20.39 1.41 0.00	21.75 1.57 0.00	21.86 1.42 -0.02	21.43 1.09 0.00	19.57 0.79 0.00	18.42 0.82 0.00
WOODARD__115KV_TB2 355635	18.10 -0.14 0.00	18.31 -0.13 0.00	16.99 -0.13 0.00	17.09 -0.15 0.00	17.13 -0.14 0.00	14.98 -0.12 0.00	13.49 -0.09 0.00	16.06 -0.12 0.00	16.94 -0.13 0.00	17.76 -0.12 0.00	17.20 -0.13 0.00	18.13 -0.18 0.00	18.46 -0.20 0.00	18.25 -0.18 0.00	17.11 -0.17 0.00	17.26 -0.18 0.00	18.42 -0.19 0.00	22.71 -0.20 0.00	18.86 -0.12 0.00	20.06 -0.13 0.00	20.28 -0.14 0.00	20.20 -0.14 0.00	18.65 -0.12 0.00	17.48 -0.12 0.00
YORK___WARBASSE 23770	19.33 1.09 0.00	19.47 1.03 0.00	18.03 0.91 0.00	18.18 0.94 0.00	18.17 0.91 0.00	15.90 0.80 0.00	14.33 0.75 0.00	17.15 0.97 0.00	18.11 1.04 0.00	19.10 1.22 0.00	18.55 1.23 0.00	19.67 1.37 0.00	20.07 1.41 0.00	19.80 1.38 0.00	18.64 1.36 0.00	18.76 1.33 0.00	20.01 1.41 0.00	24.49 1.57 0.00	20.22 1.23 0.00	21.38 1.19 0.00	21.50 1.08 0.00	21.38 1.05 0.00	19.70 0.92 0.00	18.49 0.89 0.00