

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

06/19/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	22.08	19.83	18.30	17.25	16.82	18.94	19.34	18.78	19.93	21.14	26.62	31.36	28.63	27.75	28.37	32.06	30.22	33.36	31.08	30.47	33.91	32.58	28.46	25.29
24138	1.27	0.99	0.93	0.91	0.86	0.91	1.11	1.10	1.22	1.40	1.90	2.32	2.29	2.21	2.39	2.74	2.59	2.72	2.48	2.36	2.32	2.15	1.80	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.11	19.86	18.34	17.29	16.86	18.99	19.37	18.80	19.94	21.16	26.62	31.37	28.64	27.76	28.38	32.06	30.23	33.36	31.13	30.52	33.96	32.64	28.52	25.34
24260	1.30	1.02	0.98	0.94	0.89	0.96	1.15	1.12	1.24	1.41	1.91	2.33	2.31	2.22	2.40	2.74	2.60	2.72	2.52	2.41	2.38	2.22	1.86	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.11	19.86	18.34	17.29	16.86	18.99	19.37	18.80	19.94	21.16	26.62	31.37	28.64	27.76	28.38	32.06	30.23	33.36	31.13	30.52	33.96	32.64	28.52	25.34
24261	1.30	1.02	0.98	0.94	0.89	0.96	1.15	1.12	1.24	1.41	1.91	2.33	2.31	2.22	2.40	2.74	2.60	2.72	2.52	2.41	2.38	2.22	1.86	1.60
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.99	19.83	18.28	17.23	16.83	18.97	19.29	18.67	19.63	20.69	25.73	30.21	27.46	26.47	27.10	30.52	28.77	32.12	30.50	30.29	33.77	32.50	28.31	25.11
24011	1.18	0.98	0.91	0.88	0.87	0.94	1.07	1.00	0.92	0.95	1.01	1.17	1.13	0.93	1.11	1.20	1.14	1.48	1.89	2.18	2.19	2.07	1.64	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	22.18	19.98	18.42	17.38	16.96	19.12	19.46	18.83	19.74	20.81	25.87	30.38	27.64	26.62	27.26	30.75	28.96	32.36	30.79	30.60	34.05	32.76	28.52	25.28
23798	1.37	1.14	1.06	1.03	1.00	1.09	1.24	1.15	1.03	1.06	1.15	1.34	1.31	1.08	1.28	1.43	1.33	1.73	2.18	2.49	2.47	2.34	1.85	1.54
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.99	19.83	18.28	17.23	16.83	18.97	19.29	18.67	19.63	20.69	25.73	30.21	27.46	26.47	27.10	30.52	28.77	32.12	30.50	30.29	33.77	32.50	28.31	25.11
24028	1.18	0.98	0.91	0.88	0.87	0.94	1.07	1.00	0.92	0.95	1.01	1.17	1.13	0.93	1.11	1.20	1.14	1.48	1.89	2.18	2.19	2.07	1.64	1.36
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.53	19.58	18.07	17.05	16.67	18.74	18.92	18.30	19.24	20.28	25.34	29.76	27.07	26.23	26.86	29.90	28.13	31.28	29.53	29.38	32.77	31.67	27.54	24.50
23527	0.72	0.73	0.70	0.70	0.71	0.72	0.70	0.62	0.53	0.54	0.62	0.72	0.74	0.69	0.88	0.59	0.50	0.64	0.92	1.27	1.19	1.25	0.88	0.76
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	20.99	18.95	17.49	16.49	16.11	18.12	18.35	17.75	18.78	19.83	24.83	29.21	26.57	25.77	26.35	29.59	27.89	30.97	29.08	28.66	32.04	30.93	26.94	23.95
24190	0.18	0.11	0.13	0.15	0.15	0.09	0.12	0.08	0.08	0.08	0.12	0.17	0.24	0.23	0.37	0.28	0.25	0.33	0.48	0.55	0.45	0.50	0.27	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.60	18.77	17.27	16.25	15.86	17.93	18.08	17.52	18.54	19.57	24.46	28.78	26.04	25.25	25.64	28.95	27.27	30.20	28.11	27.56	31.20	30.12	26.53	23.49
355683	-0.21	-0.08	-0.09	-0.10	-0.10	-0.10	-0.14	-0.15	-0.16	-0.18	-0.26	-0.26	-0.29	-0.29	-0.34	-0.36	-0.36	-0.43	-0.50	-0.54	-0.39	-0.31	-0.13	-0.25
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.99	18.95	17.49	16.49	16.11	18.12	18.35	17.75	18.78	19.83	24.83	29.21	26.57	25.77	26.35	29.59	27.89	30.97	29.08	28.66	32.04	30.93	26.94	23.95
23571	0.18	0.11	0.13	0.15	0.15	0.09	0.12	0.08	0.08	0.08	0.12	0.17	0.24	0.23	0.37	0.28	0.25	0.33	0.48	0.55	0.45	0.50	0.27	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.99	18.95	17.49	16.49	16.11	18.12	18.35	17.75	18.78	19.83	24.83	29.21	26.57	25.77	26.35	29.59	27.89	30.97	29.08	28.66	32.04	30.93	26.94	23.95
23572	0.18	0.11	0.13	0.15	0.15	0.09	0.12	0.08	0.08	0.08	0.12	0.17	0.24	0.23	0.37	0.28	0.25	0.33	0.48	0.55	0.45	0.50	0.27	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.99	18.95	17.49	16.49	16.11	18.12	18.35	17.75	18.78	19.83	24.83	29.21	26.57	25.77	26.35	29.59	27.89	30.97	29.08	28.66	32.04	30.93	26.94	23.95
23573	0.18	0.11	0.13	0.15	0.15	0.09	0.12	0.08	0.08	0.08	0.12	0.17	0.24	0.23	0.37	0.28	0.25	0.33	0.48	0.55	0.45	0.50	0.27	0.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	20.99 0.18 0.00	18.95 0.11 0.00	17.49 0.13 0.00	16.49 0.15 0.00	16.11 0.15 0.00	18.12 0.09 0.00	18.35 0.12 0.00	17.75 0.08 0.00	18.78 0.08 0.00	19.83 0.08 0.00	24.83 0.12 0.00	29.21 0.17 0.00	26.57 0.24 0.00	25.77 0.23 0.00	26.35 0.37 0.00	29.59 0.28 0.00	27.89 0.25 0.00	30.97 0.33 0.00	29.08 0.48 0.00	28.66 0.55 0.00	32.04 0.45 0.00	30.93 0.50 0.00	26.94 0.27 0.00	23.95 0.20 0.00
ALBANY___LFGE 323615	21.20 0.39 0.00	19.15 0.31 0.00	17.67 0.31 0.00	16.66 0.31 0.00	16.28 0.31 0.00	18.31 0.28 0.00	18.55 0.32 0.00	17.94 0.27 0.00	18.97 0.27 0.00	20.04 0.30 0.00	25.12 0.40 0.00	29.54 0.50 0.00	26.86 0.53 0.00	26.07 0.52 0.00	26.66 0.67 0.00	29.95 0.64 0.00	28.22 0.59 0.00	31.36 0.72 0.00	29.45 0.84 0.00	29.02 0.91 0.00	32.43 0.85 0.00	31.29 0.86 0.00	27.25 0.58 0.00	24.21 0.47 0.00
ALCOA_PA_115KV_PL-6C 55860	20.74 -0.07 0.00	18.90 0.06 0.00	17.39 0.03 0.00	16.35 0.01 0.00	15.97 0.01 0.00	18.06 0.03 0.00	18.20 -0.03 0.00	17.61 -0.06 0.00	18.64 -0.07 0.00	19.67 -0.08 0.00	24.58 -0.14 0.00	28.92 -0.12 0.00	26.17 -0.16 0.00	25.38 -0.17 0.00	25.77 -0.22 0.00	29.08 -0.23 0.00	27.38 -0.25 0.00	30.33 -0.31 0.00	28.23 -0.38 0.00	27.69 -0.42 0.00	31.36 -0.23 0.00	30.29 -0.14 0.00	26.71 0.05 0.00	23.66 -0.09 0.00
ALCOA_RYNLDS___DRP 24188	20.74 -0.07 0.00	18.90 0.06 0.00	17.39 0.03 0.00	16.35 0.01 0.00	15.97 0.01 0.00	18.06 0.03 0.00	18.20 -0.03 0.00	17.61 -0.06 0.00	18.64 -0.07 0.00	19.67 -0.08 0.00	24.58 -0.14 0.00	28.92 -0.12 0.00	26.17 -0.16 0.00	25.38 -0.17 0.00	25.77 -0.22 0.00	29.08 -0.23 0.00	27.38 -0.25 0.00	30.33 -0.31 0.00	28.23 -0.38 0.00	27.69 -0.42 0.00	31.36 -0.23 0.00	30.29 -0.14 0.00	26.71 0.05 0.00	23.66 -0.09 0.00
ALCOA___DSASP 323711	20.74 -0.07 0.00	18.90 0.06 0.00	17.39 0.03 0.00	16.35 0.01 0.00	15.97 0.01 0.00	18.06 0.03 0.00	18.20 -0.03 0.00	17.61 -0.06 0.00	18.64 -0.07 0.00	19.67 -0.08 0.00	24.58 -0.14 0.00	28.92 -0.12 0.00	26.17 -0.16 0.00	25.38 -0.17 0.00	25.77 -0.22 0.00	29.09 -0.23 0.00	27.38 -0.25 0.00	30.33 -0.31 0.00	28.23 -0.38 0.00	27.69 -0.42 0.00	31.36 -0.23 0.00	30.29 -0.14 0.00	26.71 0.05 0.00	23.66 -0.09 0.00
ALLEGHENY___COGEN 23514	21.78 0.97 0.00	19.55 0.71 0.00	17.91 0.55 0.00	16.82 0.47 0.00	16.43 0.46 0.00	18.79 0.76 0.00	19.09 0.86 0.00	18.42 0.75 0.00	19.32 0.61 0.00	20.43 0.69 0.00	25.67 0.95 0.00	29.77 0.73 0.00	26.70 0.37 0.00	25.68 0.13 0.00	25.58 -0.40 0.00	28.99 -0.32 0.00	27.34 -0.30 0.00	30.35 -0.29 0.00	28.19 -0.42 0.00	28.12 0.00 0.00	31.94 0.36 0.00	30.74 0.31 0.00	27.48 0.81 0.00	25.03 1.29 0.00
ALTAMONT_115KV_TB 2 55880	21.32 0.51 0.00	19.25 0.41 0.00	17.77 0.40 0.00	16.75 0.40 0.00	16.36 0.39 0.00	18.41 0.38 0.00	18.66 0.43 0.00	18.07 0.39 0.00	19.10 0.40 0.00	20.18 0.43 0.00	25.27 0.55 0.00	29.70 0.66 0.00	27.01 0.68 0.00	26.18 0.64 0.00	26.74 0.76 0.00	30.07 0.76 0.00	28.34 0.71 0.00	31.45 0.81 0.00	29.53 0.92 0.00	29.09 0.98 0.00	32.54 0.95 0.00	31.39 0.96 0.00	27.38 0.71 0.00	24.34 0.60 0.00
ALTONA_WT_PWR 323606	21.30 0.49 0.00	19.38 0.54 0.00	17.87 0.50 0.00	16.83 0.48 0.00	16.45 0.49 0.00	18.62 0.59 0.00	18.85 0.62 0.00	18.13 0.45 0.00	19.18 0.47 0.00	20.25 0.51 0.00	25.27 0.55 0.00	29.72 0.68 0.00	26.95 0.62 0.00	26.15 0.60 0.00	26.64 0.66 0.00	30.01 0.70 0.00	28.26 0.63 0.00	31.51 0.88 0.00	29.41 0.80 0.00	28.92 0.81 0.00	32.50 0.92 0.00	31.32 0.90 0.00	27.53 0.87 0.00	24.37 0.62 0.00
AMERICAN_REF_FUEL 24010	20.59 -0.22 0.00	18.51 -0.33 0.00	16.90 -0.46 0.00	15.86 -0.49 0.00	15.49 -0.47 0.00	17.76 -0.26 0.00	18.05 -0.18 0.00	17.50 -0.17 0.00	18.58 -0.13 0.00	19.71 -0.03 0.00	24.74 0.02 0.00	28.58 -0.46 0.00	25.74 -0.59 0.00	25.25 -0.29 0.00	24.91 -1.07 0.00	28.36 -0.95 0.00	26.71 -0.93 0.00	29.51 -1.13 0.00	27.31 -1.29 0.00	26.99 -1.12 0.00	30.40 -1.18 0.00	29.18 -1.24 0.00	25.79 -0.87 0.00	23.69 -0.06 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	21.12 0.31 0.00	18.92 0.07 0.00	17.30 -0.07 0.00	16.24 -0.10 0.00	15.82 -0.14 0.00	18.19 0.16 0.00	18.60 0.38 0.00	18.30 0.62 0.00	19.58 0.88 0.00	20.85 1.10 0.00	26.38 1.66 0.00	30.55 1.52 0.00	27.35 1.02 0.00	26.80 1.26 0.00	26.71 0.73 0.00	30.44 1.13 0.00	28.64 1.01 0.00	31.67 1.03 0.00	29.18 0.57 0.00	28.53 0.42 0.00	31.88 0.29 0.00	30.52 0.09 0.00	26.80 0.13 0.00	24.22 0.48 0.00
ARTHUR_KILL_GT_1 23520	21.95 1.14 0.00	19.75 0.91 0.00	18.24 0.87 0.00	17.19 0.84 0.00	16.74 0.78 0.00	18.87 0.84 0.00	19.25 1.03 0.00	18.63 0.95 0.00	19.75 1.04 0.00	20.94 1.19 0.00	26.34 1.62 0.00	31.00 1.97 0.01	28.42 2.09 0.00	27.53 1.99 0.00	28.14 2.16 0.00	31.45 2.44 0.30	29.90 2.33 0.07	32.23 2.34 0.75	30.85 2.24 0.00	30.24 2.13 0.00	33.57 2.00 0.01	32.33 1.91 0.01	28.38 1.71 0.00	25.22 1.48 0.00
ARTHUR_KILL_2 23512	21.89 1.08 0.00	19.70 0.86 0.00	18.19 0.83 0.00	17.15 0.80 0.00	16.70 0.74 0.00	18.82 0.79 0.00	19.20 0.98 0.00	18.58 0.91 0.00	19.70 0.99 0.00	20.88 1.14 0.00	26.27 1.55 0.00	30.92 1.89 0.01	28.34 2.01 0.00	27.46 1.91 0.00	28.06 2.08 0.00	31.36 2.35 0.30	29.81 2.24 0.07	32.13 2.24 0.75	30.75 2.15 0.00	30.16 2.05 0.00	33.47 1.88 0.01	32.23 1.81 0.01	28.29 1.63 0.00	25.15 1.41 0.00
ARTHUR_KILL_3 23513	21.90 1.09 0.00	19.69 0.85 0.00	18.17 0.80 0.00	17.13 0.78 0.00	16.68 0.72 0.00	18.79 0.76 0.00	19.16 0.94 0.00	18.57 0.90 0.00	19.69 0.99 0.00	20.88 1.14 0.00	26.29 1.57 0.00	30.98 1.94 0.00	28.30 1.97 0.00	27.39 1.85 0.00	28.01 2.03 0.00	31.64 2.33 0.00	29.82 2.19 0.00	32.92 2.29 0.00	30.72 2.12 0.00	30.13 2.02 0.00	33.52 1.93 0.00	32.22 1.80 0.00	28.19 1.53 0.00	25.06 1.32 0.00
ARTHUR_KILL_COGEN 323718	21.95 1.14 0.00	19.75 0.91 0.00	18.24 0.87 0.00	17.19 0.84 0.00	16.74 0.78 0.00	18.87 0.84 0.00	19.25 1.03 0.00	18.63 0.95 0.00	19.75 1.04 0.00	20.94 1.19 0.00	26.34 1.62 0.00	31.00 1.97 0.01	28.42 2.09 0.00	27.53 1.99 0.00	28.14 2.16 0.00	31.45 2.44 0.30	29.90 2.33 0.07	32.23 2.34 0.75	30.85 2.24 0.00	30.24 2.13 0.00	33.57 2.00 0.01	32.33 1.91 0.01	28.38 1.71 0.00	25.22 1.48 0.00
ASHOKAN____ 23654	21.51 0.70 0.00	19.35 0.51 0.00	17.84 0.47 0.00	16.81 0.47 0.00	16.42 0.46 0.00	18.49 0.46 0.00	18.78 0.56 0.00	18.21 0.53 0.00	19.29 0.58 0.00	20.35 0.60 0.00	25.59 0.87 0.00	30.39 1.35 0.00	27.65 1.32 0.00	26.97 1.43 0.00	27.54 1.56 0.00	30.49 1.18 0.00	28.77 1.14 0.00	31.96 1.32 0.00	30.06 1.45 0.00	29.69 1.58 0.00	33.22 1.63 0.00	32.02 1.59 0.00	27.82 1.15 0.00	24.67 0.92 0.00

ASTORIA_EAST_ENERGY_CC1 323581	21.93 1.12 0.00	19.74 0.90 0.00	18.26 0.90 0.00	17.19 0.85 0.00	16.76 0.79 0.00	18.87 0.85 0.00	19.27 1.04 0.00	18.65 0.98 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.33 1.61 0.00	31.02 1.98 0.00	28.37 2.04 0.00	27.55 2.00 0.00	28.18 2.20 0.00	31.76 2.45 0.00	29.91 2.28 0.00	32.92 2.29 0.00	30.74 2.13 0.00	30.20 2.09 0.00	33.62 2.04 0.00	32.38 1.95 0.00	28.32 1.65 0.00	25.14 1.40 0.00
ASTORIA_EAST_ENERGY_CC2 323582	21.93 1.12 0.00	19.74 0.90 0.00	18.26 0.90 0.00	17.19 0.85 0.00	16.76 0.79 0.00	18.87 0.85 0.00	19.27 1.04 0.00	18.65 0.98 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.33 1.61 0.00	31.02 1.98 0.00	28.37 2.04 0.00	27.55 2.00 0.00	28.18 2.20 0.00	31.76 2.45 0.00	29.91 2.28 0.00	32.92 2.29 0.00	30.74 2.13 0.00	30.20 2.09 0.00	33.62 2.04 0.00	32.38 1.95 0.00	28.32 1.65 0.00	25.14 1.40 0.00
ASTORIA_GT2_1 24094	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT2_2 24095	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT2_3 24096	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT2_4 24097	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT3_1 24098	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT3_2 24099	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT3_3 24100	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT3_4 24101	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT4_1 24102	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT4_2 24103	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT4_3 24104	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT4_4 24105	21.94 1.14 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.35 1.63 0.00	31.04 2.00 0.00	28.39 2.05 0.00	27.57 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.39 1.97 0.00	28.32 1.66 0.00	25.16 1.42 0.00
ASTORIA_GT_1 23523	21.98 1.17 0.00	19.78 0.94 0.00	18.30 0.93 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.91 0.88 0.00	19.31 1.09 0.00	18.69 1.01 0.00	19.82 1.12 0.00	21.03 1.28 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.44 2.11 0.00	27.62 2.08 0.00	28.25 2.27 0.00	31.84 2.53 0.00	30.00 2.37 0.00	33.02 2.39 0.00	30.82 2.22 0.00	30.27 2.16 0.00	33.72 2.13 0.00	32.46 2.03 0.00	28.39 1.72 0.00	25.20 1.46 0.00

ASTORIA_GT_10 24110	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.90 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.46 2.13 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA_GT_11 24225	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.90 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.46 2.13 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA_GT_12 24226	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.89 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.14 2.10 0.00	28.47 2.14 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.14 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA_GT_13 24227	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.89 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.14 2.10 0.00	28.47 2.14 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.14 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA_GT_5 24106	21.98 1.17 0.00	19.78 0.94 0.00	18.30 0.93 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.91 0.88 0.00	19.31 1.09 0.00	18.69 1.01 0.00	19.82 1.12 0.00	21.03 1.28 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.44 2.11 0.00	27.62 2.08 0.00	28.25 2.27 0.00	31.84 2.53 0.00	30.00 2.37 0.00	33.02 2.39 0.00	30.82 2.22 0.00	30.27 2.16 0.00	33.72 2.13 0.00	32.46 2.03 0.00	28.39 1.72 0.00	25.20 1.46 0.00
ASTORIA_GT_7 24107	21.98 1.17 0.00	19.78 0.94 0.00	18.30 0.93 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.91 0.88 0.00	19.31 1.09 0.00	18.69 1.01 0.00	19.82 1.12 0.00	21.03 1.28 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.44 2.11 0.00	27.62 2.08 0.00	28.25 2.27 0.00	31.84 2.53 0.00	30.00 2.37 0.00	33.02 2.39 0.00	30.82 2.22 0.00	30.27 2.16 0.00	33.72 2.13 0.00	32.46 2.03 0.00	28.39 1.72 0.00	25.20 1.46 0.00
ASTORIA_GT_8 24108	21.98 1.17 0.00	19.78 0.94 0.00	18.30 0.93 0.00	17.22 0.87 0.00	16.79 0.82 0.00	18.91 0.88 0.00	19.31 1.08 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.03 1.28 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.44 2.11 0.00	27.62 2.08 0.00	28.25 2.27 0.00	31.85 2.54 0.00	30.00 2.37 0.00	33.02 2.38 0.00	30.82 2.22 0.00	30.28 2.17 0.00	33.71 2.13 0.00	32.46 2.03 0.00	28.38 1.72 0.00	25.20 1.46 0.00
ASTORIA___2 24149	21.94 1.13 0.00	19.75 0.91 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.08 0.00	20.99 1.24 0.00	26.34 1.63 0.00	31.03 2.00 0.00	28.38 2.05 0.00	27.56 2.02 0.00	28.19 2.21 0.00	31.77 2.46 0.00	29.93 2.30 0.00	32.94 2.31 0.00	30.75 2.15 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.40 1.97 0.00	28.33 1.67 0.00	25.16 1.41 0.00
ASTORIA___3 23516	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.89 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.14 2.10 0.00	28.47 2.14 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.14 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA___4 23517	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.90 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.46 2.13 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.89 2.29 0.00	30.31 2.20 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.69 0.00	25.18 1.44 0.00
ASTORIA___5 23518	21.97 1.16 0.00	19.77 0.93 0.00	18.26 0.89 0.00	17.21 0.87 0.00	16.78 0.82 0.00	18.89 0.86 0.00	19.28 1.06 0.00	18.70 1.02 0.00	19.83 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.14 2.10 0.00	28.47 2.14 0.00	27.60 2.05 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.10 2.47 0.00	30.77 2.17 0.00	30.21 2.10 0.00	33.64 2.06 0.00	32.40 1.97 0.00	28.33 1.67 0.00	25.16 1.41 0.00
AST_ENERGY_2_CC3 323677	21.93 1.12 0.00	19.71 0.87 0.00	18.22 0.85 0.00	17.17 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.96 1.22 0.00	26.35 1.64 0.00	31.04 2.00 0.00	28.35 2.02 0.00	27.47 1.92 0.00	28.09 2.11 0.00	31.73 2.42 0.00	29.91 2.28 0.00	33.01 2.37 0.00	30.81 2.20 0.00	30.21 2.10 0.00	33.62 2.04 0.00	32.32 1.90 0.00	28.25 1.59 0.00	25.11 1.37 0.00
AST_ENERGY_2_CC4 323678	21.93 1.12 0.00	19.71 0.87 0.00	18.22 0.85 0.00	17.17 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.96 1.22 0.00	26.35 1.64 0.00	31.04 2.00 0.00	28.35 2.02 0.00	27.47 1.92 0.00	28.09 2.11 0.00	31.73 2.42 0.00	29.91 2.28 0.00	33.01 2.37 0.00	30.81 2.20 0.00	30.21 2.10 0.00	33.62 2.04 0.00	32.32 1.90 0.00	28.25 1.59 0.00	25.11 1.37 0.00
ATHENS_STG_1 23668	21.49 0.68 0.00	19.37 0.53 0.00	17.89 0.52 0.00	16.86 0.52 0.00	16.46 0.50 0.00	18.52 0.49 0.00	18.81 0.58 0.00	18.22 0.55 0.00	19.29 0.58 0.00	20.39 0.64 0.00	25.59 0.87 0.00	30.11 1.07 0.00	27.39 1.06 0.00	26.55 1.01 0.00	27.12 1.14 0.00	30.53 1.22 0.00	28.75 1.13 0.00	31.83 1.20 0.00	29.82 1.21 0.00	29.31 1.20 0.00	32.79 1.21 0.00	31.63 1.20 0.00	27.60 0.94 0.00	24.55 0.81 0.00
ATHENS_STG_2 23670	21.49 0.68 0.00	19.37 0.53 0.00	17.89 0.52 0.00	16.86 0.52 0.00	16.46 0.50 0.00	18.52 0.49 0.00	18.81 0.58 0.00	18.22 0.55 0.00	19.29 0.58 0.00	20.39 0.64 0.00	25.59 0.87 0.00	30.11 1.07 0.00	27.39 1.06 0.00	26.55 1.01 0.00	27.12 1.14 0.00	30.53 1.22 0.00	28.75 1.13 0.00	31.83 1.20 0.00	29.82 1.21 0.00	29.31 1.20 0.00	32.79 1.21 0.00	31.63 1.20 0.00	27.60 0.94 0.00	24.55 0.81 0.00

ATHENS_STG_3 23677	21.49 0.68 0.00	19.37 0.53 0.00	17.89 0.52 0.00	16.86 0.52 0.00	16.46 0.50 0.00	18.52 0.49 0.00	18.81 0.58 0.00	18.22 0.55 0.00	19.29 0.58 0.00	20.39 0.64 0.00	25.59 0.87 0.00	30.11 1.07 0.00	27.39 1.06 0.00	26.55 1.01 0.00	27.12 1.14 0.00	30.53 1.22 0.00	28.75 1.13 0.00	31.83 1.20 0.00	29.82 1.21 0.00	29.31 1.20 0.00	32.79 1.21 0.00	31.63 1.20 0.00	27.60 0.94 0.00	24.55 0.81 0.00
AUBURN___LFGE 323710	21.10 0.29 0.00	19.06 0.21 0.00	17.55 0.18 0.00	16.54 0.19 0.00	16.16 0.20 0.00	18.31 0.28 0.00	18.56 0.33 0.00	17.99 0.32 0.00	18.98 0.27 0.00	20.07 0.32 -0.09	25.26 0.45 -0.21	29.72 0.46 -0.32	26.98 0.33 0.00	25.88 0.34 0.00	26.34 0.36 0.00	29.83 0.51 0.00	28.02 0.39 0.00	31.87 0.60 -0.64	29.22 0.61 0.00	29.77 0.63 -1.03	32.09 0.51 0.00	30.87 0.45 0.00	27.02 0.36 0.00	24.23 0.48 0.00
BABYLON_RES_REC 323704	22.28 1.47 0.00	19.91 1.06 0.00	18.32 0.96 0.00	17.30 0.95 0.00	16.90 0.94 0.00	19.01 0.99 0.00	19.34 1.11 0.00	18.81 1.14 0.00	20.00 1.30 0.00	21.20 1.45 0.00	26.85 2.13 0.00	31.62 2.58 0.00	30.00 2.55 -1.12	30.93 2.43 -2.95	31.04 2.63 -2.43	32.44 3.05 -0.07	30.52 2.88 -0.02	33.63 2.99 0.00	31.41 2.80 0.00	30.79 2.68 0.00	34.29 2.70 0.00	33.06 2.62 -0.01	28.78 2.12 0.00	25.47 1.73 0.00
BABYLON__69_KV_BK2 356345	22.49 1.67 0.00	20.09 1.24 0.00	18.47 1.11 0.00	17.45 1.10 0.00	17.06 1.10 0.00	19.18 1.15 0.00	19.50 1.28 0.00	18.98 1.31 0.00	20.20 1.50 0.00	21.41 1.67 0.00	27.14 2.42 0.00	31.98 2.94 0.00	30.32 2.87 -1.12	31.24 2.75 -2.95	31.39 2.98 -2.43	32.84 3.46 -0.07	30.91 3.26 -0.02	33.98 3.35 0.00	31.74 3.13 0.00	31.12 3.01 0.00	34.64 3.06 0.00	33.42 2.99 -0.01	29.10 2.43 0.00	25.72 1.98 0.00
BARON_WINDS___WT_PWR 323822	21.08 0.27 0.00	18.94 0.10 0.00	17.42 0.06 0.00	16.37 0.02 0.00	15.94 -0.02 0.00	18.21 0.18 0.00	18.45 0.23 0.00	18.00 0.32 0.00	19.18 0.47 0.00	20.35 0.60 0.00	25.69 0.96 -0.02	29.88 0.79 -0.05	26.91 0.50 -0.08	26.18 0.64 0.00	26.27 0.29 0.00	29.81 0.50 0.00	28.04 0.41 0.00	31.16 0.37 -0.15	28.68 0.07 0.00	28.50 0.15 -0.25	31.60 0.01 0.00	30.12 -0.30 0.00	26.46 -0.21 0.00	23.94 0.20 0.00
BARRETT_IC_1 23704	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_10 23701	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_11 23702	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_12 23703	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_2 23705	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_3 23706	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_4 23707	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_5 23708	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_6 23709	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_7 23710	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.67 2.26 -2.43	31.93 2.55 -0.07	30.01 2.36 -0.02	33.11 2.48 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.46 1.80 0.00	25.21 1.47 0.00

BARRETT_IC_8 23711	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT_IC_9 23700	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT___1 23545	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BARRETT___2 23546	22.07 1.26 0.00	19.74 0.89 0.00	18.16 0.80 0.00	17.14 0.79 0.00	16.75 0.78 0.00	18.83 0.80 0.00	19.12 0.89 0.00	18.58 0.91 0.00	19.75 1.05 0.00	20.94 1.20 0.00	26.56 1.84 0.00	31.26 2.22 0.00	29.63 2.18 -1.12	30.56 2.06 -2.95	30.68 2.26 -2.43	31.93 2.56 -0.07	30.01 2.36 -0.02	33.11 2.47 0.00	30.93 2.32 0.00	30.34 2.23 0.00	33.80 2.22 0.00	32.62 2.19 -0.02	28.47 1.80 0.00	25.21 1.47 0.00
BATAVIA___115KV_TB1 55881	21.32 0.50 0.00	19.15 0.31 0.00	17.50 0.13 0.00	16.42 0.08 0.00	16.06 0.10 0.00	18.40 0.37 0.00	18.71 0.48 0.00	18.17 0.49 0.00	19.28 0.57 0.00	20.44 0.69 0.00	25.65 0.93 0.00	29.72 0.68 0.00	26.82 0.49 0.00	26.31 0.76 0.00	26.13 0.15 0.00	29.72 0.41 0.00	28.06 0.43 0.00	31.13 0.49 0.00	28.94 0.33 0.00	28.56 0.45 0.00	32.12 0.54 0.00	30.81 0.38 0.00	27.10 0.44 0.00	24.68 0.93 0.00
BAYONEEC___CTG1 323682	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG10 323750	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG2 323683	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG3 323684	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG4 323685	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG5 323686	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG6 323687	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG7 323688	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG8 323689	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00
BAYONEEC___CTG9 323749	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.08 2.04 0.00	28.39 2.06 0.00	27.50 1.96 0.00	28.12 2.14 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.04 2.40 0.00	30.84 2.23 0.00	30.25 2.14 0.00	33.66 2.07 0.00	32.36 1.93 0.00	28.30 1.63 0.00	25.15 1.41 0.00

BEACON___LESR 323632	21.31 0.50 0.00	19.24 0.40 0.00	17.73 0.37 0.00	16.73 0.38 0.00	16.35 0.39 0.00	18.37 0.35 0.00	18.63 0.41 0.00	18.09 0.41 0.00	19.12 0.41 0.00	20.18 0.44 0.00	25.30 0.58 0.00	29.76 0.72 0.00	27.02 0.69 0.00	26.26 0.71 0.00	26.83 0.84 0.00	30.11 0.80 0.00	28.39 0.76 0.00	31.60 0.96 0.00	29.58 0.98 0.00	29.22 1.11 0.00	32.70 1.11 0.00	31.54 1.12 0.00	27.42 0.76 0.00	24.32 0.58 0.00
BEAVER RIVER___HYD 24048	21.12 0.31 0.00	19.12 0.27 0.00	17.59 0.23 0.00	16.52 0.17 0.00	16.15 0.19 0.00	18.31 0.28 0.00	18.53 0.31 0.00	17.85 0.17 0.00	18.82 0.11 0.00	19.72 -0.02 0.00	24.61 -0.15 -0.04	28.93 -0.19 -0.08	26.28 -0.18 -0.13	25.45 -0.09 0.00	25.89 -0.09 0.00	29.22 -0.09 0.00	27.55 -0.08 0.00	30.87 -0.02 -0.25	28.79 0.18 0.00	28.84 0.33 -0.40	32.28 0.69 0.00	31.23 0.81 0.00	27.35 0.69 0.00	24.33 0.59 0.00
BEEBEE_GT_13 23619	21.02 0.21 0.00	18.92 0.08 0.00	17.33 -0.04 0.00	16.27 -0.07 0.00	15.91 -0.06 0.00	18.14 0.11 0.00	18.41 0.19 0.00	17.87 0.19 0.00	18.95 0.25 0.00	20.08 0.34 0.00	25.22 0.50 0.00	29.34 0.30 0.00	26.50 0.17 0.00	25.89 0.35 0.00	25.94 -0.04 0.00	29.47 0.16 0.00	27.81 0.18 0.00	30.85 0.21 0.00	28.67 0.06 0.00	28.20 0.10 0.00	31.65 0.07 0.00	30.39 -0.04 0.00	26.71 0.04 0.00	24.18 0.44 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.16 1.35 0.00	19.93 1.08 0.00	18.39 1.03 0.00	17.32 0.98 0.00	16.88 0.92 0.00	19.02 0.99 0.00	19.41 1.19 0.00	18.83 1.15 0.00	19.97 1.27 0.00	21.20 1.45 0.00	26.68 1.97 0.00	31.43 2.40 0.00	28.75 2.42 0.00	27.88 2.33 0.00	28.50 2.52 0.00	32.17 2.86 0.00	30.35 2.72 0.00	33.45 2.81 0.00	31.20 2.60 0.00	30.61 2.50 0.00	34.03 2.45 0.00	32.75 2.33 0.00	28.65 1.98 0.00	25.43 1.68 0.00
BETHLEHEM___GRP 23843	20.99 0.18 0.00	18.95 0.11 0.00	17.49 0.13 0.00	16.49 0.15 0.00	16.11 0.15 0.00	18.12 0.09 0.00	18.35 0.12 0.00	17.75 0.08 0.00	18.78 0.08 0.00	19.83 0.08 0.00	24.83 0.12 0.00	29.21 0.17 0.00	26.57 0.24 0.00	25.77 0.23 0.00	26.35 0.37 0.00	29.59 0.28 0.00	27.89 0.25 0.00	30.97 0.33 0.00	29.08 0.48 0.00	28.66 0.55 0.00	32.04 0.45 0.00	30.93 0.50 0.00	26.94 0.27 0.00	23.95 0.20 0.00
BETHLEHEM___GS1 323560	20.99 0.18 0.00	18.95 0.11 0.00	17.49 0.13 0.00	16.49 0.14 0.00	16.11 0.15 0.00	18.12 0.09 0.00	18.35 0.12 0.00	17.75 0.08 0.00	18.78 0.08 0.00	19.83 0.08 0.00	24.83 0.12 0.00	29.21 0.17 0.00	26.57 0.24 0.00	25.77 0.23 0.00	26.35 0.37 0.00	29.59 0.28 0.00	27.89 0.26 0.00	30.97 0.33 0.00	29.08 0.48 0.00	28.66 0.55 0.00	32.04 0.45 0.00	30.93 0.50 0.00	26.94 0.27 0.00	23.95 0.20 0.00
BETHLEHEM___GS2 323561	20.99 0.18 0.00	18.95 0.11 0.00	17.49 0.13 0.00	16.49 0.14 0.00	16.11 0.15 0.00	18.12 0.09 0.00	18.35 0.12 0.00	17.75 0.08 0.00	18.78 0.08 0.00	19.83 0.08 0.00	24.83 0.12 0.00	29.21 0.17 0.00	26.57 0.24 0.00	25.77 0.23 0.00	26.35 0.37 0.00	29.59 0.28 0.00	27.89 0.26 0.00	30.97 0.33 0.00	29.08 0.48 0.00	28.66 0.55 0.00	32.04 0.45 0.00	30.93 0.50 0.00	26.94 0.27 0.00	23.95 0.20 0.00
BETHLEHEM___GS3 323562	20.99 0.18 0.00	18.95 0.11 0.00	17.49 0.13 0.00	16.49 0.14 0.00	16.11 0.15 0.00	18.12 0.09 0.00	18.35 0.12 0.00	17.75 0.08 0.00	18.78 0.08 0.00	19.83 0.08 0.00	24.83 0.12 0.00	29.21 0.17 0.00	26.57 0.24 0.00	25.77 0.23 0.00	26.35 0.37 0.00	29.59 0.28 0.00	27.89 0.26 0.00	30.97 0.33 0.00	29.08 0.48 0.00	28.66 0.55 0.00	32.04 0.45 0.00	30.93 0.50 0.00	26.94 0.27 0.00	23.95 0.20 0.00
BETHLEHEM___STEEL 23779	21.08 0.28 0.00	18.94 0.10 0.00	17.32 -0.04 0.00	16.25 -0.09 0.00	15.87 -0.09 0.00	18.18 0.16 0.00	18.48 0.25 0.00	18.00 0.33 0.00	19.16 0.45 0.00	20.35 0.60 0.00	25.62 0.91 0.00	29.63 0.59 0.00	26.66 0.33 0.00	26.15 0.60 0.00	25.97 -0.01 0.00	29.58 0.27 0.00	27.85 0.22 0.00	30.76 0.13 0.00	28.45 -0.16 0.00	27.98 -0.13 0.00	31.45 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.52 0.00
BETHLHEM_115KV_TB1 79974	21.06 0.24 0.00	19.02 0.17 0.00	17.55 0.19 0.00	16.54 0.19 0.00	16.16 0.20 0.00	18.18 0.15 0.00	18.42 0.19 0.00	17.82 0.14 0.00	18.85 0.14 0.00	19.90 0.16 0.00	24.93 0.21 0.00	29.32 0.28 0.00	26.67 0.34 0.00	25.87 0.32 0.00	26.44 0.46 0.00	29.70 0.39 0.00	27.99 0.36 0.00	31.08 0.45 0.00	29.18 0.57 0.00	28.75 0.64 0.00	32.14 0.56 0.00	31.02 0.59 0.00	27.03 0.36 0.00	24.03 0.29 0.00
BETHPAGE_CC_5 323564	22.27 1.46 0.00	19.90 1.06 0.00	18.31 0.95 0.00	17.29 0.94 0.00	16.89 0.93 0.00	19.00 0.97 0.00	19.33 1.11 0.00	18.80 1.12 0.00	19.99 1.28 0.00	21.18 1.44 0.00	26.83 2.11 0.00	31.61 2.57 0.00	29.98 2.54 -1.12	30.91 2.42 -2.95	30.99 2.58 -2.43	32.34 2.96 -0.07	30.44 2.79 -0.02	33.55 2.92 0.00	31.33 2.72 0.00	30.70 2.59 0.00	34.21 2.62 0.00	33.00 2.56 -0.01	28.73 2.07 0.00	25.45 1.71 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.13 0.32 0.00	18.98 0.13 0.00	17.36 -0.01 0.00	16.28 -0.07 0.00	15.90 -0.06 0.00	18.22 0.19 0.00	18.51 0.29 0.00	18.04 0.37 0.00	19.20 0.49 0.00	20.41 0.66 0.00	25.70 0.98 0.00	29.72 0.68 0.00	26.75 0.42 0.00	26.23 0.69 0.00	26.07 0.08 0.00	29.69 0.38 0.00	27.96 0.33 0.00	30.88 0.25 0.00	28.54 -0.06 0.00	28.09 -0.02 0.00	31.56 -0.02 0.00	30.23 -0.19 0.00	26.65 -0.01 0.00	24.33 0.58 0.00
BINGHAMTON___COGEN 23790	21.09 0.28 0.00	19.01 0.16 0.00	17.53 0.17 0.00	16.51 0.16 0.00	16.10 0.14 0.00	18.25 0.22 0.00	18.49 0.26 0.00	17.99 0.32 0.00	19.08 0.38 0.00	20.18 0.44 0.00	25.44 0.68 -0.04	29.80 0.67 -0.09	27.00 0.53 -0.14	26.13 0.58 0.00	26.46 0.48 0.00	29.98 0.67 0.00	28.27 0.64 0.00	31.65 0.73 -0.28	29.20 0.59 0.00	29.17 0.61 -0.45	32.17 0.59 0.00	30.87 0.44 0.00	27.02 0.36 0.00	24.19 0.45 0.00
BIXINCNT_115KV_LOAD 355685	21.23 0.42 0.00	19.04 0.20 0.00	17.42 0.05 0.00	16.34 -0.01 0.00	15.95 -0.02 0.00	18.26 0.23 0.00	18.60 0.38 0.00	18.19 0.52 0.00	19.45 0.75 0.00	20.67 0.92 0.00	26.09 1.37 0.00	30.19 1.15 0.00	27.09 0.76 0.00	26.47 0.92 0.00	26.41 0.43 0.00	30.08 0.77 0.00	28.25 0.62 0.00	31.10 0.47 0.00	28.72 0.11 0.00	28.16 0.05 0.00	31.68 0.09 0.00	30.33 -0.10 0.00	26.77 0.11 0.00	24.36 0.62 0.00
BLACK RIVER___HYD 24047	21.20 0.39 0.00	19.14 0.30 0.00	17.61 0.24 0.00	16.50 0.15 0.00	16.14 0.18 0.00	18.32 0.29 0.00	18.59 0.36 0.00	17.91 0.24 0.00	18.84 0.13 0.00	19.69 -0.06 0.00	24.57 -0.21 -0.06	28.89 -0.28 -0.14	26.29 -0.25 -0.21	25.42 -0.12 0.00	25.87 -0.11 0.00	29.19 -0.12 0.00	27.53 -0.10 0.00	31.03 -0.02 -0.41	28.85 0.24 0.00	29.18 0.40 -0.67	32.51 0.92 0.00	31.53 1.10 0.00	27.49 0.82 0.00	24.50 0.76 0.00

BLACKRVR_115KV_TB2 79977	21.20 0.39 0.00	19.15 0.30 0.00	17.61 0.24 0.00	16.50 0.15 0.00	16.14 0.18 0.00	18.32 0.29 0.00	18.59 0.36 0.00	17.91 0.24 0.00	18.84 0.13 0.00	19.69 -0.06 0.00	24.57 -0.21 -0.06	28.89 -0.29 -0.14	26.29 -0.25 -0.21	25.42 -0.12 0.00	25.87 -0.11 0.00	29.19 -0.12 0.00	27.53 -0.10 0.00	31.03 -0.02 -0.41	28.85 0.24 0.00	29.18 0.40 -0.67	32.51 0.92 0.00	31.53 1.10 0.00	27.49 0.82 0.00	24.50 0.76 0.00
BLISS_WT_PWR 323608	21.22 0.41 0.00	19.02 0.18 0.00	17.39 0.02 0.00	16.31 -0.04 0.00	15.92 -0.05 0.00	18.23 0.20 0.00	18.58 0.35 0.00	18.18 0.51 0.00	19.45 0.75 0.00	20.67 0.93 0.00	26.10 1.39 0.00	30.20 1.16 0.00	27.09 0.76 0.00	26.47 0.93 0.00	26.43 0.44 0.00	30.08 0.77 0.00	28.23 0.61 0.00	31.05 0.41 0.00	28.65 0.04 0.00	28.09 -0.02 0.00	31.59 0.00 0.00	30.24 -0.19 0.00	26.70 0.04 0.00	24.30 0.56 0.00
BLUE_CIRC_CHEM_DRP 24182	21.34 0.53 0.00	19.28 0.44 0.00	17.80 0.43 0.00	16.78 0.43 0.00	16.40 0.43 0.00	18.44 0.41 0.00	18.67 0.45 0.00	18.09 0.41 0.00	19.11 0.40 0.00	20.16 0.42 0.00	25.24 0.52 0.00	29.62 0.58 0.00	26.91 0.58 0.00	26.10 0.56 0.00	26.67 0.69 0.00	29.98 0.67 0.00	28.24 0.61 0.00	31.37 0.74 0.00	29.45 0.84 0.00	29.04 0.92 0.00	32.50 0.91 0.00	31.38 0.95 0.00	27.35 0.69 0.00	24.35 0.60 0.00
BOC_GAS_DRP 24189	21.24 0.43 0.00	19.18 0.34 0.00	17.71 0.35 0.00	16.69 0.34 0.00	16.30 0.34 0.00	18.34 0.31 0.00	18.59 0.36 0.00	17.99 0.32 0.00	19.04 0.33 0.00	20.11 0.36 0.00	25.20 0.48 0.00	29.63 0.60 0.00	26.94 0.61 0.00	26.13 0.59 0.00	26.69 0.71 0.00	30.00 0.69 0.00	28.26 0.63 0.00	31.35 0.71 0.00	29.40 0.79 0.00	28.94 0.84 0.00	32.38 0.79 0.00	31.24 0.82 0.00	27.25 0.59 0.00	24.24 0.50 0.00
BOONVILLE_115KV_TB1 79983	21.22 0.41 0.00	19.18 0.34 0.00	17.67 0.31 0.00	16.62 0.27 0.00	16.24 0.28 0.00	18.39 0.36 0.00	18.62 0.40 0.00	18.02 0.34 0.00	19.04 0.34 0.00	20.04 0.29 0.00	25.06 0.33 -0.02	29.46 0.37 -0.04	26.72 0.33 -0.06	25.91 0.37 0.00	26.37 0.38 0.00	29.75 0.44 0.00	28.08 0.45 0.00	31.35 0.58 -0.13	29.28 0.68 0.00	29.10 0.78 -0.21	32.56 0.97 0.00	31.37 0.94 0.00	27.41 0.74 0.00	24.39 0.64 0.00
BORALEX_4TH_BRANCH 23824	21.53 0.72 0.00	19.58 0.73 0.00	18.07 0.70 0.00	17.05 0.70 0.00	16.67 0.71 0.00	18.74 0.72 0.00	18.92 0.70 0.00	18.30 0.62 0.00	19.24 0.53 0.00	20.28 0.54 0.00	25.34 0.62 0.00	29.76 0.72 0.00	27.07 0.74 0.00	26.23 0.69 0.00	26.86 0.88 0.00	29.90 0.59 0.00	28.13 0.50 0.00	31.28 0.64 0.00	29.53 0.92 0.00	29.38 1.27 0.00	32.77 1.19 0.00	31.67 1.25 0.00	27.54 0.88 0.00	24.50 0.76 0.00
BOWLINE___1 23526	21.73 0.92 0.00	19.53 0.69 0.00	18.02 0.66 0.00	16.99 0.64 0.00	16.57 0.60 0.00	18.67 0.64 0.00	19.01 0.78 0.00	18.43 0.75 0.00	19.53 0.83 0.00	20.70 0.95 0.00	26.08 1.37 0.00	30.76 1.72 0.00	28.04 1.71 0.00	27.17 1.63 0.00	27.78 1.80 0.00	31.36 2.05 0.00	29.58 1.95 0.00	32.72 2.09 0.00	30.56 1.95 0.00	29.97 1.86 0.00	33.38 1.79 0.00	32.08 1.66 0.00	28.00 1.34 0.00	24.89 1.15 0.00
BOWLINE___2 23595	21.73 0.92 0.00	19.53 0.69 0.00	18.02 0.66 0.00	16.99 0.64 0.00	16.57 0.60 0.00	18.67 0.64 0.00	19.01 0.78 0.00	18.43 0.75 0.00	19.53 0.83 0.00	20.70 0.95 0.00	26.08 1.37 0.00	30.77 1.73 0.00	28.04 1.71 0.00	27.18 1.64 0.00	27.78 1.80 0.00	31.36 2.05 0.00	29.58 1.95 0.00	32.72 2.09 0.00	30.57 1.96 0.00	29.97 1.86 0.00	33.38 1.79 0.00	32.08 1.66 0.00	28.00 1.34 0.00	24.89 1.15 0.00
BRADY___115KV_TB2 356060	20.89 0.08 0.00	19.03 0.19 0.00	17.51 0.15 0.00	16.47 0.12 0.00	16.08 0.12 0.00	18.20 0.17 0.00	18.33 0.11 0.00	17.69 0.02 0.00	18.70 -0.01 0.00	19.72 -0.02 0.00	24.66 -0.06 0.00	29.02 -0.02 0.00	26.26 -0.07 0.00	25.48 -0.06 0.00	25.87 -0.11 0.00	29.20 -0.11 0.00	27.47 -0.16 0.00	30.42 -0.21 0.00	28.32 -0.29 0.00	27.82 -0.29 0.00	31.60 0.01 0.00	30.55 0.13 0.00	26.97 0.31 0.00	23.87 0.13 0.00
BRANSCOMB___SOLAR 323811	21.76 0.95 0.00	19.65 0.80 0.00	18.12 0.76 0.00	17.08 0.73 0.00	16.69 0.73 0.00	18.80 0.77 0.00	19.09 0.86 0.00	18.46 0.78 0.00	19.43 0.72 0.00	20.48 0.74 0.00	25.55 0.83 0.00	29.99 0.95 0.00	27.26 0.93 0.00	26.36 0.82 0.00	26.97 0.99 0.00	30.32 1.01 0.00	28.59 0.96 0.00	31.84 1.21 0.00	30.13 1.52 0.00	29.85 1.73 0.00	33.34 1.75 0.00	32.13 1.70 0.00	27.98 1.32 0.00	24.85 1.11 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	22.36 1.55 0.00	19.98 1.14 0.00	18.38 1.02 0.00	17.37 1.02 0.00	16.98 1.02 0.00	19.09 1.06 0.00	19.41 1.18 0.00	18.89 1.21 0.00	20.09 1.39 0.00	21.28 1.54 0.00	26.98 2.26 0.00	31.79 2.75 0.00	30.13 2.68 -1.12	31.06 2.56 -2.95	31.21 2.80 -2.43	32.63 3.25 -0.07	30.69 3.04 -0.02	33.66 3.02 0.00	31.44 2.83 0.00	30.82 2.71 0.00	34.31 2.73 0.00	33.16 2.73 -0.01	28.89 2.23 0.00	25.56 1.81 0.00
BRISTLHL_115KV_TB1 79998	20.58 -0.23 0.00	18.58 -0.26 0.00	17.10 -0.26 0.00	16.09 -0.26 0.00	15.72 -0.25 0.00	17.80 -0.23 0.00	18.00 -0.23 0.00	17.43 -0.25 0.00	18.45 -0.25 0.00	19.46 -0.29 0.00	24.52 -0.39 -0.19	28.98 -0.50 -0.44	26.52 -0.47 -0.67	25.14 -0.40 0.00	25.49 -0.49 0.00	28.81 -0.50 0.00	27.20 -0.43 0.00	31.51 -0.44 -1.31	28.20 -0.41 0.00	29.84 -0.39 -2.12	31.12 -0.46 0.00	29.92 -0.50 0.00	26.18 -0.48 0.00	23.46 -0.29 0.00
BROOKHAVEN___DRP 24191	22.10 1.29 0.00	19.76 0.91 0.00	18.17 0.81 0.00	17.21 0.87 0.00	16.87 0.91 0.00	18.91 0.88 0.00	19.17 0.95 0.00	18.67 0.99 0.00	19.86 1.16 0.00	21.02 1.27 0.00	26.57 1.85 0.00	31.33 2.30 0.00	29.73 2.28 -1.12	30.66 2.17 -2.95	30.84 2.43 -2.43	32.23 2.86 -0.07	30.33 2.68 -0.02	33.31 2.67 0.00	31.10 2.49 0.00	30.53 2.42 0.00	33.97 2.38 0.00	32.74 2.30 -0.01	28.56 1.89 0.00	25.25 1.50 0.00
BROOKLYN_NAVY_YARD 23515	21.92 1.11 0.00	19.70 0.86 0.00	18.20 0.83 0.00	17.17 0.82 0.00	16.73 0.76 0.00	18.83 0.80 0.00	19.21 0.98 0.00	18.62 0.95 0.00	19.74 1.03 0.00	20.94 1.20 0.00	26.33 1.61 0.00	31.01 1.98 0.00	28.35 2.02 0.00	27.46 1.92 0.00	28.09 2.11 0.00	31.72 2.41 0.00	29.92 2.28 0.00	33.00 2.37 0.00	30.79 2.19 0.00	30.19 2.08 0.00	33.60 2.01 0.00	32.31 1.88 0.00	28.27 1.61 0.00	25.12 1.38 0.00
BROOKLYN___ARMY_DRP 323595	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00

