

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

09/10/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	34.04	21.56	22.27	20.34	20.73	20.37	19.85	21.88	24.45	29.96	29.51	27.84	27.86	28.69	31.59	31.62	31.58	32.98	33.15	32.18	33.69	34.60	31.78	27.84
24138	2.18	1.26	1.19	1.10	1.09	1.09	1.15	1.37	1.61	2.00	2.01	1.91	1.93	1.96	2.03	2.03	2.05	2.08	2.05	1.96	1.96	1.96	1.74	1.47
	-0.37	-0.18	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.22	-0.07	-0.12	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	-0.04	-0.54	-0.80	-0.31
74TH STREET_GT_1	34.25	21.68	22.39	20.47	20.85	20.48	19.95	21.98	24.56	30.09	29.62	27.96	27.97	28.81	31.69	31.72	31.70	33.10	33.28	32.33	33.83	34.75	31.93	27.96
24260	2.38	1.38	1.32	1.23	1.22	1.19	1.26	1.47	1.72	2.14	2.12	2.03	2.04	2.08	2.14	2.13	2.17	2.20	2.18	2.11	2.11	2.11	1.89	1.59
	-0.37	-0.18	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.22	-0.07	-0.12	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	-0.04	-0.54	-0.80	-0.31
74TH STREET_GT_2	34.25	21.68	22.39	20.47	20.85	20.48	19.95	21.98	24.56	30.09	29.62	27.96	27.97	28.81	31.69	31.72	31.70	33.10	33.28	32.33	33.83	34.75	31.93	27.96
24261	2.38	1.38	1.32	1.23	1.22	1.19	1.26	1.47	1.72	2.14	2.12	2.03	2.04	2.08	2.14	2.13	2.17	2.20	2.18	2.11	2.11	2.11	1.89	1.59
	-0.37	-0.18	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	-0.22	-0.07	-0.12	0.00	0.00	0.00	0.00	-0.05	0.00	-0.03	-0.04	-0.54	-0.80	-0.31
ADK HUDSON___FALLS	32.96	20.94	22.03	20.24	20.60	20.26	19.69	21.63	24.16	29.22	28.41	27.15	27.01	28.04	31.20	31.33	31.11	32.35	32.79	31.97	33.44	33.28	29.78	26.89
24011	1.93	1.04	1.07	1.00	0.96	0.98	0.99	1.11	1.32	1.62	1.41	1.39	1.35	1.31	1.65	1.74	1.58	1.55	1.69	1.81	1.80	1.84	1.55	1.22
	0.46	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.28	0.09	0.15	0.00	0.00	0.00	0.00	0.06	0.00	0.04	0.05	0.67	1.01	0.39
ADK RESOURCE___RCVRY	33.21	21.08	22.15	20.35	20.69	20.34	19.78	21.73	24.29	29.37	28.57	27.31	27.15	28.22	31.46	31.62	31.37	32.60	33.05	32.23	33.67	33.50	29.97	27.06
23798	2.17	1.18	1.19	1.11	1.06	1.06	1.08	1.21	1.45	1.77	1.57	1.54	1.48	1.48	1.90	2.03	1.84	1.80	1.94	2.07	2.03	2.05	1.73	1.38
	0.46	0.22	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.27	0.09	0.15	0.00	0.00	0.00	0.00	0.06	0.00	0.04	0.05	0.66	0.99	0.39
ADK S GLENS___FALLS	32.96	20.94	22.03	20.24	20.60	20.26	19.69	21.63	24.16	29.22	28.41	27.15	27.01	28.04	31.20	31.33	31.11	32.35	32.79	31.97	33.44	33.28	29.78	26.89