BROOKVLE_69_KV_TB1 55790	22.23 1.42 0.00	19.91 1.06 0.00	18.33 0.97 0.00	17.29 0.94 0.00	16.88 0.92 0.00	19.00 0.97 0.00	19.34 1.12 0.00	18.80 1.13 0.00	19.98 1.28 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.60 2.56 0.00	29.94 2.50 -1.12	30.90 2.40 -2.95	30.97 2.56 -2.43	32.28 2.90 -0.07	30.39 2.74 -0.02	33.53 2.89 0.00	31.28 2.67 0.00	30.66 2.55 0.00	34.23 2.65 0.00	32.95 2.52 -0.01	28.68 2.02 0.00	25.43 1.69 0.00
BROOME_2_LFGE 323671	21.09 0.28 0.00	19.01 0.16 0.00	17.53 0.17 0.00	16.51 0.16 0.00	16.10 0.14 0.00	18.25 0.22 0.00	18.49 0.27 0.00	17.99 0.32 0.00	19.08 0.38 0.00	20.18 0.44 0.00	25.44 0.68 -0.04	29.80 0.67 -0.09	27.00 0.53 -0.14	26.13 0.58 0.00	26.46 0.48 0.00	29.98 0.66 0.00	28.27 0.64 0.00	31.65 0.73 -0.28	29.20 0.59 0.00	29.17 0.61 -0.45	32.17 0.59 0.00	30.87 0.44 0.00	27.02 0.36 0.00	24.19 0.45 0.00
BROOME__LFGE 323600	21.09 0.28 0.00	19.01 0.16 0.00	17.53 0.17 0.00	16.51 0.16 0.00	16.10 0.14 0.00	18.25 0.22 0.00	18.49 0.27 0.00	17.99 0.32 0.00	19.08 0.38 0.00	20.18 0.44 0.00	25.44 0.68 -0.04	29.80 0.67 -0.09	27.00 0.53 -0.14	26.13 0.58 0.00	26.46 0.48 0.00	29.98 0.66 0.00	28.27 0.64 0.00	31.65 0.73 -0.28	29.20 0.59 0.00	29.17 0.61 -0.45	32.17 0.59 0.00	30.87 0.44 0.00	27.02 0.36 0.00	24.19 0.45 0.00
BROWNFLS_115KV_TB_3_5 80003	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.07 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.27 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.02 0.00	30.62 0.19 0.00	26.98 0.32 0.00	23.98 0.24 0.00
BROWNSV1_27_KV_LOAD 356125	22.18 1.37 0.00	19.92 1.08 0.00	18.39 1.03 0.00	17.34 0.99 0.00	16.89 0.93 0.00	19.02 1.00 0.00	19.41 1.19 0.00	18.83 1.16 0.00	19.98 1.28 0.00	21.20 1.46 0.00	26.68 1.96 0.00	31.45 2.41 0.00	28.72 2.39 0.00	27.83 2.28 0.00	28.46 2.48 0.00	32.15 2.83 0.00	30.31 2.68 0.00	33.45 2.82 0.00	31.21 2.61 0.00	30.61 2.50 0.00	34.06 2.48 0.00	32.74 2.31 0.00	28.62 1.95 0.00	25.42 1.68 0.00
BURROWS__LYONSDAL 23803	21.20 0.39 0.00	19.17 0.32 0.00	17.65 0.28 0.00	16.60 0.25 0.00	16.22 0.26 0.00	18.37 0.34 0.00	18.60 0.38 0.00	17.98 0.31 0.00	18.99 0.28 0.00	19.97 0.22 0.00	24.95 0.21 -0.02	29.33 0.24 -0.05	26.62 0.21 -0.08	25.80 0.26 0.00	26.25 0.27 0.00	29.62 0.31 0.00	27.95 0.32 0.00	31.23 0.45 -0.15	29.17 0.57 0.00	29.04 0.68 -0.24	32.50 0.91 0.00	31.34 0.91 0.00	27.40 0.73 0.00	24.37 0.63 0.00
CAITHNESS_CC_1 323624	22.10 1.29 0.00	19.76 0.91 0.00	18.18 0.81 0.00	17.21 0.86 0.00	16.86 0.89 0.00	18.90 0.88 0.00	19.17 0.95 0.00	18.67 0.99 0.00	19.86 1.16 0.00	21.02 1.27 0.00	26.57 1.86 0.00	31.33 2.29 0.00	29.72 2.27 -1.12	30.65 2.16 -2.95	30.82 2.41 -2.43	32.22 2.84 -0.07	30.29 2.65 -0.02	33.27 2.63 0.00	31.07 2.46 0.00	30.48 2.38 0.00	33.94 2.35 0.00	32.71 2.28 -0.01	28.54 1.88 0.00	25.25 1.50 0.00
CALPINE BETH_PAGE_GT4 24209	22.27 1.46 0.00	19.91 1.07 0.00	18.31 0.95 0.00	17.29 0.94 0.00	16.89 0.93 0.00	19.00 0.98 0.00	19.33 1.11 0.00	18.80 1.12 0.00	19.97 1.26 0.00	21.16 1.42 0.00	26.80 2.08 0.00	31.58 2.54 0.00	29.96 2.51 -1.12	30.89 2.39 -2.95	30.92 2.50 -2.43	32.26 2.88 -0.07	30.36 2.71 -0.02	33.48 2.84 0.00	31.25 2.64 0.00	30.63 2.52 0.00	34.13 2.55 0.00	32.97 2.53 -0.01	28.70 2.04 0.00	25.46 1.71 0.00
CALPINE_BETH_PAGE_GT_4 323586	22.27 1.46 0.00	19.91 1.07 0.00	18.31 0.95 0.00	17.29 0.94 0.00	16.89 0.93 0.00	19.00 0.98 0.00	19.33 1.11 0.00	18.80 1.12 0.00	19.97 1.26 0.00	21.16 1.42 0.00	26.80 2.08 0.00	31.58 2.54 0.00	29.95 2.51 -1.12	30.89 2.39 -2.95	30.91 2.50 -2.43	32.26 2.88 -0.07	30.36 2.71 -0.02	33.48 2.84 0.00	31.25 2.64 0.00	30.63 2.52 0.00	34.13 2.55 0.00	32.97 2.54 -0.01	28.70 2.04 0.00	25.46 1.71 0.00
CALPINE_BP_GT1 23823	22.27 1.46 0.00	19.91 1.07 0.00	18.31 0.95 0.00	17.29 0.94 0.00	16.89 0.93 0.00	19.00 0.98 0.00	19.33 1.11 0.00	18.80 1.12 0.00	19.97 1.26 0.00	21.16 1.42 0.00	26.80 2.08 0.00	31.58 2.54 0.00	29.95 2.51 -1.12	30.89 2.39 -2.95	30.91 2.50 -2.43	32.26 2.88 -0.07	30.36 2.71 -0.02	33.48 2.84 0.00	31.25 2.64 0.00	30.63 2.52 0.00	34.13 2.55 0.00	32.97 2.54 -0.01	28.70 2.04 0.00	25.46 1.71 0.00
CALSPAN__DRP 24200	21.08 0.28 0.00	18.94 0.10 0.00	17.32 -0.04 0.00	16.25 -0.09 0.00	15.87 -0.09 0.00	18.18 0.16 0.00	18.48 0.25 0.00	18.00 0.33 0.00	19.16 0.45 0.00	20.35 0.60 0.00	25.62 0.91 0.00	29.63 0.59 0.00	26.66 0.33 0.00	26.15 0.60 0.00	25.97 -0.01 0.00	29.58 0.27 0.00	27.85 0.22 0.00	30.76 0.13 0.00	28.45 -0.16 0.00	27.98 -0.13 0.00	31.45 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.52 0.00
CALVERTON__SOLAR 323806	22.13 1.32 0.00	19.78 0.94 0.00	18.19 0.83 0.00	17.24 0.90 0.00	16.90 0.94 0.00	18.94 0.91 0.00	19.20 0.97 0.00	18.70 1.02 0.00	19.89 1.19 0.00	21.06 1.31 0.00	26.62 1.90 0.00	31.39 2.35 0.00	29.78 2.33 -1.12	30.72 2.22 -2.95	30.90 2.49 -2.43	32.32 2.94 -0.07	30.41 2.76 -0.02	33.41 2.77 0.00	31.20 2.60 0.00	30.61 2.49 0.00	34.07 2.48 0.00	32.81 2.38 -0.01	28.61 1.95 0.00	25.28 1.54 0.00
CANDIGU_WT_PWR 323617	21.08 0.27 0.00	18.94 0.10 0.00	17.42 0.06 0.00	16.37 0.02 0.00	15.94 -0.02 0.00	18.21 0.18 0.00	18.45 0.23 0.00	18.00 0.32 0.00	19.18 0.47 0.00	20.35 0.60 0.00	25.69 0.96 -0.02	29.88 0.79 -0.05	26.91 0.50 -0.08	26.18 0.64 0.00	26.27 0.29 0.00	29.81 0.50 0.00	28.04 0.41 0.00	31.16 0.37 -0.15	28.68 0.07 0.00	28.50 0.15 -0.25	31.60 0.01 0.00	30.12 -0.30 0.00	26.46 -0.21 0.00	23.94 0.20 0.00
CARR STREET_E_SYR 24060	20.78 -0.03 0.00	18.76 -0.09 0.00	17.26 -0.10 0.00	16.24 -0.11 0.00	15.86 -0.10 0.00	17.96 -0.07 0.00	18.18 -0.05 0.00	17.61 -0.06 0.00	18.65 -0.05 0.00	19.69 -0.06 0.00	24.70 -0.08 -0.06	29.03 -0.14 -0.13	26.36 -0.16 -0.19	25.41 -0.14 0.00	25.70 -0.28 0.00	29.06 -0.26 0.00	27.42 -0.21 0.00	30.81 -0.20 -0.37	28.40 -0.21 0.00	28.52 -0.20 -0.60	31.31 -0.27 0.00	30.09 -0.33 0.00	26.40 -0.26 0.00	23.72 -0.02 0.00
CARTHAGE__PAPER 23857	21.24 0.43 0.00	19.21 0.36 0.00	17.67 0.31 0.00	16.58 0.23 0.00	16.21 0.25 0.00	18.39 0.36 0.00	18.64 0.41 0.00	17.95 0.28 0.00	18.89 0.19 0.00	19.75 0.00 0.00	24.62 -0.15 -0.05	28.96 -0.20 -0.12	26.32 -0.19 -0.18	25.48 -0.06 0.00	25.92 -0.06 0.00	29.25 -0.06 0.00	27.57 -0.06 0.00	31.03 0.05 -0.35	28.90 0.29 0.00	29.14 0.47 -0.56	32.54 0.95 0.00	31.52 1.09 0.00	27.55 0.89 0.00	24.52 0.77 0.00

CASSADAGA_WT_PWR 323784	21.23 0.42 0.00	19.01 0.16 0.00	17.38 0.02 0.00	16.32 -0.03 0.00	15.88 -0.08 0.00	18.28 0.25 0.00	18.73 0.51 0.00	18.45 0.78 0.00	19.78 1.07 0.00	21.06 1.31 0.00	26.66 1.94 0.00	30.89 1.85 0.00	27.63 1.30 0.00	27.07 1.53 0.00	27.00 1.02 0.00	30.79 1.48 0.00	28.98 1.35 0.00	32.01 1.37 0.00	29.48 0.87 0.00	28.75 0.64 0.00	32.12 0.54 0.00	30.74 0.31 0.00	27.00 0.34 0.00	24.41 0.66 0.00
CE_DUNWOOD___DRP 24194	21.88 1.06 0.00	19.66 0.81 0.00	18.14 0.77 0.00	17.10 0.75 0.00	16.68 0.71 0.00	18.78 0.75 0.00	19.13 0.91 0.00	18.55 0.88 0.00	19.67 0.97 0.00	20.85 1.11 0.00	26.26 1.54 0.00	30.95 1.91 0.00	28.22 1.89 0.00	27.36 1.81 0.00	27.98 2.00 0.00	31.58 2.27 0.00	29.78 2.14 0.00	32.92 2.28 0.00	30.74 2.13 0.00	30.15 2.04 0.00	33.58 1.99 0.00	32.30 1.87 0.00	28.19 1.53 0.00	25.05 1.30 0.00
CE_MILLWOOD___DRP 24193	21.83 1.02 0.00	19.62 0.78 0.00	18.10 0.74 0.00	17.07 0.72 0.00	16.65 0.68 0.00	18.75 0.72 0.00	19.10 0.87 0.00	18.52 0.84 0.00	19.63 0.92 0.00	20.80 1.05 0.00	26.19 1.47 0.00	30.88 1.84 0.00	28.15 1.82 0.00	27.29 1.74 0.00	27.90 1.92 0.00	31.49 2.18 0.00	29.70 2.07 0.00	32.84 2.20 0.00	30.67 2.06 0.00	30.09 1.97 0.00	33.51 1.93 0.00	32.23 1.81 0.00	28.13 1.47 0.00	25.00 1.26 0.00
CE_NYC2_DRP 24202	21.99 1.18 0.00	19.78 0.94 0.00	18.26 0.90 0.00	17.22 0.87 0.00	16.79 0.82 0.00	18.90 0.87 0.00	19.29 1.07 0.00	18.70 1.03 0.00	19.84 1.13 0.00	21.04 1.29 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.48 2.15 0.00	27.62 2.07 0.00	28.24 2.26 0.00	31.88 2.56 0.00	30.05 2.41 0.00	33.13 2.49 0.00	30.92 2.31 0.00	30.33 2.22 0.00	33.75 2.16 0.00	32.47 2.04 0.00	28.36 1.70 0.00	25.20 1.46 0.00
CE_NYC_DRP 24195	21.98 1.17 0.00	19.75 0.91 0.00	18.23 0.87 0.00	17.19 0.85 0.00	16.76 0.79 0.00	18.86 0.83 0.00	19.24 1.02 0.00	18.66 0.98 0.00	19.79 1.09 0.00	20.99 1.25 0.00	26.42 1.70 0.00	31.12 2.09 0.00	28.43 2.09 0.00	27.54 1.99 0.00	28.16 2.18 0.00	31.81 2.50 0.00	29.99 2.35 0.00	33.10 2.46 0.00	30.87 2.27 0.00	30.30 2.19 0.00	33.71 2.13 0.00	32.40 1.98 0.00	28.33 1.66 0.00	25.18 1.43 0.00
CHAFFEE___LFGE 323603	21.14 0.33 0.00	18.98 0.14 0.00	17.35 -0.02 0.00	16.28 -0.07 0.00	15.90 -0.07 0.00	18.21 0.18 0.00	18.51 0.29 0.00	18.05 0.38 0.00	19.23 0.52 0.00	20.43 0.68 0.00	25.73 1.02 0.00	29.77 0.73 0.00	26.78 0.45 0.00	26.27 0.73 0.00	26.12 0.14 0.00	29.76 0.44 0.00	28.01 0.38 0.00	30.94 0.31 0.00	28.60 -0.01 0.00	28.15 0.03 0.00	31.63 0.05 0.00	30.29 -0.13 0.00	26.70 0.03 0.00	24.35 0.60 0.00
CHATEAUG_35_KV_LOAD 355732	21.15 0.34 0.00	19.28 0.44 0.00	17.76 0.40 0.00	16.72 0.38 0.00	16.33 0.37 0.00	18.49 0.46 0.00	18.70 0.48 0.00	18.02 0.34 0.00	19.04 0.34 0.00	20.11 0.36 0.00	25.11 0.39 0.00	29.53 0.48 0.00	26.75 0.42 0.00	25.95 0.40 0.00	26.41 0.43 0.00	29.78 0.46 0.00	28.04 0.40 0.00	31.23 0.60 0.00	29.12 0.52 0.00	28.63 0.52 0.00	32.27 0.68 0.00	31.11 0.69 0.00	27.36 0.69 0.00	24.20 0.45 0.00
CHATEAUG_WT_PWR 323614	21.19 0.38 0.00	19.29 0.45 0.00	17.78 0.42 0.00	16.74 0.39 0.00	16.36 0.40 0.00	18.52 0.49 0.00	18.73 0.51 0.00	18.03 0.36 0.00	19.07 0.37 0.00	20.14 0.40 0.00	25.15 0.43 0.00	29.57 0.53 0.00	26.82 0.48 0.00	26.01 0.46 0.00	26.49 0.51 0.00	29.85 0.54 0.00	28.11 0.48 0.00	31.32 0.69 0.00	29.22 0.61 0.00	28.72 0.61 0.00	32.31 0.73 0.00	31.14 0.72 0.00	27.38 0.71 0.00	24.23 0.49 0.00
CHAT_HIGH_FALL_HYD 323578	21.15 0.34 0.00	19.28 0.44 0.00	17.76 0.40 0.00	16.73 0.38 0.00	16.33 0.37 0.00	18.49 0.46 0.00	18.70 0.48 0.00	18.02 0.34 0.00	19.04 0.34 0.00	20.11 0.36 0.00	25.10 0.39 0.00	29.52 0.48 0.00	26.75 0.42 0.00	25.95 0.40 0.00	26.41 0.43 0.00	29.78 0.46 0.00	28.03 0.40 0.00	31.23 0.60 0.00	29.12 0.52 0.00	28.63 0.52 0.00	32.27 0.68 0.00	31.11 0.69 0.00	27.36 0.69 0.00	24.19 0.45 0.00
CHAUTAUQUA___LFGE 323629	21.16 0.35 0.00	18.97 0.13 0.00	17.37 0.01 0.00	16.32 -0.03 0.00	15.91 -0.06 0.00	18.26 0.23 0.00	18.61 0.38 0.00	18.25 0.57 0.00	19.49 0.79 0.00	20.74 1.00 0.00	26.24 1.52 0.00	30.41 1.37 0.00	27.23 0.90 0.00	26.66 1.12 0.00	26.57 0.59 0.00	30.28 0.97 0.00	28.50 0.87 0.00	31.52 0.89 0.00	29.07 0.47 0.00	28.51 0.40 0.00	31.92 0.34 0.00	30.55 0.12 0.00	26.86 0.20 0.00	24.36 0.62 0.00
CHERRYST_13_KV_LD 356241	22.04 1.23 0.00	19.81 0.96 0.00	18.28 0.92 0.00	17.24 0.89 0.00	16.80 0.84 0.00	18.92 0.89 0.00	19.30 1.08 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.24 2.20 0.00	28.53 2.21 0.00	27.65 2.10 0.00	28.28 2.30 0.00	31.93 2.62 0.00	30.11 2.48 0.00	33.23 2.59 0.00	30.98 2.38 0.00	30.39 2.28 0.00	33.81 2.23 0.00	32.51 2.08 0.00	28.41 1.75 0.00	25.25 1.51 0.00
CHESTROR_138KV_BK263 355645	21.63 0.82 0.00	19.46 0.62 0.00	17.95 0.59 0.00	16.92 0.57 0.00	16.50 0.54 0.00	18.60 0.57 0.00	18.92 0.70 0.00	18.33 0.66 0.00	19.43 0.72 0.00	20.56 0.82 0.00	25.88 1.16 0.00	30.51 1.47 0.00	27.79 1.46 0.00	26.93 1.39 0.00	27.53 1.55 0.00	31.08 1.77 0.00	29.32 1.69 0.00	32.47 1.83 0.00	30.35 1.74 0.00	29.78 1.67 0.00	33.21 1.62 0.00	31.93 1.50 0.00	27.86 1.20 0.00	24.76 1.02 0.00
CH_MIDHUDSON___DRP 24192	21.86 1.05 0.00	19.64 0.80 0.00	18.12 0.76 0.00	17.08 0.74 0.00	16.67 0.70 0.00	18.76 0.74 0.00	19.11 0.88 0.00	18.52 0.85 0.00	19.60 0.90 0.00	20.76 1.01 0.00	26.10 1.38 0.00	30.83 1.79 0.00	28.10 1.77 0.00	27.26 1.72 0.00	27.87 1.89 0.00	31.35 2.05 0.00	29.56 1.93 0.00	32.79 2.15 0.00	30.67 2.06 0.00	30.10 1.99 0.00	33.55 1.96 0.00	32.28 1.85 0.00	28.14 1.48 0.00	25.00 1.26 0.00
CH_MISC_IPPS 23765	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.19 0.97 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.08 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.69 2.38 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.15 1.41 0.00
CH_RES_BVR_FALLS 23983	20.63 -0.18 0.00	18.75 -0.10 0.00	17.26 -0.10 0.00	16.23 -0.11 0.00	15.85 -0.11 0.00	17.90 -0.12 0.00	18.09 -0.14 0.00	17.54 -0.14 0.00	18.56 -0.14 0.00	19.59 -0.16 0.00	24.49 -0.23 0.00	28.80 -0.24 0.00	26.09 -0.24 0.00	25.31 -0.24 0.00	25.72 -0.26 0.00	29.02 -0.29 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.25 -0.36 0.00	27.72 -0.39 0.00	31.24 -0.35 0.00	30.12 -0.30 0.00	26.49 -0.18 0.00	23.52 -0.22 0.00

CH_RES_NIAGARA 23895	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.47 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.83 -1.28 0.00	30.22 -1.36 0.00	29.03 -1.40 0.00	25.66 -1.00 0.00	23.64 -0.10 0.00
CH_RES_SYRACUSE 23985	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.89 0.07 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.14 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
CLINTON_WT_PWR 323605	21.19 0.38 0.00	19.29 0.45 0.00	17.78 0.42 0.00	16.74 0.39 0.00	16.36 0.40 0.00	18.52 0.49 0.00	18.73 0.51 0.00	18.03 0.36 0.00	19.07 0.37 0.00	20.14 0.40 0.00	25.15 0.43 0.00	29.57 0.53 0.00	26.82 0.48 0.00	26.01 0.46 0.00	26.49 0.51 0.00	29.85 0.54 0.00	28.11 0.48 0.00	31.32 0.69 0.00	29.22 0.61 0.00	28.72 0.61 0.00	32.31 0.73 0.00	31.14 0.72 0.00	27.38 0.71 0.00	24.23 0.49 0.00
CLINTON___LFGE 323618	21.43 0.62 0.00	19.50 0.65 0.00	17.97 0.60 0.00	16.92 0.57 0.00	16.53 0.57 0.00	18.73 0.70 0.00	18.97 0.75 0.00	18.24 0.57 0.00	19.30 0.59 0.00	20.37 0.62 0.00	25.39 0.67 0.00	29.85 0.81 0.00	27.07 0.74 0.00	26.27 0.73 0.00	26.78 0.79 0.00	30.19 0.88 0.00	28.42 0.79 0.00	31.72 1.09 0.00	29.64 1.03 0.00	29.17 1.06 0.00	32.79 1.21 0.00	31.61 1.18 0.00	27.75 1.09 0.00	24.53 0.79 0.00
COBBLENY_34_KV_TB1 80064	21.14 0.33 0.00	18.98 0.14 0.00	17.35 -0.02 0.00	16.28 -0.07 0.00	15.89 -0.07 0.00	18.21 0.18 0.00	18.51 0.29 0.00	18.05 0.38 0.00	19.23 0.52 0.00	20.43 0.69 0.00	25.73 1.02 0.00	29.76 0.72 0.00	26.78 0.45 0.00	26.27 0.73 0.00	26.12 0.14 0.00	29.76 0.44 0.00	28.01 0.38 0.00	30.94 0.31 0.00	28.60 -0.01 0.00	28.13 0.02 0.00	31.63 0.05 0.00	30.29 -0.13 0.00	26.70 0.04 0.00	24.35 0.60 0.00
COFFEEN___115KV_TB3 355620	21.29 0.48 0.00	19.22 0.37 0.00	17.67 0.31 0.00	16.56 0.22 0.00	16.21 0.24 0.00	18.40 0.37 0.00	18.67 0.45 0.00	17.99 0.32 0.00	18.89 0.18 0.00	19.72 -0.03 0.00	24.59 -0.19 -0.06	28.93 -0.25 -0.14	26.33 -0.21 -0.21	25.45 -0.10 0.00	25.92 -0.06 0.00	29.25 -0.06 0.00	27.60 -0.03 0.00	31.14 0.08 -0.42	28.96 0.36 0.00	29.32 0.53 -0.69	32.74 1.16 0.00	31.76 1.34 0.00	27.68 1.02 0.00	24.66 0.91 0.00
COLDSPRG_115KV_BK1 355956	21.46 0.66 0.00	19.25 0.40 0.00	17.64 0.28 0.00	16.59 0.24 0.00	16.17 0.21 0.00	18.57 0.54 0.00	18.96 0.73 0.00	18.61 0.93 0.00	19.93 1.22 0.00	21.20 1.46 0.00	26.84 2.12 0.00	31.09 2.05 0.00	27.80 1.47 0.00	27.19 1.65 0.00	27.17 1.19 0.00	30.98 1.67 0.00	29.15 1.52 0.00	32.20 1.57 0.00	29.73 1.12 0.00	29.09 0.98 0.00	32.60 1.02 0.00	31.19 0.76 0.00	27.44 0.77 0.00	24.81 1.07 0.00
COLONIE_LFGE___ 323577	21.46 0.65 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.84 0.61 0.00	18.25 0.57 0.00	19.24 0.53 0.00	20.31 0.56 0.00	25.38 0.67 0.00	29.83 0.79 0.00	27.12 0.79 0.00	26.27 0.73 0.00	26.87 0.89 0.00	30.14 0.82 0.00	28.39 0.76 0.00	31.50 0.86 0.00	29.67 1.06 0.00	29.32 1.21 0.00	32.74 1.16 0.00	31.61 1.18 0.00	27.52 0.86 0.00	24.48 0.73 0.00
COOPERNY_115KV_TB1 80082	21.41 0.60 0.00	19.29 0.45 0.00	17.80 0.43 0.00	16.77 0.42 0.00	16.36 0.39 0.00	18.45 0.42 0.00	18.74 0.52 0.00	18.17 0.50 0.00	19.26 0.55 0.00	20.41 0.67 0.00	25.66 0.94 0.00	30.18 1.14 0.00	27.43 1.10 0.00	26.60 1.06 0.00	27.15 1.17 0.00	30.65 1.33 0.00	28.90 1.26 0.00	32.01 1.37 0.00	29.91 1.30 0.00	29.34 1.24 0.00	32.78 1.19 0.00	31.54 1.11 0.00	27.54 0.88 0.00	24.50 0.76 0.00
COPENHAGEN_WT_PWR 323753	21.14 0.33 0.00	19.09 0.24 0.00	17.55 0.19 0.00	16.43 0.09 0.00	16.08 0.12 0.00	18.25 0.23 0.00	18.52 0.29 0.00	17.86 0.18 0.00	18.80 0.10 0.00	19.66 -0.08 0.00	24.55 -0.24 -0.07	28.87 -0.32 -0.15	26.29 -0.27 -0.22	25.39 -0.15 0.00	25.84 -0.14 0.00	29.15 -0.16 0.00	27.47 -0.16 0.00	30.98 -0.11 -0.44	28.75 0.14 0.00	29.10 0.26 -0.72	32.32 0.74 0.00	31.36 0.93 0.00	27.32 0.65 0.00	24.40 0.66 0.00
CORNELL_____ 23752	21.29 0.48 0.00	19.20 0.36 0.00	17.68 0.31 0.00	16.64 0.29 0.00	16.25 0.29 0.00	18.42 0.40 0.00	18.66 0.44 0.00	18.11 0.44 0.00	19.16 0.45 0.00	20.18 0.43 0.00	25.35 0.58 -0.06	29.76 0.59 -0.13	27.05 0.52 -0.20	26.14 0.60 0.00	26.52 0.53 0.00	30.01 0.70 0.00	28.32 0.69 0.00	31.92 0.89 -0.39	29.50 0.90 0.00	29.69 0.95 -0.63	32.59 1.01 0.00	31.28 0.86 0.00	27.32 0.66 0.00	24.42 0.68 0.00
CORONAAV_69_KV_TB1 355595	22.23 1.42 0.00	19.88 1.04 0.00	18.30 0.93 0.00	17.27 0.92 0.00	16.86 0.90 0.00	18.97 0.94 0.00	19.30 1.07 0.00	18.76 1.09 0.00	19.94 1.23 0.00	21.13 1.39 0.00	26.77 2.06 0.00	31.55 2.51 0.00	29.89 2.44 -1.12	30.83 2.33 -2.95	30.95 2.54 -2.43	32.23 2.85 -0.07	30.33 2.69 -0.02	33.48 2.84 0.00	31.27 2.66 0.00	30.71 2.60 0.00	34.21 2.62 0.00	32.94 2.51 -0.01	28.67 2.01 0.00	25.41 1.67 0.00
CORTLAND_115KV_TB3 80093	21.13 0.32 0.00	19.06 0.21 0.00	17.56 0.20 0.00	16.53 0.18 0.00	16.14 0.17 0.00	18.28 0.25 0.00	18.52 0.29 0.00	17.97 0.29 0.00	19.02 0.31 0.00	20.05 0.30 0.00	25.20 0.43 -0.06	29.60 0.43 -0.13	26.90 0.37 -0.20	25.98 0.43 0.00	26.34 0.36 0.00	29.81 0.50 0.00	28.12 0.49 0.00	31.63 0.59 -0.40	29.20 0.59 0.00	29.39 0.63 -0.65	32.26 0.67 0.00	30.98 0.55 0.00	27.08 0.41 0.00	24.20 0.46 0.00
COXSACKIE___GT 23611	21.91 1.10 0.00	19.78 0.93 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.79 0.83 0.00	18.91 0.89 0.00	19.17 0.94 0.00	18.55 0.88 0.00	19.57 0.87 0.00	20.52 0.78 0.00	25.56 0.85 0.00	29.91 0.87 0.00	27.14 0.81 0.00	26.44 0.90 0.00	27.00 1.02 0.00	30.25 0.94 0.00	28.57 0.94 0.00	32.01 1.38 0.00	30.30 1.69 0.00	30.17 2.06 0.00	33.92 2.33 0.00	32.76 2.34 0.00	28.39 1.72 0.00	25.14 1.39 0.00
CPV_VALLEY___CC1 323721	21.47 0.66 0.00	19.32 0.48 0.00	17.83 0.46 0.00	16.81 0.46 0.00	16.39 0.43 0.00	18.47 0.44 0.00	18.80 0.57 0.00	18.21 0.54 0.00	19.30 0.59 0.00	20.42 0.68 0.00	25.70 0.98 0.00	30.28 1.25 0.00	27.57 1.24 0.00	26.74 1.19 0.00	27.31 1.33 0.00	30.83 1.51 0.00	29.07 1.43 0.00	32.17 1.54 0.00	30.07 1.46 0.00	29.50 1.39 0.00	32.91 1.32 0.00	31.66 1.23 0.00	27.63 0.97 0.00	24.57 0.82 0.00

CPV_VALLEY___CC2 323722	21.47 0.66 0.00	19.32 0.48 0.00	17.83 0.46 0.00	16.81 0.46 0.00	16.39 0.43 0.00	18.47 0.44 0.00	18.80 0.57 0.00	18.21 0.54 0.00	19.30 0.59 0.00	20.42 0.68 0.00	25.70 0.98 0.00	30.28 1.25 0.00	27.57 1.24 0.00	26.74 1.19 0.00	27.31 1.33 0.00	30.83 1.51 0.00	29.07 1.43 0.00	32.17 1.54 0.00	30.07 1.46 0.00	29.50 1.39 0.00	32.91 1.32 0.00	31.66 1.23 0.00	27.63 0.97 0.00	24.57 0.82 0.00
CRESCENT___HYD 24018	21.46 0.65 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.84 0.61 0.00	18.25 0.57 0.00	19.24 0.53 0.00	20.31 0.56 0.00	25.38 0.67 0.00	29.83 0.79 0.00	27.12 0.79 0.00	26.27 0.73 0.00	26.87 0.89 0.00	30.14 0.82 0.00	28.39 0.76 0.00	31.50 0.86 0.00	29.67 1.06 0.00	29.32 1.21 0.00	32.74 1.16 0.00	31.61 1.18 0.00	27.52 0.86 0.00	24.48 0.73 0.00
CRICKET___VALLEY_CC1 323756	21.69 0.88 0.00	19.47 0.63 0.00	17.97 0.61 0.00	16.94 0.59 0.00	16.54 0.58 0.00	18.61 0.58 0.00	18.94 0.71 0.00	18.34 0.66 0.00	19.39 0.69 0.00	20.53 0.78 0.00	25.76 1.04 0.00	30.33 1.29 0.00	27.63 1.30 0.00	26.78 1.23 0.00	27.41 1.43 0.00	30.86 1.55 0.00	29.07 1.44 0.00	32.22 1.59 0.00	30.21 1.60 0.00	29.68 1.57 0.00	33.04 1.46 0.00	31.84 1.42 0.00	27.76 1.09 0.00	24.69 0.94 0.00
CRICKET___VALLEY_CC2 323757	21.69 0.88 0.00	19.47 0.63 0.00	17.97 0.61 0.00	16.94 0.59 0.00	16.54 0.58 0.00	18.61 0.58 0.00	18.94 0.71 0.00	18.34 0.66 0.00	19.39 0.69 0.00	20.53 0.78 0.00	25.76 1.04 0.00	30.33 1.29 0.00	27.63 1.30 0.00	26.78 1.23 0.00	27.41 1.43 0.00	30.86 1.55 0.00	29.07 1.44 0.00	32.22 1.59 0.00	30.21 1.60 0.00	29.68 1.57 0.00	33.04 1.46 0.00	31.84 1.42 0.00	27.76 1.09 0.00	24.69 0.94 0.00
CRICKET___VALLEY_CC3 323758	21.69 0.88 0.00	19.47 0.63 0.00	17.97 0.61 0.00	16.94 0.59 0.00	16.54 0.58 0.00	18.61 0.58 0.00	18.94 0.71 0.00	18.34 0.66 0.00	19.39 0.69 0.00	20.53 0.78 0.00	25.76 1.04 0.00	30.33 1.29 0.00	27.63 1.30 0.00	26.78 1.23 0.00	27.41 1.43 0.00	30.86 1.55 0.00	29.07 1.44 0.00	32.22 1.59 0.00	30.21 1.60 0.00	29.68 1.57 0.00	33.04 1.46 0.00	31.84 1.42 0.00	27.76 1.09 0.00	24.69 0.94 0.00
CRUCIBLE_METL_DRP 24180	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
DAHOWA___HYDRO 323763	21.82 1.02 0.00	19.70 0.86 0.00	18.18 0.81 0.00	17.13 0.78 0.00	16.73 0.77 0.00	18.86 0.83 0.00	19.15 0.93 0.00	18.53 0.86 0.00	19.48 0.78 0.00	20.54 0.80 0.00	25.59 0.88 0.00	30.05 1.01 0.00	27.31 0.98 0.00	26.40 0.85 0.00	27.01 1.03 0.00	30.38 1.06 0.00	28.65 1.02 0.00	31.94 1.30 0.00	30.26 1.65 0.00	29.99 1.88 0.00	33.49 1.90 0.00	32.26 1.83 0.00	28.09 1.43 0.00	24.94 1.19 0.00
DANC___LFGE 323619	20.93 0.12 0.00	18.90 0.05 0.00	17.38 0.02 0.00	16.30 -0.05 0.00	15.94 -0.02 0.00	18.09 0.06 0.00	18.33 0.10 0.00	17.72 0.05 0.00	18.69 -0.01 0.00	19.59 -0.15 0.00	24.51 -0.29 -0.08	28.84 -0.39 -0.19	26.28 -0.34 -0.28	25.30 -0.24 0.00	25.72 -0.26 0.00	29.01 -0.30 0.00	27.33 -0.30 0.00	30.93 -0.26 -0.55	28.54 -0.07 0.00	29.04 0.03 -0.90	31.91 0.32 0.00	30.91 0.48 0.00	26.97 0.30 0.00	24.11 0.37 0.00
DANSKAMMER___1 23586	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.19 0.97 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.08 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.69 2.38 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.15 1.41 0.00
DANSKAMMER___2 23589	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.19 0.97 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.08 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.69 2.38 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.15 1.41 0.00
DANSKAMMER___3 23590	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.19 0.97 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.08 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.69 2.38 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.15 1.41 0.00
DANSKAMMER___4 23591	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.19 0.97 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.08 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.69 2.38 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.15 1.41 0.00
DANSKAMMER___DIESEL 23592	21.96 1.15 0.00	19.73 0.89 0.00	18.20 0.83 0.00	17.15 0.80 0.00	16.73 0.77 0.00	18.84 0.82 0.00	19.19 0.96 0.00	18.61 0.93 0.00	19.73 1.02 0.00	20.90 1.15 0.00	26.31 1.59 0.00	31.13 2.09 0.00	28.36 2.03 0.00	27.54 2.00 0.00	28.16 2.18 0.00	31.70 2.39 0.00	29.91 2.28 0.00	33.06 2.43 0.00	30.91 2.31 0.00	30.33 2.22 0.00	33.80 2.22 0.00	32.50 2.07 0.00	28.33 1.66 0.00	25.16 1.41 0.00
DARBY___SOLAR 323810	21.77 0.96 0.00	19.66 0.82 0.00	18.13 0.77 0.00	17.10 0.75 0.00	16.70 0.74 0.00	18.81 0.78 0.00	19.11 0.88 0.00	18.48 0.81 0.00	19.45 0.75 0.00	20.51 0.76 0.00	25.57 0.86 0.00	30.01 0.97 0.00	27.28 0.95 0.00	26.37 0.83 0.00	26.98 1.00 0.00	30.34 1.03 0.00	28.62 0.99 0.00	31.88 1.25 0.00	30.16 1.55 0.00	29.88 1.77 0.00	33.36 1.77 0.00	32.14 1.72 0.00	28.00 1.34 0.00	24.87 1.12 0.00
DASHVILLE___HYD 23610	21.73 0.93 0.00	19.51 0.66 0.00	18.00 0.64 0.00	16.97 0.62 0.00	16.55 0.58 0.00	18.63 0.60 0.00	18.98 0.75 0.00	18.40 0.73 0.00	19.52 0.82 0.00	20.72 0.98 0.00	26.16 1.44 0.00	31.46 2.43 0.00	28.70 2.37 0.00	27.93 2.38 0.00	28.45 2.47 0.00	31.45 2.14 0.00	29.65 2.02 0.00	32.70 2.06 0.00	30.52 1.91 0.00	29.91 1.80 0.00	33.34 1.75 0.00	32.07 1.65 0.00	27.98 1.32 0.00	24.87 1.13 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	22.54 1.73 0.00	20.13 1.29 0.00	18.51 1.15 0.00	17.55 1.20 0.00	17.21 1.25 0.00	19.28 1.26 0.00	19.56 1.33 0.00	19.05 1.38 0.00	20.31 1.60 0.00	21.55 1.80 0.00	27.27 2.56 0.00	32.17 3.14 0.00	30.49 3.05 -1.12	31.41 2.91 -2.95	31.61 3.19 -2.43	33.14 3.76 -0.07	31.19 3.54 -0.02	34.29 3.65 0.00	31.99 3.38 0.00	31.34 3.23 0.00	34.83 3.24 0.00	33.48 3.05 -0.01	29.15 2.49 0.00	25.73 1.99 0.00
DELAWARE___LFGE 323621	21.44 0.63 0.00	19.34 0.50 0.00	17.85 0.48 0.00	16.81 0.46 0.00	16.41 0.44 0.00	18.52 0.49 0.00	18.81 0.58 0.00	18.24 0.57 0.00	19.37 0.67 0.00	20.83 1.08 0.00	26.17 1.43 -0.02	30.16 1.07 -0.05	27.42 1.01 -0.07	26.54 1.00 0.00	27.00 1.02 0.00	30.48 1.16 0.00	28.73 1.10 0.00	31.99 1.20 -0.15	29.76 1.15 0.00	29.47 1.12 -0.24	32.73 1.15 0.00	31.51 1.08 0.00	27.54 0.87 0.00	24.54 0.80 0.00
DERFIELD_115KV_TB7 355931	20.85 0.04 0.00	18.86 0.02 0.00	17.38 0.02 0.00	16.36 0.02 0.00	15.98 0.02 0.00	18.05 0.02 0.00	18.26 0.04 0.00	17.71 0.03 0.00	18.73 0.02 0.00	19.76 0.02 0.00	24.75 0.04 0.00	29.07 0.03 0.00	26.38 0.05 0.00	25.59 0.05 0.00	26.06 0.08 0.00	29.38 0.07 0.00	27.71 0.08 0.00	30.73 0.09 0.00	28.72 0.12 0.00	28.25 0.14 0.00	31.69 0.10 0.00	30.51 0.09 0.00	26.70 0.04 0.00	23.80 0.06 0.00
DOGLEVILLE___HYD 23807	20.48 -0.33 0.00	18.48 -0.36 0.00	17.09 -0.27 0.00	16.12 -0.23 0.00	15.79 -0.17 0.00	17.77 -0.26 0.00	18.01 -0.22 0.00	17.50 -0.18 0.00	18.44 -0.26 0.00	19.42 -0.33 0.00	24.36 -0.36 0.00	28.62 -0.42 0.00	26.07 -0.26 0.00	25.35 -0.19 0.00	26.03 0.05 0.00	29.17 -0.14 0.00	27.48 -0.16 0.00	30.62 -0.02 0.00	28.90 0.29 0.00	28.71 0.60 0.00	31.98 0.40 0.00	30.74 0.31 0.00	26.55 -0.12 0.00	23.50 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	21.14 0.33 0.00	18.97 0.12 0.00	17.37 0.01 0.00	16.32 -0.03 0.00	15.90 -0.06 0.00	18.25 0.22 0.00	18.58 0.36 0.00	18.21 0.54 0.00	19.45 0.75 0.00	20.69 0.94 0.00	26.18 1.46 0.00	30.32 1.28 0.00	27.16 0.83 0.00	26.59 1.05 0.00	26.50 0.52 0.00	30.20 0.89 0.00	28.43 0.80 0.00	31.45 0.81 0.00	29.01 0.40 0.00	28.46 0.35 0.00	31.88 0.30 0.00	30.51 0.08 0.00	26.84 0.18 0.00	24.36 0.61 0.00
DUNKIRK___1 23563	21.14 0.33 0.00	18.97 0.12 0.00	17.37 0.01 0.00	16.32 -0.03 0.00	15.90 -0.06 0.00	18.25 0.22 0.00	18.58 0.36 0.00	18.21 0.54 0.00	19.45 0.75 0.00	20.69 0.94 0.00	26.18 1.46 0.00	30.32 1.28 0.00	27.16 0.83 0.00	26.59 1.05 0.00	26.50 0.52 0.00	30.20 0.89 0.00	28.43 0.80 0.00	31.45 0.81 0.00	29.01 0.40 0.00	28.46 0.35 0.00	31.88 0.30 0.00	30.51 0.08 0.00	26.84 0.18 0.00	24.36 0.61 0.00
DUNKIRK___2 23564	21.14 0.33 0.00	18.97 0.12 0.00	17.37 0.01 0.00	16.32 -0.03 0.00	15.90 -0.06 0.00	18.25 0.22 0.00	18.58 0.36 0.00	18.21 0.54 0.00	19.45 0.75 0.00	20.69 0.94 0.00	26.18 1.46 0.00	30.32 1.28 0.00	27.16 0.83 0.00	26.59 1.05 0.00	26.50 0.52 0.00	30.20 0.89 0.00	28.43 0.80 0.00	31.45 0.81 0.00	29.01 0.40 0.00	28.46 0.35 0.00	31.88 0.30 0.00	30.51 0.08 0.00	26.84 0.18 0.00	24.36 0.61 0.00
DUNKIRK___3 23565	21.08 0.27 0.00	18.92 0.08 0.00	17.34 -0.03 0.00	16.29 -0.06 0.00	15.88 -0.08 0.00	18.20 0.18 0.00	18.52 0.29 0.00	18.11 0.43 0.00	19.31 0.61 0.00	20.54 0.79 0.00	25.96 1.24 0.00	30.07 1.03 0.00	26.96 0.63 0.00	26.39 0.84 0.00	26.28 0.30 0.00	29.94 0.63 0.00	28.19 0.56 0.00	31.18 0.54 0.00	28.78 0.18 0.00	28.26 0.15 0.00	31.71 0.12 0.00	30.34 -0.09 0.00	26.72 0.06 0.00	24.28 0.54 0.00
DUNKIRK___4 23566	21.08 0.27 0.00	18.92 0.08 0.00	17.34 -0.03 0.00	16.29 -0.06 0.00	15.88 -0.08 0.00	18.20 0.18 0.00	18.52 0.29 0.00	18.11 0.43 0.00	19.31 0.61 0.00	20.54 0.79 0.00	25.96 1.24 0.00	30.07 1.03 0.00	26.96 0.63 0.00	26.39 0.84 0.00	26.28 0.30 0.00	29.94 0.63 0.00	28.19 0.56 0.00	31.18 0.54 0.00	28.78 0.18 0.00	28.26 0.15 0.00	31.71 0.12 0.00	30.34 -0.09 0.00	26.72 0.06 0.00	24.28 0.54 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	21.91 1.10 0.00	19.69 0.84 0.00	18.16 0.80 0.00	17.13 0.78 0.00	16.70 0.74 0.00	18.81 0.78 0.00	19.17 0.94 0.00	18.60 0.92 0.00	19.72 1.01 0.00	20.90 1.15 0.00	26.31 1.60 0.00	31.03 1.99 0.00	28.30 1.97 0.00	27.43 1.89 0.00	28.05 2.07 0.00	31.67 2.36 0.00	29.86 2.23 0.00	33.00 2.36 0.00	30.80 2.19 0.00	30.21 2.10 0.00	33.65 2.06 0.00	32.36 1.94 0.00	28.25 1.59 0.00	25.10 1.36 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.76 0.96 0.00	19.56 0.72 0.00	18.05 0.68 0.00	17.01 0.66 0.00	16.59 0.63 0.00	18.69 0.66 0.00	19.03 0.81 0.00	18.45 0.78 0.00	19.56 0.85 0.00	20.72 0.97 0.00	26.08 1.37 0.00	30.85 1.82 0.00	28.11 1.78 0.00	27.28 1.74 0.00	27.87 1.89 0.00	31.38 2.07 0.00	29.62 1.99 0.00	32.74 2.11 0.00	30.60 1.99 0.00	30.02 1.91 0.00	33.47 1.88 0.00	32.18 1.75 0.00	28.06 1.40 0.00	24.93 1.19 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	21.98 1.17 0.00	19.79 0.94 0.00	18.28 0.92 0.00	17.22 0.87 0.00	16.78 0.81 0.00	18.90 0.87 0.00	19.29 1.07 0.00	18.68 1.00 0.00	19.80 1.10 0.00	21.00 1.26 0.00	26.38 1.67 0.00	31.06 2.02 0.00	28.39 2.06 0.00	27.55 2.01 0.00	28.17 2.19 0.00	31.76 2.45 0.00	29.91 2.28 0.00	32.97 2.34 0.00	30.80 2.19 0.00	30.25 2.14 0.00	33.69 2.10 0.00	32.43 2.00 0.00	28.33 1.67 0.00	25.16 1.42 0.00
E179THST_13_KV_LOAD 356214	22.08 1.27 0.00	19.87 1.03 0.00	18.36 0.99 0.00	17.28 0.93 0.00	16.84 0.88 0.00	18.97 0.94 0.00	19.37 1.15 0.00	18.76 1.09 0.00	19.90 1.19 0.00	21.10 1.36 0.00	26.51 1.79 0.00	31.20 2.17 0.00	28.54 2.21 0.00	27.69 2.14 0.00	28.30 2.32 0.00	31.92 2.61 0.00	30.07 2.44 0.00	33.14 2.50 0.00	30.96 2.35 0.00	30.40 2.29 0.00	33.85 2.27 0.00	32.59 2.17 0.00	28.47 1.81 0.00	25.28 1.54 0.00
EAST HAMPTON___GT 23717	22.86 2.05 0.00	20.41 1.57 0.00	18.76 1.40 0.00	17.79 1.44 0.00	17.44 1.48 0.00	19.56 1.53 0.00	19.84 1.61 0.00	19.34 1.66 0.00	20.61 1.91 0.00	21.89 2.15 0.00	27.74 3.02 0.00	32.72 3.68 0.00	30.98 3.53 -1.12	31.85 3.35 -2.95	32.07 3.66 -2.43	33.68 4.31 -0.07	31.72 4.07 -0.02	34.89 4.25 0.00	32.52 3.92 0.00	31.85 3.74 0.00	35.38 3.79 0.00	33.99 3.55 -0.01	29.55 2.89 0.00	26.07 2.33 0.00
EAST RIVER___6 23660	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.84 0.00	16.74 0.77 0.00	18.83 0.81 0.00	19.23 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.98 1.24 0.00	26.41 1.69 0.00	31.12 2.08 0.00	28.42 2.09 0.00	27.54 1.99 0.00	28.17 2.19 0.00	31.82 2.51 0.00	29.99 2.36 0.00	33.10 2.47 0.00	30.87 2.27 0.00	30.29 2.19 0.00	33.71 2.13 0.00	32.40 1.98 0.00	28.35 1.68 0.00	25.18 1.44 0.00

EAST RIVER___7 23524	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.84 0.00	16.74 0.77 0.00	18.83 0.81 0.00	19.23 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.98 1.24 0.00	26.41 1.69 0.00	31.12 2.08 0.00	28.42 2.09 0.00	27.54 1.99 0.00	28.17 2.19 0.00	31.82 2.51 0.00	29.99 2.36 0.00	33.10 2.47 0.00	30.87 2.27 0.00	30.29 2.19 0.00	33.71 2.13 0.00	32.40 1.98 0.00	28.35 1.68 0.00	25.18 1.44 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	21.88 1.06 0.00	19.66 0.81 0.00	18.14 0.77 0.00	17.10 0.75 0.00	16.68 0.71 0.00	18.78 0.75 0.00	19.13 0.91 0.00	18.55 0.88 0.00	19.67 0.97 0.00	20.85 1.11 0.00	26.26 1.54 0.00	30.95 1.91 0.00	28.22 1.89 0.00	27.36 1.81 0.00	27.98 2.00 0.00	31.58 2.27 0.00	29.78 2.14 0.00	32.92 2.28 0.00	30.74 2.13 0.00	30.15 2.04 0.00	33.58 1.99 0.00	32.30 1.87 0.00	28.19 1.53 0.00	25.05 1.30 0.00
EAST_HAMPTON___DIESEL 23722	22.85 2.04 0.00	20.41 1.57 0.00	18.76 1.40 0.00	17.79 1.44 0.00	17.44 1.48 0.00	19.56 1.53 0.00	19.84 1.61 0.00	19.33 1.66 0.00	20.61 1.91 0.00	21.90 2.15 0.00	27.74 3.02 0.00	32.72 3.68 0.00	30.98 3.53 -1.12	31.85 3.35 -2.95	32.08 3.66 -2.43	33.68 4.31 -0.07	31.72 4.07 -0.02	34.89 4.25 0.00	32.53 3.92 0.00	31.85 3.74 0.00	35.38 3.79 0.00	33.99 3.55 -0.01	29.55 2.89 0.00	26.07 2.33 0.00
EAST_PULASKI___ESR 323781	20.74 -0.07 0.00	18.72 -0.12 0.00	17.23 -0.13 0.00	16.19 -0.16 0.00	15.82 -0.14 0.00	17.93 -0.10 0.00	18.16 -0.07 0.00	17.67 0.00 0.00	18.65 -0.05 0.00	19.58 -0.16 0.00	24.54 -0.27 -0.09	28.88 -0.37 -0.22	26.33 -0.33 -0.32	25.30 -0.24 0.00	25.68 -0.30 0.00	28.96 -0.35 0.00	27.30 -0.33 0.00	30.98 -0.30 -0.64	28.44 -0.16 0.00	29.07 -0.08 -1.04	31.68 0.10 0.00	30.65 0.23 0.00	26.76 0.10 0.00	23.95 0.20 0.00
EAST_RIVER___1 323558	21.97 1.17 0.00	19.75 0.91 0.00	18.23 0.87 0.00	17.19 0.85 0.00	16.76 0.79 0.00	18.86 0.83 0.00	19.24 1.02 0.00	18.66 0.98 0.00	19.79 1.09 0.00	20.99 1.25 0.00	26.42 1.70 0.00	31.13 2.08 0.00	28.42 2.09 0.00	27.54 1.99 0.00	28.16 2.18 0.00	31.81 2.50 0.00	29.98 2.35 0.00	33.10 2.46 0.00	30.88 2.27 0.00	30.29 2.19 0.00	33.71 2.13 0.00	32.40 1.98 0.00	28.33 1.67 0.00	25.17 1.43 0.00
EAST_RIVER___2 323559	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.85 0.00	17.18 0.84 0.00	16.74 0.77 0.00	18.83 0.81 0.00	19.23 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.98 1.24 0.00	26.41 1.69 0.00	31.12 2.08 0.00	28.42 2.09 0.00	27.54 1.99 0.00	28.17 2.19 0.00	31.82 2.51 0.00	29.99 2.36 0.00	33.10 2.47 0.00	30.87 2.27 0.00	30.29 2.19 0.00	33.71 2.13 0.00	32.40 1.98 0.00	28.35 1.68 0.00	25.18 1.44 0.00
EAST___DELAWARE_HYD 23607	21.22 0.41 0.00	19.06 0.21 0.00	17.57 0.20 0.00	16.56 0.21 0.00	16.14 0.18 0.00	18.21 0.18 0.00	18.54 0.32 0.00	17.97 0.29 0.00	19.04 0.33 0.00	20.17 0.42 0.00	25.39 0.67 0.00	30.10 1.06 0.00	27.41 1.08 0.00	26.65 1.10 0.00	27.22 1.24 0.00	30.66 1.34 0.00	28.83 1.20 0.00	31.89 1.26 0.00	29.91 1.30 0.00	29.36 1.25 0.00	32.74 1.16 0.00	31.48 1.06 0.00	27.44 0.78 0.00	24.34 0.60 0.00
EIGHT_POINT___WT_PWR 323820	21.23 0.42 0.00	19.07 0.23 0.00	17.51 0.15 0.00	16.45 0.10 0.00	16.05 0.08 0.00	18.35 0.32 0.00	18.60 0.37 0.00	18.16 0.48 0.00	19.40 0.69 0.00	20.59 0.84 0.00	25.98 1.24 -0.02	30.15 1.07 -0.05	27.14 0.73 -0.08	26.43 0.89 0.00	26.47 0.49 0.00	30.04 0.73 0.00	28.28 0.65 0.00	31.36 0.57 -0.15	28.81 0.20 0.00	28.62 0.27 -0.25	31.75 0.17 0.00	30.22 -0.21 0.00	26.56 -0.11 0.00	24.06 0.31 0.00
ELBRIDGE_115KV_TB2 80188	20.80 -0.01 0.00	18.79 -0.05 0.00	17.30 -0.06 0.00	16.28 -0.07 0.00	15.91 -0.06 0.00	18.01 -0.02 0.00	18.23 0.01 0.00	17.67 0.00 0.00	18.68 -0.02 0.00	19.73 -0.02 0.00	24.82 -0.01 -0.11	29.22 -0.07 -0.26	26.61 -0.10 -0.38	25.48 -0.06 0.00	25.87 -0.11 0.00	29.27 -0.05 0.00	27.57 -0.06 0.00	31.40 0.01 -0.76	28.62 0.02 0.00	29.36 0.03 -1.23	31.51 -0.08 0.00	30.30 -0.12 0.00	26.52 -0.14 0.00	23.77 0.03 0.00
ELEC_TRO_TEK 24086	22.11 1.30 0.00	19.78 0.94 0.00	18.21 0.85 0.00	17.18 0.84 0.00	16.78 0.82 0.00	18.88 0.85 0.00	19.21 0.98 0.00	18.67 1.00 0.00	19.84 1.14 0.00	21.03 1.29 0.00	26.61 1.90 0.00	31.36 2.32 0.00	29.72 2.27 -1.12	30.66 2.16 -2.95	30.77 2.36 -2.43	32.08 2.70 -0.07	30.18 2.54 -0.02	33.30 2.66 0.00	31.10 2.49 0.00	30.50 2.39 0.00	33.97 2.38 0.00	32.72 2.29 -0.01	28.49 1.83 0.00	25.25 1.51 0.00
ELLENBURG_WT_PWR 323604	21.19 0.38 0.00	19.29 0.45 0.00	17.78 0.42 0.00	16.74 0.39 0.00	16.36 0.40 0.00	18.52 0.49 0.00	18.73 0.51 0.00	18.03 0.36 0.00	19.07 0.37 0.00	20.14 0.40 0.00	25.15 0.43 0.00	29.57 0.53 0.00	26.82 0.48 0.00	26.01 0.46 0.00	26.49 0.51 0.00	29.85 0.54 0.00	28.11 0.48 0.00	31.32 0.69 0.00	29.22 0.61 0.00	28.72 0.61 0.00	32.31 0.73 0.00	31.14 0.72 0.00	27.38 0.71 0.00	24.23 0.49 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.99 0.18 0.00	18.86 0.02 0.00	17.25 -0.12 0.00	16.18 -0.16 0.00	15.81 -0.15 0.00	18.11 0.09 0.00	18.41 0.18 0.00	17.91 0.24 0.00	19.07 0.36 0.00	20.25 0.50 0.00	25.48 0.77 0.00	29.45 0.41 0.00	26.50 0.17 0.00	25.98 0.44 0.00	25.78 -0.20 0.00	29.35 0.04 0.00	27.65 0.01 0.00	30.54 -0.10 0.00	28.24 -0.37 0.00	27.79 -0.32 0.00	31.25 -0.34 0.00	29.95 -0.48 0.00	26.43 -0.24 0.00	24.15 0.41 0.00
EMPIRE_CC_1 323656	21.19 0.38 0.00	19.18 0.33 0.00	17.70 0.33 0.00	16.68 0.34 0.00	16.30 0.33 0.00	18.31 0.28 0.00	18.52 0.30 0.00	17.88 0.20 0.00	18.87 0.16 0.00	19.94 0.19 0.00	24.95 0.23 0.00	29.34 0.30 0.00	26.69 0.36 0.00	25.87 0.33 0.00	26.47 0.49 0.00	29.66 0.35 0.00	27.93 0.29 0.00	31.00 0.36 0.00	29.16 0.55 0.00	28.77 0.66 0.00	32.12 0.54 0.00	31.05 0.62 0.00	27.04 0.38 0.00	24.07 0.33 0.00
EMPIRE_CC_2 323658	21.19 0.38 0.00	19.18 0.33 0.00	17.70 0.33 0.00	16.68 0.34 0.00	16.30 0.33 0.00	18.31 0.28 0.00	18.52 0.30 0.00	17.88 0.20 0.00	18.87 0.16 0.00	19.94 0.19 0.00	24.95 0.23 0.00	29.34 0.30 0.00	26.69 0.36 0.00	25.87 0.33 0.00	26.47 0.49 0.00	29.66 0.35 0.00	27.93 0.29 0.00	31.00 0.36 0.00	29.16 0.55 0.00	28.77 0.66 0.00	32.12 0.54 0.00	31.05 0.62 0.00	27.04 0.38 0.00	24.07 0.33 0.00
ENORWICH_115KV_TB1 80156	22.20 1.39 0.00	20.00 1.15 0.00	18.41 1.05 0.00	17.28 0.94 0.00	16.91 0.95 0.00	19.23 1.20 0.00	19.54 1.32 0.00	18.97 1.30 0.00	20.06 1.35 0.00	21.05 1.31 0.00	26.36 1.60 -0.04	30.89 1.76 -0.09	28.20 1.72 -0.15	27.28 1.74 0.00	27.59 1.61 0.00	31.25 1.93 0.00	29.53 1.90 0.00	33.36 2.42 -0.30	30.98 2.38 0.00	31.16 2.56 -0.48	34.42 2.83 0.00	32.97 2.54 0.00	28.69 2.03 0.00	25.50 1.76 0.00