24028	1.93	1.04	1.07	1.00	0.96	0.98	0.99	1.11	1.32	1.62	1.41	1.39	1.35	1.31	1.65	1.74	1.58	1.55	1.69	1.81	1.80	1.84	1.55	1.22
	0.46	0.23	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.20	0.28	0.09	0.15	0.00	0.00	0.00	0.00	0.06	0.00	0.04	0.05	0.67	1.01	0.39
ADK_NYS___DAM	31.86	20.38	21.69	20.01	20.40	20.06	19.49	21.41	23.68	28.45	27.79	26.67	26.49	27.87	30.95	30.85	30.64	31.81	32.18	31.18	32.72	31.98	28.29	26.11
23527	1.28	0.71	0.79	0.77	0.76	0.78	0.79	0.89	0.84	1.05	1.07	0.99	0.96	1.14	1.40	1.26	1.11	1.07	1.08	1.06	1.13	1.20	1.05	0.83
	0.92	0.45	0.12	0.00	0.00	0.00	0.00	0.00	0.00	0.40	0.55	0.18	0.30	0.00	0.00	0.00	0.00	0.11	0.00	0.07	0.09	1.34	2.00	0.77
AIR_PRODUCTS___DRP	31.49	20.09	21.10	19.39	19.79	19.45	18.87	20.75	23.07	27.92	27.37	26.13	26.05	27.16	30.07	30.02	29.94	31.19	31.50	30.56	32.01	31.87	28.62	25.83
24190	0.39	0.16	0.13	0.15	0.15	0.17	0.18	0.23	0.23	0.29	0.33	0.34	0.36	0.42	0.52	0.43	0.41	0.39	0.40	0.39	0.37	0.33	0.23	0.09
	0.39	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.23	0.08	0.12	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.57	0.85	0.33
AKWESSNE_115KV_BK	31.16	19.92	20.79	18.96	19.34	18.97	18.41	20.22	22.54	27.47	27.03	25.62	25.55	26.43	29.33	29.40	29.28	30.53	30.82	29.95	31.43	31.85	29.03	25.83
355683	-0.34	-0.20	-0.23	-0.28	-0.30	-0.30	-0.28	-0.29	-0.30	-0.33	-0.24	-0.24	-0.26	-0.31	-0.22	-0.19	-0.25	-0.32	-0.28	-0.25	-0.25	-0.26	-0.21	-0.23
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	31.49	20.09	21.10	19.39	19.79	19.45	18.87	20.75	23.07	27.92	27.37	26.13	26.05	27.16	30.07	30.02	29.94	31.19	31.50	30.56	32.01	31.87	28.62	25.83
23571	0.39	0.16	0.13	0.15	0.15	0.17	0.18	0.23	0.23	0.29	0.33	0.34	0.36	0.42	0.52	0.43	0.41	0.39	0.40	0.39	0.37	0.33	0.23	0.09
	0.39	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.23	0.08	0.12	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.57	0.85	0.33
ALBANY___2	31.49	20.09	21.10	19.39	19.79	19.45	18.87	20.75	23.07	27.92	27.37	26.13	26.05	27.16	30.07	30.02	29.94	31.19	31.50	30.56	32.01	31.87	28.62	25.83
23572	0.39	0.16	0.13	0.15	0.15	0.17	0.18	0.23	0.23	0.29	0.33	0.34	0.36	0.42	0.52	0.43	0.41	0.39	0.40	0.39	0.37	0.33	0.23	0.09
	0.39	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.23	0.08	0.12	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.57	0.85	0.33
ALBANY___3	31.49	20.09	21.10	19.39	19.79	19.45	18.87	20.75	23.07	27.92	27.37	26.13	26.05	27.16	30.07	30.02	29.94	31.19	31.50	30.56	32.01	31.87	28.62	25.83