ERIE_ST__34_KV_TB1-2 80199	21.18 0.36 0.00	19.01 0.17 0.00	17.40 0.03 0.00	16.33 -0.02 0.00	15.95 -0.02 0.00	18.27 0.24 0.00	18.56 0.34 0.00	18.09 0.42 0.00	19.27 0.56 0.00	20.49 0.74 0.00	25.81 1.10 0.00	29.87 0.83 0.00	26.86 0.53 0.00	26.35 0.81 0.00	26.23 0.25 0.00	29.91 0.59 0.00	28.18 0.55 0.00	31.12 0.48 0.00	28.77 0.17 0.00	28.25 0.14 0.00	31.78 0.19 0.00	30.43 0.01 0.00	26.82 0.15 0.00	24.43 0.68 0.00
ERIE_WT_PWR 323693	21.10 0.29 0.00	18.95 0.11 0.00	17.33 -0.03 0.00	16.27 -0.08 0.00	15.88 -0.08 0.00	18.20 0.17 0.00	18.50 0.28 0.00	18.02 0.34 0.00	19.18 0.47 0.00	20.37 0.62 0.00	25.65 0.93 0.00	29.66 0.62 0.00	26.68 0.34 0.00	26.17 0.63 0.00	26.00 0.02 0.00	29.60 0.29 0.00	27.87 0.24 0.00	30.79 0.15 0.00	28.45 -0.16 0.00	28.00 -0.12 0.00	31.46 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.53 0.00
ESPRGFLD_115KV_TB1 80157	22.14 1.33 0.00	19.98 1.14 0.00	18.40 1.03 0.00	17.30 0.95 0.00	16.90 0.93 0.00	19.18 1.16 0.00	19.53 1.30 0.00	18.93 1.26 0.00	20.06 1.36 0.00	21.11 1.36 0.00	26.47 1.75 0.00	31.11 2.07 0.00	28.15 1.82 0.00	27.34 1.80 0.00	27.67 1.69 0.00	31.34 2.03 0.00	29.62 1.99 0.00	32.85 2.22 0.00	30.67 2.07 0.00	29.98 1.87 0.00	33.74 2.16 0.00	32.40 1.98 0.00	28.44 1.78 0.00	25.37 1.63 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.27 0.46 0.00	19.18 0.34 0.00	17.66 0.30 0.00	16.63 0.28 0.00	16.24 0.28 0.00	18.41 0.38 0.00	18.64 0.42 0.00	18.09 0.41 0.00	19.13 0.43 0.00	20.15 0.41 0.00	25.32 0.55 -0.06	29.73 0.56 -0.14	27.03 0.50 -0.20	26.10 0.56 0.00	26.48 0.50 0.00	29.98 0.67 0.00	28.28 0.65 0.00	31.88 0.83 -0.41	29.46 0.85 0.00	29.67 0.90 -0.66	32.54 0.96 0.00	31.24 0.82 0.00	27.29 0.63 0.00	24.39 0.65 0.00
ETNA____115KV_TB2 80207	21.27 0.46 0.00	19.18 0.34 0.00	17.66 0.30 0.00	16.63 0.28 0.00	16.24 0.28 0.00	18.41 0.38 0.00	18.64 0.42 0.00	18.09 0.41 0.00	19.13 0.43 0.00	20.15 0.41 0.00	25.32 0.55 -0.06	29.73 0.56 -0.14	27.03 0.50 -0.20	26.10 0.56 0.00	26.48 0.50 0.00	29.98 0.67 0.00	28.28 0.65 0.00	31.88 0.83 -0.41	29.46 0.85 0.00	29.67 0.90 -0.66	32.54 0.96 0.00	31.24 0.82 0.00	27.29 0.63 0.00	24.39 0.65 0.00
EUCLID____115KV_TB2 356179	20.67 -0.14 0.00	18.67 -0.17 0.00	17.18 -0.18 0.00	16.17 -0.18 0.00	15.79 -0.17 0.00	17.88 -0.15 0.00	18.09 -0.14 0.00	17.52 -0.15 0.00	18.56 -0.15 0.00	19.57 -0.18 0.00	24.53 -0.23 -0.05	28.81 -0.33 -0.11	26.18 -0.31 -0.16	25.29 -0.25 0.00	25.63 -0.35 0.00	28.98 -0.34 0.00	27.34 -0.29 0.00	30.66 -0.29 -0.32	28.32 -0.29 0.00	28.35 -0.27 -0.51	31.24 -0.35 0.00	30.03 -0.39 0.00	26.30 -0.37 0.00	23.59 -0.15 0.00
E_CANADA_CAP_HY 24051	22.45 1.64 0.00	20.29 1.45 0.00	18.66 1.30 0.00	17.54 1.19 0.00	17.15 1.19 0.00	19.48 1.46 0.00	19.82 1.59 0.00	19.19 1.52 0.00	20.31 1.60 0.00	21.37 1.63 0.00	26.73 2.01 0.00	31.35 2.31 0.00	28.34 2.01 0.00	27.53 1.98 0.00	27.86 1.88 0.00	31.55 2.24 0.00	29.82 2.19 0.00	33.09 2.46 0.00	30.99 2.39 0.00	30.28 2.17 0.00	34.16 2.58 0.00	32.81 2.38 0.00	28.84 2.17 0.00	25.72 1.98 0.00
E_CANADA_MHWK_HY 24050	20.48 -0.33 0.00	18.48 -0.36 0.00	17.09 -0.27 0.00	16.12 -0.23 0.00	15.79 -0.17 0.00	17.77 -0.26 0.00	18.01 -0.22 0.00	17.50 -0.18 0.00	18.44 -0.26 0.00	19.42 -0.33 0.00	24.36 -0.36 0.00	28.62 -0.42 0.00	26.07 -0.26 0.00	25.35 -0.19 0.00	26.03 0.05 0.00	29.17 -0.14 0.00	27.48 -0.16 0.00	30.62 -0.02 0.00	28.90 0.29 0.00	28.71 0.60 0.00	31.98 0.40 0.00	30.74 0.31 0.00	26.55 -0.12 0.00	23.50 -0.24 0.00
E_FISHKILL____LBMP 23776	21.75 0.94 0.00	19.55 0.71 0.00	18.04 0.68 0.00	17.01 0.67 0.00	16.59 0.63 0.00	18.69 0.66 0.00	19.02 0.79 0.00	18.44 0.76 0.00	19.53 0.82 0.00	20.68 0.94 0.00	26.01 1.29 0.00	30.64 1.60 0.00	27.92 1.59 0.00	27.06 1.52 0.00	27.68 1.70 0.00	31.22 1.91 0.00	29.42 1.79 0.00	32.56 1.92 0.00	30.45 1.84 0.00	29.89 1.78 0.00	33.30 1.72 0.00	32.06 1.63 0.00	27.97 1.31 0.00	24.87 1.12 0.00
FALCON____SEABRD_CC1 323796	21.42 0.61 0.00	19.49 0.65 0.00	17.97 0.61 0.00	16.93 0.58 0.00	16.55 0.59 0.00	18.73 0.71 0.00	18.97 0.75 0.00	18.23 0.55 0.00	19.29 0.58 0.00	20.37 0.62 0.00	25.40 0.68 0.00	29.88 0.84 0.00	27.10 0.77 0.00	26.29 0.75 0.00	26.81 0.83 0.00	30.21 0.89 0.00	28.43 0.80 0.00	31.74 1.10 0.00	29.63 1.02 0.00	29.14 1.03 0.00	32.72 1.13 0.00	31.53 1.11 0.00	27.70 1.04 0.00	24.51 0.77 0.00
FALCON____SEABRD_CC2 323797	21.42 0.61 0.00	19.49 0.65 0.00	17.97 0.61 0.00	16.93 0.58 0.00	16.55 0.59 0.00	18.73 0.71 0.00	18.97 0.75 0.00	18.23 0.55 0.00	19.29 0.58 0.00	20.37 0.62 0.00	25.40 0.68 0.00	29.88 0.84 0.00	27.10 0.77 0.00	26.29 0.75 0.00	26.81 0.83 0.00	30.21 0.89 0.00	28.43 0.80 0.00	31.74 1.10 0.00	29.63 1.02 0.00	29.14 1.03 0.00	32.72 1.13 0.00	31.53 1.11 0.00	27.70 1.04 0.00	24.51 0.77 0.00
FAR ROCKAWAY____4 23548	22.40 1.59 0.00	20.03 1.18 0.00	18.43 1.06 0.00	17.38 1.03 0.00	16.97 1.01 0.00	19.09 1.07 0.00	19.43 1.20 0.00	18.90 1.22 0.00	20.09 1.39 0.00	21.32 1.57 0.00	27.02 2.30 0.00	31.84 2.80 0.00	30.14 2.70 -1.12	31.09 2.59 -2.95	31.20 2.79 -2.43	32.32 2.94 -0.07	30.42 2.78 -0.02	33.58 2.94 0.00	31.38 2.77 0.00	30.99 2.88 0.00	34.52 2.93 0.00	33.23 2.79 -0.01	28.91 2.24 0.00	25.61 1.86 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	21.99 1.18 0.00	19.76 0.92 0.00	18.24 0.88 0.00	17.20 0.86 0.00	16.77 0.80 0.00	18.88 0.85 0.00	19.26 1.04 0.00	18.68 1.01 0.00	19.81 1.11 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.45 2.12 0.00	27.57 2.02 0.00	28.18 2.20 0.00	31.84 2.53 0.00	30.01 2.38 0.00	33.13 2.49 0.00	30.91 2.31 0.00	30.32 2.21 0.00	33.74 2.16 0.00	32.43 2.00 0.00	28.35 1.68 0.00	25.19 1.45 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.01 1.20 0.00	19.77 0.93 0.00	18.26 0.89 0.00	17.22 0.87 0.00	16.78 0.81 0.00	18.89 0.86 0.00	19.27 1.05 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.02 1.28 0.00	26.45 1.73 0.00	31.16 2.12 0.00	28.46 2.13 0.00	27.58 2.03 0.00	28.20 2.22 0.00	31.85 2.54 0.00	30.03 2.40 0.00	33.14 2.50 0.00	30.93 2.32 0.00	30.33 2.23 0.00	33.75 2.17 0.00	32.46 2.03 0.00	28.36 1.70 0.00	25.21 1.47 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	21.98 1.17 0.00	19.75 0.91 0.00	18.24 0.87 0.00	17.20 0.85 0.00	16.76 0.80 0.00	18.87 0.84 0.00	19.25 1.03 0.00	18.67 1.00 0.00	19.81 1.10 0.00	21.00 1.26 0.00	26.43 1.71 0.00	31.13 2.10 0.00	28.43 2.10 0.00	27.55 2.01 0.00	28.17 2.20 0.00	31.82 2.51 0.00	30.00 2.37 0.00	33.11 2.47 0.00	30.89 2.29 0.00	30.30 2.19 0.00	33.71 2.13 0.00	32.41 1.99 0.00	28.33 1.67 0.00	25.18 1.43 0.00

FARRAGUT___LBMP 323566	21.96 1.16 0.00	19.74 0.90 0.00	18.23 0.86 0.00	17.18 0.84 0.00	16.75 0.79 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.66 0.98 0.00	19.78 1.08 0.00	20.98 1.24 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.41 2.07 0.00	27.52 1.98 0.00	28.15 2.17 0.00	31.78 2.47 0.00	29.97 2.34 0.00	33.07 2.43 0.00	30.87 2.26 0.00	30.28 2.17 0.00	33.69 2.10 0.00	32.39 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
FENNER___WINDPWR 24204	21.21 0.40 0.00	19.15 0.31 0.00	17.64 0.27 0.00	16.59 0.25 0.00	16.21 0.25 0.00	18.36 0.34 0.00	18.60 0.38 0.00	18.01 0.34 0.00	19.05 0.34 0.00	20.09 0.34 0.00	25.21 0.45 -0.04	29.63 0.49 -0.10	26.92 0.43 -0.15	26.03 0.48 0.00	26.42 0.44 0.00	29.87 0.56 0.00	28.20 0.57 0.00	31.64 0.71 -0.30	29.33 0.72 0.00	29.37 0.78 -0.48	32.45 0.86 0.00	31.18 0.75 0.00	27.22 0.55 0.00	24.26 0.52 0.00
FIBERTEK___ENERGY 23856	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
FITZPATRICK____ 23598	20.39 -0.43 0.00	18.42 -0.43 0.00	16.96 -0.40 0.00	15.96 -0.39 0.00	15.59 -0.37 0.00	17.64 -0.39 0.00	17.83 -0.40 0.00	17.26 -0.42 0.00	18.26 -0.44 0.00	19.26 -0.49 0.00	23.49 -0.66 0.57	26.92 -0.82 1.30	23.64 -0.76 1.94	24.85 -0.69 0.00	25.22 -0.77 0.00	28.49 -0.82 0.00	26.87 -0.76 0.00	25.97 -0.83 3.84	27.83 -0.78 0.00	21.17 -0.75 6.19	30.70 -0.88 0.00	29.53 -0.89 0.00	25.87 -0.79 0.00	23.21 -0.54 0.00
FLOWRFLD_69_KV_BK1 356044	22.29 1.48 0.00	19.91 1.07 0.00	18.32 0.95 0.00	17.32 0.97 0.00	16.95 0.99 0.00	19.04 1.02 0.00	19.33 1.11 0.00	18.82 1.15 0.00	20.03 1.32 0.00	21.21 1.46 0.00	26.85 2.13 0.00	31.66 2.62 0.00	30.01 2.57 -1.12	30.96 2.47 -2.95	31.13 2.72 -2.43	32.58 3.20 -0.07	30.58 2.93 -0.02	33.49 2.86 0.00	31.26 2.65 0.00	30.77 2.66 0.00	34.25 2.66 0.00	33.01 2.57 -0.01	28.78 2.11 0.00	25.46 1.72 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.01 1.20 0.00	19.77 0.93 0.00	18.23 0.86 0.00	17.18 0.84 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.23 1.00 0.00	18.65 0.97 0.00	19.77 1.06 0.00	20.94 1.19 0.00	26.36 1.64 0.00	31.17 2.13 0.00	28.40 2.07 0.00	27.59 2.05 0.00	28.20 2.22 0.00	31.77 2.45 0.00	29.97 2.34 0.00	33.15 2.51 0.00	30.99 2.38 0.00	30.41 2.30 0.00	33.88 2.29 0.00	32.58 2.15 0.00	28.39 1.72 0.00	25.21 1.47 0.00
FORT ORANGE____ 23900	21.19 0.39 0.00	19.14 0.30 0.00	17.66 0.30 0.00	16.65 0.30 0.00	16.27 0.31 0.00	18.30 0.27 0.00	18.53 0.31 0.00	17.93 0.26 0.00	18.96 0.25 0.00	20.00 0.25 0.00	25.04 0.32 0.00	29.45 0.41 0.00	26.78 0.45 0.00	25.98 0.44 0.00	26.56 0.58 0.00	29.82 0.51 0.00	28.11 0.48 0.00	31.26 0.62 0.00	29.38 0.77 0.00	28.99 0.88 0.00	32.42 0.83 0.00	31.30 0.87 0.00	27.25 0.58 0.00	24.21 0.47 0.00
FORT_DRUM_COGEN 23780	21.19 0.38 0.00	19.14 0.30 0.00	17.60 0.24 0.00	16.50 0.15 0.00	16.15 0.18 0.00	18.32 0.29 0.00	18.58 0.36 0.00	17.91 0.24 0.00	18.84 0.13 0.00	19.69 -0.05 0.00	24.57 -0.21 -0.06	28.89 -0.28 -0.13	26.29 -0.24 -0.20	25.42 -0.12 0.00	25.87 -0.11 0.00	29.19 -0.12 0.00	27.53 -0.10 0.00	31.02 -0.02 -0.40	28.85 0.24 0.00	29.15 0.40 -0.65	32.50 0.91 0.00	31.50 1.08 0.00	27.48 0.82 0.00	24.49 0.75 0.00
FPL_FAR_ROCK_GT1 24212	22.40 1.59 0.00	20.03 1.18 0.00	18.43 1.06 0.00	17.38 1.03 0.00	16.97 1.01 0.00	19.09 1.06 0.00	19.42 1.20 0.00	18.90 1.22 0.00	20.09 1.39 0.00	21.32 1.57 0.00	27.02 2.30 0.00	31.84 2.80 0.00	30.15 2.70 -1.12	31.09 2.59 -2.95	31.20 2.79 -2.43	32.31 2.93 -0.07	30.42 2.78 -0.02	33.58 2.95 0.00	31.37 2.77 0.00	30.98 2.87 0.00	34.52 2.93 0.00	33.23 2.79 -0.01	28.91 2.25 0.00	25.61 1.86 0.00
FPL_FAR_ROCK_GT2 23815	22.40 1.59 0.00	20.03 1.18 0.00	18.43 1.06 0.00	17.38 1.03 0.00	16.97 1.01 0.00	19.09 1.06 0.00	19.42 1.20 0.00	18.90 1.22 0.00	20.09 1.39 0.00	21.32 1.57 0.00	27.02 2.30 0.00	31.84 2.80 0.00	30.15 2.70 -1.12	31.09 2.59 -2.95	31.20 2.79 -2.43	32.31 2.93 -0.07	30.42 2.78 -0.02	33.58 2.95 0.00	31.37 2.77 0.00	30.98 2.87 0.00	34.52 2.93 0.00	33.23 2.79 -0.01	28.91 2.25 0.00	25.61 1.86 0.00
FRANKLIN_FALL_HYD 24054	21.17 0.36 0.00	19.29 0.44 0.00	17.75 0.39 0.00	16.71 0.37 0.00	16.33 0.36 0.00	18.49 0.46 0.00	18.68 0.45 0.00	18.00 0.33 0.00	19.05 0.35 0.00	20.12 0.37 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.76 0.43 0.00	25.94 0.39 0.00	26.39 0.41 0.00	29.76 0.45 0.00	28.01 0.38 0.00	31.15 0.51 0.00	29.03 0.43 0.00	28.55 0.44 0.00	32.24 0.65 0.00	31.13 0.70 0.00	27.41 0.75 0.00	24.24 0.49 0.00
FREEPORT_EQUS_GT1 23764	22.27 1.46 0.00	19.91 1.07 0.00	18.31 0.95 0.00	17.28 0.93 0.00	16.88 0.92 0.00	18.99 0.96 0.00	19.31 1.09 0.00	18.79 1.12 0.00	19.98 1.27 0.00	21.17 1.43 0.00	26.83 2.11 0.00	31.62 2.58 0.00	29.97 2.52 -1.12	30.91 2.41 -2.95	31.02 2.60 -2.43	32.37 2.99 -0.07	30.46 2.81 -0.02	33.62 2.98 0.00	31.39 2.78 0.00	30.76 2.65 0.00	34.27 2.68 0.00	33.03 2.60 -0.01	28.76 2.09 0.00	25.46 1.72 0.00
FREEPORT___CT2 23818	22.27 1.46 0.00	19.91 1.07 0.00	18.31 0.95 0.00	17.28 0.93 0.00	16.88 0.92 0.00	18.99 0.96 0.00	19.31 1.09 0.00	18.79 1.12 0.00	19.98 1.27 0.00	21.17 1.43 0.00	26.83 2.11 0.00	31.62 2.58 0.00	29.97 2.52 -1.12	30.91 2.41 -2.95	31.02 2.60 -2.43	32.37 2.99 -0.07	30.46 2.81 -0.02	33.62 2.98 0.00	31.39 2.78 0.00	30.76 2.65 0.00	34.27 2.68 0.00	33.03 2.60 -0.01	28.76 2.09 0.00	25.46 1.72 0.00
FRESHKLS_33_KV_LOAD 356253	21.95 1.14 0.00	19.75 0.91 0.00	18.24 0.87 0.00	17.19 0.84 0.00	16.74 0.78 0.00	18.87 0.84 0.00	19.25 1.03 0.00	18.63 0.96 0.00	19.75 1.05 0.00	20.94 1.19 0.00	26.34 1.62 0.00	31.01 1.97 0.00	28.42 2.09 0.00	27.54 1.99 0.00	28.14 2.16 0.00	31.46 2.44 0.30	29.90 2.33 0.06	32.23 2.34 0.75	30.85 2.24 0.00	30.25 2.14 0.00	33.58 2.00 0.00	32.34 1.91 0.00	28.37 1.71 0.00	25.23 1.48 0.00
FULTON COGEN____ 23766	20.58 -0.23 0.00	18.58 -0.26 0.00	17.10 -0.26 0.00	16.09 -0.26 0.00	15.72 -0.25 0.00	17.80 -0.23 0.00	18.00 -0.23 0.00	17.43 -0.25 0.00	18.45 -0.25 0.00	19.46 -0.29 0.00	24.52 -0.39 -0.19	28.98 -0.50 -0.44	26.52 -0.47 -0.67	25.14 -0.40 0.00	25.49 -0.49 0.00	28.81 -0.50 0.00	27.20 -0.43 0.00	31.51 -0.44 -1.31	28.20 -0.41 0.00	29.84 -0.39 -2.12	31.12 -0.46 0.00	29.92 -0.50 0.00	26.18 -0.48 0.00	23.46 -0.29 0.00

FULTON___LFGE 323630	22.94 2.13 0.00	20.73 1.89 0.00	19.06 1.70 0.00	17.93 1.59 0.00	17.55 1.59 0.00	19.90 1.88 0.00	20.14 1.92 0.00	19.44 1.77 0.00	20.56 1.85 0.00	21.54 1.80 0.00	26.91 2.20 0.00	31.37 2.33 0.00	28.37 2.03 0.00	27.54 2.00 0.00	27.94 1.96 0.00	30.60 1.29 0.00	29.49 1.86 0.00	33.73 3.09 0.00	32.06 3.45 0.00	31.40 3.29 0.00	35.57 3.99 0.00	34.14 3.72 0.00	29.82 3.15 0.00	26.47 2.73 0.00
G.F.CEMENT___DRP 24184	21.99 1.18 0.00	19.83 0.98 0.00	18.28 0.91 0.00	17.23 0.88 0.00	16.83 0.87 0.00	18.97 0.94 0.00	19.29 1.07 0.00	18.67 1.00 0.00	19.63 0.92 0.00	20.69 0.95 0.00	25.73 1.01 0.00	30.21 1.17 0.00	27.46 1.13 0.00	26.47 0.93 0.00	27.10 1.11 0.00	30.52 1.20 0.00	28.77 1.14 0.00	32.12 1.48 0.00	30.50 1.89 0.00	30.29 2.18 0.00	33.77 2.19 0.00	32.50 2.07 0.00	28.31 1.64 0.00	25.11 1.36 0.00
GARDENVILLE___LBMP 24039	21.04 0.23 0.00	18.90 0.06 0.00	17.28 -0.08 0.00	16.22 -0.13 0.00	15.84 -0.13 0.00	18.15 0.12 0.00	18.45 0.22 0.00	17.96 0.29 0.00	19.13 0.42 0.00	20.31 0.57 0.00	25.58 0.86 0.00	29.59 0.55 0.00	26.60 0.27 0.00	26.08 0.54 0.00	25.90 -0.08 0.00	29.49 0.18 0.00	27.77 0.14 0.00	30.68 0.04 0.00	28.36 -0.25 0.00	27.91 -0.20 0.00	31.37 -0.22 0.00	30.05 -0.38 0.00	26.50 -0.16 0.00	24.20 0.46 0.00
GARDNVLA_35_KV_LD 355827	21.12 0.31 0.00	18.97 0.13 0.00	17.34 -0.02 0.00	16.28 -0.07 0.00	15.89 -0.07 0.00	18.21 0.18 0.00	18.50 0.27 0.00	18.02 0.35 0.00	19.18 0.47 0.00	20.39 0.64 0.00	25.67 0.95 0.00	29.69 0.65 0.00	26.72 0.38 0.00	26.21 0.66 0.00	26.04 0.06 0.00	29.66 0.35 0.00	27.93 0.30 0.00	30.86 0.22 0.00	28.53 -0.08 0.00	28.06 -0.05 0.00	31.54 -0.04 0.00	30.20 -0.22 0.00	26.63 -0.03 0.00	24.32 0.57 0.00
GELCKHM___115KV_LOAD 80723	20.75 -0.06 0.00	18.74 -0.10 0.00	17.25 -0.12 0.00	16.23 -0.12 0.00	15.85 -0.11 0.00	17.94 -0.08 0.00	18.15 -0.07 0.00	17.59 -0.09 0.00	18.62 -0.09 0.00	19.65 -0.10 0.00	24.65 -0.13 -0.07	28.99 -0.20 -0.15	26.37 -0.19 -0.23	25.40 -0.14 0.00	25.76 -0.22 0.00	29.13 -0.18 0.00	27.48 -0.16 0.00	30.96 -0.13 -0.46	28.48 -0.13 0.00	28.74 -0.12 -0.75	31.39 -0.19 0.00	30.17 -0.25 0.00	26.41 -0.25 0.00	23.68 -0.06 0.00
GENERAL___MILLS 23808	21.08 0.28 0.00	18.94 0.10 0.00	17.32 -0.04 0.00	16.25 -0.09 0.00	15.87 -0.09 0.00	18.18 0.16 0.00	18.48 0.25 0.00	18.00 0.33 0.00	19.16 0.45 0.00	20.35 0.60 0.00	25.62 0.91 0.00	29.63 0.59 0.00	26.66 0.33 0.00	26.15 0.60 0.00	25.97 -0.01 0.00	29.58 0.27 0.00	27.85 0.22 0.00	30.76 0.13 0.00	28.45 -0.16 0.00	27.98 -0.13 0.00	31.45 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.52 0.00
GE_PLASTICS___DRP 24183	21.21 0.40 0.00	19.16 0.31 0.00	17.68 0.32 0.00	16.67 0.32 0.00	16.28 0.32 0.00	18.31 0.29 0.00	18.56 0.34 0.00	17.96 0.29 0.00	19.00 0.29 0.00	20.06 0.31 0.00	25.13 0.41 0.00	29.55 0.51 0.00	26.86 0.53 0.00	26.06 0.51 0.00	26.63 0.65 0.00	29.92 0.61 0.00	28.18 0.55 0.00	31.27 0.64 0.00	29.33 0.72 0.00	28.91 0.80 0.00	32.34 0.75 0.00	31.21 0.79 0.00	27.20 0.54 0.00	24.21 0.47 0.00
GILBOA___1 23756	21.36 0.55 0.00	19.27 0.43 0.00	17.84 0.47 0.00	16.81 0.46 0.00	16.40 0.44 0.00	18.43 0.40 0.00	18.69 0.47 0.00	18.12 0.44 0.00	19.17 0.46 0.00	20.26 0.52 0.00	25.42 0.70 0.00	29.89 0.85 0.00	27.16 0.83 0.00	26.35 0.81 0.00	26.88 0.90 0.00	30.24 0.92 0.00	28.45 0.83 0.00	31.50 0.86 0.00	29.54 0.93 0.00	29.06 0.94 0.00	32.51 0.93 0.00	31.39 0.96 0.00	27.40 0.74 0.00	24.39 0.65 0.00
GILBOA___2 23757	21.36 0.55 0.00	19.27 0.43 0.00	17.84 0.47 0.00	16.81 0.46 0.00	16.40 0.44 0.00	18.43 0.40 0.00	18.69 0.47 0.00	18.12 0.44 0.00	19.17 0.46 0.00	20.26 0.52 0.00	25.42 0.70 0.00	29.89 0.85 0.00	27.16 0.83 0.00	26.35 0.81 0.00	26.88 0.90 0.00	30.24 0.92 0.00	28.45 0.83 0.00	31.50 0.86 0.00	29.54 0.93 0.00	29.06 0.94 0.00	32.51 0.93 0.00	31.39 0.96 0.00	27.40 0.74 0.00	24.39 0.65 0.00
GILBOA___3 23758	21.36 0.55 0.00	19.27 0.43 0.00	17.84 0.47 0.00	16.81 0.46 0.00	16.40 0.44 0.00	18.43 0.40 0.00	18.69 0.47 0.00	18.12 0.44 0.00	19.17 0.46 0.00	20.26 0.52 0.00	25.42 0.70 0.00	29.89 0.85 0.00	27.16 0.83 0.00	26.35 0.81 0.00	26.88 0.90 0.00	30.24 0.92 0.00	28.45 0.83 0.00	31.50 0.86 0.00	29.54 0.93 0.00	29.06 0.94 0.00	32.51 0.93 0.00	31.39 0.96 0.00	27.40 0.74 0.00	24.39 0.65 0.00
GILBOA___4 23759	21.36 0.55 0.00	19.27 0.43 0.00	17.84 0.47 0.00	16.81 0.46 0.00	16.40 0.44 0.00	18.43 0.40 0.00	18.69 0.47 0.00	18.12 0.44 0.00	19.17 0.46 0.00	20.26 0.52 0.00	25.42 0.70 0.00	29.89 0.85 0.00	27.16 0.83 0.00	26.35 0.81 0.00	26.88 0.90 0.00	30.24 0.92 0.00	28.45 0.83 0.00	31.50 0.86 0.00	29.54 0.93 0.00	29.06 0.94 0.00	32.51 0.93 0.00	31.39 0.96 0.00	27.40 0.74 0.00	24.39 0.65 0.00
GILBOA___ 23599	21.36 0.55 0.00	19.27 0.43 0.00	17.84 0.47 0.00	16.81 0.46 0.00	16.40 0.44 0.00	18.43 0.40 0.00	18.69 0.47 0.00	18.12 0.44 0.00	19.17 0.46 0.00	20.26 0.52 0.00	25.42 0.70 0.00	29.89 0.85 0.00	27.16 0.84 0.00	26.35 0.81 0.00	26.88 0.90 0.00	30.23 0.92 0.00	28.45 0.82 0.00	31.50 0.86 0.00	29.54 0.93 0.00	29.05 0.94 0.00	32.51 0.93 0.00	31.39 0.96 0.00	27.40 0.74 0.00	24.39 0.65 0.00
GINNA___ 23603	19.97 -0.84 0.00	17.99 -0.85 0.00	16.50 -0.87 0.00	15.50 -0.85 0.00	15.15 -0.81 0.00	17.25 -0.77 0.00	17.51 -0.72 0.00	16.96 -0.71 0.00	17.97 -0.74 0.00	19.03 -0.71 0.00	23.88 -0.84 0.00	27.85 -1.19 0.00	25.18 -1.15 0.00	24.59 -0.95 0.00	24.72 -1.26 0.00	28.04 -1.27 0.00	26.48 -1.15 0.00	29.41 -1.22 0.00	27.38 -1.22 0.00	26.91 -1.20 0.00	30.17 -1.42 0.00	28.96 -1.46 0.00	25.39 -1.28 0.00	22.92 -0.83 0.00
GLEN PARK___ 23778	21.25 0.43 0.00	19.18 0.34 0.00	17.64 0.27 0.00	16.53 0.18 0.00	16.18 0.21 0.00	18.37 0.34 0.00	18.63 0.41 0.00	17.96 0.28 0.00	18.86 0.15 0.00	19.69 -0.05 0.00	24.57 -0.21 -0.06	28.90 -0.28 -0.14	26.30 -0.25 -0.21	25.42 -0.12 0.00	25.89 -0.09 0.00	29.21 -0.10 0.00	27.56 -0.07 0.00	31.09 0.03 -0.42	28.91 0.30 0.00	29.26 0.47 -0.68	32.66 1.07 0.00	31.68 1.25 0.00	27.61 0.95 0.00	24.59 0.85 0.00
GLENDALE_27_KV_LOAD 356172	22.08 1.27 0.00	19.86 1.01 0.00	18.33 0.97 0.00	17.28 0.93 0.00	16.85 0.89 0.00	18.97 0.94 0.00	19.37 1.14 0.00	18.79 1.11 0.00	19.93 1.22 0.00	21.14 1.39 0.00	26.59 1.87 0.00	31.33 2.29 0.00	28.62 2.29 0.00	27.76 2.21 0.00	28.38 2.40 0.00	32.05 2.73 0.00	30.21 2.58 0.00	33.31 2.67 0.00	31.08 2.47 0.00	30.49 2.38 0.00	33.92 2.34 0.00	32.63 2.21 0.00	28.51 1.85 0.00	25.31 1.57 0.00

GLENWOOD_IC_1_G5 23712	22.14 1.33 0.00	19.84 0.99 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.87 0.00	18.94 0.91 0.00	19.29 1.06 0.00	18.73 1.06 0.00	19.90 1.20 0.00	21.10 1.36 0.00	26.68 1.96 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.75 2.25 -2.95	30.77 2.36 -2.43	31.99 2.61 -0.07	30.12 2.47 -0.02	33.23 2.59 0.00	31.02 2.41 0.00	30.43 2.31 0.00	34.07 2.48 0.00	32.79 2.36 -0.01	28.56 1.89 0.00	25.33 1.59 0.00
GLENWOOD_IC_2_G1 23688	22.03 1.22 0.00	19.75 0.91 0.00	18.21 0.85 0.00	17.18 0.83 0.00	16.76 0.80 0.00	18.87 0.84 0.00	19.21 0.99 0.00	18.65 0.98 0.00	19.80 1.09 0.00	20.99 1.24 0.00	26.49 1.77 0.00	31.22 2.18 0.00	29.59 2.15 -1.12	30.55 2.05 -2.95	30.65 2.24 -2.43	31.93 2.55 -0.07	30.05 2.40 -0.02	33.17 2.53 0.00	30.97 2.36 0.00	30.37 2.26 0.00	33.85 2.26 0.00	32.57 2.14 -0.01	28.39 1.73 0.00	25.20 1.46 0.00
GLENWOOD_IC_3_G1 23689	22.03 1.22 0.00	19.75 0.91 0.00	18.21 0.85 0.00	17.18 0.83 0.00	16.76 0.80 0.00	18.87 0.84 0.00	19.21 0.99 0.00	18.65 0.98 0.00	19.80 1.09 0.00	20.99 1.24 0.00	26.49 1.77 0.00	31.22 2.18 0.00	29.59 2.15 -1.12	30.55 2.05 -2.95	30.65 2.24 -2.43	31.93 2.55 -0.07	30.05 2.40 -0.02	33.17 2.53 0.00	30.97 2.36 0.00	30.37 2.26 0.00	33.85 2.26 0.00	32.57 2.14 -0.01	28.39 1.73 0.00	25.20 1.46 0.00
GLENWOOD___4 23550	22.14 1.33 0.00	19.84 0.99 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.87 0.00	18.94 0.91 0.00	19.29 1.06 0.00	18.73 1.06 0.00	19.90 1.20 0.00	21.10 1.36 0.00	26.68 1.96 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.75 2.25 -2.95	30.81 2.40 -2.43	32.07 2.69 -0.07	30.19 2.54 -0.02	33.32 2.68 0.00	31.10 2.49 0.00	30.49 2.38 0.00	34.07 2.48 0.00	32.79 2.36 -0.01	28.56 1.89 0.00	25.33 1.59 0.00
GLENWOOD___5 23614	22.14 1.33 0.00	19.84 0.99 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.87 0.00	18.94 0.91 0.00	19.29 1.06 0.00	18.73 1.06 0.00	19.90 1.20 0.00	21.10 1.36 0.00	26.68 1.96 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.75 2.25 -2.95	30.81 2.40 -2.43	32.07 2.69 -0.07	30.19 2.54 -0.02	33.32 2.68 0.00	31.10 2.49 0.00	30.49 2.38 0.00	34.07 2.48 0.00	32.79 2.36 -0.01	28.56 1.89 0.00	25.33 1.59 0.00
GLOBAL GREEN_PORT_GT1 23814	22.79 1.98 0.00	20.35 1.51 0.00	18.71 1.35 0.00	17.73 1.39 0.00	17.39 1.43 0.00	19.50 1.47 0.00	19.78 1.55 0.00	19.28 1.60 0.00	20.55 1.84 0.00	21.81 2.07 0.00	27.62 2.91 0.00	32.59 3.55 0.00	30.86 3.41 -1.12	31.75 3.25 -2.95	31.96 3.55 -2.43	33.57 4.19 -0.07	31.61 3.96 -0.02	34.76 4.12 0.00	32.42 3.82 0.00	31.74 3.63 0.00	35.28 3.69 0.00	33.90 3.46 -0.01	29.48 2.82 0.00	26.01 2.27 0.00
GLOBE___DSASP 323697	20.57 -0.24 0.00	18.49 -0.35 0.00	16.89 -0.48 0.00	15.84 -0.51 0.00	15.48 -0.48 0.00	17.74 -0.29 0.00	18.02 -0.20 0.00	17.48 -0.19 0.00	18.56 -0.14 0.00	19.70 -0.05 0.00	24.72 0.00 0.00	28.53 -0.51 0.00	25.70 -0.63 0.00	25.20 -0.34 0.00	24.75 -1.23 0.00	28.10 -1.21 0.00	26.46 -1.17 0.00	29.23 -1.41 0.00	27.06 -1.55 0.00	26.75 -1.36 0.00	30.13 -1.46 0.00	28.94 -1.48 0.00	25.60 -1.07 0.00	23.58 -0.16 0.00
GOETHSLN___LBMP 323567	21.90 1.09 0.00	19.69 0.84 0.00	18.17 0.80 0.00	17.13 0.78 0.00	16.68 0.71 0.00	18.79 0.76 0.00	19.16 0.94 0.00	18.57 0.90 0.00	19.69 0.98 0.00	20.88 1.13 0.00	26.28 1.57 0.00	30.98 1.94 0.00	28.29 1.96 0.00	27.38 1.84 0.00	28.00 2.02 0.00	31.63 2.32 0.00	29.81 2.18 0.00	32.91 2.28 0.00	30.72 2.11 0.00	30.12 2.01 0.00	33.51 1.92 0.00	32.22 1.79 0.00	28.18 1.51 0.00	25.06 1.32 0.00
GOLAH___69_KV_TB 1_2 80279	21.17 0.36 0.00	19.02 0.18 0.00	17.41 0.05 0.00	16.35 0.00 0.00	15.98 0.02 0.00	18.26 0.24 0.00	18.54 0.32 0.00	18.02 0.34 0.00	19.10 0.39 0.00	20.20 0.45 0.00	25.36 0.64 0.00	29.46 0.42 0.00	26.60 0.27 0.00	26.02 0.48 0.00	26.02 0.04 0.00	29.58 0.26 0.00	27.91 0.28 0.00	30.99 0.35 0.00	28.82 0.21 0.00	28.38 0.27 0.00	31.88 0.29 0.00	30.59 0.16 0.00	26.89 0.22 0.00	24.37 0.62 0.00
GOODYEAR_LAKE_HYD 323669	21.71 0.89 0.00	19.57 0.72 0.00	18.04 0.68 0.00	16.98 0.64 0.00	16.58 0.62 0.00	18.76 0.73 0.00	19.08 0.85 0.00	18.51 0.83 0.00	19.61 0.91 0.00	20.63 0.88 0.00	25.92 1.19 -0.02	30.58 1.50 -0.04	27.77 1.38 -0.06	26.89 1.35 0.00	27.32 1.33 0.00	30.87 1.56 0.00	29.12 1.49 0.00	32.42 1.66 -0.12	30.17 1.56 0.00	29.79 1.49 -0.20	33.18 1.60 0.00	31.90 1.47 0.00	27.90 1.24 0.00	24.86 1.12 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	21.10 0.29 0.00	19.02 0.17 0.00	17.55 0.18 0.00	16.52 0.17 0.00	16.11 0.15 0.00	18.27 0.24 0.00	18.49 0.27 0.00	18.01 0.34 0.00	19.11 0.40 0.00	20.21 0.46 0.00	25.48 0.72 -0.04	29.85 0.72 -0.09	27.03 0.56 -0.14	26.15 0.61 0.00	26.49 0.51 0.00	30.01 0.70 0.00	28.30 0.67 0.00	31.69 0.77 -0.28	29.22 0.61 0.00	29.19 0.63 -0.45	32.20 0.62 0.00	30.89 0.46 0.00	27.05 0.38 0.00	24.22 0.48 0.00
GOUDEY___7 23579	21.11 0.30 0.00	19.03 0.19 0.00	17.56 0.19 0.00	16.53 0.18 0.00	16.12 0.16 0.00	18.28 0.25 0.00	18.51 0.29 0.00	18.03 0.35 0.00	19.12 0.42 0.00	20.23 0.48 0.00	25.50 0.74 -0.04	29.88 0.75 -0.09	27.06 0.59 -0.14	26.18 0.64 0.00	26.52 0.53 0.00	30.04 0.73 0.00	28.33 0.70 0.00	31.72 0.80 -0.28	29.26 0.65 0.00	29.22 0.66 -0.45	32.24 0.65 0.00	30.92 0.49 0.00	27.07 0.41 0.00	24.24 0.49 0.00
GOUDEY___8 23580	21.10 0.29 0.00	19.02 0.17 0.00	17.55 0.18 0.00	16.52 0.17 0.00	16.11 0.15 0.00	18.27 0.24 0.00	18.49 0.27 0.00	18.01 0.34 0.00	19.11 0.40 0.00	20.21 0.46 0.00	25.48 0.72 -0.04	29.85 0.72 -0.09	27.03 0.56 -0.14	26.15 0.61 0.00	26.49 0.51 0.00	30.01 0.70 0.00	28.30 0.67 0.00	31.69 0.77 -0.28	29.22 0.61 0.00	29.19 0.63 -0.45	32.20 0.62 0.00	30.89 0.46 0.00	27.05 0.38 0.00	24.22 0.48 0.00
GOWANUS_GT1_1 24077	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_2 24078	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00

GOWANUS_GT1_3 24079	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_4 24080	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_5 24084	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_6 24111	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_7 24112	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT1_8 24113	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_1 24114	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_2 24115	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_3 24116	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_4 24117	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_5 24118	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_6 24119	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_7 24120	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT2_8 24121	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_1 24122	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00

GOWANUS_GT3_2 24123	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_3 24124	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_4 24125	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_5 24126	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_6 24127	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_7 24128	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT3_8 24129	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_1 24130	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_2 24131	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_3 24132	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_4 24133	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_5 24134	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_6 24135	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_7 24136	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GOWANUS_GT4_8 24137	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00