23573	0.39	0.16	0.13	0.15	0.15	0.17	0.18	0.23	0.23	0.29	0.33	0.34	0.36	0.42	0.52	0.43	0.41	0.39	0.40	0.39	0.37	0.33	0.23	0.09
	0.39	0.19	0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.17	0.23	0.08	0.12	0.00	0.00	0.00	0.00	0.05	0.00	0.03	0.04	0.57	0.85	0.33

ALBANY___4 23574	31.49 0.39 0.39	20.09 0.16 0.19	21.10 0.13 0.05	19.39 0.15 0.00	19.79 0.15 0.00	19.45 0.17 0.00	18.87 0.18 0.00	20.75 0.23 0.00	23.07 0.23 0.00	27.92 0.29 0.17	27.37 0.33 0.23	26.13 0.34 0.08	26.05 0.36 0.12	27.16 0.42 0.00	30.07 0.52 0.00	30.02 0.43 0.00	29.94 0.41 0.00	31.19 0.39 0.05	31.50 0.40 0.00	30.56 0.39 0.03	32.01 0.37 0.04	31.87 0.33 0.57	28.62 0.23 0.85	25.83 0.09 0.33
ALBANY___LFGE 323615	31.82 0.74 0.42	20.30 0.38 0.21	21.33 0.37 0.06	19.60 0.36 0.00	20.00 0.36 0.00	19.66 0.38 0.00	19.09 0.39 0.00	20.98 0.47 0.00	23.33 0.49 0.00	28.23 0.62 0.18	27.66 0.65 0.25	26.43 0.65 0.08	26.35 0.67 0.13	27.48 0.75 0.00	30.43 0.88 0.00	30.39 0.80 0.00	30.30 0.77 0.00	31.57 0.77 0.05	31.89 0.79 0.00	30.93 0.77 0.04	32.40 0.76 0.04	32.22 0.73 0.62	28.89 0.57 0.92	26.10 0.40 0.36
ALCOA_PA_115KV_PL-6C 55860	31.35 -0.15 0.00	20.03 -0.09 0.00	20.90 -0.12 0.00	19.05 -0.19 0.00	19.44 -0.19 0.00	19.09 -0.19 0.00	18.52 -0.17 0.00	20.35 -0.17 0.00	22.69 -0.15 0.00	27.66 -0.14 0.00	27.21 -0.05 0.00	25.80 -0.06 0.00	25.73 -0.09 0.00	26.61 -0.12 0.00	29.51 -0.04 0.00	29.56 -0.03 0.00	29.42 -0.10 0.00	30.68 -0.17 0.00	30.97 -0.13 0.00	30.10 -0.10 0.00	31.59 -0.09 0.00	32.02 -0.09 0.00	29.23 -0.01 0.00	26.01 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	31.35 -0.15 0.00	20.03 -0.09 0.00	20.90 -0.12 0.00	19.05 -0.19 0.00	19.44 -0.19 0.00	19.09 -0.19 0.00	18.52 -0.17 0.00	20.35 -0.17 0.00	22.69 -0.15 0.00	27.66 -0.14 0.00	27.21 -0.05 0.00	25.80 -0.06 0.00	25.73 -0.09 0.00	26.61 -0.12 0.00	29.51 -0.04 0.00	29.56 -0.03 0.00	29.42 -0.10 0.00	30.68 -0.17 0.00	30.97 -0.13 0.00	30.10 -0.10 0.00	31.59 -0.09 0.00	32.02 -0.09 0.00	29.23 -0.01 0.00	26.01 -0.05 0.00
ALCOA___DSASP 323711	31.35 -0.15 0.00	20.03 -0.09 0.00	20.90 -0.12 0.00	19.05 -0.19 0.00	19.44 -0.20 0.00	19.09 -0.19 0.00	18.53 -0.17 0.00	20.35 -0.17 0.00	22.69 -0.15 0.00	27.66 -0.14 0.00	27.22 -0.05 0.00	25.80 -0.06 0.00	25.73 -0.09 0.00	26.61 -0.12 0.00	29.51 -0.04 0.00	29.56 -0.03 0.00	29.42 -0.10 0.00	30.68 -0.17 0.00	30.97 -0.13 0.00	30.10 -0.10 0.00	31.59 -0.09 0.00	32.02 -0.09 0.00	29.23 -0.01 0.00	26.01 -0.05 0.00