GREENBSH_115KV_TB3 55895	21.09 0.28 0.00	19.05 0.20 0.00	17.58 0.22 0.00	16.57 0.23 0.00	16.19 0.23 0.00	18.21 0.18 0.00	18.44 0.22 0.00	17.84 0.17 0.00	18.87 0.16 0.00	19.91 0.17 0.00	24.95 0.23 0.00	29.34 0.30 0.00	26.68 0.35 0.00	25.89 0.34 0.00	26.46 0.48 0.00	29.71 0.40 0.00	28.00 0.37 0.00	31.10 0.46 0.00	29.21 0.60 0.00	28.79 0.68 0.00	32.18 0.60 0.00	31.07 0.65 0.00	27.06 0.40 0.00	24.06 0.32 0.00
GREENDGE_115KV_TB5 80291	21.19 0.38 0.00	19.07 0.22 0.00	17.54 0.18 0.00	16.50 0.15 0.00	16.09 0.13 0.00	18.33 0.30 0.00	18.59 0.37 0.00	18.11 0.43 0.00	19.22 0.51 0.00	20.31 0.56 0.00	25.56 0.81 -0.03	29.85 0.73 -0.08	27.00 0.55 -0.12	26.20 0.66 0.00	26.41 0.43 0.00	29.97 0.66 0.00	28.30 0.67 0.00	31.71 0.84 -0.23	29.37 0.77 0.00	29.29 0.81 -0.37	32.34 0.75 0.00	30.93 0.51 0.00	27.06 0.40 0.00	24.30 0.56 0.00
GREENIDGE___3 23582	21.19 0.38 0.00	19.07 0.22 0.00	17.54 0.18 0.00	16.50 0.15 0.00	16.09 0.13 0.00	18.33 0.30 0.00	18.59 0.37 0.00	18.11 0.43 0.00	19.22 0.51 0.00	20.31 0.56 0.00	25.56 0.81 -0.03	29.85 0.73 -0.08	27.00 0.55 -0.12	26.20 0.66 0.00	26.41 0.43 0.00	29.97 0.66 0.00	28.30 0.67 0.00	31.71 0.84 -0.23	29.37 0.77 0.00	29.29 0.81 -0.37	32.34 0.75 0.00	30.93 0.51 0.00	27.06 0.40 0.00	24.30 0.56 0.00
GREENIDGE___4 23583	21.19 0.38 0.00	19.07 0.22 0.00	17.54 0.18 0.00	16.50 0.15 0.00	16.10 0.13 0.00	18.33 0.30 0.00	18.59 0.37 0.00	18.11 0.43 0.00	19.22 0.51 0.00	20.31 0.56 0.00	25.56 0.81 -0.03	29.85 0.74 -0.08	27.00 0.55 -0.12	26.20 0.66 0.00	26.41 0.43 0.00	29.97 0.66 0.00	28.30 0.67 0.00	31.71 0.84 -0.23	29.37 0.77 0.00	29.29 0.81 -0.37	32.34 0.75 0.00	30.93 0.51 0.00	27.06 0.40 0.00	24.30 0.56 0.00
GREENLWN_69_KV_BK 3 55738	22.18 1.38 0.00	19.84 0.99 0.00	18.25 0.89 0.00	17.23 0.89 0.00	16.84 0.88 0.00	18.94 0.91 0.00	19.25 1.03 0.00	18.73 1.05 0.00	19.92 1.21 0.00	21.11 1.37 0.00	26.75 2.03 0.00	31.53 2.49 0.00	29.90 2.46 -1.12	30.82 2.33 -2.95	30.95 2.53 -2.43	32.31 2.93 -0.07	30.41 2.76 -0.02	33.50 2.86 0.00	31.26 2.66 0.00	30.65 2.54 0.00	34.10 2.52 0.00	32.85 2.42 -0.01	28.61 1.95 0.00	25.34 1.60 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00
GRISSOM___SOLAR 323813	22.94 2.13 0.00	20.73 1.89 0.00	19.06 1.70 0.00	17.93 1.59 0.00	17.55 1.59 0.00	19.90 1.88 0.00	20.14 1.92 0.00	19.44 1.77 0.00	20.56 1.85 0.00	21.54 1.80 0.00	26.91 2.20 0.00	31.37 2.33 0.00	28.37 2.03 0.00	27.54 2.00 0.00	27.94 1.96 0.00	30.60 1.29 0.00	29.49 1.86 0.00	33.73 3.09 0.00	32.06 3.45 0.00	31.40 3.29 0.00	35.57 3.99 0.00	34.14 3.72 0.00	29.82 3.15 0.00	26.47 2.73 0.00
GROVEVILLE___HYD 323602	22.01 1.20 0.00	19.77 0.93 0.00	18.23 0.86 0.00	17.18 0.84 0.00	16.76 0.80 0.00	18.88 0.85 0.00	19.23 1.00 0.00	18.65 0.97 0.00	19.77 1.06 0.00	20.94 1.19 0.00	26.36 1.64 0.00	31.17 2.13 0.00	28.40 2.07 0.00	27.59 2.05 0.00	28.20 2.22 0.00	31.77 2.45 0.00	29.97 2.34 0.00	33.15 2.51 0.00	30.99 2.38 0.00	30.41 2.30 0.00	33.88 2.29 0.00	32.58 2.15 0.00	28.39 1.72 0.00	25.21 1.47 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
HAMLTNNY_34_KV_TB 80303	20.91 0.10 0.00	18.88 0.04 0.00	17.38 0.02 0.00	16.35 0.01 0.00	15.98 0.02 0.00	18.10 0.07 0.00	18.32 0.09 0.00	17.76 0.09 0.00	18.79 0.08 0.00	19.85 0.10 0.00	24.97 0.14 -0.11	29.41 0.12 -0.25	26.78 0.08 -0.37	25.66 0.12 0.00	26.06 0.07 0.00	29.49 0.18 0.00	27.79 0.16 0.00	31.62 0.25 -0.73	28.85 0.24 0.00	29.55 0.25 -1.19	31.75 0.16 0.00	30.51 0.09 0.00	26.68 0.02 0.00	23.93 0.18 0.00
HAMPSHIRE___PAPER_HYD 323593	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.08 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.28 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.03 0.00	30.62 0.20 0.00	26.98 0.32 0.00	23.98 0.24 0.00
HARDSCRABBLE_WT_PWR 323673	20.52 -0.29 0.00	18.53 -0.31 0.00	17.14 -0.23 0.00	16.15 -0.19 0.00	15.84 -0.13 0.00	17.85 -0.18 0.00	18.10 -0.12 0.00	17.59 -0.09 0.00	18.56 -0.14 0.00	19.55 -0.19 0.00	24.53 -0.19 0.00	28.81 -0.23 0.00	26.22 -0.11 0.00	25.49 -0.06 0.00	26.13 0.14 0.00	29.31 0.00 0.00	27.62 -0.01 0.00	30.75 0.11 0.00	28.96 0.36 0.00	28.69 0.58 0.00	31.96 0.37 0.00	30.65 0.22 0.00	26.53 -0.14 0.00	23.52 -0.22 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	21.82 1.01 0.00	19.61 0.77 0.00	18.09 0.72 0.00	17.05 0.70 0.00	16.62 0.66 0.00	18.73 0.71 0.00	19.07 0.84 0.00	18.49 0.81 0.00	19.61 0.90 0.00	20.77 1.03 0.00	26.17 1.45 0.00	30.87 1.83 0.00	28.15 1.82 0.00	27.30 1.75 0.00	27.92 1.94 0.00	31.55 2.24 0.00	29.78 2.15 0.00	32.98 2.34 0.00	30.79 2.18 0.00	30.17 2.06 0.00	33.62 2.04 0.00	32.30 1.87 0.00	28.16 1.50 0.00	25.01 1.27 0.00
HARSNRAD_115KV_TB1 81005	20.87 0.06 0.00	18.75 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.87 0.16 0.00	20.03 0.28 0.00	25.16 0.44 0.00	29.07 0.03 0.00	26.18 -0.15 0.00	25.67 0.13 0.00	25.38 -0.60 0.00	28.89 -0.42 0.00	27.23 -0.41 0.00	30.08 -0.56 0.00	27.84 -0.76 0.00	27.48 -0.63 0.00	30.93 -0.65 0.00	29.69 -0.74 0.00	26.22 -0.45 0.00	24.03 0.28 0.00
HARZA MOOSE___RIVER 24016	21.20 0.39 0.00	19.17 0.32 0.00	17.65 0.28 0.00	16.60 0.25 0.00	16.22 0.26 0.00	18.37 0.34 0.00	18.60 0.38 0.00	17.98 0.31 0.00	18.99 0.28 0.00	19.97 0.22 0.00	24.95 0.21 -0.02	29.33 0.24 -0.05	26.62 0.21 -0.08	25.80 0.26 0.00	26.25 0.27 0.00	29.62 0.31 0.00	27.95 0.32 0.00	31.23 0.45 -0.15	29.17 0.57 0.00	29.04 0.68 -0.24	32.50 0.91 0.00	31.34 0.91 0.00	27.40 0.73 0.00	24.37 0.63 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	20.77 -0.04 0.00	18.75 -0.10 0.00	17.26 -0.11 0.00	16.24 -0.11 0.00	15.85 -0.11 0.00	17.96 -0.07 0.00	18.17 -0.06 0.00	17.60 -0.07 0.00	18.65 -0.05 0.00	19.67 -0.07 0.00	24.69 -0.09 -0.06	29.00 -0.16 -0.13	26.36 -0.16 -0.19	25.43 -0.11 0.00	25.76 -0.22 0.00	29.13 -0.18 0.00	27.49 -0.14 0.00	30.88 -0.13 -0.37	28.47 -0.13 0.00	28.59 -0.12 -0.60	31.39 -0.19 0.00	30.16 -0.26 0.00	26.42 -0.24 0.00	23.71 -0.03 0.00
HELLGATE_13_KV_LD 55870	21.99 1.18 0.00	19.78 0.94 0.00	18.27 0.90 0.00	17.22 0.87 0.00	16.79 0.83 0.00	18.90 0.87 0.00	19.29 1.06 0.00	18.70 1.03 0.00	19.83 1.13 0.00	21.04 1.29 0.00	26.45 1.73 0.00	31.15 2.11 0.00	28.47 2.14 0.00	27.61 2.06 0.00	28.23 2.25 0.00	31.86 2.55 0.00	30.03 2.40 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.33 2.22 0.00	33.75 2.16 0.00	32.46 2.04 0.00	28.36 1.70 0.00	25.19 1.45 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	21.99 1.18 0.00	19.78 0.94 0.00	18.27 0.90 0.00	17.22 0.87 0.00	16.79 0.83 0.00	18.90 0.87 0.00	19.29 1.06 0.00	18.70 1.03 0.00	19.83 1.13 0.00	21.04 1.29 0.00	26.45 1.73 0.00	31.15 2.11 0.00	28.47 2.14 0.00	27.61 2.06 0.00	28.23 2.25 0.00	31.86 2.55 0.00	30.03 2.40 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.33 2.22 0.00	33.75 2.16 0.00	32.46 2.04 0.00	28.36 1.70 0.00	25.19 1.45 0.00
HEMPSTEAD____ 23647	22.10 1.29 0.00	19.77 0.93 0.00	18.21 0.84 0.00	17.18 0.83 0.00	16.78 0.82 0.00	18.87 0.85 0.00	19.21 0.98 0.00	18.67 1.00 0.00	19.84 1.14 0.00	21.04 1.29 0.00	26.62 1.91 0.00	31.38 2.34 0.00	29.75 2.30 -1.12	30.70 2.21 -2.95	30.78 2.37 -2.43	32.08 2.71 -0.07	30.19 2.55 -0.02	33.31 2.67 0.00	31.09 2.49 0.00	30.48 2.37 0.00	33.99 2.40 0.00	32.74 2.31 -0.01	28.51 1.85 0.00	25.26 1.52 0.00
HEWLETT__69_KV_BK3 55828	22.30 1.49 0.00	19.95 1.10 0.00	18.35 0.99 0.00	17.32 0.97 0.00	16.91 0.94 0.00	19.02 0.99 0.00	19.35 1.13 0.00	18.81 1.14 0.00	20.01 1.30 0.00	21.22 1.47 0.00	26.89 2.17 0.00	31.68 2.65 0.00	30.01 2.57 -1.12	30.95 2.45 -2.95	31.07 2.66 -2.43	32.28 2.90 -0.07	30.38 2.74 0.00	33.54 2.90 0.00	31.32 2.72 0.00	30.83 2.72 0.00	34.35 2.76 0.00	33.07 2.63 -0.01	28.77 2.11 0.00	25.49 1.75 0.00
HICKLING___1 23621	21.26 0.45 0.00	19.11 0.26 0.00	17.62 0.26 0.00	16.58 0.23 0.00	16.15 0.19 0.00	18.41 0.38 0.00	18.65 0.42 0.00	18.22 0.54 0.00	19.38 0.67 0.00	20.53 0.78 0.00	25.96 1.21 -0.03	30.30 1.19 -0.08	27.34 0.90 -0.11	26.56 1.02 0.00	26.74 0.76 0.00	30.37 1.05 0.00	28.65 1.02 0.00	31.99 1.13 -0.23	29.41 0.80 0.00	29.30 0.83 -0.36	32.38 0.80 0.00	30.91 0.48 0.00	27.08 0.41 0.00	24.35 0.61 0.00
HICKLING___2 23622	21.26 0.45 0.00	19.11 0.26 0.00	17.62 0.26 0.00	16.58 0.23 0.00	16.15 0.19 0.00	18.41 0.38 0.00	18.65 0.42 0.00	18.22 0.54 0.00	19.38 0.67 0.00	20.53 0.78 0.00	25.96 1.21 -0.03	30.30 1.19 -0.08	27.34 0.90 -0.11	26.56 1.02 0.00	26.74 0.76 0.00	30.37 1.05 0.00	28.65 1.02 0.00	31.99 1.13 -0.23	29.41 0.80 0.00	29.30 0.83 -0.36	32.38 0.80 0.00	30.91 0.48 0.00	27.08 0.41 0.00	24.35 0.61 0.00
HIGH FALLS___HY 23754	21.86 1.05 0.00	19.61 0.77 0.00	18.08 0.72 0.00	17.04 0.69 0.00	16.61 0.65 0.00	18.72 0.70 0.00	19.08 0.86 0.00	18.51 0.84 0.00	19.63 0.92 0.00	20.79 1.05 0.00	26.22 1.50 0.00	31.25 2.21 0.00	28.49 2.16 0.00	27.78 2.24 0.00	28.33 2.35 0.00	31.76 2.44 0.00	29.83 2.20 0.00	32.95 2.31 0.00	30.84 2.24 0.00	30.24 2.13 0.00	33.71 2.13 0.00	32.40 1.97 0.00	28.25 1.59 0.00	25.08 1.34 0.00
HILLBURN___GT 23639	21.78 0.97 0.00	19.58 0.74 0.00	18.05 0.69 0.00	17.02 0.67 0.00	16.59 0.63 0.00	18.70 0.67 0.00	19.05 0.82 0.00	18.47 0.80 0.00	19.59 0.89 0.00	20.77 1.03 0.00	26.19 1.47 0.00	30.89 1.85 0.00	28.17 1.84 0.00	27.30 1.75 0.00	27.91 1.93 0.00	31.52 2.21 0.00	29.73 2.10 0.00	32.89 2.25 0.00	30.71 2.10 0.00	30.09 1.98 0.00	33.52 1.94 0.00	32.20 1.78 0.00	28.09 1.43 0.00	24.96 1.22 0.00
HILLSIDE_115KV_TB1 80332	20.88 0.08 0.00	18.79 -0.05 0.00	17.36 -0.01 0.00	16.34 0.00 0.00	15.92 -0.05 0.00	18.11 0.08 0.00	18.32 0.09 0.00	17.92 0.24 0.00	19.04 0.33 0.00	20.18 0.43 0.00	25.55 0.79 -0.03	29.84 0.72 -0.08	26.90 0.45 -0.12	26.09 0.54 0.00	26.31 0.33 0.00	29.88 0.57 0.00	28.17 0.54 0.00	31.49 0.62 -0.23	28.93 0.33 0.00	28.84 0.36 -0.38	31.86 0.28 0.00	30.45 0.03 0.00	26.71 0.05 0.00	23.99 0.24 0.00
HISHELDN_WT_PWR 323625	21.00 0.19 0.00	18.86 0.01 0.00	17.26 -0.10 0.00	16.20 -0.14 0.00	15.82 -0.15 0.00	18.10 0.08 0.00	18.38 0.16 0.00	17.91 0.23 0.00	19.08 0.38 0.00	20.27 0.52 0.00	25.52 0.80 0.00	29.53 0.49 0.00	26.56 0.22 0.00	26.00 0.46 0.00	25.88 -0.10 0.00	29.42 0.11 0.00	27.68 0.05 0.00	30.53 -0.11 0.00	28.22 -0.39 0.00	27.79 -0.32 0.00	31.18 -0.40 0.00	29.81 -0.61 0.00	26.24 -0.42 0.00	23.92 0.17 0.00
HOLTSVILLE_IC_1 23690	22.17 1.36 0.00	19.82 0.97 0.00	18.24 0.87 0.00	17.25 0.90 0.00	16.89 0.92 0.00	18.95 0.92 0.00	19.24 1.02 0.00	18.74 1.06 0.00	19.92 1.22 0.00	21.08 1.34 0.00	26.68 1.97 0.00	31.44 2.40 0.00	29.82 2.37 -1.12	30.76 2.26 -2.95	30.91 2.50 -2.43	32.30 2.92 -0.07	30.37 2.72 -0.02	33.34 2.70 0.00	31.13 2.52 0.00	30.55 2.44 0.00	34.02 2.44 0.00	32.80 2.36 -0.01	28.61 1.95 0.00	25.33 1.58 0.00
HOLTSVILLE_IC_10 23699	22.27 1.45 0.00	19.89 1.05 0.00	18.30 0.93 0.00	17.31 0.96 0.00	16.95 0.99 0.00	19.02 1.00 0.00	19.31 1.09 0.00	18.81 1.13 0.00	20.01 1.30 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.61 2.57 0.00	29.98 2.53 -1.12	30.93 2.43 -2.95	31.09 2.68 -2.43	32.52 3.14 -0.07	30.57 2.92 -0.02	33.54 2.90 0.00	31.31 2.70 0.00	30.73 2.62 0.00	34.22 2.63 0.00	32.98 2.54 -0.01	28.76 2.10 0.00	25.44 1.69 0.00
HOLTSVILLE_IC_2 23691	22.17 1.36 0.00	19.82 0.97 0.00	18.24 0.87 0.00	17.25 0.90 0.00	16.89 0.92 0.00	18.95 0.92 0.00	19.24 1.02 0.00	18.74 1.06 0.00	19.92 1.22 0.00	21.08 1.34 0.00	26.68 1.97 0.00	31.44 2.40 0.00	29.82 2.37 -1.12	30.76 2.26 -2.95	30.91 2.50 -2.43	32.30 2.92 -0.07	30.37 2.72 -0.02	33.34 2.70 0.00	31.13 2.52 0.00	30.55 2.44 0.00	34.02 2.44 0.00	32.80 2.36 -0.01	28.61 1.95 0.00	25.33 1.58 0.00
HOLTSVILLE_IC_3 23692	22.17 1.36 0.00	19.82 0.97 0.00	18.24 0.87 0.00	17.25 0.90 0.00	16.89 0.92 0.00	18.95 0.92 0.00	19.24 1.02 0.00	18.74 1.06 0.00	19.92 1.22 0.00	21.08 1.34 0.00	26.68 1.97 0.00	31.44 2.40 0.00	29.82 2.37 -1.12	30.76 2.26 -2.95	30.91 2.50 -2.43	32.30 2.92 -0.07	30.37 2.72 -0.02	33.34 2.70 0.00	31.13 2.52 0.00	30.55 2.44 0.00	34.02 2.44 0.00	32.80 2.36 -0.01	28.61 1.95 0.00	25.33 1.58 0.00

HOLTSVILLE_IC_4 23693	22.17 1.36 0.00	19.82 0.97 0.00	18.24 0.87 0.00	17.25 0.90 0.00	16.89 0.92 0.00	18.95 0.92 0.00	19.24 1.02 0.00	18.74 1.06 0.00	19.92 1.22 0.00	21.08 1.34 0.00	26.68 1.97 0.00	31.44 2.40 0.00	29.82 2.37 -1.12	30.76 2.26 -2.95	30.91 2.50 -2.43	32.30 2.92 -0.07	30.37 2.72 -0.02	33.34 2.70 0.00	31.13 2.52 0.00	30.55 2.44 0.00	34.02 2.44 0.00	32.80 2.36 -0.01	28.61 1.95 0.00	25.33 1.58 0.00
HOLTSVILLE_IC_5 23694	22.17 1.36 0.00	19.82 0.97 0.00	18.24 0.87 0.00	17.25 0.90 0.00	16.89 0.92 0.00	18.95 0.92 0.00	19.24 1.02 0.00	18.74 1.06 0.00	19.92 1.22 0.00	21.08 1.34 0.00	26.68 1.97 0.00	31.44 2.40 0.00	29.82 2.37 -1.12	30.76 2.26 -2.95	30.91 2.50 -2.43	32.30 2.92 -0.07	30.37 2.72 -0.02	33.34 2.70 0.00	31.13 2.52 0.00	30.55 2.44 0.00	34.02 2.44 0.00	32.80 2.36 -0.01	28.61 1.95 0.00	25.33 1.58 0.00
HOLTSVILLE_IC_6 23695	22.27 1.45 0.00	19.89 1.05 0.00	18.30 0.93 0.00	17.31 0.96 0.00	16.95 0.99 0.00	19.02 1.00 0.00	19.31 1.09 0.00	18.81 1.13 0.00	20.01 1.30 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.61 2.57 0.00	29.98 2.53 -1.12	30.93 2.43 -2.95	31.09 2.68 -2.43	32.52 3.14 -0.07	30.57 2.92 -0.02	33.54 2.90 0.00	31.31 2.70 0.00	30.73 2.62 0.00	34.22 2.63 0.00	32.98 2.54 -0.01	28.76 2.10 0.00	25.44 1.69 0.00
HOLTSVILLE_IC_7 23696	22.27 1.45 0.00	19.89 1.05 0.00	18.30 0.93 0.00	17.31 0.96 0.00	16.95 0.99 0.00	19.02 1.00 0.00	19.31 1.09 0.00	18.81 1.13 0.00	20.01 1.30 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.61 2.57 0.00	29.98 2.53 -1.12	30.93 2.43 -2.95	31.09 2.68 -2.43	32.52 3.14 -0.07	30.57 2.92 -0.02	33.54 2.90 0.00	31.31 2.70 0.00	30.73 2.62 0.00	34.22 2.63 0.00	32.98 2.54 -0.01	28.76 2.10 0.00	25.44 1.69 0.00
HOLTSVILLE_IC_8 23697	22.27 1.45 0.00	19.89 1.05 0.00	18.30 0.93 0.00	17.31 0.96 0.00	16.95 0.99 0.00	19.02 1.00 0.00	19.31 1.09 0.00	18.81 1.13 0.00	20.01 1.30 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.61 2.57 0.00	29.98 2.53 -1.12	30.93 2.43 -2.95	31.09 2.68 -2.43	32.52 3.14 -0.07	30.57 2.92 -0.02	33.54 2.90 0.00	31.31 2.70 0.00	30.73 2.62 0.00	34.22 2.63 0.00	32.98 2.54 -0.01	28.76 2.10 0.00	25.44 1.69 0.00
HOLTSVILLE_IC_9 23698	22.27 1.45 0.00	19.89 1.05 0.00	18.30 0.93 0.00	17.31 0.96 0.00	16.95 0.99 0.00	19.02 1.00 0.00	19.31 1.09 0.00	18.81 1.13 0.00	20.01 1.30 0.00	21.19 1.44 0.00	26.81 2.09 0.00	31.61 2.57 0.00	29.98 2.53 -1.12	30.93 2.43 -2.95	31.09 2.68 -2.43	32.52 3.14 -0.07	30.57 2.92 -0.02	33.54 2.90 0.00	31.31 2.70 0.00	30.73 2.62 0.00	34.22 2.63 0.00	32.98 2.54 -0.01	28.76 2.10 0.00	25.44 1.69 0.00
HOMER_HL_115KV_TB2 355744	21.16 0.35 0.00	19.00 0.16 0.00	17.48 0.12 0.00	16.46 0.11 0.00	16.05 0.09 0.00	18.36 0.33 0.00	18.67 0.44 0.00	18.25 0.57 0.00	19.50 0.79 0.00	20.72 0.97 0.00	26.22 1.50 0.00	30.35 1.31 0.00	27.06 0.73 0.00	26.39 0.85 0.00	26.45 0.46 0.00	30.14 0.83 0.00	28.36 0.73 0.00	31.31 0.68 0.00	28.98 0.37 0.00	28.40 0.29 0.00	31.88 0.30 0.00	30.50 0.08 0.00	26.93 0.26 0.00	24.39 0.65 0.00
HOWARD_WT_PWR 323690	21.27 0.46 0.00	19.10 0.25 0.00	17.54 0.17 0.00	16.47 0.12 0.00	16.07 0.10 0.00	18.37 0.34 0.00	18.62 0.40 0.00	18.18 0.51 0.00	19.43 0.73 0.00	20.62 0.87 0.00	26.01 1.27 -0.02	30.20 1.11 -0.05	27.18 0.77 -0.08	26.46 0.91 0.00	26.51 0.52 0.00	30.07 0.76 0.00	28.32 0.69 0.00	31.41 0.61 -0.16	28.84 0.23 0.00	28.68 0.30 -0.27	31.78 0.20 0.00	30.25 -0.17 0.00	26.59 -0.08 0.00	24.08 0.33 0.00
HQ_GEN_CEDARS 23644	20.73 -0.08 0.00	18.88 0.04 0.00	17.38 0.01 0.00	16.34 0.00 0.00	15.96 0.00 0.00	18.05 0.02 0.00	18.18 -0.04 0.00	17.59 -0.09 0.00	18.60 -0.10 0.00	19.63 -0.12 0.00	24.53 -0.19 0.00	28.86 -0.17 0.00	26.12 -0.21 0.00	25.33 -0.21 0.00	25.72 -0.26 0.00	29.04 -0.28 0.00	27.33 -0.31 0.00	30.26 -0.38 0.00	28.16 -0.45 0.00	27.62 -0.49 0.00	31.30 -0.28 0.00	30.24 -0.18 0.00	26.70 0.03 0.00	23.65 -0.10 0.00
HQ_GEN_CEDARS_PROXY 323590	20.73 -0.08 0.00	18.88 0.04 0.00	17.38 0.01 0.00	16.34 0.00 0.00	15.96 0.00 0.00	18.05 0.02 0.00	18.18 -0.04 0.00	17.59 -0.09 0.00	18.61 -0.10 0.00	19.63 -0.12 0.00	24.53 -0.19 0.00	28.86 -0.17 0.00	26.12 -0.21 0.00	25.33 -0.21 0.00	25.72 -0.26 0.00	29.03 -0.28 0.00	27.33 -0.31 0.00	30.26 -0.38 0.00	28.16 -0.45 0.00	27.62 -0.48 0.00	31.30 -0.28 0.00	30.24 -0.18 0.00	26.70 0.03 0.00	23.65 -0.10 0.00
HQ_GEN_IMPORT 323601	20.62 -0.19 0.00	18.77 -0.08 0.00	17.28 -0.08 0.00	16.26 -0.08 0.00	15.88 -0.08 0.00	17.93 -0.09 0.00	18.08 -0.14 0.00	17.56 -0.11 0.00	18.58 -0.13 0.00	19.61 -0.14 0.00	24.53 -0.19 0.00	28.84 -0.20 0.00	26.08 -0.23 0.03	25.29 -0.26 0.00	25.71 -0.27 0.00	29.02 -0.30 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.22 -0.38 0.00	27.70 -0.42 0.00	31.38 -0.31 -0.11	30.60 -0.26 -0.44	26.54 0.00 0.00	23.52 -0.23 0.00
HQ_GEN_WHEEL 23651	20.62 -0.19 0.00	18.77 -0.08 0.00	17.28 -0.08 0.00	16.26 -0.08 0.00	15.88 -0.08 0.00	17.93 -0.09 0.00	18.08 -0.14 0.00	17.56 -0.11 0.00	18.58 -0.13 0.00	19.61 -0.14 0.00	24.53 -0.19 0.00	28.84 -0.20 0.00	26.08 -0.23 0.03	25.29 -0.26 0.00	25.71 -0.27 0.00	29.02 -0.30 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.22 -0.38 0.00	27.70 -0.42 0.00	31.38 -0.31 -0.11	30.60 -0.26 -0.44	26.54 0.00 0.00	23.52 -0.23 0.00
HUDSON_AVE_GT_3 23810	22.02 1.21 0.00	19.78 0.94 0.00	18.26 0.90 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.90 0.87 0.00	19.27 1.05 0.00	18.69 1.02 0.00	19.83 1.12 0.00	21.03 1.29 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.48 2.15 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.87 2.56 0.00	30.04 2.41 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.34 2.23 0.00	33.78 2.19 0.00	32.46 2.04 0.00	28.37 1.71 0.00	25.22 1.47 0.00
HUDSON_AVE_GT_4 23540	22.02 1.21 0.00	19.78 0.94 0.00	18.26 0.90 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.90 0.87 0.00	19.27 1.05 0.00	18.69 1.02 0.00	19.83 1.12 0.00	21.03 1.29 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.48 2.15 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.87 2.56 0.00	30.04 2.41 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.34 2.23 0.00	33.78 2.19 0.00	32.46 2.04 0.00	28.37 1.71 0.00	25.22 1.47 0.00
HUDSON_AVE_GT_5 23657	22.02 1.21 0.00	19.78 0.94 0.00	18.26 0.90 0.00	17.22 0.87 0.00	16.78 0.82 0.00	18.90 0.87 0.00	19.27 1.05 0.00	18.69 1.02 0.00	19.83 1.12 0.00	21.03 1.29 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.48 2.15 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.87 2.56 0.00	30.04 2.41 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.34 2.23 0.00	33.78 2.19 0.00	32.46 2.04 0.00	28.37 1.71 0.00	25.22 1.47 0.00

HUDSON_AVE_10 24168	21.92 1.11 0.00	19.70 0.86 0.00	18.20 0.83 0.00	17.17 0.82 0.00	16.72 0.76 0.00	18.83 0.80 0.00	19.21 0.98 0.00	18.62 0.95 0.00	19.74 1.03 0.00	20.94 1.20 0.00	26.33 1.61 0.00	31.02 1.98 0.00	28.35 2.02 0.00	27.46 1.92 0.00	28.09 2.11 0.00	31.72 2.41 0.00	29.91 2.28 0.00	33.00 2.37 0.00	30.79 2.18 0.00	30.19 2.08 0.00	33.60 2.01 0.00	32.31 1.88 0.00	28.27 1.60 0.00	25.12 1.38 0.00
HUDSON___115KV_TB 4 355613	21.47 0.66 0.00	19.38 0.54 0.00	17.88 0.51 0.00	16.85 0.50 0.00	16.47 0.51 0.00	18.52 0.50 0.00	18.77 0.55 0.00	18.19 0.51 0.00	19.21 0.51 0.00	20.24 0.49 0.00	25.30 0.58 0.00	29.73 0.69 0.00	27.01 0.68 0.00	26.24 0.69 0.00	26.82 0.84 0.00	30.09 0.77 0.00	28.39 0.76 0.00	31.66 1.03 0.00	29.81 1.20 0.00	29.48 1.37 0.00	33.02 1.43 0.00	31.86 1.44 0.00	27.69 1.03 0.00	24.58 0.84 0.00
HUNTER MOUNT___DRP 323613	21.54 0.72 0.00	19.45 0.61 0.00	17.93 0.57 0.00	16.90 0.56 0.00	16.53 0.57 0.00	18.60 0.57 0.00	18.84 0.62 0.00	18.24 0.57 0.00	19.27 0.56 0.00	20.27 0.53 0.00	25.32 0.60 0.00	29.72 0.68 0.00	26.98 0.65 0.00	26.24 0.69 0.00	26.82 0.83 0.00	30.02 0.71 0.00	28.33 0.70 0.00	31.63 1.00 0.00	29.84 1.23 0.00	29.58 1.47 0.00	33.17 1.59 0.00	32.03 1.61 0.00	27.80 1.14 0.00	24.67 0.93 0.00
HUNTINGTON_RES_REC 323705	22.24 1.42 0.00	19.87 1.03 0.00	18.27 0.90 0.00	17.27 0.92 0.00	16.89 0.92 0.00	18.97 0.94 0.00	19.28 1.06 0.00	18.76 1.09 0.00	19.96 1.26 0.00	21.15 1.41 0.00	26.79 2.07 0.00	31.58 2.54 0.00	29.95 2.50 -1.12	30.91 2.41 -2.95	31.04 2.63 -2.43	32.46 3.08 -0.07	30.54 2.89 -0.02	33.56 2.92 0.00	31.33 2.72 0.00	30.74 2.63 0.00	34.21 2.63 0.00	32.95 2.52 -0.01	28.71 2.04 0.00	25.40 1.65 0.00
HUNTLEY___63 23557	21.04 0.23 0.00	18.91 0.07 0.00	17.28 -0.09 0.00	16.21 -0.14 0.00	15.84 -0.12 0.00	18.16 0.13 0.00	18.45 0.23 0.00	17.94 0.26 0.00	19.07 0.37 0.00	20.26 0.51 0.00	25.47 0.76 0.00	29.45 0.41 0.00	26.51 0.18 0.00	26.01 0.46 0.00	25.71 -0.28 0.00	29.22 -0.09 0.00	27.54 -0.10 0.00	30.44 -0.19 0.00	28.15 -0.45 0.00	27.76 -0.35 0.00	31.23 -0.35 0.00	29.96 -0.46 0.00	26.44 -0.22 0.00	24.22 0.48 0.00
HUNTLEY___64 23558	21.04 0.23 0.00	18.91 0.07 0.00	17.28 -0.09 0.00	16.21 -0.14 0.00	15.84 -0.12 0.00	18.16 0.13 0.00	18.45 0.23 0.00	17.94 0.26 0.00	19.07 0.37 0.00	20.26 0.51 0.00	25.47 0.76 0.00	29.45 0.41 0.00	26.51 0.18 0.00	26.01 0.46 0.00	25.71 -0.28 0.00	29.22 -0.09 0.00	27.54 -0.10 0.00	30.44 -0.19 0.00	28.15 -0.45 0.00	27.76 -0.35 0.00	31.23 -0.35 0.00	29.96 -0.46 0.00	26.44 -0.22 0.00	24.22 0.48 0.00
HUNTLEY___65 23559	21.04 0.23 0.00	18.91 0.07 0.00	17.28 -0.09 0.00	16.21 -0.14 0.00	15.84 -0.12 0.00	18.16 0.13 0.00	18.45 0.23 0.00	17.94 0.26 0.00	19.07 0.37 0.00	20.26 0.51 0.00	25.47 0.76 0.00	29.45 0.41 0.00	26.51 0.18 0.00	26.01 0.46 0.00	25.71 -0.28 0.00	29.22 -0.09 0.00	27.54 -0.10 0.00	30.44 -0.19 0.00	28.15 -0.45 0.00	27.76 -0.35 0.00	31.23 -0.35 0.00	29.96 -0.46 0.00	26.44 -0.22 0.00	24.22 0.48 0.00
HUNTLEY___66 23560	21.04 0.23 0.00	18.91 0.07 0.00	17.28 -0.09 0.00	16.21 -0.14 0.00	15.84 -0.12 0.00	18.16 0.13 0.00	18.45 0.23 0.00	17.94 0.26 0.00	19.07 0.37 0.00	20.26 0.51 0.00	25.47 0.76 0.00	29.45 0.41 0.00	26.51 0.18 0.00	26.01 0.46 0.00	25.71 -0.28 0.00	29.22 -0.09 0.00	27.54 -0.10 0.00	30.44 -0.19 0.00	28.15 -0.45 0.00	27.76 -0.35 0.00	31.23 -0.35 0.00	29.96 -0.46 0.00	26.44 -0.22 0.00	24.22 0.48 0.00
HUNTLEY___67 23561	20.88 0.07 0.00	18.77 -0.08 0.00	17.15 -0.21 0.00	16.09 -0.26 0.00	15.72 -0.24 0.00	18.01 -0.02 0.00	18.30 0.08 0.00	17.80 0.12 0.00	18.92 0.21 0.00	20.08 0.34 0.00	25.26 0.54 0.00	29.18 0.14 0.00	26.26 -0.07 0.00	25.75 0.20 0.00	25.52 -0.46 0.00	29.05 -0.26 0.00	27.36 -0.27 0.00	30.23 -0.41 0.00	27.97 -0.64 0.00	27.54 -0.57 0.00	30.98 -0.60 0.00	29.71 -0.72 0.00	26.24 -0.43 0.00	24.02 0.27 0.00
HUNTLEY___68 23562	20.88 0.07 0.00	18.77 -0.08 0.00	17.15 -0.21 0.00	16.09 -0.26 0.00	15.72 -0.24 0.00	18.01 -0.02 0.00	18.30 0.08 0.00	17.80 0.12 0.00	18.92 0.21 0.00	20.08 0.34 0.00	25.26 0.54 0.00	29.18 0.14 0.00	26.26 -0.07 0.00	25.75 0.20 0.00	25.52 -0.46 0.00	29.05 -0.26 0.00	27.36 -0.27 0.00	30.23 -0.41 0.00	27.97 -0.64 0.00	27.54 -0.57 0.00	30.98 -0.60 0.00	29.71 -0.72 0.00	26.24 -0.43 0.00	24.02 0.27 0.00
HYLAND___LFGE 323620	21.85 1.04 0.00	19.60 0.76 0.00	17.96 0.60 0.00	16.86 0.51 0.00	16.47 0.51 0.00	18.85 0.82 0.00	19.15 0.92 0.00	18.46 0.78 0.00	19.30 0.59 0.00	20.41 0.66 0.00	25.63 0.91 0.00	29.72 0.68 0.00	26.66 0.33 0.00	25.64 0.09 0.00	25.54 -0.45 0.00	28.95 -0.36 0.00	27.29 -0.34 0.00	30.31 -0.33 0.00	28.14 -0.47 0.00	28.14 0.03 0.00	32.06 0.47 0.00	30.88 0.45 0.00	27.59 0.93 0.00	25.12 1.38 0.00
INDECK___CORINTH 23802	21.71 0.90 0.00	19.57 0.73 0.00	18.05 0.68 0.00	17.02 0.67 0.00	16.62 0.66 0.00	18.73 0.70 0.00	19.05 0.83 0.00	18.45 0.77 0.00	19.41 0.70 0.00	20.46 0.72 0.00	25.41 0.69 0.00	29.84 0.80 0.00	27.11 0.78 0.00	26.08 0.54 0.00	26.71 0.73 0.00	30.08 0.76 0.00	28.36 0.73 0.00	31.65 1.01 0.00	30.10 1.49 0.00	29.92 1.81 0.00	33.36 1.77 0.00	32.05 1.63 0.00	27.96 1.30 0.00	24.80 1.06 0.00
INDECK___ILION 23567	20.74 -0.07 0.00	18.74 -0.10 0.00	17.30 -0.07 0.00	16.30 -0.05 0.00	15.93 -0.03 0.00	17.97 -0.06 0.00	18.19 -0.03 0.00	17.65 -0.02 0.00	18.66 -0.05 0.00	19.66 -0.08 0.00	24.64 -0.07 0.00	28.94 -0.10 0.00	26.30 -0.03 0.00	25.55 0.00 0.00	26.09 0.11 0.00	29.34 0.03 0.00	27.67 0.04 0.00	30.76 0.12 0.00	28.86 0.26 0.00	28.51 0.40 0.00	31.89 0.30 0.00	30.69 0.26 0.00	26.70 0.04 0.00	23.72 -0.02 0.00
INDECK___OLEAN 23982	21.16 0.35 0.00	19.01 0.16 0.00	17.48 0.12 0.00	16.46 0.11 0.00	16.05 0.09 0.00	18.36 0.33 0.00	18.67 0.44 0.00	18.25 0.57 0.00	19.50 0.79 0.00	20.72 0.97 0.00	26.22 1.50 0.00	30.35 1.31 0.00	27.06 0.73 0.00	26.39 0.85 0.00	26.44 0.46 0.00	30.14 0.82 0.00	28.36 0.73 0.00	31.31 0.68 0.00	28.98 0.38 0.00	28.41 0.30 0.00	31.88 0.30 0.00	30.50 0.08 0.00	26.93 0.26 0.00	24.39 0.65 0.00
INDECK___OSWEGO 23783	20.52 -0.29 0.00	18.53 -0.31 0.00	17.07 -0.30 0.00	16.05 -0.29 0.00	15.68 -0.29 0.00	17.75 -0.28 0.00	17.97 -0.26 0.00	17.67 0.00 0.00	18.65 -0.05 0.00	19.33 -0.41 0.00	24.43 -0.56 -0.27	28.96 -0.70 -0.62	26.62 -0.64 -0.93	24.97 -0.57 0.00	25.35 -0.63 0.00	28.64 -0.67 0.00	27.02 -0.61 0.00	31.82 -0.66 -1.84	27.99 -0.61 0.00	30.49 -0.60 -2.97	30.87 -0.71 0.00	29.70 -0.72 0.00	25.99 -0.67 0.00	23.31 -0.43 0.00

INDECK___YERKES 23781	21.06 0.25 0.00	18.93 0.09 0.00	17.30 -0.07 0.00	16.22 -0.12 0.00	15.86 -0.10 0.00	18.18 0.15 0.00	18.48 0.25 0.00	17.96 0.28 0.00	19.10 0.39 0.00	20.29 0.54 0.00	25.50 0.79 0.00	29.49 0.45 0.00	26.54 0.21 0.00	26.04 0.49 0.00	25.74 -0.24 0.00	29.25 -0.06 0.00	27.57 -0.06 0.00	30.48 -0.15 0.00	28.19 -0.42 0.00	27.79 -0.32 0.00	31.27 -0.32 0.00	29.99 -0.43 0.00	26.47 -0.20 0.00	24.24 0.50 0.00
INDIAN POINT_GT_1 24139	21.81 1.00 0.00	19.60 0.76 0.00	18.08 0.72 0.00	17.05 0.70 0.00	16.62 0.66 0.00	18.72 0.70 0.00	19.07 0.85 0.00	18.50 0.82 0.00	19.61 0.90 0.00	20.78 1.03 0.00	26.17 1.45 0.00	30.86 1.82 0.00	28.13 1.80 0.00	27.27 1.72 0.00	27.88 1.90 0.00	31.47 2.16 0.00	29.68 2.04 0.00	32.82 2.19 0.00	30.65 2.05 0.00	30.07 1.96 0.00	33.49 1.90 0.00	32.21 1.78 0.00	28.10 1.44 0.00	24.98 1.23 0.00
INDIAN POINT_GT_2 23659	21.81 1.00 0.00	19.60 0.76 0.00	18.08 0.72 0.00	17.05 0.70 0.00	16.62 0.66 0.00	18.72 0.70 0.00	19.07 0.85 0.00	18.50 0.82 0.00	19.61 0.90 0.00	20.78 1.03 0.00	26.17 1.45 0.00	30.86 1.82 0.00	28.13 1.80 0.00	27.27 1.72 0.00	27.88 1.90 0.00	31.47 2.16 0.00	29.68 2.04 0.00	32.82 2.19 0.00	30.65 2.05 0.00	30.07 1.96 0.00	33.49 1.90 0.00	32.21 1.78 0.00	28.10 1.44 0.00	24.98 1.23 0.00
INDIAN POINT_GT_3 24019	21.81 1.00 0.00	19.60 0.76 0.00	18.08 0.72 0.00	17.05 0.70 0.00	16.62 0.66 0.00	18.72 0.70 0.00	19.07 0.85 0.00	18.50 0.82 0.00	19.61 0.90 0.00	20.78 1.03 0.00	26.17 1.45 0.00	30.86 1.82 0.00	28.13 1.80 0.00	27.27 1.72 0.00	27.88 1.90 0.00	31.47 2.16 0.00	29.68 2.04 0.00	32.82 2.19 0.00	30.65 2.05 0.00	30.07 1.96 0.00	33.49 1.90 0.00	32.21 1.78 0.00	28.10 1.44 0.00	24.98 1.23 0.00
INDIAN POINT___2 23530	21.77 0.96 0.00	19.57 0.72 0.00	18.05 0.69 0.00	17.02 0.67 0.00	16.60 0.63 0.00	18.70 0.67 0.00	19.05 0.82 0.00	18.47 0.79 0.00	19.57 0.87 0.00	20.74 1.00 0.00	26.14 1.42 0.00	30.82 1.78 0.00	28.09 1.76 0.00	27.23 1.69 0.00	27.84 1.86 0.00	31.42 2.11 0.00	29.64 2.01 0.00	32.78 2.14 0.00	30.61 2.00 0.00	30.01 1.90 0.00	33.43 1.85 0.00	32.14 1.72 0.00	28.06 1.39 0.00	24.93 1.19 0.00
INDIAN POINT___3 23531	21.79 0.98 0.00	19.58 0.74 0.00	18.06 0.70 0.00	17.03 0.69 0.00	16.61 0.65 0.00	18.70 0.68 0.00	19.06 0.83 0.00	18.47 0.80 0.00	19.58 0.88 0.00	20.75 1.01 0.00	26.14 1.42 0.00	30.81 1.77 0.00	28.09 1.76 0.00	27.23 1.68 0.00	27.84 1.86 0.00	31.41 2.10 0.00	29.63 2.00 0.00	32.77 2.13 0.00	30.60 1.99 0.00	30.02 1.91 0.00	33.44 1.85 0.00	32.15 1.73 0.00	28.06 1.40 0.00	24.94 1.20 0.00
INGHAM_C_115KV_TB7 356103	20.48 -0.33 0.00	18.48 -0.36 0.00	17.09 -0.27 0.00	16.12 -0.23 0.00	15.79 -0.17 0.00	17.77 -0.26 0.00	18.01 -0.22 0.00	17.50 -0.18 0.00	18.44 -0.26 0.00	19.42 -0.33 0.00	24.36 -0.36 0.00	28.62 -0.42 0.00	26.07 -0.26 0.00	25.35 -0.19 0.00	26.03 0.05 0.00	29.17 -0.14 0.00	27.47 -0.16 0.00	30.62 -0.02 0.00	28.90 0.29 0.00	28.71 0.60 0.00	31.98 0.40 0.00	30.74 0.31 0.00	26.55 -0.12 0.00	23.50 -0.24 0.00
IP CORINTH___1 23988	21.83 1.02 0.00	19.68 0.84 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.71 0.74 0.00	18.83 0.80 0.00	19.15 0.93 0.00	18.55 0.88 0.00	19.51 0.80 0.00	20.58 0.83 0.00	25.56 0.84 0.00	30.01 0.97 0.00	27.27 0.94 0.00	26.24 0.69 0.00	26.86 0.88 0.00	30.25 0.94 0.00	28.52 0.89 0.00	31.83 1.19 0.00	30.27 1.66 0.00	30.09 1.98 0.00	33.55 1.96 0.00	32.23 1.81 0.00	28.11 1.45 0.00	24.94 1.19 0.00
IP___TICONDEROGA 23804	23.16 2.35 0.00	20.81 1.97 0.00	19.18 1.82 0.00	18.12 1.77 0.00	17.67 1.71 0.00	19.92 1.90 0.00	20.34 2.12 0.00	19.65 1.98 0.00	20.48 1.77 0.00	21.59 1.85 0.00	26.86 2.14 0.00	31.55 2.51 0.00	28.75 2.42 0.00	27.69 2.14 0.00	28.37 2.39 0.00	32.11 2.79 0.00	30.18 2.55 0.00	33.83 3.20 0.00	32.25 3.64 0.00	32.08 3.97 0.00	35.52 3.94 0.00	34.21 3.79 0.00	29.65 2.98 0.00	26.31 2.57 0.00
ISLIP_RES_REC 323679	22.35 1.54 0.00	19.95 1.11 0.00	18.36 0.99 0.00	17.37 1.02 0.00	17.00 1.04 0.00	19.09 1.06 0.00	19.39 1.16 0.00	18.87 1.20 0.00	20.09 1.39 0.00	21.28 1.54 0.00	26.95 2.23 0.00	31.79 2.75 0.00	30.15 2.70 -1.12	31.09 2.60 -2.95	31.27 2.85 -2.43	32.73 3.35 -0.07	30.76 3.12 -0.02	33.74 3.11 0.00	31.50 2.90 0.00	30.91 2.80 0.00	34.41 2.82 0.00	33.16 2.72 -0.01	28.90 2.24 0.00	25.54 1.80 0.00
JAMAICA__27_KV_LOAD 355505	22.07 1.25 0.00	19.83 0.98 0.00	18.33 0.97 0.00	17.30 0.95 0.00	16.84 0.88 0.00	18.97 0.94 0.00	19.35 1.13 0.00	18.74 1.07 0.00	19.85 1.14 0.00	21.05 1.30 0.00	26.41 1.70 0.00	31.09 2.05 0.00	28.47 2.14 0.00	27.59 2.04 0.00	28.22 2.24 0.00	31.85 2.54 0.00	30.06 2.43 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.33 2.22 0.00	33.76 2.17 0.00	32.47 2.05 0.00	28.49 1.83 0.00	25.30 1.55 0.00
JANIS___SOLAR 323808	21.73 0.92 0.00	19.58 0.74 0.00	18.02 0.66 0.00	16.94 0.59 0.00	16.56 0.60 0.00	18.81 0.78 0.00	19.08 0.86 0.00	18.49 0.82 0.00	19.50 0.79 0.00	20.42 0.67 0.00	25.56 0.79 -0.05	29.97 0.81 -0.11	27.34 0.83 -0.18	26.43 0.89 0.00	26.77 0.79 0.00	30.30 0.98 0.00	28.68 1.05 0.00	32.41 1.42 -0.35	30.11 1.50 0.00	30.35 1.68 -0.56	33.48 1.89 0.00	32.12 1.69 0.00	27.99 1.33 0.00	24.95 1.21 0.00
JARVIS____ 23743	20.85 0.04 0.00	18.86 0.02 0.00	17.38 0.02 0.00	16.36 0.02 0.00	15.98 0.02 0.00	18.05 0.02 0.00	18.26 0.04 0.00	17.71 0.03 0.00	18.73 0.02 0.00	19.76 0.02 0.00	24.75 0.04 0.00	29.07 0.03 0.00	26.38 0.05 0.00	25.59 0.05 0.00	26.06 0.08 0.00	29.38 0.07 0.00	27.71 0.08 0.00	30.73 0.09 0.00	28.72 0.12 0.00	28.25 0.14 0.00	31.69 0.10 0.00	30.51 0.09 0.00	26.70 0.04 0.00	23.80 0.06 0.00
JENNISON___1 23625	21.83 1.02 0.00	19.66 0.82 0.00	18.12 0.75 0.00	17.05 0.70 0.00	16.65 0.69 0.00	18.90 0.87 0.00	19.19 0.97 0.00	18.65 0.97 0.00	19.76 1.06 0.00	20.86 1.12 0.00	26.20 1.45 -0.03	30.63 1.51 -0.07	27.88 1.42 -0.13	26.98 1.43 0.00	27.34 1.36 0.00	30.97 1.65 0.00	29.24 1.61 0.00	32.82 1.94 -0.25	30.46 1.85 0.00	30.45 1.93 -0.41	33.67 2.08 0.00	32.30 1.87 0.00	28.16 1.50 0.00	25.08 1.33 0.00
JENNISON___2 23626	21.83 1.02 0.00	19.66 0.82 0.00	18.12 0.75 0.00	17.05 0.70 0.00	16.65 0.69 0.00	18.90 0.87 0.00	19.19 0.97 0.00	18.65 0.97 0.00	19.76 1.06 0.00	20.86 1.12 0.00	26.20 1.45 -0.03	30.63 1.51 -0.07	27.88 1.42 -0.13	26.98 1.43 0.00	27.34 1.36 0.00	30.97 1.65 0.00	29.24 1.61 0.00	32.82 1.94 -0.25	30.46 1.85 0.00	30.45 1.93 -0.41	33.67 2.08 0.00	32.30 1.87 0.00	28.16 1.50 0.00	25.08 1.33 0.00

JERICO_RISE_WT_PWR 323719	21.12 0.31 0.00	19.24 0.40 0.00	17.73 0.37 0.00	16.69 0.34 0.00	16.31 0.35 0.00	18.45 0.43 0.00	18.66 0.44 0.00	17.98 0.31 0.00	19.02 0.31 0.00	20.09 0.34 0.00	25.08 0.36 0.00	29.49 0.45 0.00	26.73 0.40 0.00	25.92 0.37 0.00	26.39 0.41 0.00	29.75 0.43 0.00	28.01 0.38 0.00	31.20 0.56 0.00	29.08 0.47 0.00	28.57 0.47 0.00	32.20 0.61 0.00	31.04 0.62 0.00	27.30 0.64 0.00	24.15 0.41 0.00
KATONAH__115KV_46KV_TB4 355592	21.94 1.14 0.00	19.72 0.87 0.00	18.19 0.83 0.00	17.15 0.80 0.00	16.72 0.76 0.00	18.84 0.81 0.00	19.20 0.97 0.00	18.62 0.94 0.00	19.75 1.05 0.00	20.94 1.19 0.00	26.35 1.64 0.00	31.07 2.03 0.00	28.34 2.00 0.00	27.48 1.94 0.00	28.10 2.12 0.00	31.72 2.41 0.00	29.92 2.29 0.00	33.10 2.46 0.00	30.90 2.30 0.00	30.31 2.21 0.00	33.76 2.17 0.00	32.47 2.05 0.00	28.32 1.65 0.00	25.14 1.40 0.00
KCE_NY_1 323755	21.83 1.02 0.00	19.71 0.86 0.00	18.19 0.83 0.00	17.13 0.78 0.00	16.74 0.78 0.00	18.85 0.83 0.00	19.14 0.92 0.00	18.54 0.87 0.00	19.58 0.87 0.00	20.65 0.90 0.00	25.78 1.07 0.00	30.27 1.23 0.00	27.50 1.17 0.00	26.61 1.07 0.00	27.22 1.23 0.00	30.60 1.29 0.00	28.87 1.24 0.00	32.10 1.46 0.00	30.30 1.69 0.00	29.95 1.85 0.00	33.47 1.89 0.00	32.24 1.82 0.00	28.10 1.43 0.00	24.95 1.20 0.00
KCE_NY_6_ESR 323823	21.10 0.29 0.00	18.95 0.11 0.00	17.33 -0.03 0.00	16.27 -0.08 0.00	15.88 -0.08 0.00	18.20 0.17 0.00	18.50 0.28 0.00	18.02 0.34 0.00	19.18 0.47 0.00	20.37 0.62 0.00	25.65 0.93 0.00	29.66 0.62 0.00	26.68 0.34 0.00	26.17 0.63 0.00	26.00 0.02 0.00	29.60 0.29 0.00	27.87 0.24 0.00	30.79 0.15 0.00	28.45 -0.16 0.00	28.00 -0.12 0.00	31.46 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.53 0.00
KEDC_PORT_JEFF_GT2 24210	22.24 1.43 0.00	19.87 1.03 0.00	18.28 0.92 0.00	17.30 0.95 0.00	16.93 0.97 0.00	19.01 0.98 0.00	19.29 1.07 0.00	18.79 1.11 0.00	19.99 1.28 0.00	21.16 1.41 0.00	26.78 2.06 0.00	31.57 2.53 0.00	29.92 2.48 -1.12	30.87 2.37 -2.95	31.03 2.62 -2.43	32.45 3.07 -0.07	30.42 2.77 -0.02	33.25 2.61 0.00	31.04 2.43 0.00	30.61 2.50 0.00	34.10 2.51 0.00	32.88 2.44 -0.01	28.69 2.02 0.00	25.39 1.64 0.00
KEDC_PORT_JEFF_GT3 24211	22.24 1.43 0.00	19.87 1.03 0.00	18.28 0.92 0.00	17.30 0.95 0.00	16.93 0.97 0.00	19.01 0.98 0.00	19.29 1.07 0.00	18.79 1.11 0.00	19.99 1.28 0.00	21.16 1.41 0.00	26.78 2.06 0.00	31.57 2.53 0.00	29.92 2.48 -1.12	30.87 2.37 -2.95	31.03 2.62 -2.43	32.45 3.07 -0.07	30.42 2.77 -0.02	33.25 2.61 0.00	31.04 2.43 0.00	30.61 2.50 0.00	34.10 2.51 0.00	32.88 2.44 -0.01	28.69 2.02 0.00	25.39 1.64 0.00
KEDC_GLWD_GT4 24219	22.14 1.33 0.00	19.84 0.99 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.86 0.00	18.94 0.91 0.00	19.29 1.06 0.00	18.74 1.06 0.00	19.90 1.19 0.00	21.10 1.36 0.00	26.68 1.96 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.74 2.25 -2.95	30.77 2.36 -2.43	31.99 2.61 -0.07	30.12 2.47 -0.02	33.23 2.59 0.00	31.02 2.41 0.00	30.42 2.31 0.00	34.07 2.48 0.00	32.79 2.35 -0.01	28.56 1.90 0.00	25.33 1.59 0.00
KEDC_GLWD_GT5 24220	22.14 1.33 0.00	19.84 0.99 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.86 0.00	18.94 0.91 0.00	19.29 1.06 0.00	18.74 1.06 0.00	19.90 1.19 0.00	21.10 1.36 0.00	26.68 1.96 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.74 2.25 -2.95	30.77 2.36 -2.43	31.99 2.61 -0.07	30.12 2.47 -0.02	33.23 2.59 0.00	31.02 2.41 0.00	30.42 2.31 0.00	34.07 2.48 0.00	32.79 2.35 -0.01	28.56 1.90 0.00	25.33 1.59 0.00
KENSICO____ 23655	21.88 1.06 0.00	19.66 0.81 0.00	18.14 0.77 0.00	17.10 0.75 0.00	16.68 0.71 0.00	18.78 0.75 0.00	19.13 0.91 0.00	18.55 0.88 0.00	19.67 0.97 0.00	20.85 1.11 0.00	26.26 1.54 0.00	30.95 1.91 0.00	28.22 1.89 0.00	27.36 1.81 0.00	27.98 2.00 0.00	31.58 2.27 0.00	29.78 2.14 0.00	32.92 2.28 0.00	30.74 2.13 0.00	30.15 2.04 0.00	33.58 1.99 0.00	32.30 1.87 0.00	28.19 1.53 0.00	25.05 1.30 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	21.82 1.01 0.00	19.59 0.74 0.00	18.05 0.69 0.00	17.02 0.67 0.00	16.59 0.63 0.00	18.70 0.67 0.00	19.05 0.82 0.00	18.47 0.80 0.00	19.58 0.88 0.00	20.74 1.00 0.00	26.13 1.41 0.00	31.05 2.01 0.00	28.29 1.96 0.00	27.56 2.01 0.00	28.12 2.14 0.00	31.62 2.31 0.00	29.70 2.06 0.00	32.83 2.20 0.00	30.76 2.15 0.00	30.18 2.07 0.00	33.66 2.08 0.00	32.36 1.93 0.00	28.20 1.54 0.00	25.03 1.29 0.00
KIAC_JFK_GT1 23816	21.94 1.13 0.00	19.72 0.87 0.00	18.23 0.87 0.00	17.20 0.85 0.00	16.76 0.79 0.00	18.86 0.83 0.00	19.24 1.02 0.00	18.63 0.96 0.00	19.74 1.03 0.00	20.93 1.18 0.00	26.26 1.55 0.00	30.91 1.87 0.00	28.30 1.97 0.00	27.42 1.88 0.00	28.03 2.05 0.00	31.56 2.25 0.00	29.78 2.15 0.00	32.83 2.19 0.00	30.63 2.02 0.00	30.05 1.94 0.00	33.43 1.85 0.00	32.17 1.75 0.00	28.32 1.65 0.00	25.15 1.40 0.00
KIAC_JFK_GT2 23817	21.94 1.13 0.00	19.72 0.87 0.00	18.23 0.87 0.00	17.20 0.85 0.00	16.76 0.79 0.00	18.86 0.83 0.00	19.24 1.02 0.00	18.63 0.96 0.00	19.74 1.03 0.00	20.93 1.18 0.00	26.26 1.55 0.00	30.91 1.87 0.00	28.30 1.97 0.00	27.42 1.88 0.00	28.03 2.05 0.00	31.56 2.25 0.00	29.78 2.15 0.00	32.83 2.19 0.00	30.63 2.02 0.00	30.05 1.94 0.00	33.43 1.85 0.00	32.17 1.75 0.00	28.32 1.65 0.00	25.15 1.40 0.00
KIAC_JFK____ 323774	21.94 1.13 0.00	19.72 0.87 0.00	18.23 0.87 0.00	17.20 0.85 0.00	16.76 0.79 0.00	18.86 0.84 0.00	19.24 1.02 0.00	18.63 0.96 0.00	19.73 1.03 0.00	20.93 1.18 0.00	26.26 1.54 0.00	30.91 1.87 0.00	28.30 1.97 0.00	27.42 1.88 0.00	28.04 2.05 0.00	31.56 2.25 0.00	29.78 2.15 0.00	32.83 2.19 0.00	30.63 2.02 0.00	30.04 1.94 0.00	33.43 1.85 0.00	32.17 1.75 0.00	28.32 1.65 0.00	25.15 1.40 0.00
KINTIGH____ 23543	20.78 -0.03 0.00	18.69 -0.15 0.00	17.10 -0.26 0.00	16.06 -0.29 0.00	15.69 -0.27 0.00	17.94 -0.09 0.00	18.23 0.00 0.00	17.69 0.02 0.00	18.79 0.08 0.00	19.93 0.18 0.00	25.04 0.33 0.00	28.99 -0.05 0.00	26.12 -0.21 0.00	25.54 0.00 0.00	25.42 -0.56 0.00	28.91 -0.41 0.00	27.23 -0.40 0.00	30.14 -0.50 0.00	27.93 -0.67 0.00	27.52 -0.59 0.00	30.92 -0.67 0.00	29.67 -0.75 0.00	26.18 -0.48 0.00	23.89 0.15 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.43 0.62 0.00	19.50 0.65 0.00	17.97 0.60 0.00	16.92 0.57 0.00	16.53 0.57 0.00	18.73 0.70 0.00	18.97 0.75 0.00	18.24 0.57 0.00	19.30 0.59 0.00	20.37 0.62 0.00	25.39 0.67 0.00	29.85 0.81 0.00	27.07 0.74 0.00	26.27 0.73 0.00	26.78 0.79 0.00	30.19 0.88 0.00	28.41 0.79 0.00	31.72 1.09 0.00	29.64 1.03 0.00	29.17 1.05 0.00	32.79 1.21 0.00	31.61 1.18 0.00	27.75 1.09 0.00	24.53 0.79 0.00