ALLEGHENY___COGEN 23514	33.21 1.72 0.00	21.26 1.14 0.00	22.45 1.43 0.00	20.60 1.36 0.00	21.03 1.39 0.00	20.57 1.29 0.00	20.00 1.31 0.00	21.94 1.43 0.00	24.45 1.61 0.00	29.47 1.67 0.00	28.41 1.15 0.00	26.73 0.87 0.00	26.66 0.84 0.00	27.45 0.72 0.00	30.33 0.78 0.00	30.64 1.05 0.00	30.77 1.24 0.00	32.23 1.37 0.00	32.68 1.57 0.00	31.82 1.62 0.00	33.71 2.03 0.00	34.28 2.18 0.00	31.41 2.17 0.00	28.31 2.25 0.00
ALTAMONT_115KV_TB 2 55880	32.06 0.85 0.28	20.45 0.46 0.14	21.43 0.45 0.04	19.67 0.43 0.00	20.08 0.45 0.00	19.74 0.46 0.00	19.16 0.46 0.00	21.06 0.54 0.00	23.43 0.59 0.00	28.41 0.73 0.12	27.83 0.73 0.17	26.52 0.71 0.06	26.44 0.71 0.09	27.51 0.78 0.00	30.43 0.88 0.00	30.43 0.84 0.00	30.34 0.81 0.00	31.64 0.82 0.04	31.94 0.84 0.00	31.01 0.83 0.02	32.49 0.83 0.03	32.51 0.81 0.41	29.31 0.68 0.61	26.35 0.53 0.24
ALTONA_WT_PWR 323606	32.27 0.77 0.00	20.47 0.35 0.00	21.42 0.40 0.00	19.32 0.09 0.00	19.63 0.00 0.00	19.05 -0.23 0.00	18.53 -0.16 0.00	20.56 0.04 0.00	23.26 0.42 0.00	28.57 0.77 0.00	28.10 0.83 0.00	26.66 0.80 0.00	26.58 0.76 0.00	27.63 0.89 0.00	30.70 1.15 0.00	30.77 1.18 0.00	30.61 1.08 0.00	31.94 1.09 0.00	32.27 1.16 0.00	31.40 1.21 0.00	32.85 1.16 0.00	33.24 1.13 0.00	30.20 0.96 0.00	26.80 0.73 0.00
AMERICAN_REF_FUEL 24010	31.02 -0.48 0.00	19.95 -0.17 0.00	21.14 0.12 0.00	19.40 0.16 0.00	19.84 0.21 0.00	19.47 0.19 0.00	18.88 0.18 0.00	20.54 0.02 0.00	22.79 -0.05 0.00	27.43 -0.37 0.00	26.50 -0.77 0.00	24.91 -0.95 0.00	24.94 -0.87 0.00	25.80 -0.93 0.00	28.13 -1.42 0.00	28.30 -1.29 0.00	28.36 -1.17 0.00	29.69 -1.17 0.00	29.79 -1.31 0.00	28.83 -1.37 0.00	30.62 -1.07 0.00	31.36 -0.74 0.00	29.16 -0.08 0.00	26.78 0.72 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.21 0.71 0.00	20.64 0.52 0.00	21.84 0.82 0.00	20.02 0.78 0.00	20.45 0.82 0.00	20.05 0.77 0.00	19.47 0.78 0.00	21.38 0.87 0.00	23.83 0.99 0.00	28.80 1.00 0.00	27.75 0.48 0.00	26.09 0.23 0.00	26.21 0.39 0.00	27.20 0.47 0.00	29.71 0.16 0.00	29.83 0.24 0.00	29.85 0.32 0.00	31.38 0.52 0.00	31.53 0.43 0.00	30.45 0.25 0.00	32.27 0.59 0.00	33.05 0.94 0.00	30.47 1.23 0.00	27.67 1.61 0.00
ARTHUR_KILL_GT_1 23520	34.05 2.18 -0.37	21.54 1.24 -0.18	22.25 1.18 -0.05	20.35 1.11 0.00	20.73 1.09 0.00	20.33 1.05 0.00	19.81 1.12 0.00	21.82 1.31 0.00	24.38 1.54 0.00	29.87 1.91 -0.16	29.43 1.94 -0.22	27.78 1.84 -0.07	27.79 1.85 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.49 1.90 0.00	31.43 1.90 0.00	32.87 1.97 -0.05	33.06 1.96 0.00	32.27 1.88 -0.20	33.78 1.85 -0.24	34.52 1.88 -0.54	31.72 1.68 -0.80	27.76 1.39 -0.31