LACHUTE____HYDRO 323717	23.16 2.35 0.00	20.81 1.97 0.00	19.18 1.82 0.00	18.12 1.77 0.00	17.67 1.71 0.00	19.93 1.90 0.00	20.34 2.12 0.00	19.65 1.98 0.00	20.48 1.77 0.00	21.59 1.85 0.00	26.85 2.14 0.00	31.55 2.51 0.00	28.75 2.42 0.00	27.69 2.14 0.00	28.37 2.39 0.00	32.11 2.79 0.00	30.18 2.55 0.00	33.83 3.20 0.00	32.25 3.64 0.00	32.08 3.98 0.00	35.52 3.94 0.00	34.21 3.78 0.00	29.65 2.98 0.00	26.31 2.56 0.00
LAWRNCAV_115KV_TB1 80681	20.69 -0.12 0.00	18.87 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.04 0.01 0.00	18.13 -0.09 0.00	17.46 -0.22 0.00	18.46 -0.25 0.00	19.47 -0.28 0.00	24.31 -0.41 0.00	28.61 -0.43 0.00	25.89 -0.44 0.00	25.12 -0.43 0.00	25.51 -0.47 0.00	28.80 -0.52 0.00	27.04 -0.59 0.00	29.90 -0.74 0.00	27.87 -0.74 0.00	27.36 -0.75 0.00	31.04 -0.54 0.00	30.09 -0.34 0.00	26.68 0.01 0.00	23.66 -0.08 0.00
LEDERLE____ 23769	21.87 1.06 0.00	19.66 0.81 0.00	18.12 0.76 0.00	17.09 0.74 0.00	16.66 0.69 0.00	18.77 0.75 0.00	19.13 0.91 0.00	18.55 0.88 0.00	19.67 0.97 0.00	20.86 1.11 0.00	26.30 1.58 0.00	31.03 1.99 0.00	28.30 1.97 0.00	27.42 1.88 0.00	28.04 2.06 0.00	31.67 2.36 0.00	29.88 2.25 0.00	33.05 2.41 0.00	30.86 2.25 0.00	30.25 2.14 0.00	33.69 2.10 0.00	32.35 1.93 0.00	28.22 1.56 0.00	25.07 1.33 0.00
LIGHTHSE_115KV_TB6 355974	20.80 -0.01 0.00	18.78 -0.06 0.00	17.28 -0.08 0.00	16.24 -0.11 0.00	15.86 -0.10 0.00	17.98 -0.05 0.00	18.21 -0.02 0.00	17.66 -0.02 0.00	18.64 -0.07 0.00	19.58 -0.17 0.00	24.53 -0.28 -0.09	28.87 -0.38 -0.22	26.32 -0.34 -0.32	25.29 -0.26 0.00	25.68 -0.31 0.00	28.95 -0.36 0.00	27.29 -0.34 0.00	30.96 -0.31 -0.64	28.43 -0.18 0.00	29.05 -0.10 -1.04	31.65 0.06 0.00	30.61 0.19 0.00	26.74 0.08 0.00	23.93 0.18 0.00
LINDEN COGEN____ 23786	21.89 1.08 0.00	19.68 0.84 0.00	18.16 0.79 0.00	17.12 0.77 0.00	16.67 0.71 0.00	18.78 0.75 0.00	19.16 0.93 0.00	18.56 0.89 0.00	19.68 0.97 0.00	20.86 1.12 0.00	26.27 1.55 0.00	30.96 1.92 0.00	28.28 1.95 0.00	27.36 1.82 0.00	27.99 2.00 0.00	31.62 2.31 0.00	29.80 2.17 0.00	32.89 2.26 0.00	30.69 2.09 0.00	30.10 1.99 0.00	33.50 1.91 0.00	32.20 1.77 0.00	28.16 1.50 0.00	25.05 1.31 0.00
LINDHRST_69_KV_BK1 356055	22.40 1.59 0.00	20.01 1.17 0.00	18.41 1.04 0.00	17.38 1.03 0.00	16.99 1.03 0.00	19.11 1.08 0.00	19.43 1.20 0.00	18.91 1.23 0.00	20.12 1.41 0.00	21.32 1.57 0.00	27.03 2.31 0.00	31.84 2.80 0.00	30.20 2.75 -1.12	31.11 2.62 -2.95	31.24 2.82 -2.43	32.66 3.28 -0.07	30.74 3.09 -0.02	33.85 3.21 0.00	31.61 3.00 0.00	30.98 2.87 0.00	34.48 2.90 0.00	33.26 2.83 -0.01	28.96 2.29 0.00	25.62 1.87 0.00
LIPA_MISC_IPP 23656	22.10 1.29 0.00	19.76 0.91 0.00	18.17 0.81 0.00	17.21 0.87 0.00	16.87 0.91 0.00	18.91 0.88 0.00	19.17 0.95 0.00	18.67 0.99 0.00	19.86 1.16 0.00	21.02 1.27 0.00	26.57 1.85 0.00	31.33 2.30 0.00	29.73 2.28 -1.12	30.66 2.17 -2.95	30.84 2.43 -2.43	32.23 2.86 -0.07	30.33 2.68 -0.02	33.31 2.67 0.00	31.10 2.49 0.00	30.53 2.42 0.00	33.97 2.38 0.00	32.74 2.30 -0.01	28.56 1.89 0.00	25.25 1.50 0.00
LISF____SOLAR 323691	22.13 1.33 0.00	19.78 0.94 0.00	18.20 0.84 0.00	17.24 0.89 0.00	16.90 0.93 0.00	18.94 0.91 0.00	19.20 0.98 0.00	18.70 1.03 0.00	19.89 1.18 0.00	21.04 1.30 0.00	26.59 1.88 0.00	31.36 2.32 0.00	29.76 2.31 -1.12	30.69 2.19 -2.95	30.87 2.46 -2.43	32.28 2.90 -0.07	30.37 2.72 -0.02	33.36 2.73 0.00	31.17 2.56 0.00	30.58 2.47 0.00	34.05 2.47 0.00	32.81 2.37 -0.01	28.61 1.95 0.00	25.29 1.55 0.00
LITTLE FALLS____HYD 24013	20.48 -0.33 0.00	18.48 -0.36 0.00	17.09 -0.27 0.00	16.12 -0.23 0.00	15.79 -0.17 0.00	17.77 -0.26 0.00	18.01 -0.22 0.00	17.50 -0.18 0.00	18.44 -0.26 0.00	19.42 -0.33 0.00	24.36 -0.36 0.00	28.62 -0.42 0.00	26.07 -0.26 0.00	25.35 -0.19 0.00	26.03 0.05 0.00	29.17 -0.14 0.00	27.47 -0.16 0.00	30.62 -0.02 0.00	28.90 0.29 0.00	28.71 0.60 0.00	31.98 0.40 0.00	30.74 0.31 0.00	26.55 -0.12 0.00	23.50 -0.24 0.00
LITTLRIV_115KV_TB1 356100	20.89 0.07 0.00	19.05 0.20 0.00	17.52 0.15 0.00	16.47 0.12 0.00	16.10 0.13 0.00	18.21 0.18 0.00	18.31 0.09 0.00	17.63 -0.04 0.00	18.63 -0.08 0.00	19.65 -0.10 0.00	24.56 -0.16 0.00	28.91 -0.13 0.00	26.16 -0.16 0.00	25.40 -0.15 0.00	25.78 -0.20 0.00	29.11 -0.20 0.00	27.33 -0.30 0.00	30.24 -0.40 0.00	28.18 -0.43 0.00	27.69 -0.42 0.00	31.46 -0.12 0.00	30.48 0.06 0.00	27.00 0.34 0.00	23.91 0.16 0.00
LI_NEWBRDGE____DRP 323616	22.06 1.25 0.00	19.73 0.89 0.00	18.16 0.79 0.00	17.14 0.79 0.00	16.75 0.79 0.00	18.83 0.80 0.00	19.15 0.93 0.00	18.62 0.95 0.00	19.79 1.09 0.00	20.98 1.23 0.00	26.55 1.84 0.00	31.28 2.24 0.00	29.65 2.21 -1.12	30.59 2.10 -2.95	30.71 2.30 -2.43	32.01 2.64 -0.07	30.12 2.47 -0.02	33.20 2.57 0.00	31.01 2.41 0.00	30.41 2.30 0.00	33.87 2.28 0.00	32.63 2.20 -0.01	28.42 1.76 0.00	25.19 1.44 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.87 0.06 0.00	18.75 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.86 0.15 0.00	20.03 0.28 0.00	25.15 0.44 0.00	29.07 0.03 0.00	26.18 -0.15 0.00	25.68 0.14 0.00	25.38 -0.60 0.00	28.89 -0.43 0.00	27.22 -0.41 0.00	30.09 -0.55 0.00	27.86 -0.75 0.00	27.50 -0.61 0.00	30.96 -0.62 0.00	29.72 -0.71 0.00	26.24 -0.43 0.00	24.04 0.30 0.00
LOCKPORT____CC1 323769	20.87 0.06 0.00	18.76 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.87 0.16 0.00	20.03 0.28 0.00	25.16 0.44 0.00	29.08 0.04 0.00	26.17 -0.16 0.00	25.67 0.13 0.00	25.38 -0.60 0.00	28.89 -0.42 0.00	27.23 -0.41 0.00	30.08 -0.56 0.00	27.84 -0.76 0.00	27.49 -0.62 0.00	30.93 -0.65 0.00	29.69 -0.74 0.00	26.21 -0.45 0.00	24.03 0.28 0.00
LOCKPORT____CC2 323770	20.87 0.06 0.00	18.76 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.87 0.16 0.00	20.03 0.28 0.00	25.16 0.44 0.00	29.08 0.04 0.00	26.17 -0.16 0.00	25.67 0.13 0.00	25.38 -0.60 0.00	28.89 -0.42 0.00	27.23 -0.41 0.00	30.08 -0.56 0.00	27.84 -0.76 0.00	27.49 -0.62 0.00	30.93 -0.65 0.00	29.69 -0.74 0.00	26.21 -0.45 0.00	24.03 0.28 0.00
LOCKPORT____CC3 323771	20.87 0.06 0.00	18.76 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.87 0.16 0.00	20.03 0.28 0.00	25.16 0.44 0.00	29.08 0.04 0.00	26.17 -0.16 0.00	25.67 0.13 0.00	25.38 -0.60 0.00	28.89 -0.42 0.00	27.23 -0.41 0.00	30.08 -0.56 0.00	27.84 -0.76 0.00	27.49 -0.62 0.00	30.93 -0.65 0.00	29.69 -0.74 0.00	26.21 -0.45 0.00	24.03 0.28 0.00

LONG_LAKE_PHOENIX 24014	20.58 -0.23 0.00	18.58 -0.26 0.00	17.10 -0.26 0.00	16.09 -0.26 0.00	15.72 -0.25 0.00	17.80 -0.23 0.00	18.00 -0.23 0.00	17.43 -0.25 0.00	18.45 -0.25 0.00	19.46 -0.29 0.00	24.52 -0.39 -0.19	28.98 -0.50 -0.44	26.52 -0.47 -0.67	25.14 -0.40 0.00	25.49 -0.49 0.00	28.81 -0.50 0.00	27.20 -0.43 0.00	31.51 -0.44 -1.31	28.20 -0.41 0.00	29.84 -0.39 -2.12	31.12 -0.46 0.00	29.92 -0.50 0.00	26.18 -0.48 0.00	23.46 -0.29 0.00
LOVETT___3 23632	21.75 0.94 0.00	19.54 0.70 0.00	18.03 0.66 0.00	17.00 0.65 0.00	16.57 0.61 0.00	18.67 0.64 0.00	19.02 0.79 0.00	18.44 0.77 0.00	19.55 0.84 0.00	20.72 0.97 0.00	26.11 1.39 0.00	30.80 1.76 0.00	28.07 1.74 0.00	27.21 1.66 0.00	27.82 1.84 0.00	31.40 2.09 0.00	29.62 1.99 0.00	32.76 2.13 0.00	30.59 1.99 0.00	30.00 1.89 0.00	33.41 1.83 0.00	32.11 1.69 0.00	28.03 1.36 0.00	24.90 1.16 0.00
LOVETT___4 23642	21.75 0.94 0.00	19.54 0.70 0.00	18.03 0.66 0.00	17.00 0.65 0.00	16.57 0.61 0.00	18.67 0.64 0.00	19.02 0.79 0.00	18.44 0.77 0.00	19.55 0.84 0.00	20.72 0.97 0.00	26.11 1.39 0.00	30.80 1.76 0.00	28.07 1.74 0.00	27.21 1.66 0.00	27.82 1.84 0.00	31.40 2.09 0.00	29.62 1.99 0.00	32.76 2.13 0.00	30.59 1.99 0.00	30.00 1.89 0.00	33.41 1.83 0.00	32.11 1.69 0.00	28.03 1.36 0.00	24.90 1.16 0.00
LOVETT___5 23593	21.75 0.94 0.00	19.54 0.70 0.00	18.03 0.66 0.00	17.00 0.65 0.00	16.57 0.61 0.00	18.67 0.64 0.00	19.02 0.79 0.00	18.44 0.77 0.00	19.55 0.84 0.00	20.72 0.97 0.00	26.11 1.39 0.00	30.80 1.76 0.00	28.07 1.74 0.00	27.21 1.66 0.00	27.82 1.84 0.00	31.40 2.09 0.00	29.62 1.99 0.00	32.76 2.13 0.00	30.59 1.99 0.00	30.00 1.89 0.00	33.41 1.83 0.00	32.11 1.69 0.00	28.03 1.36 0.00	24.90 1.16 0.00
LOWER RAQUET___HYD 24057	20.68 -0.13 0.00	18.86 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.03 0.00 0.00	18.11 -0.11 0.00	17.42 -0.26 0.00	18.41 -0.30 0.00	19.41 -0.34 0.00	24.24 -0.48 0.00	28.53 -0.50 0.00	25.83 -0.50 0.00	25.05 -0.49 0.00	25.45 -0.53 0.00	28.72 -0.60 0.00	26.96 -0.67 0.00	29.80 -0.84 0.00	27.77 -0.84 0.00	27.28 -0.83 0.00	30.96 -0.62 0.00	30.03 -0.39 0.00	26.68 0.01 0.00	23.67 -0.07 0.00
LOWER___HUDSON 24059	21.46 0.65 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.84 0.61 0.00	18.25 0.57 0.00	19.24 0.53 0.00	20.31 0.56 0.00	25.38 0.67 0.00	29.83 0.79 0.00	27.12 0.79 0.00	26.27 0.73 0.00	26.87 0.89 0.00	30.14 0.82 0.00	28.39 0.76 0.00	31.50 0.86 0.00	29.67 1.06 0.00	29.32 1.21 0.00	32.74 1.16 0.00	31.61 1.18 0.00	27.52 0.86 0.00	24.48 0.73 0.00
LOWVILLE_115KV_TB2 356335	21.21 0.40 0.00	19.19 0.35 0.00	17.66 0.30 0.00	16.60 0.25 0.00	16.22 0.26 0.00	18.39 0.36 0.00	18.63 0.40 0.00	17.96 0.28 0.00	18.95 0.24 0.00	19.88 0.13 0.00	24.80 0.05 -0.03	29.15 0.05 -0.07	26.47 0.03 -0.10	25.65 0.10 0.00	26.09 0.11 0.00	29.44 0.13 0.00	27.77 0.14 0.00	31.10 0.26 -0.20	29.05 0.44 0.00	29.03 0.60 -0.33	32.51 0.92 0.00	31.41 0.98 0.00	27.48 0.81 0.00	24.43 0.69 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	21.81 1.01 0.00	19.70 0.85 0.00	18.17 0.81 0.00	17.12 0.78 0.00	16.73 0.77 0.00	18.84 0.82 0.00	19.14 0.91 0.00	18.53 0.86 0.00	19.55 0.84 0.00	20.63 0.88 0.00	25.76 1.04 0.00	30.25 1.21 0.00	27.48 1.15 0.00	26.60 1.05 0.00	27.20 1.22 0.00	30.58 1.27 0.00	28.85 1.22 0.00	32.09 1.46 0.00	30.27 1.67 0.00	29.93 1.82 0.00	33.44 1.86 0.00	32.22 1.79 0.00	28.07 1.41 0.00	24.93 1.19 0.00
LUTHERNY_35_KV_BK2 355980	21.83 1.02 0.00	19.71 0.86 0.00	18.19 0.83 0.00	17.13 0.78 0.00	16.74 0.78 0.00	18.85 0.83 0.00	19.14 0.92 0.00	18.54 0.87 0.00	19.58 0.87 0.00	20.65 0.90 0.00	25.78 1.07 0.00	30.27 1.23 0.00	27.50 1.17 0.00	26.61 1.07 0.00	27.22 1.23 0.00	30.60 1.29 0.00	28.87 1.24 0.00	32.10 1.46 0.00	30.30 1.69 0.00	29.95 1.85 0.00	33.47 1.88 0.00	32.24 1.82 0.00	28.10 1.43 0.00	24.95 1.21 0.00
LWR___OSWEGATCHIE_HYD 23850	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.07 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.27 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.02 0.00	30.62 0.19 0.00	26.98 0.32 0.00	23.98 0.24 0.00
LYONS_FALL_HYD 23570	21.20 0.39 0.00	19.17 0.32 0.00	17.65 0.28 0.00	16.60 0.25 0.00	16.22 0.26 0.00	18.37 0.34 0.00	18.60 0.38 0.00	17.98 0.31 0.00	18.99 0.28 0.00	19.97 0.22 0.00	24.95 0.21 -0.02	29.32 0.24 -0.05	26.62 0.21 -0.08	25.80 0.26 0.00	26.25 0.27 0.00	29.62 0.31 0.00	27.95 0.32 0.00	31.23 0.45 -0.15	29.17 0.57 0.00	29.04 0.68 -0.24	32.50 0.91 0.00	31.34 0.91 0.00	27.40 0.73 0.00	24.37 0.63 0.00
MADISON___COUNTY_LFGE 323628	21.31 0.50 0.00	19.24 0.40 0.00	17.73 0.36 0.00	16.68 0.33 0.00	16.30 0.33 0.00	18.45 0.42 0.00	18.69 0.47 0.00	18.09 0.42 0.00	19.12 0.41 0.00	20.16 0.42 0.00	25.29 0.55 -0.03	29.72 0.62 -0.07	26.98 0.55 -0.10	26.13 0.59 0.00	26.55 0.57 0.00	30.01 0.69 0.00	28.33 0.70 0.00	31.69 0.86 -0.20	29.51 0.90 0.00	29.41 0.99 -0.32	32.71 1.13 0.00	31.44 1.01 0.00	27.43 0.77 0.00	24.44 0.70 0.00
MALONE___115KV_TB1 356076	21.17 0.36 0.00	19.29 0.44 0.00	17.75 0.39 0.00	16.71 0.37 0.00	16.33 0.36 0.00	18.49 0.46 0.00	18.68 0.45 0.00	18.00 0.33 0.00	19.05 0.35 0.00	20.12 0.37 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.76 0.43 0.00	25.94 0.39 0.00	26.39 0.41 0.00	29.76 0.45 0.00	28.01 0.38 0.00	31.15 0.51 0.00	29.03 0.43 0.00	28.55 0.44 0.00	32.24 0.65 0.00	31.13 0.70 0.00	27.41 0.75 0.00	24.24 0.49 0.00
MAPLEWOD_115KV_TB3 80458	21.34 0.53 0.00	19.28 0.44 0.00	17.79 0.43 0.00	16.77 0.42 0.00	16.39 0.42 0.00	18.44 0.41 0.00	18.70 0.47 0.00	18.12 0.44 0.00	19.20 0.49 0.00	20.22 0.48 0.00	25.32 0.60 0.00	29.77 0.73 0.00	27.07 0.74 0.00	26.26 0.72 0.00	26.85 0.87 0.00	30.16 0.85 0.00	28.44 0.81 0.00	31.64 1.01 0.00	29.74 1.14 0.00	29.32 1.21 0.00	32.78 1.20 0.00	31.64 1.21 0.00	27.54 0.88 0.00	24.47 0.73 0.00
MAPLE RIDGE_WT_1 323574	20.63 -0.18 0.00	18.74 -0.10 0.00	17.26 -0.10 0.00	16.23 -0.11 0.00	15.84 -0.12 0.00	17.89 -0.14 0.00	18.08 -0.14 0.00	17.53 -0.14 0.00	18.56 -0.14 0.00	19.59 -0.16 0.00	24.49 -0.23 0.00	28.80 -0.24 0.00	26.09 -0.24 0.00	25.31 -0.24 0.00	25.72 -0.26 0.00	29.02 -0.29 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.25 -0.36 0.00	27.71 -0.41 0.00	31.20 -0.39 0.00	30.09 -0.33 0.00	26.47 -0.20 0.00	23.51 -0.23 0.00

MAPLE RIDGE_WT_2 323611	20.63 -0.18 0.00	18.74 -0.10 0.00	17.26 -0.10 0.00	16.23 -0.11 0.00	15.84 -0.12 0.00	17.89 -0.14 0.00	18.08 -0.14 0.00	17.53 -0.14 0.00	18.56 -0.14 0.00	19.59 -0.16 0.00	24.49 -0.23 0.00	28.80 -0.24 0.00	26.09 -0.24 0.00	25.31 -0.24 0.00	25.72 -0.26 0.00	29.02 -0.29 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.25 -0.36 0.00	27.71 -0.41 0.00	31.20 -0.39 0.00	30.09 -0.33 0.00	26.47 -0.20 0.00	23.51 -0.23 0.00
MARBLE RIVER_WT_PWR 323696	21.18 0.37 0.00	19.29 0.45 0.00	17.77 0.41 0.00	16.74 0.39 0.00	16.36 0.40 0.00	18.52 0.49 0.00	18.73 0.50 0.00	18.03 0.35 0.00	19.07 0.37 0.00	20.14 0.40 0.00	25.14 0.43 0.00	29.57 0.53 0.00	26.81 0.48 0.00	26.01 0.46 0.00	26.49 0.51 0.00	29.85 0.54 0.00	28.11 0.48 0.00	31.32 0.68 0.00	29.21 0.60 0.00	28.71 0.60 0.00	32.31 0.72 0.00	31.14 0.71 0.00	27.38 0.71 0.00	24.22 0.48 0.00
MARSHVLE_115KV_TB1 80742	22.47 1.66 0.00	20.30 1.45 0.00	18.66 1.30 0.00	17.55 1.20 0.00	17.16 1.19 0.00	19.48 1.46 0.00	19.82 1.60 0.00	19.21 1.53 0.00	20.31 1.60 0.00	21.37 1.63 0.00	26.73 2.01 0.00	31.35 2.31 0.00	28.35 2.02 0.00	27.54 1.99 0.00	27.88 1.89 0.00	31.56 2.24 0.00	29.83 2.20 0.00	33.12 2.48 0.00	31.05 2.44 0.00	30.35 2.24 0.00	34.24 2.65 0.00	32.88 2.45 0.00	28.88 2.22 0.00	25.75 2.01 0.00
MARSH_HILL_WT_PWR 323713	21.23 0.42 0.00	19.07 0.23 0.00	17.51 0.15 0.00	16.45 0.10 0.00	16.05 0.08 0.00	18.35 0.32 0.00	18.60 0.37 0.00	18.16 0.48 0.00	19.40 0.69 0.00	20.59 0.84 0.00	25.98 1.24 -0.02	30.15 1.07 -0.05	27.14 0.73 -0.08	26.43 0.89 0.00	26.47 0.49 0.00	30.04 0.73 0.00	28.28 0.65 0.00	31.36 0.57 -0.15	28.81 0.20 0.00	28.62 0.27 -0.25	31.75 0.17 0.00	30.22 -0.21 0.00	26.56 -0.11 0.00	24.06 0.31 0.00
MCINTYRE_115KV_TB2 80467	20.98 0.17 0.00	19.13 0.28 0.00	17.60 0.23 0.00	16.55 0.20 0.00	16.17 0.21 0.00	18.29 0.27 0.00	18.42 0.20 0.00	17.76 0.08 0.00	18.75 0.04 0.00	19.78 0.04 0.00	24.73 0.01 0.00	29.11 0.08 0.00	26.35 0.02 0.00	25.57 0.03 0.00	25.95 -0.03 0.00	29.30 -0.01 0.00	27.55 -0.08 0.00	30.49 -0.14 0.00	28.40 -0.21 0.00	27.90 -0.21 0.00	31.74 0.15 0.00	30.72 0.29 0.00	27.15 0.48 0.00	24.00 0.25 0.00
MECO____69_KV_BK1 80468	22.94 2.13 0.00	20.73 1.89 0.00	19.06 1.70 0.00	17.93 1.59 0.00	17.55 1.59 0.00	19.90 1.88 0.00	20.14 1.92 0.00	19.45 1.77 0.00	20.56 1.85 0.00	21.54 1.80 0.00	26.91 2.20 0.00	31.37 2.33 0.00	28.37 2.03 0.00	27.54 1.99 0.00	27.94 1.96 0.00	30.60 1.29 0.00	29.49 1.86 0.00	33.73 3.10 0.00	32.06 3.45 0.00	31.40 3.29 0.00	35.57 3.99 0.00	34.14 3.72 0.00	29.82 3.16 0.00	26.47 2.73 0.00
MENANDS__115KV_TB5 355628	21.22 0.41 0.00	19.18 0.34 0.00	17.70 0.34 0.00	16.68 0.34 0.00	16.30 0.34 0.00	18.33 0.31 0.00	18.56 0.34 0.00	17.95 0.27 0.00	18.98 0.27 0.00	20.04 0.29 0.00	25.10 0.38 0.00	29.52 0.48 0.00	26.85 0.52 0.00	26.04 0.50 0.00	26.64 0.65 0.00	29.90 0.59 0.00	28.17 0.54 0.00	31.30 0.67 0.00	29.42 0.81 0.00	29.00 0.89 0.00	32.40 0.81 0.00	31.29 0.86 0.00	27.24 0.58 0.00	24.22 0.48 0.00
MG INDUSTRY__DRP 24185	21.34 0.53 0.00	19.28 0.44 0.00	17.80 0.43 0.00	16.78 0.43 0.00	16.40 0.43 0.00	18.44 0.41 0.00	18.67 0.45 0.00	18.09 0.41 0.00	19.11 0.40 0.00	20.16 0.42 0.00	25.24 0.52 0.00	29.62 0.58 0.00	26.91 0.58 0.00	26.10 0.56 0.00	26.67 0.69 0.00	29.98 0.67 0.00	28.24 0.61 0.00	31.37 0.74 0.00	29.45 0.84 0.00	29.04 0.92 0.00	32.50 0.91 0.00	31.38 0.95 0.00	27.35 0.69 0.00	24.35 0.60 0.00
MID__OSWEGATCHIE_HYD 23849	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.07 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.27 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.02 0.00	30.62 0.19 0.00	26.98 0.32 0.00	23.98 0.24 0.00
MID__RAQUETTE_HYD 23851	20.68 -0.13 0.00	18.86 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.03 0.00 0.00	18.11 -0.11 0.00	17.42 -0.26 0.00	18.41 -0.30 0.00	19.41 -0.34 0.00	24.24 -0.48 0.00	28.53 -0.50 0.00	25.83 -0.51 0.00	25.05 -0.49 0.00	25.45 -0.53 0.00	28.72 -0.59 0.00	26.96 -0.67 0.00	29.80 -0.84 0.00	27.77 -0.84 0.00	27.28 -0.83 0.00	30.96 -0.63 0.00	30.03 -0.39 0.00	26.67 0.01 0.00	23.67 -0.07 0.00
MILLIKEN__1 23584	21.27 0.46 0.00	19.19 0.35 0.00	17.68 0.31 0.00	16.64 0.29 0.00	16.26 0.30 0.00	18.42 0.39 0.00	18.66 0.44 0.00	18.11 0.43 0.00	19.14 0.43 0.00	20.17 0.42 0.00	25.36 0.57 -0.07	29.79 0.59 -0.16	27.09 0.52 -0.24	26.11 0.56 0.00	26.51 0.53 0.00	30.01 0.70 0.00	28.29 0.66 0.00	31.96 0.86 -0.47	29.49 0.88 0.00	29.80 0.93 -0.75	32.55 0.96 0.00	31.27 0.84 0.00	27.31 0.64 0.00	24.42 0.67 0.00
MILLIKEN__2 23585	21.27 0.46 0.00	19.19 0.35 0.00	17.68 0.31 0.00	16.64 0.29 0.00	16.26 0.30 0.00	18.42 0.39 0.00	18.66 0.44 0.00	18.11 0.43 0.00	19.14 0.43 0.00	20.17 0.42 0.00	25.36 0.57 -0.07	29.79 0.59 -0.16	27.09 0.52 -0.24	26.11 0.56 0.00	26.51 0.53 0.00	30.01 0.70 0.00	28.29 0.66 0.00	31.96 0.86 -0.47	29.49 0.88 0.00	29.80 0.93 -0.75	32.55 0.96 0.00	31.27 0.84 0.00	27.31 0.64 0.00	24.42 0.67 0.00
MILLIKEN__DIESEL 23629	21.27 0.46 0.00	19.19 0.35 0.00	17.68 0.31 0.00	16.64 0.29 0.00	16.26 0.30 0.00	18.42 0.39 0.00	18.66 0.44 0.00	18.11 0.43 0.00	19.14 0.43 0.00	20.17 0.42 0.00	25.36 0.57 -0.07	29.79 0.59 -0.16	27.09 0.52 -0.24	26.11 0.56 0.00	26.51 0.53 0.00	30.01 0.70 0.00	28.29 0.66 0.00	31.96 0.86 -0.47	29.49 0.88 0.00	29.80 0.93 -0.75	32.55 0.96 0.00	31.27 0.84 0.00	27.31 0.64 0.00	24.42 0.67 0.00
MILLSEAT__LFGE 323607	21.17 0.36 0.00	19.02 0.17 0.00	17.37 0.00 0.00	16.30 -0.04 0.00	15.94 -0.02 0.00	18.27 0.24 0.00	18.58 0.35 0.00	18.04 0.36 0.00	19.15 0.44 0.00	20.30 0.56 0.00	25.49 0.78 0.00	29.51 0.47 0.00	26.61 0.28 0.00	26.11 0.57 0.00	25.89 -0.09 0.00	29.46 0.15 0.00	27.80 0.16 0.00	30.80 0.16 0.00	28.59 -0.02 0.00	28.23 0.12 0.00	31.76 0.17 0.00	30.46 0.03 0.00	26.82 0.15 0.00	24.47 0.73 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	21.83 1.02 0.00	19.62 0.78 0.00	18.10 0.74 0.00	17.07 0.72 0.00	16.65 0.68 0.00	18.75 0.72 0.00	19.10 0.87 0.00	18.52 0.84 0.00	19.63 0.92 0.00	20.80 1.05 0.00	26.19 1.47 0.00	30.88 1.84 0.00	28.15 1.82 0.00	27.29 1.74 0.00	27.90 1.92 0.00	31.49 2.18 0.00	29.70 2.07 0.00	32.84 2.20 0.00	30.67 2.06 0.00	30.09 1.97 0.00	33.51 1.93 0.00	32.23 1.81 0.00	28.13 1.47 0.00	25.00 1.26 0.00

MILLWOOD_13_KV_LOAD 356217	21.88 1.07 0.00	19.67 0.82 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.68 0.72 0.00	18.79 0.76 0.00	19.14 0.92 0.00	18.56 0.89 0.00	19.68 0.98 0.00	20.86 1.11 0.00	26.27 1.56 0.00	30.98 1.94 0.00	28.24 1.92 0.00	27.38 1.84 0.00	27.99 2.01 0.00	31.60 2.29 0.00	29.81 2.18 0.00	32.96 2.33 0.00	30.78 2.18 0.00	30.20 2.09 0.00	33.63 2.04 0.00	32.33 1.90 0.00	28.21 1.55 0.00	25.06 1.32 0.00
MODEL_CITY_ENERGY 24167	20.66 -0.15 0.00	18.57 -0.27 0.00	16.96 -0.41 0.00	15.91 -0.44 0.00	15.55 -0.42 0.00	17.82 -0.20 0.00	18.11 -0.11 0.00	17.56 -0.11 0.00	18.65 -0.05 0.00	19.80 0.05 0.00	24.85 0.13 0.00	28.73 -0.31 0.00	25.86 -0.47 0.00	25.37 -0.17 0.00	25.04 -0.94 0.00	28.50 -0.81 0.00	26.84 -0.79 0.00	29.67 -0.97 0.00	27.46 -1.15 0.00	27.14 -0.97 0.00	30.56 -1.02 0.00	29.34 -1.09 0.00	25.92 -0.74 0.00	23.78 0.04 0.00
MODERN_LFGE_ 323580	20.66 -0.15 0.00	18.57 -0.27 0.00	16.96 -0.41 0.00	15.91 -0.44 0.00	15.55 -0.42 0.00	17.82 -0.20 0.00	18.11 -0.11 0.00	17.56 -0.11 0.00	18.65 -0.05 0.00	19.80 0.05 0.00	24.85 0.13 0.00	28.73 -0.31 0.00	25.86 -0.47 0.00	25.37 -0.17 0.00	25.04 -0.94 0.00	28.50 -0.81 0.00	26.84 -0.79 0.00	29.67 -0.97 0.00	27.46 -1.15 0.00	27.14 -0.97 0.00	30.56 -1.02 0.00	29.34 -1.09 0.00	25.92 -0.74 0.00	23.78 0.04 0.00
MOHAWK_PAPER___DRP 24187	21.34 0.53 0.00	19.28 0.44 0.00	17.79 0.43 0.00	16.77 0.42 0.00	16.39 0.42 0.00	18.44 0.41 0.00	18.70 0.47 0.00	18.12 0.44 0.00	19.20 0.49 0.00	20.22 0.48 0.00	25.32 0.60 0.00	29.77 0.73 0.00	27.07 0.74 0.00	26.26 0.72 0.00	26.85 0.87 0.00	30.16 0.85 0.00	28.44 0.81 0.00	31.64 1.01 0.00	29.74 1.14 0.00	29.32 1.21 0.00	32.78 1.20 0.00	31.64 1.21 0.00	27.54 0.88 0.00	24.47 0.73 0.00
MOHICAN__35_KV_115KV_LD 80490	21.99 1.18 0.00	19.83 0.98 0.00	18.28 0.91 0.00	17.23 0.88 0.00	16.83 0.87 0.00	18.97 0.94 0.00	19.29 1.07 0.00	18.67 1.00 0.00	19.63 0.92 0.00	20.69 0.95 0.00	25.73 1.01 0.00	30.21 1.17 0.00	27.46 1.13 0.00	26.47 0.93 0.00	27.10 1.11 0.00	30.52 1.20 0.00	28.77 1.14 0.00	32.12 1.48 0.00	30.50 1.89 0.00	30.29 2.18 0.00	33.77 2.19 0.00	32.50 2.07 0.00	28.31 1.64 0.00	25.11 1.36 0.00
MONGAUP___HYD 23641	21.77 0.96 0.00	19.58 0.74 0.00	18.05 0.69 0.00	17.01 0.66 0.00	16.59 0.63 0.00	18.70 0.67 0.00	19.02 0.80 0.00	18.43 0.76 0.00	19.51 0.80 0.00	20.58 0.83 0.00	25.81 1.10 0.00	30.42 1.38 0.00	27.60 1.27 0.00	26.75 1.21 0.00	27.36 1.38 0.00	30.98 1.67 0.00	29.24 1.61 0.00	32.48 1.84 0.00	30.51 1.90 0.00	29.99 1.88 0.00	33.53 1.95 0.00	32.26 1.84 0.00	28.15 1.48 0.00	24.99 1.24 0.00
MONTAUK___DIESEL 23721	22.86 2.05 0.00	20.41 1.57 0.00	18.76 1.40 0.00	17.79 1.44 0.00	17.44 1.48 0.00	19.56 1.53 0.00	19.84 1.61 0.00	19.34 1.66 0.00	20.61 1.91 0.00	21.89 2.15 0.00	27.74 3.02 0.00	32.72 3.69 0.00	30.98 3.53 -1.12	31.85 3.35 -2.95	32.07 3.66 -2.43	33.68 4.31 -0.07	31.72 4.07 -0.02	34.89 4.25 0.00	32.53 3.92 0.00	31.85 3.74 0.00	35.38 3.79 0.00	33.99 3.55 -0.01	29.55 2.89 0.00	26.07 2.33 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	21.23 0.42 0.00	19.01 0.16 0.00	17.38 0.02 0.00	16.32 -0.03 0.00	15.88 -0.08 0.00	18.28 0.25 0.00	18.73 0.50 0.00	18.45 0.78 0.00	19.78 1.07 0.00	21.06 1.31 0.00	26.66 1.94 0.00	30.89 1.85 0.00	27.63 1.30 0.00	27.07 1.52 0.00	27.00 1.02 0.00	30.79 1.48 0.00	28.98 1.35 0.00	32.01 1.37 0.00	29.48 0.87 0.00	28.75 0.64 0.00	32.12 0.53 0.00	30.74 0.31 0.00	27.01 0.35 0.00	24.40 0.66 0.00
MORTIMER_115KV_TB3 55949	21.00 0.19 0.00	18.90 0.06 0.00	17.31 -0.05 0.00	16.26 -0.09 0.00	15.89 -0.07 0.00	18.12 0.10 0.00	18.40 0.17 0.00	17.85 0.17 0.00	18.93 0.22 0.00	20.05 0.31 0.00	25.17 0.46 0.00	29.28 0.24 0.00	26.45 0.12 0.00	25.85 0.30 0.00	25.89 -0.09 0.00	29.41 0.10 0.00	27.75 0.12 0.00	30.78 0.15 0.00	28.61 0.00 0.00	28.15 0.04 0.00	31.60 0.02 0.00	30.33 -0.09 0.00	26.67 0.00 0.00	24.15 0.41 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	21.96 1.15 0.00	19.73 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.75 0.78 0.00	18.85 0.83 0.00	19.23 1.00 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.97 1.22 0.00	26.39 1.68 0.00	31.09 2.05 0.00	28.38 2.05 0.00	27.50 1.96 0.00	28.13 2.15 0.00	31.76 2.45 0.00	29.94 2.31 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.11 0.00	32.40 1.98 0.00	28.31 1.64 0.00	25.16 1.41 0.00
MUNSVILLE_WIND_PWR 323609	22.31 1.50 0.00	20.09 1.25 0.00	18.49 1.13 0.00	17.35 1.00 0.00	16.99 1.02 0.00	19.32 1.29 0.00	19.64 1.42 0.00	19.07 1.40 0.00	20.17 1.46 0.00	21.17 1.42 0.00	26.52 1.76 -0.04	31.09 1.95 -0.09	28.37 1.89 -0.15	27.45 1.91 0.00	27.76 1.78 0.00	31.44 2.13 0.00	29.71 2.08 0.00	33.56 2.63 -0.30	31.18 2.57 0.00	31.35 2.75 -0.48	34.61 3.03 0.00	33.14 2.72 0.00	28.83 2.17 0.00	25.60 1.86 0.00
N SALMON___HYD 24042	21.17 0.36 0.00	19.28 0.44 0.00	17.75 0.39 0.00	16.72 0.37 0.00	16.33 0.36 0.00	18.49 0.46 0.00	18.68 0.45 0.00	18.00 0.33 0.00	19.05 0.35 0.00	20.12 0.37 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.76 0.43 0.00	25.94 0.39 0.00	26.38 0.40 0.00	29.76 0.45 0.00	28.01 0.38 0.00	31.14 0.51 0.00	29.03 0.43 0.00	28.55 0.44 0.00	32.24 0.65 0.00	31.13 0.70 0.00	27.41 0.75 0.00	24.24 0.49 0.00
N.AKRON__115KV_KNAPP 355671	21.11 0.30 0.00	18.97 0.13 0.00	17.32 -0.04 0.00	16.26 -0.08 0.00	15.90 -0.06 0.00	18.22 0.19 0.00	18.53 0.30 0.00	17.99 0.31 0.00	19.12 0.41 0.00	20.28 0.54 0.00	25.47 0.75 0.00	29.48 0.44 0.00	26.58 0.25 0.00	26.08 0.53 0.00	25.82 -0.16 0.00	29.38 0.07 0.00	27.70 0.07 0.00	30.67 0.03 0.00	28.44 -0.17 0.00	28.06 -0.05 0.00	31.58 0.00 0.00	30.30 -0.13 0.00	26.71 0.04 0.00	24.40 0.66 0.00
N.BELMOR_69_KV_BK1 55787	22.23 1.42 0.00	19.88 1.03 0.00	18.29 0.92 0.00	17.26 0.91 0.00	16.86 0.89 0.00	18.96 0.94 0.00	19.29 1.06 0.00	18.76 1.09 0.00	19.94 1.23 0.00	21.14 1.39 0.00	26.78 2.06 0.00	31.56 2.51 0.00	29.92 2.47 -1.12	30.85 2.36 -2.95	30.95 2.54 -2.43	32.30 2.92 -0.07	30.40 2.75 -0.02	33.54 2.91 0.00	31.31 2.71 0.00	30.70 2.59 0.00	34.20 2.61 0.00	32.96 2.53 -0.01	28.70 2.03 0.00	25.42 1.68 0.00
N.E._GEN_SANDY PD 24062	21.52 0.71 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.83 0.60 0.00	18.25 0.54 -0.04	19.20 0.52 0.03	20.46 0.58 -0.14	25.34 0.74 0.12	29.94 0.91 0.01	27.23 0.93 0.03	26.42 0.88 0.00	27.81 1.06 -0.77	28.35 1.03 2.00	28.57 0.94 0.00	31.70 1.07 0.00	29.79 1.19 0.00	30.34 1.27 -0.96	32.87 1.16 -0.12	32.41 1.19 -0.80	27.06 0.86 0.47	24.55 0.75 -0.06

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	21.78 0.97 0.00	19.58 0.74 0.00	18.05 0.69 0.00	17.02 0.67 0.00	16.59 0.63 0.00	18.70 0.67 0.00	19.05 0.83 0.00	18.47 0.79 0.00	19.58 0.87 0.00	20.75 1.01 0.00	26.16 1.44 0.00	30.86 1.82 0.00	28.14 1.81 0.00	27.27 1.73 0.00	27.89 1.91 0.00	31.49 2.18 0.00	29.71 2.07 0.00	32.86 2.22 0.00	30.69 2.08 0.00	30.08 1.97 0.00	33.50 1.91 0.00	32.19 1.76 0.00	28.09 1.42 0.00	24.96 1.22 0.00
N.QUEENS_27_KV_LOAD 356247	21.98 1.17 0.00	19.78 0.94 0.00	18.30 0.93 0.00	17.22 0.87 0.00	16.79 0.82 0.00	18.91 0.88 0.00	19.31 1.08 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.03 1.28 0.00	26.40 1.68 0.00	31.10 2.06 0.00	28.44 2.11 0.00	27.62 2.08 0.00	28.25 2.27 0.00	31.85 2.54 0.00	30.00 2.37 0.00	33.02 2.38 0.00	30.82 2.22 0.00	30.28 2.17 0.00	33.71 2.13 0.00	32.46 2.03 0.00	28.38 1.72 0.00	25.20 1.46 0.00
N.TROY___115KV_TB1 355778	21.46 0.65 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.84 0.61 0.00	18.25 0.57 0.00	19.24 0.53 0.00	20.31 0.56 0.00	25.39 0.67 0.00	29.83 0.79 0.00	27.12 0.79 0.00	26.27 0.73 0.00	26.87 0.89 0.00	30.14 0.83 0.00	28.39 0.76 0.00	31.50 0.87 0.00	29.67 1.06 0.00	29.32 1.21 0.00	32.74 1.16 0.00	31.61 1.18 0.00	27.52 0.86 0.00	24.48 0.74 0.00
NARROWS_GT1_1 24228	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_2 24229	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_3 24230	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_4 24231	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_5 24232	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_6 24233	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_7 24234	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT1_8 24235	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_1 24236	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_2 24237	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_3 24238	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_4 24239	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00

NARROWS_GT2_5 24240	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_6 24241	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_7 24242	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NARROWS_GT2_8 24243	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	21.54 0.72 0.00	19.45 0.61 0.00	17.93 0.57 0.00	16.90 0.56 0.00	16.53 0.57 0.00	18.60 0.57 0.00	18.84 0.62 0.00	18.24 0.57 0.00	19.27 0.56 0.00	20.27 0.53 0.00	25.32 0.60 0.00	29.72 0.68 0.00	26.98 0.65 0.00	26.24 0.69 0.00	26.82 0.83 0.00	30.02 0.71 0.00	28.33 0.70 0.00	31.63 1.00 0.00	29.84 1.23 0.00	29.58 1.47 0.00	33.17 1.59 0.00	32.03 1.61 0.00	27.80 1.14 0.00	24.67 0.93 0.00
NCHELSEA_115KV_TR2 355582	21.97 1.16 0.00	19.74 0.89 0.00	18.20 0.84 0.00	17.16 0.81 0.00	16.74 0.78 0.00	18.85 0.83 0.00	19.20 0.98 0.00	18.62 0.95 0.00	19.74 1.03 0.00	20.91 1.17 0.00	26.32 1.61 0.00	31.13 2.09 0.00	28.37 2.04 0.00	27.55 2.00 0.00	28.16 2.18 0.00	31.72 2.40 0.00	29.92 2.29 0.00	33.09 2.45 0.00	30.93 2.32 0.00	30.35 2.24 0.00	33.82 2.23 0.00	32.52 2.09 0.00	28.34 1.68 0.00	25.17 1.43 0.00
NEG CAPITAL___MECHNVIL 23645	21.80 0.99 0.00	19.69 0.85 0.00	18.16 0.80 0.00	17.11 0.76 0.00	16.71 0.74 0.00	18.83 0.80 0.00	19.13 0.91 0.00	18.53 0.85 0.00	19.55 0.84 0.00	20.63 0.88 0.00	25.78 1.06 0.00	30.28 1.24 0.00	27.52 1.19 0.00	26.65 1.10 0.00	27.24 1.26 0.00	30.64 1.33 0.00	28.91 1.28 0.00	32.16 1.53 0.00	30.32 1.71 0.00	29.95 1.84 0.00	33.46 1.88 0.00	32.23 1.81 0.00	28.07 1.41 0.00	24.93 1.19 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.61 -0.20 0.00	18.56 -0.29 0.00	17.02 -0.34 0.00	16.00 -0.35 0.00	15.63 -0.33 0.00	17.81 -0.22 0.00	18.07 -0.15 0.00	17.52 -0.15 0.00	18.57 -0.14 0.00	19.67 -0.08 0.00	24.72 -0.03 -0.03	28.85 -0.25 -0.06	26.13 -0.30 -0.09	25.41 -0.14 0.00	25.55 -0.43 0.00	29.01 -0.30 0.00	27.38 -0.26 0.00	30.59 -0.23 -0.19	28.31 -0.30 0.00	28.14 -0.28 -0.30	31.18 -0.41 0.00	29.91 -0.51 0.00	26.21 -0.45 0.00	23.66 -0.08 0.00
NEG CENTRAL___DRP 24199	21.05 0.23 0.00	18.97 0.13 0.00	17.46 0.09 0.00	16.42 0.08 0.00	16.04 0.08 0.00	18.22 0.19 0.00	18.47 0.25 0.00	17.95 0.28 0.00	19.01 0.31 0.00	20.08 0.33 0.00	25.27 0.49 -0.07	29.61 0.42 -0.15	26.88 0.32 -0.23	25.93 0.39 0.00	26.23 0.24 0.00	29.72 0.40 0.00	28.03 0.40 0.00	31.66 0.57 -0.45	29.15 0.54 0.00	29.41 0.57 -0.73	32.08 0.50 0.00	30.76 0.34 0.00	26.90 0.24 0.00	24.14 0.39 0.00
NEG CENTRAL___INDECK 23768	21.65 0.84 0.00	19.45 0.61 0.00	17.82 0.45 0.00	16.73 0.38 0.00	16.34 0.37 0.00	18.68 0.65 0.00	18.97 0.75 0.00	18.36 0.69 0.00	19.35 0.65 0.00	20.49 0.74 0.00	25.75 1.04 0.00	29.87 0.83 0.00	26.79 0.45 0.00	25.76 0.22 0.00	25.66 -0.32 0.00	29.09 -0.22 0.00	27.42 -0.21 0.00	30.45 -0.19 0.00	28.28 -0.33 0.00	28.06 -0.06 0.00	31.71 0.12 0.00	30.45 0.02 0.00	27.24 0.58 0.00	24.85 1.11 0.00
NEG CENTRAL___SENECA 23627	21.15 0.34 0.00	19.04 0.20 0.00	17.51 0.15 0.00	16.47 0.12 0.00	16.08 0.12 0.00	18.30 0.28 0.00	18.56 0.34 0.00	18.06 0.39 0.00	19.15 0.44 0.00	20.23 0.49 0.00	25.46 0.71 -0.04	29.76 0.64 -0.08	26.94 0.49 -0.12	26.13 0.58 0.00	26.36 0.38 0.00	29.91 0.60 0.00	28.24 0.61 0.00	31.69 0.81 -0.24	29.36 0.76 0.00	29.29 0.79 -0.39	32.30 0.71 0.00	30.92 0.49 0.00	27.04 0.38 0.00	24.28 0.54 0.00
NEG CENTRAL___STATE_STREET 24147	21.10 0.29 0.00	19.06 0.21 0.00	17.55 0.18 0.00	16.54 0.19 0.00	16.16 0.20 0.00	18.31 0.28 0.00	18.56 0.33 0.00	17.99 0.32 0.00	18.98 0.27 0.00	20.07 0.32 0.00	25.26 0.45 -0.09	29.72 0.46 -0.21	26.98 0.33 -0.32	25.88 0.34 0.00	26.34 0.36 0.00	29.83 0.51 0.00	28.02 0.39 0.00	31.87 0.60 -0.64	29.22 0.61 0.00	29.77 0.63 -1.03	32.09 0.51 0.00	30.87 0.45 0.00	27.02 0.36 0.00	24.23 0.48 0.00
NEG MILLWOOD___DRP 24198	22.03 1.22 0.00	19.79 0.94 0.00	18.25 0.88 0.00	17.20 0.85 0.00	16.78 0.81 0.00	18.90 0.87 0.00	19.25 1.03 0.00	18.68 1.01 0.00	19.81 1.11 0.00	21.00 1.25 0.00	26.43 1.71 0.00	31.21 2.16 0.00	28.45 2.12 0.00	27.61 2.07 0.00	28.24 2.26 0.00	31.85 2.54 0.00	30.05 2.42 0.00	33.25 2.62 0.00	31.07 2.46 0.00	30.48 2.37 0.00	33.95 2.37 0.00	32.63 2.21 0.00	28.44 1.78 0.00	25.25 1.50 0.00
NEG NORTH_FLCN_SEA 23793	21.42 0.61 0.00	19.49 0.65 0.00	17.97 0.61 0.00	16.93 0.58 0.00	16.55 0.59 0.00	18.73 0.71 0.00	18.97 0.75 0.00	18.23 0.55 0.00	19.29 0.58 0.00	20.37 0.62 0.00	25.40 0.68 0.00	29.88 0.84 0.00	27.10 0.77 0.00	26.29 0.75 0.00	26.81 0.83 0.00	30.21 0.89 0.00	28.43 0.80 0.00	31.74 1.10 0.00	29.63 1.02 0.00	29.14 1.03 0.00	32.72 1.13 0.00	31.53 1.10 0.00	27.70 1.04 0.00	24.51 0.77 0.00
NEG NORTH_KES_CHATEGAY 23792	21.15 0.34 0.00	19.28 0.44 0.00	17.76 0.40 0.00	16.72 0.38 0.00	16.33 0.37 0.00	18.49 0.46 0.00	18.70 0.48 0.00	18.02 0.34 0.00	19.04 0.34 0.00	20.11 0.36 0.00	25.11 0.39 0.00	29.53 0.48 0.00	26.75 0.42 0.00	25.95 0.40 0.00	26.41 0.43 0.00	29.78 0.46 0.00	28.04 0.40 0.00	31.23 0.60 0.00	29.12 0.52 0.00	28.63 0.52 0.00	32.27 0.68 0.00	31.11 0.69 0.00	27.36 0.69 0.00	24.20 0.45 0.00

NEG NORTH___ALICE_FALLS 23915	21.43 0.62 0.00	19.50 0.65 0.00	17.97 0.60 0.00	16.92 0.57 0.00	16.53 0.57 0.00	18.73 0.70 0.00	18.97 0.75 0.00	18.24 0.57 0.00	19.30 0.59 0.00	20.37 0.62 0.00	25.39 0.67 0.00	29.85 0.81 0.00	27.07 0.74 0.00	26.27 0.73 0.00	26.78 0.79 0.00	30.19 0.88 0.00	28.41 0.79 0.00	31.72 1.09 0.00	29.64 1.03 0.00	29.17 1.05 0.00	32.79 1.21 0.00	31.61 1.18 0.00	27.75 1.09 0.00	24.53 0.79 0.00
NEG NORTH___LWR_SARANAC 23913	21.43 0.62 0.00	19.50 0.65 0.00	17.97 0.60 0.00	16.92 0.57 0.00	16.53 0.57 0.00	18.73 0.70 0.00	18.97 0.75 0.00	18.24 0.57 0.00	19.30 0.59 0.00	20.37 0.62 0.00	25.39 0.67 0.00	29.85 0.81 0.00	27.07 0.74 0.00	26.27 0.73 0.00	26.78 0.79 0.00	30.19 0.88 0.00	28.41 0.79 0.00	31.72 1.09 0.00	29.64 1.03 0.00	29.17 1.05 0.00	32.79 1.21 0.00	31.61 1.18 0.00	27.75 1.09 0.00	24.53 0.79 0.00
NEG NORTH___PLATTSBURG 23628	21.43 0.62 0.00	19.50 0.65 0.00	17.97 0.60 0.00	16.92 0.57 0.00	16.53 0.57 0.00	18.73 0.70 0.00	18.97 0.75 0.00	18.24 0.57 0.00	19.30 0.59 0.00	20.37 0.62 0.00	25.39 0.67 0.00	29.85 0.81 0.00	27.07 0.74 0.00	26.27 0.73 0.00	26.78 0.79 0.00	30.19 0.88 0.00	28.42 0.79 0.00	31.72 1.09 0.00	29.64 1.03 0.00	29.17 1.06 0.00	32.79 1.21 0.00	31.61 1.18 0.00	27.75 1.09 0.00	24.53 0.79 0.00
NEG WEST_LEA_LOCKPORT 23791	20.87 0.06 0.00	18.75 -0.09 0.00	17.12 -0.24 0.00	16.07 -0.28 0.00	15.70 -0.26 0.00	18.00 -0.03 0.00	18.30 0.07 0.00	17.75 0.08 0.00	18.87 0.16 0.00	20.03 0.28 0.00	25.16 0.44 0.00	29.07 0.03 0.00	26.18 -0.15 0.00	25.67 0.13 0.00	25.38 -0.60 0.00	28.89 -0.42 0.00	27.23 -0.41 0.00	30.08 -0.56 0.00	27.84 -0.76 0.00	27.48 -0.63 0.00	30.93 -0.65 0.00	29.69 -0.74 0.00	26.22 -0.45 0.00	24.03 0.28 0.00
NEG WEST___LANCASTR 23811	21.04 0.23 0.00	18.90 0.06 0.00	17.32 -0.04 0.00	16.26 -0.09 0.00	15.88 -0.08 0.00	18.17 0.14 0.00	18.45 0.23 0.00	17.99 0.32 0.00	19.15 0.44 0.00	20.33 0.59 0.00	25.62 0.90 0.00	29.63 0.59 0.00	26.59 0.26 0.00	26.10 0.56 0.00	26.01 0.03 0.00	29.64 0.33 0.00	27.91 0.28 0.00	30.81 0.17 0.00	28.53 -0.07 0.00	27.98 -0.13 0.00	31.53 -0.05 0.00	30.20 -0.22 0.00	26.63 -0.03 0.00	24.23 0.49 0.00
NEG_PENN_ALLEGHNY 23528	21.14 0.33 0.00	19.05 0.21 0.00	17.57 0.21 0.00	16.54 0.20 0.00	16.13 0.17 0.00	18.30 0.27 0.00	18.53 0.31 0.00	18.05 0.38 0.00	19.15 0.44 0.00	20.25 0.50 0.00	25.52 0.77 -0.04	29.91 0.78 -0.09	27.10 0.63 -0.14	26.23 0.68 0.00	26.56 0.58 0.00	30.09 0.78 0.00	28.38 0.75 0.00	31.79 0.87 -0.28	29.32 0.72 0.00	29.29 0.73 -0.45	32.30 0.71 0.00	30.98 0.56 0.00	27.12 0.46 0.00	24.27 0.52 0.00
NEG___GEN_MONROE 24207	21.17 0.36 0.00	19.02 0.18 0.00	17.41 0.05 0.00	16.35 0.00 0.00	15.98 0.02 0.00	18.26 0.24 0.00	18.54 0.32 0.00	18.02 0.34 0.00	19.10 0.39 0.00	20.20 0.45 0.00	25.36 0.64 0.00	29.46 0.42 0.00	26.60 0.27 0.00	26.02 0.48 0.00	26.02 0.04 0.00	29.58 0.26 0.00	27.91 0.28 0.00	30.99 0.35 0.00	28.82 0.21 0.00	28.38 0.27 0.00	31.88 0.29 0.00	30.59 0.16 0.00	26.89 0.22 0.00	24.37 0.62 0.00
NEPA___ENERGY 23901	20.98 0.17 0.00	18.83 -0.01 0.00	17.31 -0.06 0.00	16.28 -0.07 0.00	15.85 -0.11 0.00	18.16 0.13 0.00	18.43 0.20 0.00	18.05 0.38 0.00	19.26 0.56 0.00	20.49 0.74 0.00	25.99 1.28 0.00	30.17 1.13 0.00	26.96 0.63 0.00	26.33 0.79 0.00	26.30 0.32 0.00	29.97 0.66 0.00	28.22 0.59 0.00	31.26 0.63 0.00	28.82 0.21 0.00	28.31 0.19 0.00	31.74 0.15 0.00	30.32 -0.10 0.00	26.70 0.04 0.00	24.20 0.46 0.00
NEVERSINK___HYD 23608	21.42 0.61 0.00	19.25 0.40 0.00	17.74 0.38 0.00	16.72 0.37 0.00	16.30 0.34 0.00	18.39 0.36 0.00	18.72 0.49 0.00	18.14 0.47 0.00	19.23 0.52 0.00	20.37 0.63 0.00	25.64 0.92 0.00	30.38 1.34 0.00	27.66 1.33 0.00	26.88 1.33 0.00	27.45 1.47 0.00	30.94 1.63 0.00	29.10 1.47 0.00	32.20 1.56 0.00	30.18 1.58 0.00	29.63 1.52 0.00	33.05 1.47 0.00	31.78 1.35 0.00	27.70 1.04 0.00	24.58 0.84 0.00
NEWKRMKL_115KV_TB1 55635	21.13 0.32 0.00	19.09 0.24 0.00	17.62 0.25 0.00	16.61 0.26 0.00	16.22 0.26 0.00	18.25 0.22 0.00	18.48 0.26 0.00	17.88 0.21 0.00	18.92 0.22 0.00	19.97 0.23 0.00	25.03 0.31 0.00	29.44 0.40 0.00	26.78 0.45 0.00	25.98 0.43 0.00	26.56 0.58 0.00	29.84 0.53 0.00	28.12 0.49 0.00	31.24 0.61 0.00	29.33 0.73 0.00	28.91 0.80 0.00	32.32 0.73 0.00	31.18 0.75 0.00	27.15 0.49 0.00	24.13 0.39 0.00
NEWTON___FALLS_HYD 23847	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.07 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.27 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.02 0.00	30.62 0.19 0.00	26.98 0.32 0.00	23.98 0.24 0.00
NGRID_A1_DSASP 323792	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.47 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.83 -1.28 0.00	30.22 -1.36 0.00	29.03 -1.40 0.00	25.66 -1.00 0.00	23.64 -0.10 0.00
NGRID_A2_DSASP 323793	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.47 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.83 -1.28 0.00	30.22 -1.36 0.00	29.03 -1.40 0.00	25.66 -1.00 0.00	23.64 -0.10 0.00
NGRID_A4_DSASP 323807	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.48 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.82 -1.29 0.00	30.22 -1.36 0.00	29.02 -1.40 0.00	25.67 -1.00 0.00	23.64 -0.10 0.00
NIAGARA_115E_LBMP 323715	20.55 -0.26 0.00	18.48 -0.36 0.00	16.87 -0.49 0.00	15.83 -0.52 0.00	15.47 -0.49 0.00	17.73 -0.29 0.00	18.02 -0.20 0.00	17.46 -0.21 0.00	18.54 -0.16 0.00	19.68 -0.07 0.00	24.69 -0.02 0.00	28.53 -0.51 0.00	25.70 -0.63 0.00	25.20 -0.34 0.00	24.86 -1.13 0.00	28.29 -1.03 0.00	26.65 -0.99 0.00	29.43 -1.20 0.00	27.24 -1.36 0.00	26.94 -1.17 0.00	30.34 -1.24 0.00	29.13 -1.30 0.00	25.76 -0.91 0.00	23.65 -0.10 0.00

NIAGARA_115W_LBMP 323714	20.57 -0.24 0.00	18.49 -0.35 0.00	16.89 -0.48 0.00	15.84 -0.51 0.00	15.48 -0.48 0.00	17.74 -0.29 0.00	18.02 -0.20 0.00	17.48 -0.19 0.00	18.56 -0.14 0.00	19.70 -0.05 0.00	24.72 0.01 0.00	28.54 -0.50 0.00	25.70 -0.63 0.00	25.20 -0.34 0.00	24.75 -1.23 0.00	28.10 -1.21 0.00	26.47 -1.17 0.00	29.23 -1.41 0.00	27.06 -1.55 0.00	26.75 -1.36 0.00	30.13 -1.45 0.00	28.94 -1.48 0.00	25.59 -1.07 0.00	23.58 -0.16 0.00
NIAGARA_230_LBMP 323716	20.68 -0.13 0.00	18.60 -0.24 0.00	16.99 -0.38 0.00	15.94 -0.41 0.00	15.58 -0.38 0.00	17.84 -0.18 0.00	18.13 -0.10 0.00	17.59 -0.08 0.00	18.67 -0.03 0.00	19.82 0.07 0.00	24.89 0.17 0.00	28.73 -0.31 0.00	25.86 -0.47 0.00	25.35 -0.19 0.00	25.09 -0.89 0.00	28.56 -0.76 0.00	26.89 -0.74 0.00	29.71 -0.93 0.00	27.50 -1.11 0.00	27.12 -0.99 0.00	30.52 -1.06 0.00	29.31 -1.12 0.00	25.90 -0.76 0.00	23.78 0.04 0.00
NIAGARA__115KV_198_GIBSON 55903	20.57 -0.24 0.00	18.49 -0.35 0.00	16.89 -0.48 0.00	15.84 -0.51 0.00	15.48 -0.48 0.00	17.74 -0.29 0.00	18.02 -0.20 0.00	17.48 -0.19 0.00	18.56 -0.14 0.00	19.70 -0.05 0.00	24.72 0.00 0.00	28.53 -0.51 0.00	25.70 -0.63 0.00	25.20 -0.34 0.00	24.75 -1.23 0.00	28.10 -1.21 0.00	26.46 -1.17 0.00	29.23 -1.41 0.00	27.06 -1.55 0.00	26.75 -1.36 0.00	30.13 -1.46 0.00	28.94 -1.48 0.00	25.60 -1.07 0.00	23.58 -0.16 0.00
NIAGARA____ 23760	20.59 -0.22 0.00	18.51 -0.33 0.00	16.90 -0.46 0.00	15.86 -0.49 0.00	15.49 -0.47 0.00	17.77 -0.26 0.00	18.06 -0.16 0.00	17.53 -0.14 0.00	18.61 -0.09 0.00	19.75 0.01 0.00	24.80 0.08 0.00	28.65 -0.39 0.00	25.79 -0.54 0.00	25.29 -0.26 0.00	24.95 -1.03 0.00	28.37 -0.94 0.00	26.73 -0.90 0.00	29.52 -1.11 0.00	27.34 -1.27 0.00	26.99 -1.12 0.00	30.38 -1.20 0.00	29.17 -1.25 0.00	25.77 -0.90 0.00	23.65 -0.09 0.00
NINE_MILE_1 23575	20.39 -0.43 0.00	18.42 -0.43 0.00	16.96 -0.40 0.00	15.96 -0.39 0.00	15.59 -0.37 0.00	17.64 -0.39 0.00	17.83 -0.40 0.00	17.26 -0.42 0.00	18.27 -0.44 0.00	19.26 -0.49 0.00	23.48 -0.66 0.57	26.90 -0.82 1.31	23.61 -0.76 1.96	24.85 -0.69 0.00	25.22 -0.77 0.00	28.49 -0.82 0.00	26.87 -0.76 0.00	25.92 -0.83 3.88	27.84 -0.77 0.00	21.10 -0.74 6.26	30.70 -0.88 0.00	29.53 -0.89 0.00	25.87 -0.79 0.00	23.21 -0.53 0.00
NINE_MILE_2 23744	20.39 -0.43 0.00	18.42 -0.42 0.00	16.96 -0.40 0.00	15.96 -0.39 0.00	15.59 -0.37 0.00	17.64 -0.39 0.00	17.83 -0.39 0.00	17.26 -0.41 0.00	18.27 -0.44 0.00	19.26 -0.49 0.00	23.48 -0.66 0.58	26.88 -0.82 1.33	23.58 -0.76 1.99	24.86 -0.69 0.00	25.22 -0.77 0.00	28.49 -0.82 0.00	26.87 -0.76 0.00	25.86 -0.83 3.94	27.84 -0.77 0.00	21.01 -0.74 6.36	30.70 -0.88 0.00	29.54 -0.89 0.00	25.88 -0.79 0.00	23.21 -0.53 0.00
NM_CAPITAL____DRP 24208	21.17 0.36 0.00	19.13 0.29 0.00	17.65 0.29 0.00	16.64 0.29 0.00	16.26 0.30 0.00	18.29 0.26 0.00	18.51 0.29 0.00	17.91 0.23 0.00	18.93 0.23 0.00	19.99 0.24 0.00	25.04 0.33 0.00	29.46 0.42 0.00	26.78 0.45 0.00	25.98 0.44 0.00	26.57 0.59 0.00	29.83 0.51 0.00	28.11 0.48 0.00	31.23 0.60 0.00	29.33 0.73 0.00	28.92 0.81 0.00	32.32 0.73 0.00	31.20 0.78 0.00	27.17 0.51 0.00	24.16 0.42 0.00
NM_CENTRAL____DRP 24181	20.79 -0.02 0.00	18.77 -0.08 0.00	17.27 -0.09 0.00	16.25 -0.10 0.00	15.87 -0.09 0.00	17.97 -0.05 0.00	18.19 -0.04 0.00	17.62 -0.05 0.00	18.67 -0.04 0.00	19.70 -0.05 0.00	24.72 -0.06 -0.06	29.04 -0.12 -0.13	26.39 -0.13 -0.19	25.46 -0.08 0.00	25.79 -0.19 0.00	29.17 -0.15 0.00	27.52 -0.11 0.00	30.92 -0.09 -0.37	28.51 -0.10 0.00	28.62 -0.09 -0.60	31.44 -0.15 0.00	30.21 -0.22 0.00	26.45 -0.21 0.00	23.74 0.00 0.00
NM_FRONTIER____DRP 24179	20.57 -0.24 0.00	18.49 -0.35 0.00	16.89 -0.48 0.00	15.84 -0.51 0.00	15.48 -0.48 0.00	17.74 -0.29 0.00	18.02 -0.20 0.00	17.48 -0.19 0.00	18.56 -0.14 0.00	19.70 -0.05 0.00	24.72 0.00 0.00	28.53 -0.51 0.00	25.70 -0.63 0.00	25.20 -0.34 0.00	24.75 -1.23 0.00	28.10 -1.21 0.00	26.46 -1.17 0.00	29.23 -1.41 0.00	27.06 -1.55 0.00	26.75 -1.36 0.00	30.13 -1.46 0.00	28.94 -1.48 0.00	25.60 -1.07 0.00	23.58 -0.16 0.00
NM_ST_REGIS____HYD 24053	20.82 0.01 0.00	18.99 0.15 0.00	17.48 0.11 0.00	16.43 0.08 0.00	16.06 0.09 0.00	18.16 0.14 0.00	18.28 0.05 0.00	17.58 -0.09 0.00	18.59 -0.11 0.00	19.61 -0.13 0.00	24.49 -0.23 0.00	28.82 -0.22 0.00	26.09 -0.24 0.00	25.30 -0.24 0.00	25.71 -0.27 0.00	29.01 -0.30 0.00	27.25 -0.38 0.00	30.17 -0.46 0.00	28.12 -0.48 0.00	27.63 -0.49 0.00	31.32 -0.27 0.00	30.34 -0.08 0.00	26.89 0.22 0.00	23.84 0.09 0.00
NORTHPORT____1 23551	22.14 1.33 0.00	19.80 0.96 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.83 0.87 0.00	18.91 0.88 0.00	19.22 1.00 0.00	18.70 1.02 0.00	19.88 1.18 0.00	21.07 1.32 0.00	26.71 1.99 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.73 2.23 -2.95	30.85 2.44 -2.43	32.19 2.81 -0.07	30.27 2.63 -0.02	33.29 2.66 0.00	31.10 2.49 0.00	30.49 2.38 0.00	33.93 2.34 0.00	32.72 2.29 -0.01	28.53 1.86 0.00	25.26 1.52 0.00
NORTHPORT____2 23552	22.14 1.33 0.00	19.80 0.96 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.83 0.87 0.00	18.91 0.88 0.00	19.22 1.00 0.00	18.70 1.02 0.00	19.88 1.18 0.00	21.07 1.32 0.00	26.71 1.99 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.73 2.23 -2.95	30.85 2.44 -2.43	32.19 2.81 -0.07	30.27 2.63 -0.02	33.29 2.66 0.00	31.10 2.49 0.00	30.49 2.38 0.00	33.93 2.34 0.00	32.72 2.29 -0.01	28.53 1.86 0.00	25.26 1.52 0.00
NORTHPORT____3 23553	22.15 1.34 0.00	19.81 0.97 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.82 0.86 0.00	18.91 0.89 0.00	19.23 1.00 0.00	18.70 1.03 0.00	19.89 1.18 0.00	21.07 1.33 0.00	26.69 1.98 0.00	31.45 2.41 0.00	29.82 2.37 -1.12	30.74 2.25 -2.95	30.87 2.45 -2.43	32.21 2.83 -0.07	30.31 2.66 -0.02	33.37 2.74 0.00	31.15 2.54 0.00	30.55 2.44 0.00	34.00 2.41 0.00	32.76 2.33 -0.01	28.55 1.89 0.00	25.29 1.55 0.00
NORTHPORT____4 23650	22.15 1.34 0.00	19.81 0.97 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.82 0.86 0.00	18.91 0.89 0.00	19.23 1.00 0.00	18.70 1.03 0.00	19.89 1.18 0.00	21.07 1.33 0.00	26.69 1.98 0.00	31.45 2.41 0.00	29.82 2.37 -1.12	30.74 2.25 -2.95	30.87 2.45 -2.43	32.21 2.83 -0.07	30.31 2.66 -0.02	33.37 2.74 0.00	31.15 2.54 0.00	30.55 2.44 0.00	34.00 2.41 0.00	32.76 2.33 -0.01	28.55 1.89 0.00	25.29 1.55 0.00
NORTHPORT____IC 23718	22.14 1.33 0.00	19.80 0.96 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.83 0.87 0.00	18.91 0.88 0.00	19.22 1.00 0.00	18.70 1.02 0.00	19.88 1.18 0.00	21.07 1.32 0.00	26.71 1.99 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.73 2.23 -2.95	30.85 2.44 -2.43	32.19 2.81 -0.07	30.27 2.63 -0.02	33.29 2.66 0.00	31.10 2.49 0.00	30.49 2.38 0.00	33.93 2.34 0.00	32.72 2.29 -0.01	28.53 1.86 0.00	25.26 1.52 0.00

NORTH____COUNTRY_ESR 323785	21.12 0.31 0.00	19.24 0.40 0.00	17.73 0.37 0.00	16.69 0.34 0.00	16.31 0.35 0.00	18.45 0.43 0.00	18.66 0.44 0.00	17.98 0.31 0.00	19.02 0.31 0.00	20.09 0.34 0.00	25.08 0.36 0.00	29.49 0.45 0.00	26.73 0.40 0.00	25.92 0.37 0.00	26.39 0.41 0.00	29.75 0.43 0.00	28.01 0.38 0.00	31.20 0.56 0.00	29.08 0.47 0.00	28.57 0.47 0.00	32.20 0.61 0.00	31.04 0.62 0.00	27.30 0.64 0.00	24.15 0.41 0.00
NPX_GEN_1385_PROXY 323591	22.14 1.34 0.00	19.80 0.96 0.00	18.22 0.86 0.00	17.21 0.87 0.00	16.83 0.87 0.00	18.91 0.89 0.00	19.23 1.00 0.00	18.70 1.02 0.00	19.88 1.18 0.00	21.07 1.32 0.00	26.71 1.99 0.00	31.44 2.40 0.00	29.80 2.35 -1.12	30.73 2.23 -2.95	30.85 2.44 -2.43	32.19 2.81 -0.07	30.27 2.63 -0.02	33.29 2.66 0.00	31.10 2.49 0.00	30.49 2.38 0.00	33.93 2.34 0.00	32.72 2.29 -0.01	28.53 1.86 0.00	25.26 1.52 0.00
NPX_GEN_CSC 323557	21.99 1.18 0.00	19.65 0.81 0.00	18.07 0.71 0.00	17.15 0.80 0.00	16.83 0.86 0.00	18.83 0.80 0.00	19.07 0.84 0.00	18.57 0.90 0.00	19.76 1.06 0.00	20.93 1.18 0.00	26.45 1.73 0.00	31.20 2.16 0.00	29.61 2.16 -1.12	30.55 2.05 -2.95	30.74 2.32 -2.43	32.13 2.75 -0.07	30.23 2.59 -0.02	33.21 2.57 0.00	31.01 2.41 0.00	30.43 2.31 0.00	33.86 2.28 0.00	32.62 2.18 -0.01	28.43 1.77 0.00	25.12 1.38 0.00
NSINS_S_GLNS_FALLS 23858	21.98 1.17 0.00	19.81 0.97 0.00	18.26 0.90 0.00	17.22 0.87 0.00	16.82 0.86 0.00	18.96 0.93 0.00	19.28 1.06 0.00	18.67 0.99 0.00	19.63 0.92 0.00	20.70 0.96 0.00	25.73 1.01 0.00	30.20 1.16 0.00	27.45 1.12 0.00	26.45 0.90 0.00	27.07 1.09 0.00	30.50 1.19 0.00	28.76 1.13 0.00	32.10 1.47 0.00	30.50 1.90 0.00	30.30 2.19 0.00	33.78 2.20 0.00	32.48 2.06 0.00	28.31 1.65 0.00	25.11 1.36 0.00
NUCOR_STEEL____DRP 24197	21.07 0.26 0.00	19.05 0.20 0.00	17.54 0.17 0.00	16.53 0.18 0.00	16.15 0.19 0.00	18.28 0.26 0.00	18.53 0.30 0.00	17.98 0.30 0.00	18.95 0.25 0.00	20.04 0.30 0.00	25.24 0.42 -0.10	29.71 0.44 -0.23	26.98 0.30 -0.35	25.84 0.29 0.00	26.32 0.34 0.00	29.80 0.48 0.00	27.98 0.35 0.00	31.88 0.55 -0.69	29.17 0.57 0.00	29.81 0.58 -1.11	32.04 0.45 0.00	30.83 0.41 0.00	26.99 0.32 0.00	24.20 0.46 0.00
NUMBER_THREE_WT_PWR 323818	21.20 0.39 0.00	19.17 0.33 0.00	17.65 0.28 0.00	16.58 0.23 0.00	16.21 0.25 0.00	18.38 0.35 0.00	18.61 0.39 0.00	17.94 0.27 0.00	18.93 0.22 0.00	19.86 0.11 0.00	24.77 0.03 -0.03	29.13 0.03 -0.07	26.44 0.01 -0.10	25.63 0.08 0.00	26.07 0.09 0.00	29.42 0.10 0.00	27.74 0.11 0.00	31.07 0.23 -0.21	29.02 0.41 0.00	29.00 0.56 -0.33	32.48 0.89 0.00	31.37 0.94 0.00	27.45 0.79 0.00	24.41 0.67 0.00
NYISO_LBMP_REFERENCE 24008	20.81 0.00 0.00	18.84 0.00 0.00	17.37 0.00 0.00	16.35 0.00 0.00	15.96 0.00 0.00	18.03 0.00 0.00	18.23 0.00 0.00	17.67 0.00 0.00	18.70 0.00 0.00	19.75 0.00 0.00	24.72 0.00 0.00	29.04 0.00 0.00	26.33 0.00 0.00	25.54 0.00 0.00	25.98 0.00 0.00	29.31 0.00 0.00	27.63 0.00 0.00	30.64 0.00 0.00	28.61 0.00 0.00	28.11 0.00 0.00	31.59 0.00 0.00	30.43 0.00 0.00	26.66 0.00 0.00	23.74 0.00 0.00
NYPA_BRENTWD____GT 24164	22.36 1.55 0.00	19.98 1.14 0.00	18.38 1.02 0.00	17.37 1.02 0.00	16.98 1.02 0.00	19.09 1.06 0.00	19.41 1.18 0.00	18.89 1.21 0.00	20.10 1.39 0.00	21.29 1.54 0.00	26.98 2.26 0.00	31.79 2.75 0.00	30.13 2.68 -1.12	31.06 2.56 -2.95	31.21 2.80 -2.43	32.63 3.25 -0.07	30.68 3.04 -0.02	33.66 3.03 0.00	31.44 2.83 0.00	30.81 2.70 0.00	34.31 2.73 0.00	33.16 2.73 -0.01	28.89 2.23 0.00	25.56 1.81 0.00
NYPA_GOWANUS____GT5 24156	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NYPA_GOWANUS____GT6 24157	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.84 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.87 1.16 0.00	21.07 1.33 0.00	26.51 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.39 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.47 1.80 0.00	25.28 1.54 0.00
NYPA_HARLEM_RVR_GT1 24160	21.95 1.15 0.00	19.76 0.92 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.77 0.80 0.00	18.89 0.86 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.09 0.00	20.99 1.25 0.00	26.35 1.64 0.00	31.04 2.00 0.00	28.38 2.05 0.00	27.56 2.01 0.00	28.18 2.20 0.00	31.77 2.46 0.00	29.92 2.29 0.00	32.94 2.30 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.05 0.00	32.41 1.98 0.00	28.33 1.67 0.00	25.16 1.41 0.00
NYPA_HARLEM_RVR_GT2 24161	21.95 1.15 0.00	19.76 0.92 0.00	18.27 0.91 0.00	17.20 0.85 0.00	16.77 0.80 0.00	18.89 0.86 0.00	19.28 1.05 0.00	18.66 0.99 0.00	19.79 1.09 0.00	20.99 1.25 0.00	26.35 1.64 0.00	31.04 2.00 0.00	28.38 2.05 0.00	27.56 2.01 0.00	28.18 2.20 0.00	31.77 2.46 0.00	29.92 2.29 0.00	32.94 2.30 0.00	30.75 2.14 0.00	30.21 2.10 0.00	33.64 2.05 0.00	32.41 1.98 0.00	28.33 1.67 0.00	25.16 1.41 0.00
NYPA_KENT____GT 24152	22.01 1.20 0.00	19.80 0.96 0.00	18.29 0.93 0.00	17.24 0.89 0.00	16.80 0.84 0.00	18.92 0.89 0.00	19.32 1.09 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.32 0.00	26.50 1.79 0.00	31.22 2.18 0.00	28.54 2.21 0.00	27.67 2.13 0.00	28.29 2.31 0.00	31.93 2.62 0.00	30.11 2.48 0.00	33.19 2.55 0.00	30.97 2.36 0.00	30.38 2.27 0.00	33.79 2.21 0.00	32.52 2.09 0.00	28.44 1.77 0.00	25.25 1.51 0.00
NYPA_POUCH1____GT 24155	21.99 1.18 0.00	19.79 0.94 0.00	18.27 0.90 0.00	17.21 0.87 0.00	16.77 0.81 0.00	18.89 0.87 0.00	19.29 1.06 0.00	18.68 1.00 0.00	19.80 1.10 0.00	21.00 1.26 0.00	26.42 1.71 0.00	31.11 2.07 0.00	28.49 2.16 0.00	27.62 2.07 0.00	28.22 2.24 0.00	31.84 2.54 0.02	30.05 2.42 0.00	33.05 2.46 0.05	30.92 2.31 0.00	30.33 2.22 0.00	33.69 2.11 0.00	32.43 2.01 0.00	28.42 1.76 0.00	25.24 1.50 0.00
NYPA_VERNON____GT2 24162	21.99 1.18 0.00	19.78 0.94 0.00	18.28 0.91 0.00	17.23 0.88 0.00	16.80 0.84 0.00	18.91 0.88 0.00	19.31 1.08 0.00	18.72 1.05 0.00	19.86 1.16 0.00	21.06 1.32 0.00	26.49 1.78 0.00	31.20 2.16 0.00	28.51 2.18 0.00	27.65 2.10 0.00	28.26 2.28 0.00	31.91 2.59 0.00	30.08 2.45 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.35 2.24 0.00	33.78 2.19 0.00	32.49 2.07 0.00	28.39 1.73 0.00	25.22 1.48 0.00

NYPA_VERNON____GT3 24163	21.99	19.78	18.28	17.23	16.80	18.91	19.31	18.72	19.86	21.06	26.49	31.20	28.51	27.65	28.26	31.91	30.08	33.16	30.94	30.35	33.78	32.49	28.39	25.22
	1.18	0.94	0.91	0.88	0.84	0.88	1.08	1.05	1.16	1.32	1.78	2.16	2.18	2.10	2.28	2.59	2.45	2.52	2.33	2.24	2.19	2.07	1.73	1.48
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	21.97	19.77	18.26	17.21	16.78	18.89	19.28	18.70	19.83	21.02	26.44	31.14	28.47	27.60	28.22	31.85	30.02	33.10	30.89	30.31	33.73	32.45	28.36	25.18
	1.16	0.93	0.89	0.87	0.82	0.86	1.06	1.02	1.12	1.27	1.73	2.10	2.14	2.05	2.24	2.54	2.39	2.47	2.29	2.20	2.14	2.02	1.69	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	21.97	19.77	18.26	17.21	16.78	18.89	19.28	18.70	19.83	21.02	26.44	31.14	28.47	27.60	28.22	31.85	30.02	33.10	30.89	30.31	33.73	32.45	28.36	25.18
	1.16	0.93	0.89	0.87	0.82	0.86	1.06	1.02	1.12	1.27	1.73	2.10	2.14	2.05	2.24	2.54	2.39	2.47	2.29	2.20	2.14	2.02	1.69	1.44
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	22.17	19.82	18.24	17.25	16.89	18.95	19.24	18.74	19.92	21.08	26.67	31.43	29.82	30.75	30.91	32.29	30.36	33.33	31.12	30.54	34.01	32.79	28.61	25.33
	1.36	0.97	0.87	0.90	0.92	0.92	1.02	1.06	1.22	1.34	1.96	2.39	2.37	2.25	2.49	2.91	2.71	2.69	2.51	2.43	2.42	2.36	1.95	1.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.12	-2.95	-2.43	-0.07	-0.02	0.00	0.00	0.00	0.00	-0.01	0.00	0.00
NYPA____HELLGATE_GT1 24158	21.95	19.76	18.27	17.20	16.77	18.89	19.28	18.66	19.79	20.99	26.35	31.04	28.38	27.56	28.18	31.77	29.92	32.93	30.75	30.21	33.66	32.41	28.33	25.16
	1.15	0.92	0.91	0.85	0.80	0.86	1.05	0.99	1.09	1.25	1.64	2.00	2.05	2.01	2.20	2.46	2.29	2.30	2.14	2.10	2.07	1.98	1.67	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	21.95	19.76	18.27	17.20	16.77	18.89	19.28	18.66	19.79	20.99	26.35	31.04	28.38	27.56	28.18	31.77	29.92	32.93	30.75	30.21	33.66	32.41	28.33	25.16
	1.15	0.92	0.91	0.85	0.80	0.86	1.05	0.99	1.09	1.25	1.64	2.00	2.05	2.01	2.20	2.46	2.29	2.30	2.14	2.10	2.07	1.98	1.67	1.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
NYS_BARGE____HYD 23848	20.87	18.76	17.12	16.06	15.70	18.00	18.30	17.75	18.86	20.03	25.15	29.08	26.18	25.68	25.38	28.89	27.23	30.09	27.86	27.51	30.96	29.72	26.23	24.04
	0.06	-0.09	-0.24	-0.28	-0.26	-0.03	0.07	0.08	0.16	0.28	0.44	0.04	-0.15	0.14	-0.60	-0.43	-0.41	-0.54	-0.75	-0.60	-0.62	-0.71	-0.43	0.30
	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
OAK ORCHARD____HYD 24046	21.00	18.90	17.31	16.26	15.89	18.12	18.40	17.85	18.93	20.05	25.17	29.29	26.46	25.85	25.89	29.41	27.75	30.79	28.61	28.16	31.60	30.33	26.66	24.15
	0.19	0.06	-0.05	-0.09	-0.07	0.10	0.17	0.17	0.22	0.31	0.46	0.25	0.12	0.30	-0.09	0.10	0.12	0.15	0.00	0.05	0.02	-0.09	0.00	0.41
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OAKDALE____35_KV_LOAD 356122	21.06	18.98	17.51	16.49	16.09	18.23	18.46	17.97	19.05	20.15	25.39	29.74	26.95	26.08	26.42	29.92	28.21	31.57	29.13	29.09	32.09	30.80	26.97	24.15
	0.25	0.14	0.15	0.14	0.12	0.20	0.24	0.29	0.35	0.40	0.63	0.62	0.48	0.54	0.44	0.61	0.57	0.66	0.53	0.54	0.51	0.37	0.30	0.40
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.04	-0.09	-0.14	0.00	0.00	0.00	0.00	-0.27	0.00	-0.44	0.00	0.00	0.00	0.00
OCC_CHEM____DRP 24175	20.61	18.53	16.92	15.87	15.51	17.78	18.06	17.52	18.60	19.74	24.78	28.60	25.76	25.26	24.83	28.19	26.55	29.33	27.15	26.82	30.22	29.02	25.67	23.64
	-0.20	-0.31	-0.44	-0.48	-0.45	-0.25	-0.16	-0.16	-0.10	0.00	0.06	-0.44	-0.57	-0.28	-1.15	-1.12	-1.08	-1.30	-1.46	-1.29	-1.36	-1.40	-1.00	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OH_GEN_PROXY 24063	20.69	18.60	17.00	15.95	15.59	17.85	18.15	17.62	18.70	19.85	24.94	28.81	25.91	25.39	25.17	28.64	26.98	29.81	27.60	27.20	30.60	29.37	25.96	23.79
	-0.12	-0.24	-0.36	-0.40	-0.37	-0.17	-0.08	-0.06	0.00	0.10	0.22	-0.23	-0.42	-0.15	-0.82	-0.67	-0.65	-0.83	-1.01	-0.91	-0.98	-1.05	-0.71	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
OLIN_CORP_DRP 24177	20.59	18.51	16.90	15.86	15.49	17.76	18.04	17.50	18.58	19.71	24.74	28.58	25.74	25.25	24.91	28.36	26.71	29.51	27.32	26.98	30.40	29.18	25.80	23.68
	-0.22	-0.33	-0.47	-0.49	-0.47	-0.26	-0.18	-0.17	-0.13	-0.03	0.02	-0.46	-0.59	-0.29	-1.07	-0.95	-0.93	-1.13	-1.29	-1.13	-1.18	-1.24	-0.87	-0.06
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
OLIN_CORP_DSASP 323712	20.61	18.53	16.92	15.87	15.51	17.78	18.06	17.52	18.60	19.74	24.78	28.60	25.76	25.26	24.83	28.19	26.55	29.33	27.15	26.83	30.22	29.03	25.66	23.64
	-0.20	-0.31	-0.44	-0.47	-0.45	-0.25	-0.16	-0.16	-0.10	0.00	0.06	-0.44	-0.57	-0.28	-1.15	-1.12	-1.08	-1.30	-1.46	-1.28	-1.36	-1.40	-1.00	-0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ONEIDA_HERK_LFGE 323681	21.20	19.17	17.66	16.61	16.23	18.37	18.61	18.00	19.03	20.03	25.05	29.44	26.71	25.90	26.34	29.74	28.06	31.31	29.26	29.05	32.52	31.33	27.37	24.35
	0.39	0.32	0.29	0.26	0.27	0.34	0.38	0.32	0.32	0.28	0.32	0.36	0.32	0.35	0.36	0.43	0.43	0.56	0.65	0.75	0.93	0.90	0.71	0.61
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	-0.04	-0.06	0.00	0.00	0.00	0.00	-0.12	0.00	-0.19	0.00	0.00	0.00	0.00
ONEIDA____115KV_TB4 55905	21.31	19.24	17.73	16.68	16.30	18.45	18.69	18.09	19.12	20.16	25.29	29.72	26.98	26.13	26.55	30.01	28.33	31.69	29.51	29.41	32.71	31.44	27.43	24.44
	0.50	0.40	0.36	0.33	0.33	0.42	0.47	0.42	0.41	0.42	0.55	0.62	0.55	0.59	0.57	0.69	0.70	0.86	0.90	0.99	1.13	1.01	0.77	0.70
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.03	-0.07	-0.10	0.00	0.00	0.00	0.00	-0.20	0.00	-0.32	0.00	0.00	0.00	0.00

ONONDAGA_REF_OCCRA 23987	20.90 0.09 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 0.00 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.77 0.07 0.00	19.80 0.06 0.00	24.87 0.08 -0.07	29.23 0.04 -0.15	26.59 0.03 -0.23	25.62 0.08 0.00	25.97 -0.01 0.00	29.37 0.06 0.00	27.72 0.09 0.00	31.24 0.14 -0.46	28.74 0.13 0.00	29.00 0.15 -0.74	31.69 0.11 0.00	30.45 0.02 0.00	26.65 -0.01 0.00	23.88 0.14 0.00
ONONDAGA___COGEN 23986	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
ONTARIO___LFGE 23819	21.15 0.34 0.00	19.04 0.20 0.00	17.51 0.15 0.00	16.47 0.12 0.00	16.08 0.12 0.00	18.30 0.28 0.00	18.56 0.34 0.00	18.06 0.39 0.00	19.15 0.44 0.00	20.23 0.49 0.00	25.46 0.71 -0.04	29.76 0.64 -0.08	26.94 0.49 -0.12	26.13 0.59 0.00	26.36 0.38 0.00	29.91 0.59 0.00	28.24 0.61 0.00	31.70 0.82 -0.24	29.36 0.76 0.00	29.29 0.79 -0.39	32.30 0.71 0.00	30.92 0.49 0.00	27.03 0.37 0.00	24.28 0.54 0.00
ORANGEVILLE_WT_PWR 323706	21.02 0.21 0.00	18.87 0.03 0.00	17.29 -0.08 0.00	16.23 -0.12 0.00	15.83 -0.13 0.00	18.11 0.09 0.00	18.39 0.16 0.00	17.92 0.24 0.00	19.11 0.40 0.00	20.29 0.54 0.00	25.55 0.83 0.00	29.58 0.54 0.00	26.60 0.27 0.00	26.03 0.49 0.00	25.95 -0.03 0.00	29.47 0.16 0.00	27.72 0.09 0.00	30.58 -0.06 0.00	28.26 -0.35 0.00	27.84 -0.27 0.00	31.21 -0.37 0.00	29.80 -0.62 0.00	26.22 -0.44 0.00	23.87 0.13 0.00
ORANGEVILLE___ESR 323794	21.02 0.21 0.00	18.87 0.03 0.00	17.29 -0.08 0.00	16.23 -0.12 0.00	15.83 -0.13 0.00	18.11 0.09 0.00	18.39 0.16 0.00	17.92 0.24 0.00	19.11 0.40 0.00	20.29 0.54 0.00	25.55 0.83 0.00	29.58 0.54 0.00	26.60 0.27 0.00	26.03 0.49 0.00	25.95 -0.03 0.00	29.47 0.16 0.00	27.72 0.09 0.00	30.58 -0.06 0.00	28.26 -0.35 0.00	27.84 -0.27 0.00	31.21 -0.37 0.00	29.80 -0.62 0.00	26.22 -0.44 0.00	23.87 0.13 0.00
OSWEGATCHIE___HYD 24044	20.88 0.07 0.00	18.96 0.11 0.00	17.44 0.08 0.00	16.39 0.04 0.00	16.02 0.05 0.00	18.14 0.11 0.00	18.30 0.08 0.00	17.61 -0.06 0.00	18.59 -0.11 0.00	19.54 -0.21 0.00	24.39 -0.35 -0.03	28.70 -0.40 -0.06	26.04 -0.38 -0.08	25.22 -0.32 0.00	25.64 -0.34 0.00	28.93 -0.39 0.00	27.22 -0.41 0.00	30.35 -0.45 -0.17	28.28 -0.33 0.00	28.13 -0.25 -0.27	31.61 0.03 0.00	30.62 0.20 0.00	26.98 0.32 0.00	23.98 0.24 0.00
OSWEGO___5 23606	20.52 -0.28 0.00	18.55 -0.30 0.00	17.07 -0.29 0.00	16.07 -0.28 0.00	15.69 -0.27 0.00	17.76 -0.27 0.00	17.95 -0.27 0.00	17.39 -0.28 0.00	18.41 -0.30 0.00	19.41 -0.33 0.00	24.71 -0.44 -0.43	29.45 -0.58 -0.99	27.27 -0.53 -1.48	25.07 -0.47 0.00	25.43 -0.55 0.00	28.74 -0.57 0.00	27.10 -0.53 0.00	33.00 -0.56 -2.92	28.08 -0.53 0.00	32.31 -0.51 -4.71	30.97 -0.61 0.00	29.80 -0.63 0.00	26.10 -0.56 0.00	23.39 -0.35 0.00
OSWEGO___6 23613	20.52 -0.28 0.00	18.55 -0.30 0.00	17.07 -0.29 0.00	16.07 -0.28 0.00	15.69 -0.27 0.00	17.76 -0.27 0.00	17.95 -0.27 0.00	17.39 -0.28 0.00	18.41 -0.30 0.00	19.41 -0.33 0.00	24.71 -0.44 -0.43	29.45 -0.58 -0.99	27.27 -0.53 -1.48	25.07 -0.47 0.00	25.43 -0.55 0.00	28.74 -0.57 0.00	27.10 -0.53 0.00	33.00 -0.56 -2.92	28.08 -0.53 0.00	32.31 -0.51 -4.71	30.97 -0.61 0.00	29.80 -0.63 0.00	26.10 -0.56 0.00	23.39 -0.35 0.00
OUTOKUMPU-AB___DRP 24206	21.04 0.23 0.00	18.91 0.07 0.00	17.28 -0.09 0.00	16.21 -0.14 0.00	15.84 -0.12 0.00	18.16 0.13 0.00	18.45 0.23 0.00	17.94 0.26 0.00	19.07 0.37 0.00	20.26 0.51 0.00	25.47 0.76 0.00	29.45 0.41 0.00	26.51 0.18 0.00	26.01 0.46 0.00	25.71 -0.28 0.00	29.22 -0.09 0.00	27.54 -0.10 0.00	30.44 -0.19 0.00	28.15 -0.45 0.00	27.76 -0.35 0.00	31.23 -0.35 0.00	29.96 -0.46 0.00	26.44 -0.22 0.00	24.22 0.48 0.00
OXBOW____ 24026	20.89 0.08 0.00	18.78 -0.07 0.00	17.15 -0.22 0.00	16.08 -0.26 0.00	15.72 -0.25 0.00	18.02 -0.01 0.00	18.31 0.09 0.00	17.78 0.11 0.00	18.90 0.19 0.00	20.06 0.32 0.00	25.21 0.50 0.00	29.14 0.10 0.00	26.23 -0.10 0.00	25.73 0.19 0.00	25.37 -0.62 0.00	28.83 -0.49 0.00	27.16 -0.47 0.00	30.01 -0.62 0.00	27.77 -0.84 0.00	27.41 -0.70 0.00	30.85 -0.74 0.00	29.60 -0.82 0.00	26.13 -0.53 0.00	24.01 0.27 0.00
OXY_CHEM_DSASP 323612	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.48 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.82 -1.29 0.00	30.22 -1.36 0.00	29.02 -1.40 0.00	25.67 -1.00 0.00	23.64 -0.10 0.00
OZONE_PARK_ESR 323760	22.19 1.38 0.00	19.93 1.09 0.00	18.39 1.03 0.00	17.34 0.99 0.00	16.90 0.93 0.00	19.02 1.00 0.00	19.42 1.19 0.00	18.83 1.16 0.00	19.98 1.28 0.00	21.19 1.45 0.00	26.67 1.95 0.00	31.44 2.40 0.00	28.71 2.38 0.00	27.82 2.27 0.00	28.45 2.47 0.00	32.14 2.83 0.00	30.31 2.68 0.00	33.46 2.83 0.00	31.21 2.61 0.00	30.62 2.51 0.00	34.06 2.48 0.00	32.76 2.33 0.00	28.62 1.96 0.00	25.43 1.69 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.48 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.82 -1.29 0.00	30.22 -1.36 0.00	29.02 -1.40 0.00	25.67 -1.00 0.00	23.64 -0.10 0.00
PACKARD__115KV_DUPONT_184 80571	20.61 -0.20 0.00	18.53 -0.31 0.00	16.92 -0.44 0.00	15.87 -0.48 0.00	15.51 -0.45 0.00	17.78 -0.25 0.00	18.06 -0.16 0.00	17.52 -0.16 0.00	18.60 -0.10 0.00	19.74 0.00 0.00	24.78 0.06 0.00	28.60 -0.44 0.00	25.76 -0.57 0.00	25.26 -0.28 0.00	24.83 -1.15 0.00	28.19 -1.12 0.00	26.55 -1.08 0.00	29.33 -1.30 0.00	27.15 -1.46 0.00	26.82 -1.29 0.00	30.22 -1.36 0.00	29.02 -1.40 0.00	25.67 -1.00 0.00	23.64 -0.10 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	21.98 1.17 0.00	19.78 0.94 0.00	18.27 0.91 0.00	17.21 0.86 0.00	16.77 0.81 0.00	18.90 0.87 0.00	19.29 1.06 0.00	18.67 0.99 0.00	19.80 1.09 0.00	20.99 1.25 0.00	26.37 1.66 0.00	31.04 2.00 0.00	28.39 2.06 0.00	27.54 1.99 0.00	28.15 2.17 0.00	31.75 2.43 0.00	29.90 2.27 0.00	32.95 2.31 0.00	30.79 2.19 0.00	30.23 2.12 0.00	33.67 2.08 0.00	32.42 1.99 0.00	28.32 1.66 0.00	25.15 1.41 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.06 1.25 0.00	19.86 1.02 0.00	18.36 0.99 0.00	17.28 0.93 0.00	16.84 0.87 0.00	18.96 0.94 0.00	19.39 1.17 0.00	18.78 1.10 0.00	19.88 1.18 0.00	21.08 1.33 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.45 2.12 0.00	27.59 2.04 0.00	28.20 2.21 0.00	31.79 2.48 0.00	29.96 2.33 0.00	33.01 2.38 0.00	30.83 2.22 0.00	30.26 2.15 0.00	33.72 2.14 0.00	32.50 2.08 0.00	28.37 1.71 0.00	25.21 1.46 0.00
PATROON__115KV_TB1 80586	21.20 0.39 0.00	19.15 0.31 0.00	17.67 0.31 0.00	16.66 0.31 0.00	16.28 0.31 0.00	18.31 0.28 0.00	18.55 0.32 0.00	17.94 0.27 0.00	18.98 0.28 0.00	20.04 0.30 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.86 0.53 0.00	26.07 0.52 0.00	26.66 0.67 0.00	29.95 0.64 0.00	28.23 0.59 0.00	31.36 0.72 0.00	29.45 0.84 0.00	29.02 0.91 0.00	32.43 0.85 0.00	31.29 0.86 0.00	27.25 0.58 0.00	24.21 0.47 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.11 0.30 0.00	18.96 0.12 0.00	17.36 -0.01 0.00	16.29 -0.05 0.00	15.91 -0.05 0.00	18.22 0.19 0.00	18.51 0.28 0.00	18.04 0.37 0.00	19.21 0.51 0.00	20.41 0.66 0.00	25.72 1.00 0.00	29.75 0.71 0.00	26.73 0.40 0.00	26.24 0.70 0.00	26.12 0.14 0.00	29.76 0.45 0.00	28.04 0.41 0.00	30.95 0.32 0.00	28.65 0.04 0.00	28.11 0.00 0.00	31.65 0.06 0.00	30.31 -0.12 0.00	26.72 0.06 0.00	24.34 0.60 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.03 1.22 0.00	19.79 0.94 0.00	18.25 0.88 0.00	17.20 0.85 0.00	16.78 0.81 0.00	18.90 0.87 0.00	19.25 1.03 0.00	18.68 1.01 0.00	19.81 1.11 0.00	21.00 1.25 0.00	26.43 1.71 0.00	31.21 2.16 0.00	28.45 2.12 0.00	27.61 2.07 0.00	28.24 2.26 0.00	31.85 2.54 0.00	30.05 2.42 0.00	33.25 2.62 0.00	31.07 2.46 0.00	30.48 2.37 0.00	33.95 2.37 0.00	32.63 2.21 0.00	28.44 1.78 0.00	25.25 1.50 0.00
PEEKSKILL____ 23653	21.81 1.00 0.00	19.60 0.76 0.00	18.08 0.72 0.00	17.05 0.70 0.00	16.62 0.66 0.00	18.72 0.70 0.00	19.07 0.85 0.00	18.50 0.82 0.00	19.61 0.90 0.00	20.78 1.03 0.00	26.17 1.45 0.00	30.85 1.81 0.00	28.13 1.80 0.00	27.27 1.72 0.00	27.88 1.90 0.00	31.47 2.16 0.00	29.68 2.05 0.00	32.82 2.19 0.00	30.65 2.05 0.00	30.07 1.95 0.00	33.49 1.90 0.00	32.21 1.78 0.00	28.11 1.44 0.00	24.98 1.23 0.00
PGE MADISON__WINDPWR 24146	22.31 1.50 0.00	20.09 1.25 0.00	18.49 1.13 0.00	17.35 1.00 0.00	16.99 1.02 0.00	19.32 1.29 0.00	19.64 1.42 0.00	19.07 1.40 0.00	20.17 1.46 0.00	21.17 1.42 0.00	26.52 1.76 -0.04	31.09 1.95 -0.09	28.37 1.89 -0.15	27.45 1.91 0.00	27.76 1.78 0.00	31.44 2.13 0.00	29.71 2.08 0.00	33.56 2.63 -0.30	31.18 2.57 0.00	31.35 2.75 -0.48	34.61 3.03 0.00	33.14 2.72 0.00	28.83 2.17 0.00	25.60 1.86 0.00
PIERCEFIELD__HYD 23852	20.68 -0.13 0.00	18.86 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.03 0.00 0.00	18.11 -0.11 0.00	17.42 -0.26 0.00	18.41 -0.30 0.00	19.41 -0.34 0.00	24.24 -0.48 0.00	28.53 -0.50 0.00	25.83 -0.51 0.00	25.05 -0.49 0.00	25.45 -0.53 0.00	28.72 -0.59 0.00	26.96 -0.67 0.00	29.80 -0.84 0.00	27.77 -0.84 0.00	27.28 -0.83 0.00	30.96 -0.63 0.00	30.03 -0.39 0.00	26.67 0.01 0.00	23.67 -0.07 0.00
PINELAWN_CC_1 323563	22.28 1.47 0.00	19.91 1.06 0.00	18.32 0.96 0.00	17.30 0.95 0.00	16.90 0.94 0.00	19.01 0.99 0.00	19.34 1.11 0.00	18.81 1.14 0.00	20.00 1.30 0.00	21.20 1.45 0.00	26.85 2.13 0.00	31.62 2.58 0.00	30.00 2.55 -1.12	30.93 2.43 -2.95	31.04 2.63 -2.43	32.44 3.05 -0.07	30.52 2.88 -0.02	33.63 2.99 0.00	31.41 2.80 0.00	30.79 2.68 0.00	34.29 2.70 0.00	33.06 2.62 -0.01	28.78 2.12 0.00	25.47 1.73 0.00
PJM_GEN_HTP_PROXY 323702	21.95 1.14 0.00	19.73 0.89 0.00	18.21 0.85 0.00	17.17 0.83 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.22 0.99 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.97 1.22 0.00	26.39 1.67 0.00	31.10 2.06 0.00	28.37 2.06 0.03	27.51 1.97 0.00	28.13 2.15 0.00	31.78 2.46 0.00	29.95 2.32 0.00	33.07 2.44 0.00	30.85 2.24 0.00	30.26 2.15 0.00	33.79 2.10 -0.11	32.82 1.95 -0.44	28.30 1.63 0.00	25.15 1.41 0.00
PJM_GEN_KEystone 24065	14.53 0.40 6.68	17.01 0.23 2.06	17.09 0.20 0.48	16.56 0.21 0.00	13.11 0.17 3.02	18.30 0.27 0.00	18.60 0.38 0.00	18.09 0.41 0.00	19.21 0.51 0.00	19.91 0.64 0.47	25.76 1.02 -0.02	34.79 1.10 -4.66	22.22 0.91 5.02	26.46 0.92 0.00	26.80 0.82 0.00	30.37 1.06 0.00	28.62 0.99 0.00	31.79 1.05 -0.11	29.45 0.85 0.00	29.08 0.80 -0.18	32.40 0.71 -0.11	31.41 0.55 -0.44	27.16 0.50 0.00	24.36 0.61 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.05 1.23 0.00	19.72 0.87 0.00	18.14 0.78 0.00	17.13 0.78 0.00	16.73 0.77 0.00	18.82 0.79 0.00	19.14 0.91 0.00	18.61 0.94 0.00	19.78 1.07 0.00	20.96 1.22 0.00	26.53 1.81 0.00	31.25 2.22 0.00	29.61 2.19 -1.09	30.57 2.08 -2.95	30.69 2.28 -2.43	31.99 2.61 -0.07	30.10 2.46 -0.02	33.18 2.54 0.00	30.99 2.39 0.00	30.39 2.28 0.00	33.96 2.27 -0.11	33.06 2.18 -0.45	28.41 1.75 0.00	25.17 1.42 0.00
PJM_GEN_VFT_PROXY 323633	21.89 1.08 0.00	19.68 0.84 0.00	18.16 0.79 0.00	17.12 0.77 0.00	16.67 0.71 0.00	18.78 0.75 0.00	19.16 0.93 0.00	18.56 0.89 0.00	19.68 0.97 0.00	20.86 1.12 0.00	26.27 1.55 0.00	30.96 1.92 0.00	28.26 1.95 0.03	27.36 1.82 0.00	27.99 2.00 0.00	31.62 2.31 0.00	29.80 2.17 0.00	32.89 2.26 0.00	30.69 2.09 0.00	30.10 1.99 0.00	33.60 1.91 -0.11	32.64 1.77 -0.44	28.16 1.50 0.00	25.05 1.31 0.00
PLATSBRG_115KV_PMLD1 355749	21.41 0.60 0.00	19.48 0.63 0.00	17.96 0.59 0.00	16.92 0.57 0.00	16.54 0.58 0.00	18.72 0.69 0.00	18.96 0.73 0.00	18.22 0.54 0.00	19.27 0.56 0.00	20.35 0.60 0.00	25.38 0.66 0.00	29.85 0.81 0.00	27.09 0.75 0.00	26.27 0.73 0.00	26.79 0.81 0.00	30.18 0.86 0.00	28.40 0.77 0.00	31.71 1.07 0.00	29.60 1.00 0.00	29.11 1.00 0.00	32.68 1.09 0.00	31.50 1.07 0.00	27.68 1.02 0.00	24.49 0.75 0.00
PLEASANTVLY__LBMP 24000	21.73 0.92 0.00	19.54 0.70 0.00	18.03 0.67 0.00	17.00 0.65 0.00	16.59 0.62 0.00	18.68 0.65 0.00	19.00 0.78 0.00	18.42 0.74 0.00	19.50 0.80 0.00	20.66 0.91 0.00	25.96 1.25 0.00	30.59 1.55 0.00	27.87 1.54 0.00	27.01 1.47 0.00	27.63 1.65 0.00	31.15 1.84 0.00	29.36 1.73 0.00	32.50 1.86 0.00	30.39 1.79 0.00	29.85 1.74 0.00	33.26 1.68 0.00	32.03 1.60 0.00	27.94 1.28 0.00	24.84 1.09 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	21.88 1.07 0.00	19.66 0.82 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.68 0.72 0.00	18.79 0.76 0.00	19.14 0.92 0.00	18.56 0.89 0.00	19.67 0.97 0.00	20.86 1.11 0.00	26.25 1.53 0.00	30.94 1.90 0.00	28.21 1.88 0.00	27.35 1.81 0.00	27.97 1.98 0.00	31.57 2.26 0.00	29.77 2.13 0.00	32.92 2.28 0.00	30.74 2.14 0.00	30.17 2.06 0.00	33.60 2.02 0.00	32.32 1.90 0.00	28.20 1.54 0.00	25.06 1.32 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	21.88 1.07 0.00	19.66 0.82 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.68 0.72 0.00	18.79 0.76 0.00	19.14 0.92 0.00	18.56 0.89 0.00	19.67 0.97 0.00	20.86 1.11 0.00	26.25 1.53 0.00	30.94 1.90 0.00	28.21 1.88 0.00	27.35 1.81 0.00	27.97 1.98 0.00	31.57 2.26 0.00	29.77 2.13 0.00	32.92 2.28 0.00	30.74 2.14 0.00	30.17 2.06 0.00	33.60 2.02 0.00	32.32 1.90 0.00	28.20 1.54 0.00	25.06 1.32 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.92 1.11 0.00	19.68 0.84 0.00	18.16 0.79 0.00	17.11 0.77 0.00	16.70 0.73 0.00	18.80 0.77 0.00	19.15 0.92 0.00	18.57 0.90 0.00	19.65 0.95 0.00	20.80 1.05 0.00	26.15 1.43 0.00	30.88 1.85 0.00	28.14 1.81 0.00	27.31 1.77 0.00	27.93 1.95 0.00	31.46 2.15 0.00	29.65 2.02 0.00	32.92 2.28 0.00	30.78 2.18 0.00	30.22 2.12 0.00	33.68 2.10 0.00	32.39 1.97 0.00	28.23 1.57 0.00	25.08 1.34 0.00
POLETTI____ 23519	21.94 1.13 0.00	19.72 0.87 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.74 0.78 0.00	18.84 0.82 0.00	19.22 1.00 0.00	18.64 0.97 0.00	19.77 1.07 0.00	20.96 1.22 0.00	26.36 1.64 0.00	31.05 2.01 0.00	28.35 2.02 0.00	27.47 1.93 0.00	28.10 2.12 0.00	31.73 2.42 0.00	29.91 2.28 0.00	33.01 2.37 0.00	30.81 2.20 0.00	30.22 2.11 0.00	33.63 2.04 0.00	32.33 1.90 0.00	28.25 1.59 0.00	25.11 1.37 0.00
PORT_JEFF_3 23555	22.22 1.41 0.00	19.87 1.02 0.00	18.27 0.91 0.00	17.28 0.94 0.00	16.92 0.96 0.00	18.99 0.97 0.00	19.29 1.06 0.00	18.77 1.10 0.00	19.97 1.27 0.00	21.14 1.40 0.00	26.75 2.03 0.00	31.53 2.49 0.00	29.88 2.43 -1.12	30.81 2.31 -2.95	30.98 2.57 -2.43	32.38 3.00 -0.07	30.39 2.75 -0.02	33.27 2.63 0.00	31.02 2.42 0.00	30.50 2.39 0.00	34.00 2.41 0.00	32.80 2.36 -0.01	28.63 1.97 0.00	25.35 1.61 0.00
PORT_JEFF_4 23616	22.22 1.41 0.00	19.87 1.02 0.00	18.27 0.91 0.00	17.28 0.94 0.00	16.92 0.96 0.00	18.99 0.97 0.00	19.29 1.06 0.00	18.77 1.10 0.00	19.97 1.27 0.00	21.14 1.40 0.00	26.75 2.03 0.00	31.53 2.49 0.00	29.88 2.43 -1.12	30.81 2.31 -2.95	30.98 2.57 -2.43	32.38 3.00 -0.07	30.39 2.75 -0.02	33.27 2.63 0.00	31.02 2.42 0.00	30.50 2.39 0.00	34.00 2.41 0.00	32.80 2.36 -0.01	28.63 1.97 0.00	25.35 1.61 0.00
PORT_JEFF_IC 23713	22.24 1.43 0.00	19.87 1.03 0.00	18.28 0.92 0.00	17.30 0.95 0.00	16.93 0.97 0.00	19.01 0.98 0.00	19.29 1.07 0.00	18.79 1.11 0.00	19.99 1.28 0.00	21.16 1.41 0.00	26.78 2.06 0.00	31.57 2.53 0.00	29.92 2.48 -1.12	30.87 2.37 -2.95	31.03 2.62 -2.43	32.45 3.07 -0.07	30.42 2.77 -0.02	33.25 2.61 0.00	31.04 2.43 0.00	30.61 2.50 0.00	34.10 2.51 0.00	32.88 2.44 -0.01	28.69 2.02 0.00	25.39 1.64 0.00
PPL PILGRIM_ST_GT1 24216	22.36 1.55 0.00	19.98 1.14 0.00	18.38 1.02 0.00	17.37 1.02 0.00	16.98 1.02 0.00	19.09 1.06 0.00	19.41 1.18 0.00	18.89 1.21 0.00	20.10 1.39 0.00	21.29 1.54 0.00	26.98 2.26 0.00	31.79 2.75 0.00	30.13 2.68 -1.12	31.06 2.56 -2.95	31.21 2.80 -2.43	32.63 3.25 -0.07	30.68 3.04 -0.02	33.66 3.03 0.00	31.44 2.83 0.00	30.81 2.70 0.00	34.31 2.73 0.00	33.16 2.73 -0.01	28.89 2.23 0.00	25.56 1.81 0.00
PPL PILGRIM_ST_GT2 24217	22.36 1.55 0.00	19.98 1.14 0.00	18.38 1.02 0.00	17.37 1.02 0.00	16.98 1.02 0.00	19.09 1.06 0.00	19.41 1.18 0.00	18.89 1.21 0.00	20.10 1.39 0.00	21.29 1.54 0.00	26.98 2.26 0.00	31.79 2.75 0.00	30.13 2.68 -1.12	31.06 2.56 -2.95	31.21 2.80 -2.43	32.63 3.25 -0.07	30.68 3.04 -0.02	33.66 3.03 0.00	31.44 2.83 0.00	30.81 2.70 0.00	34.31 2.73 0.00	33.16 2.73 -0.01	28.89 2.23 0.00	25.56 1.81 0.00
PPL_SHRM_GT3 24213	22.01 1.20 0.00	19.67 0.83 0.00	18.09 0.73 0.00	17.16 0.81 0.00	16.83 0.87 0.00	18.84 0.82 0.00	19.08 0.85 0.00	18.58 0.91 0.00	19.78 1.07 0.00	20.94 1.19 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.61 2.16 -1.12	30.55 2.05 -2.95	30.74 2.32 -2.43	32.14 2.77 -0.07	30.26 2.61 -0.02	33.25 2.61 0.00	31.05 2.44 0.00	30.44 2.33 0.00	33.88 2.30 0.00	32.64 2.20 -0.01	28.45 1.79 0.00	25.14 1.40 0.00
PPL_SHRM_GT4 24214	22.01 1.20 0.00	19.67 0.83 0.00	18.09 0.73 0.00	17.16 0.81 0.00	16.83 0.87 0.00	18.84 0.82 0.00	19.08 0.85 0.00	18.58 0.91 0.00	19.78 1.07 0.00	20.94 1.19 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.61 2.16 -1.12	30.55 2.05 -2.95	30.74 2.32 -2.43	32.14 2.77 -0.07	30.26 2.61 -0.02	33.25 2.61 0.00	31.05 2.44 0.00	30.44 2.33 0.00	33.88 2.30 0.00	32.64 2.20 -0.01	28.45 1.79 0.00	25.14 1.40 0.00
PROJECT____ORANGE 1 24174	20.80 -0.01 0.00	18.78 -0.06 0.00	17.28 -0.08 0.00	16.26 -0.08 0.00	15.88 -0.08 0.00	17.98 -0.04 0.00	18.20 -0.03 0.00	17.63 -0.04 0.00	18.68 -0.02 0.00	19.71 -0.04 0.00	24.74 -0.04 -0.06	29.06 -0.10 -0.13	26.41 -0.11 -0.19	25.49 -0.06 0.00	25.81 -0.17 0.00	29.19 -0.12 0.00	27.55 -0.08 0.00	30.95 -0.06 -0.37	28.54 -0.07 0.00	28.65 -0.07 -0.60	31.46 -0.13 0.00	30.22 -0.21 0.00	26.47 -0.19 0.00	23.75 0.01 0.00
PROJECT____ORANGE 2 24166	20.80 -0.01 0.00	18.78 -0.06 0.00	17.28 -0.08 0.00	16.26 -0.08 0.00	15.88 -0.08 0.00	17.98 -0.04 0.00	18.20 -0.03 0.00	17.63 -0.04 0.00	18.68 -0.02 0.00	19.71 -0.04 0.00	24.74 -0.04 -0.06	29.06 -0.10 -0.13	26.41 -0.11 -0.19	25.49 -0.06 0.00	25.81 -0.17 0.00	29.19 -0.12 0.00	27.55 -0.08 0.00	30.95 -0.06 -0.37	28.54 -0.07 0.00	28.65 -0.07 -0.60	31.46 -0.13 0.00	30.22 -0.21 0.00	26.47 -0.19 0.00	23.75 0.01 0.00
PUCKETT____SOLAR 323809	21.39 0.57 0.00	19.26 0.42 0.00	17.76 0.40 0.00	16.73 0.38 0.00	16.32 0.36 0.00	18.51 0.49 0.00	18.77 0.54 0.00	18.24 0.57 0.00	19.31 0.60 0.00	20.35 0.61 0.00	25.57 0.82 -0.04	29.91 0.78 -0.09	27.16 0.70 -0.14	26.26 0.72 0.00	26.62 0.64 0.00	30.19 0.88 0.00	28.54 0.91 0.00	32.00 1.09 -0.27	29.63 1.02 0.00	29.66 1.11 -0.44	32.76 1.17 0.00	31.43 1.01 0.00	27.47 0.81 0.00	24.53 0.79 0.00
PYRITES____HYD 24023	20.97 0.16 0.00	19.13 0.28 0.00	17.59 0.22 0.00	16.54 0.19 0.00	16.16 0.20 0.00	18.29 0.26 0.00	18.40 0.18 0.00	17.72 0.05 0.00	18.72 0.01 0.00	19.75 0.00 0.00	24.68 -0.04 0.00	29.06 0.02 0.00	26.31 -0.02 0.00	25.53 -0.01 0.00	25.92 -0.06 0.00	29.27 -0.04 0.00	27.48 -0.15 0.00	30.41 -0.22 0.00	28.34 -0.27 0.00	27.86 -0.25 0.00	31.66 0.08 0.00	30.67 0.24 0.00	27.14 0.48 0.00	24.01 0.27 0.00
QUAKERRD_115KV_BK1 80622	20.44 -0.37 0.00	18.42 -0.43 0.00	16.89 -0.47 0.00	15.87 -0.48 0.00	15.51 -0.45 0.00	17.66 -0.36 0.00	17.92 -0.31 0.00	17.36 -0.32 0.00	18.39 -0.32 0.00	19.46 -0.28 0.00	24.42 -0.30 0.00	28.46 -0.58 0.00	25.74 -0.60 0.00	25.12 -0.42 0.00	25.24 -0.74 0.00	28.65 -0.66 0.00	27.04 -0.60 0.00	30.01 -0.62 0.00	27.94 -0.67 0.00	27.47 -0.64 0.00	30.80 -0.78 0.00	29.57 -0.85 0.00	25.94 -0.72 0.00	23.43 -0.31 0.00

QUENSBRY_I15KV_TB8 356137	22.00 1.19 0.00	19.83 0.98 0.00	18.28 0.91 0.00	17.24 0.89 0.00	16.83 0.87 0.00	18.97 0.94 0.00	19.30 1.08 0.00	18.69 1.01 0.00	19.64 0.93 0.00	20.71 0.97 0.00	25.74 1.02 0.00	30.22 1.18 0.00	27.47 1.14 0.00	26.44 0.90 0.00	27.08 1.09 0.00	30.52 1.20 0.00	28.76 1.13 0.00	32.11 1.48 0.00	30.54 1.93 0.00	30.35 2.24 0.00	33.82 2.23 0.00	32.50 2.07 0.00	28.32 1.66 0.00	25.12 1.38 0.00
RAMAPO____LBMP 323565	21.69 0.88 0.00	19.50 0.66 0.00	17.99 0.62 0.00	16.96 0.61 0.00	16.53 0.57 0.00	18.63 0.60 0.00	18.98 0.76 0.00	18.40 0.72 0.00	19.50 0.79 0.00	20.66 0.91 0.00	26.04 1.32 0.00	30.71 1.67 0.00	27.99 1.66 0.00	27.13 1.59 0.00	27.73 1.75 0.00	31.30 1.99 0.00	29.53 1.90 0.00	32.67 2.03 0.00	30.51 1.90 0.00	29.91 1.81 0.00	33.32 1.74 0.00	32.03 1.60 0.00	27.95 1.29 0.00	24.84 1.10 0.00
RANKINE____ 23646	21.08 0.28 0.00	18.94 0.10 0.00	17.32 -0.04 0.00	16.25 -0.09 0.00	15.87 -0.09 0.00	18.18 0.16 0.00	18.48 0.25 0.00	18.00 0.33 0.00	19.16 0.45 0.00	20.35 0.60 0.00	25.62 0.91 0.00	29.63 0.59 0.00	26.66 0.33 0.00	26.15 0.60 0.00	25.97 -0.01 0.00	29.58 0.27 0.00	27.85 0.22 0.00	30.76 0.13 0.00	28.45 -0.16 0.00	27.98 -0.13 0.00	31.45 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.52 0.00
RAVENSWOOD_GT2_1 24244	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.65 0.98 0.00	19.78 1.08 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT2_2 24245	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.65 0.98 0.00	19.78 1.08 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT2_3 24246	21.97 1.16 0.00	19.74 0.90 0.00	18.23 0.86 0.00	17.19 0.84 0.00	16.76 0.79 0.00	18.87 0.84 0.00	19.24 1.02 0.00	18.66 0.99 0.00	19.79 1.09 0.00	20.99 1.24 0.00	26.41 1.70 0.00	31.12 2.08 0.00	28.41 2.08 0.00	27.53 1.99 0.00	28.15 2.17 0.00	31.79 2.48 0.00	29.97 2.34 0.00	33.08 2.45 0.00	30.87 2.27 0.00	30.29 2.18 0.00	33.71 2.12 0.00	32.41 1.99 0.00	28.33 1.66 0.00	25.17 1.42 0.00
RAVENSWOOD_GT2_4 24247	21.97 1.16 0.00	19.74 0.90 0.00	18.23 0.86 0.00	17.19 0.84 0.00	16.76 0.79 0.00	18.87 0.84 0.00	19.24 1.02 0.00	18.66 0.99 0.00	19.79 1.09 0.00	20.99 1.24 0.00	26.41 1.70 0.00	31.12 2.08 0.00	28.41 2.08 0.00	27.53 1.99 0.00	28.15 2.17 0.00	31.79 2.48 0.00	29.97 2.34 0.00	33.08 2.45 0.00	30.87 2.27 0.00	30.29 2.18 0.00	33.71 2.12 0.00	32.41 1.99 0.00	28.33 1.66 0.00	25.17 1.42 0.00
RAVENSWOOD_GT3_1 24248	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.66 0.98 0.00	19.78 1.08 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.78 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT3_2 24249	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.66 0.98 0.00	19.78 1.08 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.78 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT3_3 24250	22.00 1.19 0.00	19.77 0.92 0.00	18.25 0.88 0.00	17.20 0.86 0.00	16.77 0.81 0.00	18.89 0.86 0.00	19.26 1.04 0.00	18.68 1.01 0.00	19.81 1.11 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.16 2.12 0.00	28.45 2.12 0.00	27.57 2.03 0.00	28.18 2.20 0.00	31.83 2.52 0.00	30.01 2.38 0.00	33.13 2.49 0.00	30.92 2.32 0.00	30.33 2.22 0.00	33.75 2.16 0.00	32.46 2.03 0.00	28.36 1.70 0.00	25.20 1.45 0.00
RAVENSWOOD_GT3_4 24251	22.00 1.19 0.00	19.77 0.92 0.00	18.25 0.88 0.00	17.20 0.86 0.00	16.77 0.81 0.00	18.88 0.86 0.00	19.26 1.04 0.00	18.68 1.01 0.00	19.81 1.11 0.00	21.02 1.27 0.00	26.44 1.72 0.00	31.16 2.12 0.00	28.45 2.12 0.00	27.57 2.02 0.00	28.18 2.20 0.00	31.83 2.52 0.00	30.01 2.38 0.00	33.13 2.49 0.00	30.92 2.31 0.00	30.32 2.21 0.00	33.75 2.16 0.00	32.46 2.03 0.00	28.36 1.70 0.00	25.20 1.46 0.00
RAVENSWOOD_GT_1 23729	21.99 1.18 0.00	19.78 0.94 0.00	18.28 0.91 0.00	17.23 0.88 0.00	16.80 0.84 0.00	18.91 0.88 0.00	19.31 1.08 0.00	18.72 1.05 0.00	19.86 1.16 0.00	21.06 1.32 0.00	26.49 1.78 0.00	31.20 2.16 0.00	28.51 2.18 0.00	27.65 2.10 0.00	28.26 2.28 0.00	31.91 2.59 0.00	30.08 2.45 0.00	33.16 2.52 0.00	30.94 2.33 0.00	30.35 2.24 0.00	33.78 2.19 0.00	32.49 2.07 0.00	28.39 1.73 0.00	25.22 1.48 0.00
RAVENSWOOD_GT_10 24258	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.85 0.83 0.00	19.23 1.01 0.00	18.65 0.98 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT_11 24259	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.85 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.15 1.41 0.00
RAVENSWOOD_GT_4 24252	21.96 1.15 0.00	19.73 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.75 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.97 1.22 0.00	26.39 1.68 0.00	31.09 2.05 0.00	28.38 2.05 0.00	27.50 1.96 0.00	28.13 2.14 0.00	31.76 2.45 0.00	29.95 2.31 0.00	33.06 2.42 0.00	30.85 2.24 0.00	30.27 2.15 0.00	33.68 2.10 0.00	32.39 1.97 0.00	28.30 1.64 0.00	25.15 1.41 0.00

RAVENSWOOD_GT_5 24254	21.96 1.15 0.00	19.73 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.75 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.97 1.22 0.00	26.39 1.68 0.00	31.09 2.05 0.00	28.38 2.05 0.00	27.50 1.96 0.00	28.13 2.14 0.00	31.76 2.45 0.00	29.95 2.31 0.00	33.06 2.42 0.00	30.85 2.24 0.00	30.27 2.15 0.00	33.68 2.10 0.00	32.39 1.97 0.00	28.30 1.64 0.00	25.15 1.41 0.00
RAVENSWOOD_GT_6 24253	21.96 1.15 0.00	19.73 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.75 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.97 1.22 0.00	26.39 1.68 0.00	31.09 2.05 0.00	28.38 2.05 0.00	27.50 1.96 0.00	28.13 2.14 0.00	31.76 2.45 0.00	29.95 2.31 0.00	33.06 2.42 0.00	30.85 2.24 0.00	30.27 2.15 0.00	33.68 2.10 0.00	32.39 1.97 0.00	28.30 1.64 0.00	25.15 1.41 0.00
RAVENSWOOD_GT_7 24255	21.96 1.15 0.00	19.73 0.89 0.00	18.22 0.85 0.00	17.18 0.83 0.00	16.75 0.78 0.00	18.85 0.82 0.00	19.22 1.00 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.97 1.22 0.00	26.39 1.68 0.00	31.09 2.05 0.00	28.38 2.05 0.00	27.50 1.96 0.00	28.13 2.14 0.00	31.76 2.45 0.00	29.95 2.31 0.00	33.06 2.42 0.00	30.85 2.24 0.00	30.27 2.15 0.00	33.68 2.10 0.00	32.39 1.97 0.00	28.30 1.64 0.00	25.15 1.41 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.85 0.83 0.00	19.23 1.01 0.00	18.65 0.98 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.16 1.42 0.00
RAVENSWOOD_GT_9 24257	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.65 0.97 0.00	19.78 1.07 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.39 2.06 0.00	27.51 1.97 0.00	28.13 2.15 0.00	31.77 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.85 2.25 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.97 0.00	28.31 1.64 0.00	25.15 1.41 0.00
RAVENSWOOD___1 23533	21.99 1.18 0.00	19.78 0.93 0.00	18.25 0.89 0.00	17.21 0.86 0.00	16.77 0.81 0.00	18.88 0.86 0.00	19.28 1.05 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.47 2.14 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.84 2.53 0.00	30.02 2.39 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.32 2.21 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.70 0.00	25.19 1.44 0.00
RAVENSWOOD___2 23534	21.99 1.18 0.00	19.78 0.93 0.00	18.25 0.89 0.00	17.21 0.86 0.00	16.77 0.81 0.00	18.88 0.86 0.00	19.28 1.05 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.47 2.14 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.84 2.53 0.00	30.02 2.39 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.32 2.21 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.70 0.00	25.19 1.44 0.00
RAVENSWOOD___3 23535	21.96 1.15 0.00	19.74 0.89 0.00	18.22 0.86 0.00	17.18 0.84 0.00	16.75 0.78 0.00	18.86 0.83 0.00	19.23 1.01 0.00	18.66 0.98 0.00	19.78 1.08 0.00	20.98 1.23 0.00	26.39 1.68 0.00	31.10 2.06 0.00	28.40 2.07 0.00	27.52 1.97 0.00	28.13 2.15 0.00	31.78 2.46 0.00	29.95 2.32 0.00	33.06 2.43 0.00	30.86 2.26 0.00	30.27 2.16 0.00	33.69 2.10 0.00	32.40 1.98 0.00	28.31 1.65 0.00	25.16 1.42 0.00
RAVENSWOOD___4 23820	21.99 1.18 0.00	19.78 0.93 0.00	18.25 0.89 0.00	17.21 0.86 0.00	16.77 0.81 0.00	18.88 0.86 0.00	19.28 1.05 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.47 2.14 0.00	27.59 2.05 0.00	28.21 2.23 0.00	31.84 2.53 0.00	30.02 2.39 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.32 2.21 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.70 0.00	25.19 1.44 0.00
RCPL_TRUST___DRP 24196	21.98 1.17 0.00	19.75 0.90 0.00	18.22 0.86 0.00	17.19 0.84 0.00	16.76 0.79 0.00	18.86 0.83 0.00	19.24 1.02 0.00	18.66 0.99 0.00	19.80 1.09 0.00	21.00 1.25 0.00	26.42 1.71 0.00	31.14 2.10 0.00	28.43 2.10 0.00	27.55 2.01 0.00	28.17 2.20 0.00	31.83 2.51 0.00	30.00 2.37 0.00	33.12 2.48 0.00	30.89 2.29 0.00	30.30 2.19 0.00	33.72 2.13 0.00	32.41 1.99 0.00	28.32 1.66 0.00	25.17 1.43 0.00
RED___ROCHESTER 323720	21.11 0.30 0.00	18.99 0.14 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.49 0.45 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
REGAN___SOLAR 323812	22.94 2.13 0.00	20.73 1.89 0.00	19.06 1.70 0.00	17.93 1.59 0.00	17.55 1.59 0.00	19.90 1.88 0.00	20.14 1.92 0.00	19.44 1.77 0.00	20.56 1.85 0.00	21.54 1.80 0.00	26.91 2.20 0.00	31.37 2.33 0.00	28.37 2.03 0.00	27.54 2.00 0.00	27.94 1.96 0.00	30.60 1.29 0.00	29.49 1.86 0.00	33.73 3.09 0.00	32.06 3.45 0.00	31.40 3.29 0.00	35.57 3.99 0.00	34.14 3.72 0.00	29.82 3.15 0.00	26.47 2.73 0.00
RENSSELAER___COGEN 23796	21.09 0.28 0.00	19.05 0.20 0.00	17.58 0.22 0.00	16.57 0.23 0.00	16.19 0.23 0.00	18.21 0.18 0.00	18.44 0.22 0.00	17.84 0.17 0.00	18.86 0.16 0.00	19.91 0.17 0.00	24.95 0.23 0.00	29.34 0.30 0.00	26.68 0.35 0.00	25.88 0.34 0.00	26.46 0.48 0.00	29.71 0.40 0.00	28.00 0.37 0.00	31.10 0.46 0.00	29.21 0.60 0.00	28.80 0.68 0.00	32.19 0.60 0.00	31.07 0.65 0.00	27.06 0.40 0.00	24.06 0.32 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.31 2.50 0.00	20.95 2.10 0.00	19.31 1.94 0.00	18.23 1.88 0.00	17.79 1.82 0.00	20.07 2.04 0.00	20.50 2.27 0.00	19.81 2.14 0.00	20.66 1.96 0.00	21.80 2.05 0.00	27.11 2.39 0.00	31.85 2.81 0.00	29.00 2.67 0.00	27.93 2.39 0.00	28.61 2.63 0.00	32.39 3.08 0.00	30.47 2.84 0.00	34.15 3.52 0.00	32.55 3.94 0.00	32.38 4.27 0.00	35.84 4.26 0.00	34.52 4.09 0.00	29.89 3.23 0.00	26.52 2.78 0.00
REVERE_CPPR_DRP 24186	21.44 0.63 0.00	19.37 0.52 0.00	17.85 0.48 0.00	16.79 0.45 0.00	16.41 0.44 0.00	18.58 0.55 0.00	18.83 0.60 0.00	18.22 0.55 0.00	19.24 0.53 0.00	20.27 0.52 0.00	25.39 0.65 -0.03	29.84 0.75 -0.06	27.07 0.66 -0.09	26.25 0.71 0.00	26.69 0.71 0.00	30.14 0.83 0.00	28.48 0.85 0.00	31.87 1.07 -0.17	29.75 1.14 0.00	29.66 1.27 -0.28	33.05 1.47 0.00	31.77 1.35 0.00	27.72 1.06 0.00	24.67 0.93 0.00

REYNOLDS_115KV_TB3 80639	21.22 0.41 0.00	19.19 0.34 0.00	17.71 0.34 0.00	16.69 0.34 0.00	16.31 0.35 0.00	18.34 0.31 0.00	18.56 0.33 0.00	17.93 0.26 0.00	18.95 0.24 0.00	20.01 0.27 0.00	25.06 0.34 0.00	29.47 0.43 0.00	26.80 0.48 0.00	25.99 0.45 0.00	26.59 0.61 0.00	29.81 0.50 0.00	28.09 0.46 0.00	31.21 0.58 0.00	29.33 0.72 0.00	28.94 0.83 0.00	32.33 0.74 0.00	31.22 0.80 0.00	27.19 0.53 0.00	24.19 0.44 0.00
RIVERBAY____ 323610	22.06 1.25 0.00	19.86 1.02 0.00	18.36 0.99 0.00	17.28 0.93 0.00	16.84 0.87 0.00	18.96 0.94 0.00	19.39 1.17 0.00	18.78 1.10 0.00	19.88 1.18 0.00	21.08 1.33 0.00	26.47 1.75 0.00	31.18 2.14 0.00	28.45 2.12 0.00	27.59 2.04 0.00	28.20 2.21 0.00	31.79 2.48 0.00	29.96 2.33 0.00	33.01 2.38 0.00	30.83 2.22 0.00	30.26 2.15 0.00	33.72 2.14 0.00	32.50 2.08 0.00	28.37 1.71 0.00	25.21 1.46 0.00
RIVERSDE_115KV_TB3 55908	21.17 0.36 0.00	19.13 0.29 0.00	17.65 0.29 0.00	16.64 0.29 0.00	16.26 0.30 0.00	18.29 0.26 0.00	18.51 0.29 0.00	17.91 0.23 0.00	18.93 0.23 0.00	19.99 0.24 0.00	25.04 0.33 0.00	29.46 0.42 0.00	26.78 0.45 0.00	25.98 0.44 0.00	26.57 0.59 0.00	29.83 0.51 0.00	28.11 0.48 0.00	31.23 0.60 0.00	29.33 0.73 0.00	28.92 0.81 0.00	32.32 0.73 0.00	31.20 0.78 0.00	27.17 0.51 0.00	24.16 0.42 0.00
ROARING____BROOK_WT_PWR 323790	20.63 -0.18 0.00	18.74 -0.10 0.00	17.26 -0.10 0.00	16.23 -0.11 0.00	15.84 -0.12 0.00	17.89 -0.14 0.00	18.08 -0.14 0.00	17.53 -0.14 0.00	18.56 -0.14 0.00	19.59 -0.16 0.00	24.49 -0.23 0.00	28.80 -0.24 0.00	26.09 -0.24 0.00	25.31 -0.24 0.00	25.72 -0.26 0.00	29.02 -0.29 0.00	27.35 -0.28 0.00	30.30 -0.33 0.00	28.25 -0.36 0.00	27.71 -0.41 0.00	31.20 -0.39 0.00	30.09 -0.33 0.00	26.47 -0.20 0.00	23.51 -0.23 0.00
ROCHESRG_115KV_T4 355643	20.91 0.10 0.00	18.82 -0.02 0.00	17.24 -0.12 0.00	16.20 -0.15 0.00	15.83 -0.13 0.00	18.05 0.02 0.00	18.32 0.09 0.00	17.77 0.09 0.00	18.85 0.14 0.00	19.97 0.22 0.00	25.06 0.35 0.00	29.16 0.12 0.00	26.33 0.00 0.00	25.72 0.17 0.00	25.77 -0.22 0.00	29.26 -0.05 0.00	27.61 -0.03 0.00	30.61 -0.03 0.00	28.45 -0.15 0.00	27.99 -0.12 0.00	31.42 -0.16 0.00	30.17 -0.25 0.00	26.53 -0.13 0.00	24.04 0.29 0.00
ROCHESTER_9_IC 23652	21.02 0.21 0.00	18.92 0.08 0.00	17.33 -0.04 0.00	16.27 -0.07 0.00	15.91 -0.06 0.00	18.14 0.11 0.00	18.41 0.19 0.00	17.87 0.19 0.00	18.95 0.25 0.00	20.08 0.34 0.00	25.22 0.50 0.00	29.34 0.30 0.00	26.50 0.17 0.00	25.89 0.35 0.00	25.94 -0.04 0.00	29.47 0.16 0.00	27.81 0.18 0.00	30.85 0.21 0.00	28.67 0.06 0.00	28.20 0.10 0.00	31.65 0.07 0.00	30.39 -0.04 0.00	26.71 0.04 0.00	24.18 0.44 0.00
ROCKVIEW_13_KV_LD 356306	21.96 1.15 0.00	19.73 0.88 0.00	18.20 0.83 0.00	17.16 0.82 0.00	16.74 0.78 0.00	18.85 0.82 0.00	19.21 0.98 0.00	18.64 0.96 0.00	19.76 1.06 0.00	20.95 1.21 0.00	26.38 1.67 0.00	31.11 2.07 0.00	28.38 2.05 0.00	27.51 1.96 0.00	28.13 2.15 0.00	31.77 2.45 0.00	29.95 2.32 0.00	33.11 2.47 0.00	30.90 2.29 0.00	30.31 2.20 0.00	33.75 2.17 0.00	32.45 2.03 0.00	28.33 1.66 0.00	25.17 1.43 0.00
ROME____115KV_TB2 80656	21.44 0.63 0.00	19.37 0.52 0.00	17.85 0.48 0.00	16.79 0.45 0.00	16.41 0.44 0.00	18.58 0.55 0.00	18.83 0.60 0.00	18.22 0.55 0.00	19.24 0.53 0.00	20.27 0.52 0.00	25.39 0.65 -0.03	29.84 0.75 -0.06	27.07 0.66 -0.09	26.25 0.71 0.00	26.69 0.71 0.00	30.14 0.83 0.00	28.48 0.85 0.00	31.87 1.07 -0.17	29.75 1.14 0.00	29.66 1.27 -0.28	33.05 1.47 0.00	31.77 1.35 0.00	27.72 1.06 0.00	24.67 0.93 0.00
ROSETON____1 23587	21.70 0.89 0.00	19.51 0.67 0.00	18.01 0.64 0.00	16.97 0.63 0.00	16.56 0.60 0.00	18.65 0.62 0.00	18.98 0.76 0.00	18.40 0.72 0.00	19.49 0.78 0.00	20.64 0.89 0.00	25.95 1.23 0.00	30.56 1.53 0.00	27.85 1.52 0.00	27.00 1.45 0.00	27.60 1.62 0.00	31.14 1.83 0.00	29.35 1.72 0.00	32.48 1.85 0.00	30.37 1.76 0.00	29.81 1.70 0.00	33.24 1.66 0.00	31.99 1.56 0.00	27.91 1.25 0.00	24.82 1.07 0.00
ROSETON____2 23588	21.70 0.89 0.00	19.51 0.67 0.00	18.01 0.64 0.00	16.97 0.63 0.00	16.56 0.60 0.00	18.65 0.62 0.00	18.98 0.76 0.00	18.40 0.72 0.00	19.49 0.78 0.00	20.64 0.89 0.00	25.95 1.23 0.00	30.56 1.53 0.00	27.85 1.52 0.00	27.00 1.45 0.00	27.60 1.62 0.00	31.14 1.83 0.00	29.35 1.72 0.00	32.48 1.85 0.00	30.37 1.76 0.00	29.81 1.70 0.00	33.24 1.66 0.00	31.99 1.56 0.00	27.91 1.25 0.00	24.82 1.07 0.00
ROTTSDAM_115KV_TB3 80664	21.53 0.72 0.00	19.44 0.60 0.00	17.94 0.58 0.00	16.90 0.56 0.00	16.51 0.55 0.00	18.59 0.56 0.00	18.87 0.64 0.00	18.28 0.60 0.00	19.31 0.61 0.00	20.39 0.65 0.00	25.52 0.81 0.00	29.99 0.95 0.00	27.25 0.91 0.00	26.40 0.86 0.00	26.97 0.99 0.00	30.35 1.04 0.00	28.61 0.98 0.00	31.76 1.13 0.00	29.85 1.24 0.00	29.41 1.30 0.00	32.91 1.32 0.00	31.72 1.30 0.00	27.68 1.02 0.00	24.61 0.87 0.00
RUSSELL____1 23602	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
RUSSELL____2 23532	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
RUSSELL____3 23549	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
RUSSELL____4 23556	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00

RUSSELL___STATION 23914	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
S SALMON___HYD 24043	20.80 -0.01 0.00	18.78 -0.06 0.00	17.28 -0.08 0.00	16.24 -0.11 0.00	15.87 -0.09 0.00	17.98 -0.05 0.00	18.21 -0.02 0.00	17.66 -0.02 0.00	18.64 -0.07 0.00	19.58 -0.17 0.00	24.53 -0.28 -0.09	28.87 -0.38 -0.22	26.32 -0.34 -0.32	25.29 -0.26 0.00	25.68 -0.30 0.00	28.95 -0.36 0.00	27.29 -0.34 0.00	30.96 -0.31 -0.64	28.43 -0.18 0.00	29.05 -0.10 -1.04	31.65 0.06 0.00	30.61 0.19 0.00	26.74 0.07 0.00	23.93 0.18 0.00
S.PERRY___115KV_TB1 80734	21.65 0.84 0.00	19.45 0.61 0.00	17.82 0.45 0.00	16.72 0.38 0.00	16.34 0.38 0.00	18.68 0.65 0.00	18.97 0.74 0.00	18.36 0.69 0.00	19.35 0.65 0.00	20.49 0.74 0.00	25.75 1.04 0.00	29.86 0.82 0.00	26.79 0.46 0.00	25.76 0.22 0.00	25.66 -0.32 0.00	29.09 -0.23 0.00	27.42 -0.21 0.00	30.45 -0.19 0.00	28.28 -0.33 0.00	28.05 -0.06 0.00	31.71 0.12 0.00	30.45 0.02 0.00	27.24 0.58 0.00	24.85 1.11 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.94 0.13 0.00	18.81 -0.03 0.00	17.19 -0.17 0.00	16.13 -0.22 0.00	15.76 -0.20 0.00	18.05 0.03 0.00	18.35 0.12 0.00	17.84 0.17 0.00	18.97 0.26 0.00	20.14 0.40 0.00	25.33 0.61 0.00	29.27 0.23 0.00	26.34 0.01 0.00	25.83 0.28 0.00	25.61 -0.37 0.00	29.16 -0.15 0.00	27.46 -0.17 0.00	30.34 -0.30 0.00	28.07 -0.54 0.00	27.64 -0.47 0.00	31.09 -0.50 0.00	29.81 -0.61 0.00	26.32 -0.34 0.00	24.10 0.35 0.00
SAWYER___23_KV_LOAD 55526	20.94 0.13 0.00	18.81 -0.03 0.00	17.19 -0.17 0.00	16.13 -0.22 0.00	15.76 -0.20 0.00	18.05 0.03 0.00	18.35 0.12 0.00	17.84 0.17 0.00	18.97 0.26 0.00	20.14 0.40 0.00	25.33 0.61 0.00	29.27 0.23 0.00	26.34 0.01 0.00	25.83 0.28 0.00	25.61 -0.37 0.00	29.16 -0.15 0.00	27.46 -0.17 0.00	30.34 -0.30 0.00	28.07 -0.54 0.00	27.64 -0.47 0.00	31.09 -0.50 0.00	29.81 -0.61 0.00	26.32 -0.34 0.00	24.10 0.35 0.00
SELKIRK___I 23801	21.34 0.53 0.00	19.28 0.44 0.00	17.80 0.43 0.00	16.78 0.43 0.00	16.39 0.43 0.00	18.44 0.41 0.00	18.67 0.45 0.00	18.09 0.41 0.00	19.11 0.40 0.00	20.16 0.42 0.00	25.24 0.52 0.00	29.62 0.58 0.00	26.91 0.58 0.00	26.10 0.56 0.00	26.67 0.69 0.00	29.98 0.67 0.00	28.24 0.61 0.00	31.37 0.74 0.00	29.45 0.84 0.00	29.04 0.92 0.00	32.50 0.91 0.00	31.38 0.95 0.00	27.35 0.69 0.00	24.35 0.60 0.00
SELKIRK___II 23799	21.21 0.40 0.00	19.16 0.31 0.00	17.68 0.32 0.00	16.67 0.32 0.00	16.28 0.32 0.00	18.31 0.29 0.00	18.56 0.34 0.00	17.96 0.29 0.00	19.00 0.29 0.00	20.06 0.31 0.00	25.13 0.41 0.00	29.55 0.51 0.00	26.86 0.53 0.00	26.06 0.51 0.00	26.63 0.65 0.00	29.92 0.61 0.00	28.18 0.55 0.00	31.27 0.64 0.00	29.33 0.72 0.00	28.91 0.80 0.00	32.34 0.75 0.00	31.21 0.79 0.00	27.20 0.54 0.00	24.21 0.47 0.00
SENECA OSWGO___HYD 24041	20.58 -0.23 0.00	18.58 -0.26 0.00	17.10 -0.26 0.00	16.09 -0.26 0.00	15.72 -0.25 0.00	17.80 -0.23 0.00	18.00 -0.23 0.00	17.43 -0.25 0.00	18.45 -0.25 0.00	19.46 -0.29 0.00	24.52 -0.39 -0.19	28.98 -0.50 -0.44	26.52 -0.47 -0.67	25.14 -0.40 0.00	25.49 -0.49 0.00	28.81 -0.50 0.00	27.20 -0.43 0.00	31.51 -0.44 -1.31	28.20 -0.41 0.00	29.84 -0.39 -2.12	31.12 -0.46 0.00	29.92 -0.50 0.00	26.18 -0.49 0.00	23.46 -0.28 0.00
SENECA___115KV_TB3 355854	21.12 0.31 0.00	18.97 0.12 0.00	17.34 -0.02 0.00	16.28 -0.07 0.00	15.89 -0.07 0.00	18.21 0.18 0.00	18.50 0.28 0.00	18.03 0.35 0.00	19.18 0.47 0.00	20.39 0.64 0.00	25.67 0.95 0.00	29.69 0.65 0.00	26.71 0.38 0.00	26.20 0.65 0.00	26.03 0.04 0.00	29.64 0.33 0.00	27.91 0.27 0.00	30.83 0.19 0.00	28.50 -0.10 0.00	28.03 -0.08 0.00	31.51 -0.07 0.00	30.19 -0.23 0.00	26.62 -0.04 0.00	24.31 0.56 0.00
SENECA___ENERGY 23797	20.92 0.11 0.00	18.86 0.01 0.00	17.34 -0.02 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.11 0.08 0.00	18.37 0.14 0.00	17.86 0.18 0.00	18.91 0.21 0.00	19.97 0.22 0.00	25.15 0.35 -0.08	29.47 0.26 -0.18	26.77 0.17 -0.27	25.79 0.24 0.00	26.07 0.09 0.00	29.53 0.22 0.00	27.86 0.23 0.00	31.55 0.38 -0.54	28.96 0.35 0.00	29.36 0.38 -0.87	31.88 0.29 0.00	30.59 0.16 0.00	26.75 0.08 0.00	24.01 0.27 0.00
SHOEMAKER___GT 23640	21.58 0.77 0.00	19.43 0.58 0.00	17.92 0.55 0.00	16.89 0.54 0.00	16.47 0.51 0.00	18.57 0.54 0.00	18.88 0.66 0.00	18.30 0.62 0.00	19.38 0.67 0.00	20.49 0.74 0.00	25.75 1.03 0.00	30.35 1.32 0.00	27.62 1.29 0.00	26.78 1.24 0.00	27.36 1.38 0.00	30.89 1.58 0.00	29.14 1.51 0.00	32.29 1.65 0.00	30.21 1.60 0.00	29.66 1.55 0.00	33.11 1.53 0.00	31.86 1.43 0.00	27.79 1.13 0.00	24.71 0.96 0.00
SHOEMAKR_138KV_BK 111 55601	21.58 0.77 0.00	19.42 0.57 0.00	17.91 0.55 0.00	16.88 0.54 0.00	16.47 0.50 0.00	18.56 0.53 0.00	18.88 0.65 0.00	18.30 0.62 0.00	19.38 0.67 0.00	20.50 0.75 0.00	25.77 1.05 0.00	30.37 1.33 0.00	27.64 1.31 0.00	26.80 1.25 0.00	27.39 1.41 0.00	30.91 1.60 0.00	29.16 1.52 0.00	32.30 1.66 0.00	30.21 1.60 0.00	29.65 1.55 0.00	33.10 1.51 0.00	31.84 1.42 0.00	27.78 1.12 0.00	24.69 0.95 0.00
SHOREHAM_IC_1 23715	22.01 1.20 0.00	19.67 0.83 0.00	18.09 0.73 0.00	17.16 0.81 0.00	16.83 0.87 0.00	18.84 0.82 0.00	19.08 0.85 0.00	18.58 0.91 0.00	19.78 1.07 0.00	20.94 1.19 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.61 2.16 -1.12	30.55 2.05 -2.95	30.74 2.32 -2.43	32.14 2.77 -0.07	30.26 2.61 -0.02	33.25 2.61 0.00	31.05 2.44 0.00	30.44 2.33 0.00	33.88 2.30 0.00	32.64 2.20 -0.01	28.45 1.79 0.00	25.14 1.40 0.00
SHOREHAM_IC_2 23716	22.01 1.20 0.00	19.67 0.83 0.00	18.09 0.73 0.00	17.16 0.81 0.00	16.83 0.87 0.00	18.84 0.82 0.00	19.08 0.85 0.00	18.58 0.91 0.00	19.78 1.07 0.00	20.94 1.19 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.61 2.16 -1.12	30.55 2.05 -2.95	30.74 2.32 -2.43	32.14 2.77 -0.07	30.26 2.61 -0.02	33.25 2.61 0.00	31.05 2.44 0.00	30.44 2.33 0.00	33.88 2.30 0.00	32.64 2.20 -0.01	28.45 1.79 0.00	25.14 1.40 0.00
SISSONVILLE___ 23735	20.68 -0.13 0.00	18.86 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.03 0.00 0.00	18.11 -0.11 0.00	17.42 -0.26 0.00	18.41 -0.30 0.00	19.41 -0.34 0.00	24.24 -0.48 0.00	28.53 -0.50 0.00	25.83 -0.51 0.00	25.05 -0.49 0.00	25.45 -0.53 0.00	28.72 -0.59 0.00	26.96 -0.67 0.00	29.80 -0.84 0.00	27.77 -0.84 0.00	27.28 -0.83 0.00	30.96 -0.63 0.00	30.03 -0.39 0.00	26.67 0.01 0.00	23.67 -0.07 0.00

SITHE_IND_GS1 24169	20.41 -0.41 0.00	18.44 -0.41 0.00	16.98 -0.39 0.00	15.98 -0.37 0.00	15.61 -0.36 0.00	17.66 -0.37 0.00	17.84 -0.38 0.00	17.27 -0.41 0.00	18.28 -0.43 0.00	19.26 -0.49 0.00	23.52 -0.66 0.54	26.98 -0.83 1.23	23.73 -0.77 1.83	24.85 -0.70 0.00	25.21 -0.77 0.00	28.49 -0.83 0.00	26.86 -0.77 0.00	26.18 -0.83 3.63	27.82 -0.78 0.00	21.50 -0.76 5.85	30.69 -0.89 0.00	29.53 -0.89 0.00	25.87 -0.80 0.00	23.21 -0.53 0.00
SITHE_IND_GS2 24170	20.41 -0.41 0.00	18.44 -0.41 0.00	16.98 -0.39 0.00	15.98 -0.37 0.00	15.61 -0.36 0.00	17.66 -0.37 0.00	17.84 -0.38 0.00	17.27 -0.41 0.00	18.28 -0.43 0.00	19.26 -0.49 0.00	23.52 -0.66 0.54	26.98 -0.83 1.23	23.73 -0.77 1.83	24.85 -0.70 0.00	25.21 -0.77 0.00	28.49 -0.83 0.00	26.86 -0.77 0.00	26.18 -0.83 3.63	27.82 -0.78 0.00	21.50 -0.76 5.85	30.69 -0.89 0.00	29.53 -0.89 0.00	25.87 -0.80 0.00	23.21 -0.53 0.00
SITHE_IND_GS3 24171	20.41 -0.41 0.00	18.44 -0.41 0.00	16.98 -0.39 0.00	15.98 -0.37 0.00	15.61 -0.36 0.00	17.66 -0.37 0.00	17.84 -0.38 0.00	17.27 -0.41 0.00	18.28 -0.43 0.00	19.26 -0.49 0.00	23.52 -0.66 0.54	26.98 -0.83 1.23	23.73 -0.77 1.83	24.85 -0.70 0.00	25.21 -0.77 0.00	28.49 -0.83 0.00	26.86 -0.77 0.00	26.18 -0.83 3.63	27.82 -0.78 0.00	21.50 -0.76 5.85	30.69 -0.89 0.00	29.53 -0.89 0.00	25.87 -0.80 0.00	23.21 -0.53 0.00
SITHE_IND_GS4 24172	20.41 -0.41 0.00	18.44 -0.41 0.00	16.98 -0.39 0.00	15.98 -0.37 0.00	15.61 -0.36 0.00	17.66 -0.37 0.00	17.84 -0.38 0.00	17.27 -0.41 0.00	18.28 -0.43 0.00	19.26 -0.49 0.00	23.52 -0.66 0.54	26.98 -0.83 1.23	23.73 -0.77 1.83	24.85 -0.70 0.00	25.21 -0.77 0.00	28.49 -0.83 0.00	26.86 -0.77 0.00	26.18 -0.83 3.63	27.82 -0.78 0.00	21.50 -0.76 5.85	30.69 -0.89 0.00	29.53 -0.89 0.00	25.87 -0.80 0.00	23.21 -0.53 0.00
SITHE___BATAVIA 24024	21.33 0.52 0.00	19.16 0.32 0.00	17.51 0.15 0.00	16.44 0.09 0.00	16.08 0.11 0.00	18.42 0.39 0.00	18.73 0.50 0.00	18.19 0.51 0.00	19.29 0.59 0.00	20.45 0.70 0.00	25.67 0.96 0.00	29.76 0.72 0.00	26.85 0.51 0.00	26.33 0.79 0.00	26.16 0.18 0.00	29.76 0.45 0.00	28.10 0.47 0.00	31.17 0.53 0.00	28.98 0.37 0.00	28.61 0.51 0.00	32.18 0.59 0.00	30.86 0.43 0.00	27.13 0.47 0.00	24.70 0.96 0.00
SITHE___INDEPEND 23800	20.41 -0.41 0.00	18.44 -0.41 0.00	16.98 -0.39 0.00	15.98 -0.37 0.00	15.61 -0.36 0.00	17.66 -0.37 0.00	17.84 -0.39 0.00	17.27 -0.41 0.00	18.28 -0.43 0.00	19.26 -0.49 0.00	23.52 -0.66 0.54	26.98 -0.83 1.23	23.74 -0.76 1.83	24.85 -0.70 0.00	25.21 -0.77 0.00	28.49 -0.83 0.00	26.86 -0.77 0.00	26.18 -0.83 3.63	27.82 -0.78 0.00	21.50 -0.76 5.85	30.69 -0.89 0.00	29.53 -0.90 0.00	25.87 -0.80 0.00	23.21 -0.53 0.00
SITHE___MASSENA 23902	20.74 -0.07 0.00	18.90 0.05 0.00	17.39 0.03 0.00	16.35 0.01 0.00	15.97 0.01 0.00	18.06 0.03 0.00	18.19 -0.03 0.00	17.61 -0.06 0.00	18.63 -0.07 0.00	19.66 -0.08 0.00	24.58 -0.14 0.00	28.91 -0.12 0.00	26.17 -0.16 0.00	25.37 -0.18 0.00	25.76 -0.22 0.00	29.08 -0.23 0.00	27.38 -0.25 0.00	30.32 -0.31 0.00	28.23 -0.38 0.00	27.68 -0.43 0.00	31.36 -0.23 0.00	30.29 -0.14 0.00	26.71 0.05 0.00	23.66 -0.09 0.00
SITHE___OGDNSBRG 24021	20.95 0.14 0.00	19.11 0.26 0.00	17.57 0.20 0.00	16.52 0.18 0.00	16.14 0.18 0.00	18.26 0.24 0.00	18.39 0.17 0.00	17.74 0.06 0.00	18.73 0.03 0.00	19.76 0.02 0.00	24.71 -0.01 0.00	29.09 0.05 0.00	26.32 -0.01 0.00	25.54 0.00 0.00	25.93 -0.05 0.00	29.28 -0.04 0.00	27.52 -0.11 0.00	30.47 -0.17 0.00	28.37 -0.24 0.00	27.88 -0.23 0.00	31.69 0.11 0.00	30.67 0.24 0.00	27.09 0.43 0.00	23.96 0.21 0.00
SITHE___STERLING 23777	21.31 0.50 0.00	19.24 0.40 0.00	17.73 0.36 0.00	16.68 0.33 0.00	16.30 0.33 0.00	18.45 0.42 0.00	18.69 0.47 0.00	18.09 0.42 0.00	19.12 0.41 0.00	20.16 0.41 0.00	25.29 0.54 -0.03	29.72 0.62 -0.07	26.98 0.55 -0.10	26.13 0.59 0.00	26.55 0.57 0.00	30.01 0.69 0.00	28.34 0.70 0.00	31.69 0.86 -0.20	29.51 0.90 0.00	29.42 0.99 -0.32	32.71 1.13 0.00	31.44 1.01 0.00	27.43 0.77 0.00	24.44 0.70 0.00
SLEIGHT__34_KV_TB1 80719	21.22 0.41 0.00	19.15 0.30 0.00	17.60 0.23 0.00	16.56 0.22 0.00	16.19 0.23 0.00	18.36 0.33 0.00	18.65 0.42 0.00	18.13 0.46 0.00	19.18 0.47 0.00	20.28 0.53 0.00	25.55 0.77 -0.06	29.99 0.80 -0.15	27.25 0.70 -0.22	26.26 0.72 0.00	26.64 0.66 0.00	30.19 0.88 0.00	28.42 0.79 0.00	32.08 1.01 -0.44	29.56 0.96 0.00	29.77 0.96 -0.71	32.48 0.90 0.00	31.18 0.75 0.00	27.27 0.60 0.00	24.45 0.70 0.00
SOUTH CAIRO___GT 23612	21.76 0.95 0.00	19.64 0.80 0.00	18.10 0.74 0.00	17.06 0.71 0.00	16.68 0.72 0.00	18.78 0.75 0.00	19.03 0.80 0.00	18.42 0.75 0.00	19.43 0.73 0.00	20.43 0.69 0.00	25.49 0.77 0.00	29.89 0.85 0.00	27.13 0.80 0.00	26.40 0.86 0.00	26.98 1.00 0.00	30.23 0.91 0.00	28.54 0.91 0.00	31.90 1.27 0.00	30.15 1.54 0.00	29.94 1.83 0.00	33.61 2.03 0.00	32.46 2.03 0.00	28.14 1.48 0.00	24.94 1.20 0.00
SOUTH HAMPTN___IC 23720	22.39 1.58 0.00	20.00 1.16 0.00	18.40 1.03 0.00	17.44 1.09 0.00	17.10 1.14 0.00	19.16 1.13 0.00	19.42 1.20 0.00	18.93 1.25 0.00	20.16 1.45 0.00	21.38 1.64 0.00	27.05 2.34 0.00	31.91 2.88 0.00	30.25 2.81 -1.12	31.16 2.67 -2.95	31.36 2.95 -2.43	32.86 3.48 -0.07	30.93 3.28 -0.02	33.98 3.35 0.00	31.71 3.10 0.00	31.08 2.97 0.00	34.56 2.98 0.00	33.24 2.81 -0.01	28.96 2.29 0.00	25.57 1.83 0.00
SOUTHDOW__115KV_TB1 355954	21.50 0.69 0.00	19.27 0.43 0.00	17.64 0.28 0.00	16.58 0.23 0.00	16.16 0.19 0.00	18.57 0.54 0.00	18.99 0.77 0.00	18.68 1.00 0.00	20.00 1.30 0.00	21.29 1.55 0.00	26.96 2.25 0.00	31.25 2.21 0.00	27.95 1.62 0.00	27.39 1.84 0.00	27.34 1.36 0.00	31.17 1.86 0.00	29.33 1.70 0.00	32.40 1.77 0.00	29.89 1.28 0.00	29.21 1.10 0.00	32.71 1.12 0.00	31.28 0.86 0.00	27.49 0.83 0.00	24.86 1.12 0.00
SOUTHOLD_69_KV_BK 2 55809	22.79 1.98 0.00	20.35 1.51 0.00	18.71 1.35 0.00	17.73 1.39 0.00	17.39 1.43 0.00	19.50 1.47 0.00	19.78 1.55 0.00	19.28 1.60 0.00	20.55 1.84 0.00	21.81 2.07 0.00	27.62 2.91 0.00	32.59 3.55 -1.12	30.86 3.41 -2.95	31.75 3.25 -2.43	31.97 3.55 -0.07	33.57 4.19 -0.02	31.60 3.96 0.00	34.76 4.12 0.00	32.42 3.81 0.00	31.76 3.65 0.00	35.28 3.69 0.00	33.90 3.46 -0.01	29.48 2.82 0.00	26.01 2.26 0.00
SOUTHOLD___IC 23719	22.79 1.98 0.00	20.35 1.51 0.00	18.71 1.35 0.00	17.73 1.39 0.00	17.39 1.43 0.00	19.50 1.47 0.00	19.78 1.55 0.00	19.28 1.60 0.00	20.55 1.84 0.00	21.81 2.07 0.00	27.62 2.91 0.00	32.59 3.55 -1.12	30.86 3.41 -2.95	31.75 3.25 -2.43	31.96 3.55 -0.07	33.57 4.19 -0.02	31.61 3.96 0.00	34.76 4.12 0.00	32.42 3.82 0.00	31.74 3.63 0.00	35.28 3.69 0.00	33.90 3.46 -0.01	29.48 2.82 0.00	26.01 2.27 0.00

SPIERFLS_115KV_TB1 80737	21.83 1.02 0.00	19.68 0.84 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.71 0.74 0.00	18.83 0.80 0.00	19.15 0.93 0.00	18.55 0.88 0.00	19.51 0.80 0.00	20.58 0.83 0.00	25.56 0.84 0.00	30.01 0.97 0.00	27.27 0.94 0.00	26.24 0.69 0.00	26.86 0.88 0.00	30.25 0.94 0.00	28.52 0.89 0.00	31.83 1.19 0.00	30.27 1.66 0.00	30.09 1.98 0.00	33.55 1.96 0.00	32.23 1.81 0.00	28.11 1.45 0.00	24.94 1.19 0.00
ST LAWRENCE____ 23600	20.50 -0.31 0.00	18.67 -0.17 0.00	17.18 -0.18 0.00	16.17 -0.18 0.00	15.79 -0.17 0.00	17.84 -0.19 0.00	17.99 -0.24 0.00	17.44 -0.24 0.00	18.45 -0.26 0.00	19.47 -0.28 0.00	24.32 -0.39 0.00	28.62 -0.42 0.00	25.90 -0.43 0.00	25.11 -0.44 0.00	25.51 -0.48 0.00	28.79 -0.53 0.00	27.12 -0.51 0.00	30.04 -0.60 0.00	27.96 -0.64 0.00	27.42 -0.69 0.00	31.04 -0.55 0.00	29.96 -0.47 0.00	26.40 -0.27 0.00	23.37 -0.38 0.00
STATE_CA_115KV_115_LB 55624	21.20 0.39 0.00	19.15 0.31 0.00	17.67 0.31 0.00	16.66 0.31 0.00	16.28 0.31 0.00	18.31 0.28 0.00	18.55 0.32 0.00	17.94 0.27 0.00	18.98 0.28 0.00	20.04 0.30 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.87 0.53 0.00	26.07 0.52 0.00	26.66 0.68 0.00	29.95 0.64 0.00	28.23 0.60 0.00	31.36 0.73 0.00	29.45 0.84 0.00	29.02 0.91 0.00	32.43 0.85 0.00	31.30 0.87 0.00	27.25 0.58 0.00	24.21 0.47 0.00
STATE_ST_34_KV_LOAD 55959	21.10 0.29 0.00	19.06 0.21 0.00	17.55 0.18 0.00	16.54 0.19 0.00	16.16 0.20 0.00	18.31 0.28 0.00	18.56 0.33 0.00	17.99 0.32 0.00	18.98 0.27 0.00	20.07 0.32 0.00	25.26 0.45 -0.09	29.72 0.46 -0.21	26.98 0.33 -0.32	25.88 0.34 0.00	26.34 0.36 0.00	29.83 0.51 0.00	28.02 0.39 0.00	31.87 0.60 -0.64	29.22 0.61 0.00	29.77 0.63 -1.03	32.09 0.51 0.00	30.87 0.45 0.00	27.02 0.36 0.00	24.23 0.48 0.00
STATION 5_MISC_HYD 23604	21.02 0.21 0.00	18.92 0.08 0.00	17.33 -0.03 0.00	16.27 -0.08 0.00	15.91 -0.05 0.00	18.14 0.11 0.00	18.41 0.19 0.00	17.87 0.19 0.00	18.95 0.25 0.00	20.08 0.34 0.00	25.22 0.50 0.00	29.34 0.30 0.00	26.50 0.17 0.00	25.89 0.35 0.00	25.94 -0.04 0.00	29.47 0.16 0.00	27.81 0.18 0.00	30.85 0.21 0.00	28.67 0.06 0.00	28.21 0.10 0.00	31.65 0.07 0.00	30.39 -0.04 0.00	26.71 0.04 0.00	24.18 0.44 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.05 0.24 0.00	18.96 0.12 0.00	17.40 0.03 0.00	16.35 0.00 0.00	15.98 0.02 0.00	18.19 0.16 0.00	18.46 0.24 0.00	17.93 0.26 0.00	19.01 0.30 0.00	20.11 0.37 0.00	25.28 0.54 -0.02	29.50 0.42 -0.05	26.70 0.29 -0.08	25.98 0.44 0.00	26.15 0.16 0.00	29.68 0.37 0.00	28.03 0.40 0.00	31.31 0.53 -0.15	29.03 0.42 0.00	28.79 0.44 -0.24	31.98 0.40 0.00	30.67 0.24 0.00	26.86 0.19 0.00	24.19 0.45 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.89 0.08 0.00	18.80 -0.05 0.00	17.22 -0.14 0.00	16.17 -0.17 0.00	15.81 -0.15 0.00	18.03 0.00 0.00	18.29 0.07 0.00	17.74 0.07 0.00	18.82 0.11 0.00	19.94 0.19 0.00	25.04 0.32 0.00	29.16 0.12 0.00	26.35 0.02 0.00	25.74 0.20 0.00	25.82 -0.16 0.00	29.33 0.02 0.00	27.69 0.06 0.00	30.73 0.09 0.00	28.57 -0.04 0.00	28.09 -0.03 0.00	31.50 -0.09 0.00	30.23 -0.19 0.00	26.55 -0.12 0.00	24.01 0.27 0.00
STA_56____34_KV_BUS2 355983	20.89 0.08 0.00	18.80 -0.05 0.00	17.22 -0.14 0.00	16.17 -0.17 0.00	15.81 -0.15 0.00	18.03 0.00 0.00	18.29 0.07 0.00	17.74 0.07 0.00	18.82 0.11 0.00	19.94 0.19 0.00	25.04 0.32 0.00	29.16 0.12 0.00	26.35 0.02 0.00	25.74 0.20 0.00	25.82 -0.16 0.00	29.33 0.02 0.00	27.69 0.06 0.00	30.73 0.09 0.00	28.57 -0.04 0.00	28.09 -0.03 0.00	31.50 -0.09 0.00	30.23 -0.19 0.00	26.55 -0.12 0.00	24.01 0.27 0.00
STA_67____115KV_BK2 355882	20.98 0.17 0.00	18.88 0.04 0.00	17.30 -0.07 0.00	16.25 -0.10 0.00	15.88 -0.08 0.00	18.11 0.08 0.00	18.38 0.15 0.00	17.83 0.16 0.00	18.91 0.20 0.00	20.04 0.29 0.00	25.16 0.44 0.00	29.27 0.23 0.00	26.44 0.10 0.00	25.83 0.28 0.00	25.87 -0.11 0.00	29.39 0.08 0.00	27.73 0.10 0.00	30.75 0.12 0.00	28.58 -0.03 0.00	28.12 0.02 0.00	31.57 -0.02 0.00	30.30 -0.12 0.00	26.64 -0.03 0.00	24.13 0.39 0.00
STA_7____115KV_9TRANS 80674	21.11 0.30 0.00	18.99 0.15 0.00	17.39 0.03 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.21 0.18 0.00	18.48 0.26 0.00	17.93 0.25 0.00	19.02 0.32 0.00	20.17 0.42 0.00	25.33 0.61 0.00	29.48 0.44 0.00	26.64 0.31 0.00	26.03 0.49 0.00	26.08 0.10 0.00	29.64 0.33 0.00	27.98 0.34 0.00	31.05 0.41 0.00	28.86 0.26 0.00	28.39 0.28 0.00	31.85 0.26 0.00	30.57 0.14 0.00	26.85 0.19 0.00	24.30 0.56 0.00
STA_82____115KV_TB1 80780	20.99 0.18 0.00	18.89 0.05 0.00	17.31 -0.06 0.00	16.25 -0.09 0.00	15.88 -0.08 0.00	18.12 0.09 0.00	18.39 0.16 0.00	17.84 0.16 0.00	18.92 0.21 0.00	20.04 0.30 0.00	25.17 0.45 0.00	29.28 0.24 0.00	26.44 0.11 0.00	25.83 0.29 0.00	25.88 -0.10 0.00	29.41 0.09 0.00	27.74 0.11 0.00	30.77 0.14 0.00	28.60 0.00 0.00	28.14 0.03 0.00	31.58 0.00 0.00	30.32 -0.10 0.00	26.65 -0.01 0.00	24.14 0.40 0.00
STEEL____WIND 323596	21.10 0.29 0.00	18.95 0.11 0.00	17.33 -0.03 0.00	16.27 -0.08 0.00	15.88 -0.08 0.00	18.20 0.17 0.00	18.50 0.28 0.00	18.02 0.34 0.00	19.18 0.47 0.00	20.37 0.62 0.00	25.65 0.93 0.00	29.66 0.62 0.00	26.68 0.34 0.00	26.17 0.63 0.00	26.00 0.02 0.00	29.60 0.29 0.00	27.87 0.24 0.00	30.79 0.15 0.00	28.45 -0.16 0.00	28.00 -0.12 0.00	31.46 -0.13 0.00	30.13 -0.29 0.00	26.57 -0.09 0.00	24.27 0.53 0.00
STEPHTWN_115KV_BK_2 55603	21.31 0.50 0.00	19.24 0.40 0.00	17.73 0.37 0.00	16.73 0.38 0.00	16.35 0.39 0.00	18.37 0.35 0.00	18.63 0.40 0.00	18.09 0.41 0.00	19.12 0.42 0.00	20.18 0.44 0.00	25.30 0.58 0.00	29.76 0.73 0.00	27.02 0.69 0.00	26.25 0.71 0.00	26.83 0.85 0.00	30.11 0.80 0.00	28.39 0.76 0.00	31.60 0.96 0.00	29.58 0.98 0.00	29.22 1.11 0.00	32.70 1.12 0.00	31.54 1.12 0.00	27.42 0.75 0.00	24.32 0.58 0.00
STEBEN_REC_LFGE 323667	21.36 0.55 0.00	19.18 0.34 0.00	17.60 0.24 0.00	16.53 0.18 0.00	16.14 0.18 0.00	18.46 0.43 0.00	18.73 0.51 0.00	18.28 0.61 0.00	19.53 0.83 0.00	20.71 0.97 0.00	26.13 1.38 -0.03	30.34 1.24 -0.07	27.30 0.87 -0.10	26.57 1.03 0.00	26.60 0.62 0.00	30.21 0.90 0.00	28.47 0.84 0.00	31.64 0.80 -0.20	29.06 0.45 0.00	28.93 0.50 -0.32	32.03 0.45 0.00	30.50 0.07 0.00	26.80 0.14 0.00	24.26 0.52 0.00
STONY____BROOK 24151	22.27 1.46 0.00	19.90 1.06 0.00	18.30 0.94 0.00	17.31 0.97 0.00	16.95 0.98 0.00	19.03 1.00 0.00	19.32 1.09 0.00	18.81 1.13 0.00	20.01 1.31 0.00	21.19 1.44 0.00	26.82 2.11 0.00	31.63 2.59 0.00	29.98 2.54 -1.12	30.93 2.44 -2.95	31.11 2.69 -2.43	32.54 3.17 -0.07	30.53 2.88 -0.02	33.42 2.78 0.00	31.20 2.59 0.00	30.71 2.61 0.00	34.20 2.62 0.00	32.97 2.53 -0.01	28.75 2.08 0.00	25.43 1.69 0.00

STURGEON_POOL_HYD 23609	21.82 1.01 0.00	19.58 0.74 0.00	18.07 0.71 0.00	17.03 0.69 0.00	16.61 0.64 0.00	18.70 0.67 0.00	19.05 0.82 0.00	18.48 0.80 0.00	19.60 0.90 0.00	20.80 1.06 0.00	26.27 1.56 0.00	31.58 2.54 0.00	28.80 2.47 0.00	28.03 2.49 0.00	28.56 2.58 0.00	31.60 2.29 0.00	29.79 2.16 0.00	32.85 2.21 0.00	30.65 2.05 0.00	30.04 1.93 0.00	33.47 1.89 0.00	32.19 1.77 0.00	28.09 1.43 0.00	24.97 1.23 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.66 0.85 0.00	19.49 0.65 0.00	17.97 0.61 0.00	16.95 0.60 0.00	16.52 0.56 0.00	18.62 0.59 0.00	18.95 0.73 0.00	18.37 0.69 0.00	19.46 0.76 0.00	20.61 0.87 0.00	25.95 1.23 0.00	30.60 1.56 0.00	27.88 1.55 0.00	27.02 1.48 0.00	27.63 1.65 0.00	31.19 1.88 0.00	29.43 1.80 0.00	32.58 1.94 0.00	30.43 1.83 0.00	29.85 1.74 0.00	33.28 1.69 0.00	31.99 1.57 0.00	27.91 1.24 0.00	24.81 1.06 0.00
SWANROAD_115KV_TB1 355699	20.60 -0.21 0.00	18.53 -0.31 0.00	16.91 -0.45 0.00	15.86 -0.48 0.00	15.50 -0.46 0.00	17.78 -0.25 0.00	18.06 -0.17 0.00	17.51 -0.17 0.00	18.59 -0.11 0.00	19.73 -0.01 0.00	24.76 0.05 0.00	28.61 -0.43 0.00	25.77 -0.56 0.00	25.28 -0.27 0.00	24.93 -1.05 0.00	28.38 -0.94 0.00	26.73 -0.90 0.00	29.53 -1.10 0.00	27.34 -1.26 0.00	27.02 -1.09 0.00	30.45 -1.14 0.00	29.22 -1.21 0.00	25.84 -0.82 0.00	23.71 -0.03 0.00
SYNERGY___BIOGAS 323694	21.33 0.52 0.00	19.16 0.32 0.00	17.51 0.15 0.00	16.44 0.09 0.00	16.08 0.11 0.00	18.42 0.39 0.00	18.73 0.50 0.00	18.19 0.51 0.00	19.29 0.59 0.00	20.45 0.70 0.00	25.67 0.96 0.00	29.76 0.72 0.00	26.85 0.51 0.00	26.33 0.79 0.00	26.16 0.18 0.00	29.76 0.45 0.00	28.10 0.47 0.00	31.17 0.53 0.00	28.98 0.37 0.00	28.61 0.51 0.00	32.18 0.59 0.00	30.86 0.43 0.00	27.13 0.47 0.00	24.70 0.96 0.00
SYRACUSE___ENERGY_ST1 323597	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
SYRACUSE___ENERGY_ST2 323598	20.89 0.08 0.00	18.87 0.03 0.00	17.37 0.00 0.00	16.34 -0.01 0.00	15.96 0.00 0.00	18.07 0.05 0.00	18.29 0.07 0.00	17.73 0.05 0.00	18.75 0.05 0.00	19.79 0.04 0.00	24.88 0.06 -0.11	29.31 0.03 -0.24	26.70 0.01 -0.36	25.60 0.06 0.00	25.98 0.00 0.00	29.38 0.07 0.00	27.71 0.07 0.00	31.49 0.14 -0.71	28.74 0.13 0.00	29.39 0.13 -1.15	31.66 0.07 0.00	30.43 0.00 0.00	26.62 -0.04 0.00	23.86 0.12 0.00
SYRACUSE___POWER 24017	20.88 0.07 0.00	18.85 0.01 0.00	17.35 -0.01 0.00	16.33 -0.02 0.00	15.94 -0.02 0.00	18.05 0.03 0.00	18.27 0.05 0.00	17.71 0.03 0.00	18.75 0.04 0.00	19.78 0.04 0.00	24.84 0.06 -0.07	29.20 0.01 -0.15	26.56 0.00 -0.23	25.59 0.05 0.00	25.94 -0.04 0.00	29.34 0.02 0.00	27.69 0.06 0.00	31.20 0.10 -0.46	28.70 0.09 0.00	28.96 0.10 -0.75	31.65 0.07 0.00	30.40 -0.02 0.00	26.62 -0.05 0.00	23.85 0.11 0.00
TALLMAN___138KV_BK151 55660	21.75 0.95 0.00	19.55 0.71 0.00	18.03 0.67 0.00	17.00 0.66 0.00	16.57 0.61 0.00	18.68 0.65 0.00	19.03 0.80 0.00	18.45 0.78 0.00	19.56 0.85 0.00	20.74 0.99 0.00	26.14 1.42 0.00	30.83 1.80 0.00	28.11 1.78 0.00	27.24 1.70 0.00	27.86 1.88 0.00	31.45 2.14 0.00	29.67 2.04 0.00	32.82 2.19 0.00	30.64 2.04 0.00	30.04 1.93 0.00	33.45 1.86 0.00	32.14 1.72 0.00	28.05 1.38 0.00	24.93 1.18 0.00
TEALLAVE_115KV_TB7 355573	20.79 -0.02 0.00	18.77 -0.08 0.00	17.27 -0.09 0.00	16.25 -0.10 0.00	15.87 -0.09 0.00	17.97 -0.05 0.00	18.19 -0.04 0.00	17.62 -0.05 0.00	18.67 -0.04 0.00	19.70 -0.05 0.00	24.72 -0.06 -0.06	29.04 -0.12 -0.13	26.39 -0.13 -0.19	25.46 -0.08 0.00	25.79 -0.19 0.00	29.17 -0.15 0.00	27.52 -0.11 0.00	30.92 -0.09 -0.37	28.51 -0.10 0.00	28.62 -0.09 -0.60	31.44 -0.15 0.00	30.21 -0.22 0.00	26.45 -0.21 0.00	23.74 0.00 0.00
TELGRAPH_34_KV_EAST 80808	21.03 0.22 0.00	18.90 0.05 0.00	17.26 -0.11 0.00	16.19 -0.15 0.00	15.83 -0.14 0.00	18.13 0.11 0.00	18.44 0.21 0.00	17.90 0.22 0.00	19.02 0.31 0.00	20.18 0.44 0.00	25.35 0.63 0.00	29.33 0.30 0.00	26.45 0.12 0.00	25.92 0.38 0.00	25.68 -0.30 0.00	29.23 -0.09 0.00	27.55 -0.08 0.00	30.49 -0.15 0.00	28.26 -0.35 0.00	27.89 -0.22 0.00	31.38 -0.20 0.00	30.10 -0.32 0.00	26.55 -0.12 0.00	24.26 0.52 0.00
TEMPLE___115KV_TB 2 55572	20.80 -0.01 0.00	18.78 -0.06 0.00	17.28 -0.08 0.00	16.26 -0.08 0.00	15.88 -0.08 0.00	17.98 -0.04 0.00	18.20 -0.03 0.00	17.63 -0.04 0.00	18.68 -0.02 0.00	19.71 -0.04 0.00	24.74 -0.04 -0.06	29.06 -0.10 -0.13	26.41 -0.11 -0.19	25.49 -0.06 0.00	25.81 -0.17 0.00	29.19 -0.12 0.00	27.55 -0.08 0.00	30.95 -0.06 -0.37	28.54 -0.07 0.00	28.65 -0.07 -0.60	31.46 -0.13 0.00	30.22 -0.21 0.00	26.47 -0.19 0.00	23.75 0.01 0.00
TIANA___69_KV_BK 1 55817	22.30 1.48 0.00	19.92 1.07 0.00	18.32 0.95 0.00	17.37 1.02 0.00	17.03 1.06 0.00	19.07 1.04 0.00	19.34 1.11 0.00	18.84 1.16 0.00	20.06 1.36 0.00	21.27 1.52 0.00	26.90 2.18 0.00	31.74 2.70 0.00	30.09 2.65 -1.12	31.01 2.52 -2.95	31.21 2.80 -2.43	32.68 3.30 -0.07	30.75 3.11 -0.02	33.79 3.15 0.00	31.54 2.94 0.00	30.93 2.82 0.00	34.39 2.81 0.00	33.09 2.66 -0.01	28.83 2.17 0.00	25.47 1.72 0.00
TILDEN___115KV_TB1 80814	20.88 0.07 0.00	18.85 0.01 0.00	17.35 -0.01 0.00	16.33 -0.02 0.00	15.94 -0.02 0.00	18.05 0.03 0.00	18.27 0.05 0.00	17.71 0.03 0.00	18.75 0.04 0.00	19.78 0.04 0.00	24.84 0.06 -0.07	29.20 0.01 -0.15	26.56 0.00 -0.23	25.59 0.05 0.00	25.94 -0.04 0.00	29.34 0.02 0.00	27.69 0.06 0.00	31.20 0.10 -0.46	28.70 0.09 0.00	28.96 0.10 -0.75	31.65 0.07 0.00	30.40 -0.02 0.00	26.62 -0.05 0.00	23.85 0.11 0.00
TRIGEN___CC 323695	22.11 1.30 0.00	19.78 0.94 0.00	18.21 0.85 0.00	17.18 0.84 0.00	16.78 0.82 0.00	18.88 0.85 0.00	19.21 0.98 0.00	18.67 1.00 0.00	19.84 1.14 0.00	21.03 1.29 0.00	26.61 1.90 0.00	31.36 2.32 0.00	29.72 2.27 -1.12	30.66 2.16 -2.95	30.77 2.36 -2.43	32.08 2.70 -0.07	30.18 2.54 -0.02	33.30 2.66 0.00	31.10 2.49 0.00	30.50 2.39 0.00	33.97 2.38 0.00	32.72 2.29 -0.01	28.49 1.83 0.00	25.25 1.51 0.00
TRINITY___115KV___ 4 BK 55933	21.12 0.30 0.00	19.08 0.23 0.00	17.60 0.24 0.00	16.59 0.25 0.00	16.22 0.25 0.00	18.24 0.21 0.00	18.47 0.24 0.00	17.86 0.19 0.00	18.89 0.18 0.00	19.95 0.20 0.00	24.98 0.26 0.00	29.38 0.34 0.00	26.72 0.39 0.00	25.92 0.37 0.00	26.51 0.53 0.00	29.76 0.44 0.00	28.04 0.41 0.00	31.15 0.51 0.00	29.27 0.66 0.00	28.85 0.74 0.00	32.24 0.66 0.00	31.12 0.70 0.00	27.10 0.43 0.00	24.10 0.35 0.00

UNION___PROCESSING_DRP 323587	21.00 0.19 0.00	18.90 0.06 0.00	17.31 -0.05 0.00	16.26 -0.09 0.00	15.89 -0.07 0.00	18.12 0.10 0.00	18.40 0.17 0.00	17.85 0.17 0.00	18.93 0.22 0.00	20.05 0.31 0.00	25.17 0.46 0.00	29.28 0.24 0.00	26.45 0.12 0.00	25.85 0.30 0.00	25.89 -0.09 0.00	29.41 0.10 0.00	27.75 0.12 0.00	30.78 0.15 0.00	28.61 0.00 0.00	28.15 0.04 0.00	31.60 0.02 0.00	30.33 -0.09 0.00	26.67 0.00 0.00	24.15 0.41 0.00
UPPER HUDSON___HYD 24058	21.83 1.02 0.00	19.68 0.84 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.71 0.74 0.00	18.83 0.80 0.00	19.15 0.93 0.00	18.55 0.87 0.00	19.51 0.80 0.00	20.58 0.83 0.00	25.56 0.84 0.00	30.01 0.97 0.00	27.27 0.94 0.00	26.24 0.70 0.00	26.86 0.88 0.00	30.25 0.94 0.00	28.52 0.89 0.00	31.83 1.19 0.00	30.27 1.66 0.00	30.09 1.97 0.00	33.55 1.96 0.00	32.23 1.81 0.00	28.11 1.45 0.00	24.94 1.19 0.00
UPPER RAQUET___HYD 24056	20.68 -0.13 0.00	18.86 0.02 0.00	17.36 -0.01 0.00	16.32 -0.03 0.00	15.94 -0.02 0.00	18.03 0.00 0.00	18.11 -0.11 0.00	17.42 -0.26 0.00	18.41 -0.30 0.00	19.41 -0.34 0.00	24.24 -0.48 0.00	28.53 -0.50 0.00	25.83 -0.50 0.00	25.05 -0.49 0.00	25.45 -0.53 0.00	28.72 -0.60 0.00	26.96 -0.67 0.00	29.80 -0.84 0.00	27.77 -0.84 0.00	27.28 -0.83 0.00	30.96 -0.62 0.00	30.03 -0.39 0.00	26.68 0.01 0.00	23.67 -0.07 0.00
VALLEY44_115KV_TB2 355964	21.13 0.32 0.00	18.98 0.14 0.00	17.44 0.08 0.00	16.42 0.07 0.00	16.01 0.05 0.00	18.31 0.28 0.00	18.62 0.39 0.00	18.19 0.52 0.00	19.42 0.72 0.00	20.63 0.89 0.00	26.09 1.38 0.00	30.20 1.16 0.00	26.98 0.65 0.00	26.32 0.77 0.00	26.35 0.37 0.00	30.03 0.71 0.00	28.24 0.61 0.00	31.19 0.55 0.00	28.86 0.25 0.00	28.29 0.18 0.00	31.77 0.18 0.00	30.40 -0.02 0.00	26.85 0.18 0.00	24.34 0.60 0.00
VALLEY___115KV_TB 1-4 80826	20.66 -0.15 0.00	18.66 -0.18 0.00	17.25 -0.12 0.00	16.25 -0.09 0.00	15.92 -0.04 0.00	17.95 -0.08 0.00	18.19 -0.03 0.00	17.67 0.00 0.00	18.66 -0.04 0.00	19.67 -0.07 0.00	24.67 -0.05 0.00	28.98 -0.06 0.00	26.35 0.02 0.00	25.60 0.05 0.00	26.21 0.22 0.00	29.44 0.13 0.00	27.75 0.12 0.00	30.85 0.22 0.00	29.01 0.40 0.00	28.69 0.58 0.00	32.01 0.42 0.00	30.73 0.30 0.00	26.67 0.00 0.00	23.67 -0.08 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.46 0.65 0.00	19.34 0.50 0.00	17.85 0.49 0.00	16.82 0.48 0.00	16.41 0.45 0.00	18.54 0.52 0.00	18.83 0.60 0.00	18.25 0.58 0.00	19.38 0.67 0.00	20.84 1.09 0.00	26.19 1.45 -0.02	30.18 1.09 -0.05	27.43 1.03 -0.07	26.54 1.00 0.00	27.01 1.03 0.00	30.49 1.17 0.00	28.74 1.11 0.00	31.99 1.21 -0.15	29.78 1.17 0.00	29.49 1.14 -0.24	32.75 1.17 0.00	31.52 1.10 0.00	27.55 0.89 0.00	24.54 0.80 0.00
VISCHER___FERRY HYD 24020	21.46 0.65 0.00	19.41 0.57 0.00	17.91 0.54 0.00	16.89 0.54 0.00	16.50 0.54 0.00	18.56 0.54 0.00	18.84 0.61 0.00	18.25 0.57 0.00	19.24 0.53 0.00	20.31 0.56 0.00	25.38 0.67 0.00	29.83 0.79 0.00	27.12 0.79 0.00	26.27 0.73 0.00	26.87 0.89 0.00	30.14 0.82 0.00	28.39 0.76 0.00	31.50 0.86 0.00	29.67 1.06 0.00	29.32 1.21 0.00	32.74 1.16 0.00	31.61 1.18 0.00	27.52 0.86 0.00	24.48 0.73 0.00
V_A_10_SYNC_DSASP 323832	20.78 -0.03 0.00	18.69 -0.15 0.00	17.10 -0.26 0.00	16.06 -0.29 0.00	15.69 -0.27 0.00	17.94 -0.09 0.00	18.23 0.00 0.00	17.69 0.02 0.00	18.79 0.08 0.00	19.93 0.18 0.00	25.04 0.33 0.00	28.99 -0.05 0.00	26.12 -0.21 0.00	25.54 0.00 0.00	25.42 -0.56 0.00	28.91 -0.41 0.00	27.23 -0.40 0.00	30.14 -0.50 0.00	27.93 -0.67 0.00	27.52 -0.59 0.00	30.92 -0.67 0.00	29.67 -0.75 0.00	26.18 -0.48 0.00	23.89 0.15 0.00
V_CMM_10_SYNC_DSASP 323787	20.59 -0.23 0.00	18.75 -0.09 0.00	17.25 -0.11 0.00	16.23 -0.11 0.00	15.85 -0.11 0.00	17.91 -0.11 0.00	18.06 -0.16 0.00	17.51 -0.17 0.00	18.53 -0.18 0.00	19.55 -0.19 0.00	24.44 -0.28 0.00	28.75 -0.29 0.00	26.02 -0.31 0.00	25.22 -0.32 0.00	25.62 -0.36 0.00	28.92 -0.39 0.00	27.24 -0.39 0.00	30.18 -0.46 0.00	28.09 -0.52 0.00	27.54 -0.57 0.00	31.17 -0.42 0.00	30.09 -0.34 0.00	26.51 -0.15 0.00	23.47 -0.27 0.00
V_CMP_10_SYNC_DSASP 323788	21.41 0.60 0.00	19.48 0.63 0.00	17.96 0.59 0.00	16.92 0.57 0.00	16.54 0.57 0.00	18.72 0.69 0.00	18.96 0.73 0.00	18.22 0.54 0.00	19.27 0.57 0.00	20.35 0.60 0.00	25.38 0.66 0.00	29.85 0.81 0.00	27.09 0.75 0.00	26.27 0.73 0.00	26.79 0.81 0.00	30.17 0.86 0.00	28.40 0.77 0.00	31.71 1.07 0.00	29.60 1.00 0.00	29.11 1.00 0.00	32.68 1.10 0.00	31.50 1.07 0.00	27.68 1.02 0.00	24.49 0.75 0.00
V_E_10_SYNC_DSASP 323830	22.31 1.50 0.00	20.09 1.25 0.00	18.49 1.13 0.00	17.35 1.00 0.00	16.99 1.02 0.00	19.32 1.29 0.00	19.64 1.42 0.00	19.07 1.40 0.00	20.17 1.46 0.00	21.17 1.42 0.00	26.52 1.76 -0.04	31.09 1.95 -0.09	28.37 1.89 -0.15	27.45 1.91 0.00	27.76 1.78 0.00	31.44 2.13 0.00	29.71 2.08 0.00	33.56 2.63 -0.30	31.18 2.57 0.00	31.35 2.75 -0.48	34.61 3.03 0.00	33.14 2.72 0.00	28.83 2.17 0.00	25.60 1.86 0.00
V_F_30_NSYNC___DSASP 323816	21.81 1.01 0.00	19.70 0.85 0.00	18.17 0.81 0.00	17.12 0.78 0.00	16.73 0.77 0.00	18.85 0.82 0.00	19.14 0.91 0.00	18.53 0.86 0.00	19.55 0.84 0.00	20.63 0.88 0.00	25.76 1.04 0.00	30.25 1.21 0.00	27.48 1.15 0.00	26.60 1.05 0.00	27.20 1.22 0.00	30.58 1.27 0.00	28.85 1.22 0.00	32.09 1.46 0.00	30.27 1.66 0.00	29.93 1.82 0.00	33.44 1.86 0.00	32.22 1.79 0.00	28.07 1.41 0.00	24.93 1.19 0.00
V_F_30_SYNC_DSASP 323786	21.20 0.39 0.00	19.15 0.31 0.00	17.67 0.31 0.00	16.66 0.31 0.00	16.28 0.31 0.00	18.31 0.28 0.00	18.55 0.32 0.00	17.94 0.27 0.00	18.98 0.28 0.00	20.04 0.30 0.00	25.12 0.40 0.00	29.55 0.51 0.00	26.86 0.53 0.00	26.07 0.52 0.00	26.66 0.67 0.00	29.95 0.64 0.00	28.23 0.59 0.00	31.36 0.72 0.00	29.45 0.84 0.00	29.02 0.91 0.00	32.43 0.85 0.00	31.29 0.86 0.00	27.25 0.58 0.00	24.21 0.47 0.00
V_XM_10_SYNC_DSASP 323789	21.41 0.60 0.00	19.48 0.63 0.00	17.96 0.59 0.00	16.92 0.57 0.00	16.54 0.57 0.00	18.72 0.69 0.00	18.96 0.73 0.00	18.22 0.54 0.00	19.27 0.57 0.00	20.35 0.60 0.00	25.38 0.66 0.00	29.85 0.81 0.00	27.09 0.75 0.00	26.27 0.73 0.00	26.79 0.81 0.00	30.17 0.86 0.00	28.40 0.77 0.00	31.71 1.07 0.00	29.60 1.00 0.00	29.11 1.00 0.00	32.68 1.10 0.00	31.50 1.07 0.00	27.68 1.02 0.00	24.49 0.75 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	21.85 1.04 0.00	19.64 0.79 0.00	18.11 0.74 0.00	17.07 0.72 0.00	16.64 0.68 0.00	18.75 0.73 0.00	19.11 0.89 0.00	18.53 0.85 0.00	19.65 0.94 0.00	20.83 1.09 0.00	26.26 1.54 0.00	30.98 1.94 0.00	28.24 1.92 0.00	27.37 1.83 0.00	27.99 2.01 0.00	31.62 2.30 0.00	29.83 2.20 0.00	32.99 2.36 0.00	30.81 2.20 0.00	30.20 2.09 0.00	33.63 2.05 0.00	32.31 1.89 0.00	28.19 1.53 0.00	25.04 1.30 0.00

W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	21.98 1.17 0.00	19.75 0.91 0.00	18.23 0.86 0.00	17.19 0.84 0.00	16.76 0.79 0.00	18.87 0.84 0.00	19.24 1.02 0.00	18.67 1.00 0.00	19.81 1.10 0.00	21.00 1.26 0.00	26.44 1.72 0.00	31.15 2.11 0.00	28.44 2.11 0.00	27.56 2.02 0.00	28.18 2.20 0.00	31.83 2.52 0.00	30.01 2.38 0.00	33.13 2.49 0.00	30.90 2.29 0.00	30.31 2.20 0.00	33.72 2.14 0.00	32.42 2.00 0.00	28.33 1.66 0.00	25.18 1.43 0.00
W50THST__13_KV_LOAD 356117	22.08 1.27 0.00	19.84 0.99 0.00	18.30 0.93 0.00	17.26 0.91 0.00	16.83 0.87 0.00	18.95 0.92 0.00	19.34 1.12 0.00	18.78 1.11 0.00	19.94 1.23 0.00	21.15 1.40 0.00	26.62 1.90 0.00	31.37 2.33 0.00	28.64 2.30 0.00	27.76 2.21 0.00	28.38 2.40 0.00	32.07 2.75 0.00	30.23 2.60 0.00	33.36 2.72 0.00	31.09 2.49 0.00	30.48 2.37 0.00	33.90 2.31 0.00	32.58 2.15 0.00	28.46 1.80 0.00	25.29 1.55 0.00
WADING RIVER_IC_1 23522	21.98 1.17 0.00	19.65 0.80 0.00	18.07 0.71 0.00	17.14 0.80 0.00	16.82 0.86 0.00	18.83 0.80 0.00	19.06 0.83 0.00	18.57 0.89 0.00	19.76 1.05 0.00	20.92 1.17 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.60 2.15 -1.12	30.55 2.05 -2.95	30.73 2.32 -2.43	32.13 2.75 -0.07	30.22 2.58 -0.02	33.20 2.56 0.00	31.01 2.41 0.00	30.42 2.31 0.00	33.86 2.28 0.00	32.61 2.18 -0.01	28.43 1.76 0.00	25.12 1.37 0.00
WADING RIVER_IC_2 23547	21.98 1.17 0.00	19.65 0.80 0.00	18.07 0.71 0.00	17.14 0.80 0.00	16.82 0.86 0.00	18.83 0.80 0.00	19.06 0.83 0.00	18.57 0.89 0.00	19.76 1.05 0.00	20.92 1.17 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.60 2.15 -1.12	30.55 2.05 -2.95	30.73 2.32 -2.43	32.13 2.75 -0.07	30.22 2.58 -0.02	33.20 2.56 0.00	31.01 2.41 0.00	30.42 2.31 0.00	33.86 2.28 0.00	32.61 2.18 -0.01	28.43 1.76 0.00	25.12 1.37 0.00
WADING RIVER_IC_3 23601	21.98 1.17 0.00	19.65 0.80 0.00	18.07 0.71 0.00	17.14 0.80 0.00	16.82 0.86 0.00	18.83 0.80 0.00	19.06 0.83 0.00	18.57 0.89 0.00	19.76 1.05 0.00	20.92 1.17 0.00	26.45 1.73 0.00	31.19 2.15 0.00	29.60 2.15 -1.12	30.55 2.05 -2.95	30.73 2.32 -2.43	32.13 2.75 -0.07	30.22 2.58 -0.02	33.20 2.56 0.00	31.01 2.41 0.00	30.42 2.31 0.00	33.86 2.28 0.00	32.61 2.18 -0.01	28.43 1.76 0.00	25.12 1.37 0.00
WALDENNY_12_KV_BK2 80841	21.11 0.30 0.00	18.96 0.11 0.00	17.33 -0.04 0.00	16.26 -0.09 0.00	15.88 -0.08 0.00	18.20 0.17 0.00	18.50 0.27 0.00	18.01 0.34 0.00	19.18 0.47 0.00	20.38 0.63 0.00	25.66 0.94 0.00	29.68 0.64 0.00	26.71 0.38 0.00	26.21 0.66 0.00	26.03 0.04 0.00	29.63 0.32 0.00	27.90 0.27 0.00	30.82 0.19 0.00	28.49 -0.12 0.00	28.04 -0.07 0.00	31.52 -0.07 0.00	30.19 -0.23 0.00	26.62 -0.05 0.00	24.31 0.57 0.00
WALDEN__HYDRO 24148	21.87 1.06 0.00	19.65 0.80 0.00	18.11 0.74 0.00	17.07 0.72 0.00	16.65 0.69 0.00	18.75 0.73 0.00	19.10 0.88 0.00	18.51 0.84 0.00	19.60 0.89 0.00	20.73 0.98 0.00	26.09 1.37 0.00	30.87 1.84 0.00	28.11 1.78 0.00	27.28 1.74 0.00	27.87 1.89 0.00	31.38 2.07 0.00	29.75 2.12 0.00	32.86 2.23 0.00	30.75 2.15 0.00	30.19 2.09 0.00	33.71 2.12 0.00	32.40 1.98 0.00	28.24 1.57 0.00	25.07 1.33 0.00
WARRENSBURG____ 23737	21.83 1.02 0.00	19.68 0.84 0.00	18.14 0.78 0.00	17.10 0.75 0.00	16.71 0.74 0.00	18.83 0.80 0.00	19.15 0.93 0.00	18.55 0.87 0.00	19.51 0.80 0.00	20.58 0.83 0.00	25.56 0.84 0.00	30.01 0.97 0.00	27.27 0.94 0.00	26.24 0.70 0.00	26.86 0.88 0.00	30.25 0.94 0.00	28.52 0.89 0.00	31.83 1.19 0.00	30.27 1.66 0.00	30.09 1.97 0.00	33.55 1.96 0.00	32.23 1.81 0.00	28.11 1.45 0.00	24.94 1.19 0.00
WATERSIDE____6 8 9 23538	21.99 1.18 0.00	19.78 0.93 0.00	18.25 0.89 0.00	17.21 0.86 0.00	16.77 0.81 0.00	18.88 0.86 0.00	19.28 1.05 0.00	18.69 1.02 0.00	19.82 1.12 0.00	21.02 1.27 0.00	26.44 1.73 0.00	31.15 2.11 0.00	28.46 2.13 0.00	27.60 2.05 0.00	28.21 2.23 0.00	31.85 2.54 0.00	30.02 2.39 0.00	33.11 2.48 0.00	30.90 2.30 0.00	30.32 2.21 0.00	33.73 2.15 0.00	32.45 2.02 0.00	28.36 1.70 0.00	25.19 1.44 0.00
WATKINRD_115KV_LN8_ILLION 55919	20.74 -0.07 0.00	18.74 -0.10 0.00	17.30 -0.07 0.00	16.30 -0.05 0.00	15.93 -0.03 0.00	17.97 -0.06 0.00	18.19 -0.03 0.00	17.65 -0.02 0.00	18.66 -0.05 0.00	19.66 -0.08 0.00	24.64 -0.07 0.00	28.94 -0.10 0.00	26.30 -0.03 0.00	25.55 0.00 0.00	26.09 0.11 0.00	29.34 0.03 0.00	27.67 0.04 0.00	30.76 0.12 0.00	28.86 0.26 0.00	28.51 0.40 0.00	31.89 0.30 0.00	30.69 0.26 0.00	26.70 0.04 0.00	23.72 -0.02 0.00
WATSON____69_KV_BK 1 55734	22.49 1.67 0.00	20.08 1.24 0.00	18.47 1.10 0.00	17.45 1.10 0.00	17.07 1.11 0.00	19.19 1.16 0.00	19.50 1.28 0.00	18.99 1.32 0.00	20.21 1.51 0.00	21.42 1.68 0.00	27.15 2.43 0.00	32.01 2.97 0.00	30.34 2.89 -1.12	31.27 2.77 -2.95	31.43 3.01 -2.43	32.90 3.52 -0.07	30.95 3.30 -0.02	34.00 3.37 0.00	31.74 3.13 0.00	31.12 3.01 0.00	34.64 3.06 0.00	33.42 2.99 -0.01	29.10 2.44 0.00	25.73 1.98 0.00
WDELAWARE__HYD 323627	21.24 0.43 0.00	19.08 0.23 0.00	17.59 0.22 0.00	16.58 0.23 0.00	16.17 0.20 0.00	18.24 0.21 0.00	18.56 0.33 0.00	17.99 0.31 0.00	19.06 0.35 0.00	20.19 0.45 0.00	25.41 0.70 0.00	30.13 1.09 0.00	27.44 1.11 0.00	26.67 1.13 0.00	27.24 1.26 0.00	30.69 1.37 0.00	28.86 1.23 0.00	31.92 1.29 0.00	29.94 1.33 0.00	29.39 1.28 0.00	32.78 1.19 0.00	31.52 1.09 0.00	27.47 0.80 0.00	24.37 0.63 0.00
WEST BABYLON__IC 23714	22.45 1.64 0.00	20.06 1.21 0.00	18.45 1.08 0.00	17.43 1.08 0.00	17.03 1.07 0.00	19.15 1.13 0.00	19.47 1.25 0.00	18.96 1.28 0.00	20.17 1.46 0.00	21.37 1.63 0.00	27.10 2.38 0.00	31.92 2.89 0.00	30.28 2.83 -1.12	31.19 2.70 -2.95	31.33 2.91 -2.43	32.78 3.40 -0.07	30.85 3.20 -0.02	33.93 3.30 0.00	31.70 3.09 0.00	31.08 2.97 0.00	34.58 3.00 0.00	33.37 2.93 -0.01	29.04 2.38 0.00	25.69 1.95 0.00
WEST CANADA__HYD 24049	20.85 0.04 0.00	18.86 0.02 0.00	17.38 0.02 0.00	16.36 0.02 0.00	15.98 0.02 0.00	18.05 0.02 0.00	18.26 0.04 0.00	17.71 0.03 0.00	18.73 0.02 0.00	19.76 0.02 0.00	24.75 0.04 0.00	29.07 0.03 0.00	26.38 0.05 0.00	25.59 0.05 0.00	26.06 0.08 0.00	29.38 0.07 0.00	27.71 0.08 0.00	30.73 0.09 0.00	28.72 0.12 0.00	28.25 0.14 0.00	31.69 0.10 0.00	30.51 0.09 0.00	26.70 0.04 0.00	23.80 0.06 0.00
WESTERN_NY_WIND 24143	21.32 0.51 0.00	19.15 0.31 0.00	17.49 0.13 0.00	16.42 0.07 0.00	16.06 0.10 0.00	18.40 0.37 0.00	18.71 0.48 0.00	18.17 0.49 0.00	19.28 0.57 0.00	20.43 0.69 0.00	25.65 0.93 0.00	29.72 0.68 0.00	26.82 0.49 0.00	26.31 0.76 0.00	26.13 0.15 0.00	29.73 0.41 0.00	28.06 0.43 0.00	31.13 0.49 0.00	28.94 0.33 0.00	28.57 0.46 0.00	32.12 0.53 0.00	30.81 0.38 0.00	27.10 0.43 0.00	24.68 0.93 0.00

WESTOVER___LESR 323668	21.11 0.30 0.00	19.03 0.19 0.00	17.56 0.19 0.00	16.53 0.18 0.00	16.12 0.16 0.00	18.28 0.25 0.00	18.51 0.29 0.00	18.03 0.35 0.00	19.12 0.42 0.00	20.23 0.48 0.00	25.50 0.74 -0.04	29.88 0.75 -0.09	27.06 0.59 -0.14	26.18 0.64 0.00	26.52 0.53 0.00	30.04 0.73 0.00	28.33 0.70 0.00	31.72 0.80 -0.28	29.26 0.65 0.00	29.22 0.66 -0.45	32.24 0.65 0.00	30.92 0.49 0.00	27.07 0.41 0.00	24.24 0.49 0.00
WETHRSFD_WT_PWR 323626	21.03 0.22 0.00	18.88 0.04 0.00	17.29 -0.07 0.00	16.24 -0.11 0.00	15.83 -0.13 0.00	18.12 0.09 0.00	18.39 0.17 0.00	17.93 0.25 0.00	19.11 0.41 0.00	20.29 0.55 0.00	25.56 0.84 0.00	29.59 0.55 0.00	26.62 0.29 0.00	26.05 0.50 0.00	25.97 -0.01 0.00	29.49 0.18 0.00	27.75 0.11 0.00	30.59 -0.05 0.00	28.28 -0.33 0.00	27.85 -0.26 0.00	31.22 -0.37 0.00	29.82 -0.61 0.00	26.23 -0.44 0.00	23.87 0.13 0.00
WHAVSTOR_138KV_BK127 55557	21.74 0.94 0.00	19.54 0.70 0.00	18.02 0.66 0.00	17.00 0.65 0.00	16.57 0.61 0.00	18.67 0.64 0.00	19.02 0.79 0.00	18.43 0.76 0.00	19.54 0.84 0.00	20.72 0.97 0.00	26.11 1.39 0.00	30.80 1.76 0.00	28.06 1.73 0.00	27.21 1.66 0.00	27.81 1.83 0.00	31.39 2.08 0.00	29.62 1.99 0.00	32.75 2.12 0.00	30.59 1.98 0.00	30.00 1.89 0.00	33.41 1.82 0.00	32.11 1.68 0.00	28.02 1.36 0.00	24.90 1.16 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.74 0.94 0.00	19.54 0.70 0.00	18.02 0.66 0.00	17.00 0.65 0.00	16.57 0.61 0.00	18.67 0.64 0.00	19.02 0.79 0.00	18.43 0.76 0.00	19.54 0.84 0.00	20.72 0.97 0.00	26.11 1.39 0.00	30.80 1.76 0.00	28.06 1.73 0.00	27.21 1.66 0.00	27.81 1.83 0.00	31.39 2.08 0.00	29.62 1.99 0.00	32.75 2.12 0.00	30.59 1.98 0.00	30.00 1.89 0.00	33.41 1.82 0.00	32.11 1.68 0.00	28.02 1.36 0.00	24.90 1.16 0.00
WHITEHAL_115KV_TB1 80871	22.66 1.85 0.00	20.38 1.54 0.00	18.78 1.41 0.00	17.74 1.39 0.00	17.28 1.32 0.00	19.46 1.44 0.00	19.86 1.64 0.00	19.16 1.48 0.00	19.93 1.23 0.00	20.99 1.25 0.00	26.10 1.39 0.00	30.67 1.63 0.00	27.99 1.66 0.00	26.95 1.41 0.00	27.64 1.66 0.00	31.25 1.93 0.00	29.34 1.71 0.00	32.87 2.23 0.00	31.37 2.76 0.00	31.24 3.14 0.00	34.58 3.00 0.00	33.35 2.92 0.00	28.92 2.25 0.00	25.67 1.93 0.00
WHITEPLN_13_KV_LOAD 356215	22.07 1.26 0.00	19.83 0.98 0.00	18.28 0.92 0.00	17.24 0.89 0.00	16.81 0.85 0.00	18.93 0.91 0.00	19.30 1.07 0.00	18.74 1.06 0.00	19.88 1.17 0.00	21.08 1.33 0.00	26.56 1.84 0.00	31.31 2.27 0.00	28.54 2.21 0.00	27.67 2.13 0.00	28.30 2.32 0.00	31.96 2.65 0.00	30.15 2.52 0.00	33.36 2.72 0.00	31.13 2.52 0.00	30.52 2.41 0.00	33.98 2.39 0.00	32.66 2.23 0.00	28.49 1.82 0.00	25.30 1.55 0.00
WM_FLOYD_69_KV_BK2 356380	22.18 1.37 0.00	19.82 0.98 0.00	18.24 0.87 0.00	17.28 0.93 0.00	16.93 0.97 0.00	18.98 0.95 0.00	19.24 1.02 0.00	18.74 1.07 0.00	19.94 1.23 0.00	21.09 1.35 0.00	26.66 1.95 0.00	31.45 2.41 0.00	29.84 2.39 -1.12	30.77 2.27 -2.95	30.95 2.54 -2.43	32.37 2.99 -0.07	30.46 2.81 -0.02	33.46 2.82 0.00	31.26 2.66 0.00	30.67 2.56 0.00	34.15 2.56 0.00	32.90 2.46 -0.01	28.69 2.02 0.00	25.35 1.61 0.00
WOODARD__115KV_TB2 355635	20.74 -0.07 0.00	18.73 -0.11 0.00	17.24 -0.12 0.00	16.22 -0.13 0.00	15.84 -0.12 0.00	17.94 -0.09 0.00	18.15 -0.08 0.00	17.58 -0.10 0.00	18.62 -0.09 0.00	19.64 -0.10 0.00	24.65 -0.14 -0.07	28.98 -0.21 -0.16	26.36 -0.21 -0.24	25.39 -0.15 0.00	25.74 -0.24 0.00	29.10 -0.21 0.00	27.46 -0.17 0.00	30.95 -0.16 -0.47	28.45 -0.16 0.00	28.72 -0.15 -0.76	31.37 -0.21 0.00	30.15 -0.27 0.00	26.40 -0.27 0.00	23.68 -0.07 0.00
YORK___WARBASSE 23770	22.04 1.23 0.00	19.82 0.98 0.00	18.30 0.94 0.00	17.24 0.90 0.00	16.81 0.85 0.00	18.93 0.90 0.00	19.32 1.10 0.00	18.73 1.05 0.00	19.86 1.16 0.00	21.07 1.33 0.00	26.52 1.80 0.00	31.23 2.19 0.00	28.57 2.24 0.00	27.69 2.15 0.00	28.31 2.33 0.00	31.96 2.65 0.00	30.14 2.51 0.00	33.22 2.58 0.00	31.00 2.40 0.00	30.41 2.30 0.00	33.81 2.22 0.00	32.54 2.12 0.00	28.46 1.80 0.00	25.28 1.54 0.00