ARTHUR_KILL_2 23512	33.93 2.07 -0.37	21.47 1.17 -0.18	22.18 1.11 -0.05	20.29 1.05 0.00	20.67 1.03 0.00	20.27 0.99 0.00	19.76 1.06 0.00	21.76 1.24 0.00	24.31 1.47 0.00	29.78 1.82 -0.16	29.34 1.85 -0.22	27.69 1.76 -0.07	27.70 1.76 -0.12	28.51 1.78 0.00	31.38 1.83 0.00	31.39 1.80 0.00	31.33 1.81 0.00	32.75 1.85 -0.05	32.94 1.83 0.00	32.16 1.76 -0.20	33.65 1.72 -0.24	34.39 1.75 -0.54	31.61 1.57 -0.80	27.67 1.29 -0.31
ARTHUR_KILL_3 23513	33.80 1.93 -0.37	21.42 1.12 -0.18	22.10 1.03 -0.05	20.20 0.97 0.00	20.59 0.96 0.00	20.23 0.96 0.00	19.72 1.03 0.00	21.73 1.22 0.00	24.28 1.44 0.00	29.73 1.77 -0.16	29.26 1.77 -0.22	27.63 1.69 -0.07	27.64 1.70 -0.12	28.48 1.74 0.00	31.32 1.77 0.00	31.33 1.73 0.00	31.28 1.75 0.00	32.67 1.78 -0.05	32.86 1.76 0.00	32.03 1.68 -0.16	33.52 1.64 -0.19	34.28 1.64 -0.54	31.51 1.47 -0.80	27.60 1.22 -0.31
ARTHUR_KILL_COGEN 323718	34.05 2.18 -0.37	21.54 1.24 -0.18	22.25 1.18 -0.05	20.35 1.11 0.00	20.73 1.09 0.00	20.33 1.05 0.00	19.81 1.12 0.00	21.82 1.31 0.00	24.38 1.54 0.00	29.87 1.91 -0.16	29.43 1.94 -0.22	27.78 1.84 -0.07	27.79 1.85 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.49 1.90 0.00	31.43 1.90 0.00	32.87 1.97 -0.05	33.06 1.96 0.00	32.27 1.88 -0.20	33.78 1.85 -0.24	34.52 1.88 -0.54	31.72 1.68 -0.80	27.76 1.39 -0.31
ASHOKAN____ 23654	32.94 1.45 0.00	20.93 0.81 0.00	21.61 0.58 0.00	19.75 0.51 0.00	20.17 0.54 0.00	19.93 0.65 0.00	19.37 0.68 0.00	21.35 0.84 0.00	23.82 0.98 0.00	29.19 1.39 0.00	28.73 1.46 0.00	27.09 1.23 0.00	27.28 1.47 0.00	28.08 1.35 0.00	31.21 1.66 0.00	31.13 1.54 0.00	30.98 1.45 0.00	32.39 1.53 0.00	32.76 1.65 0.00	31.89 1.70 0.00	33.34 1.66 0.00	33.82 1.71 0.00	30.70 1.46 0.00	27.10 1.04 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.88 2.02 -0.37	21.46 1.17 -0.18	22.16 1.09 -0.05	20.27 1.04 0.00	20.66 1.03 0.00	20.25 0.97 0.00	19.75 1.06 0.00	21.72 1.20 0.00	24.25 1.42 0.00	29.73 1.78 -0.16	29.29 1.80 -0.22	27.69 1.76 -0.07	27.68 1.74 -0.12	28.48 1.75 0.00	31.31 1.76 0.00	31.33 1.74 0.00	31.33 1.80 0.00	32.69 1.79 -0.05	32.86 1.75 0.00	31.92 1.69 -0.03	33.39 1.67 -0.04	34.27 1.62 -0.54	31.53 1.49 -0.80	27.65 1.27 -0.31
ASTORIA_EAST_ENERGY_CC2 323582	33.88 2.02 -0.37	21.46 1.17 -0.18	22.16 1.09 -0.05	20.27 1.04 0.00	20.66 1.03 0.00	20.25 0.97 0.00	19.75 1.06 0.00	21.72 1.20 0.00	24.25 1.42 0.00	29.73 1.78 -0.16	29.29 1.80 -0.22	27.69 1.76 -0.07	27.68 1.74 -0.12	28.48 1.75 0.00	31.31 1.76 0.00	31.33 1.74 0.00	31.33 1.80 0.00	32.69 1.79 -0.05	32.86 1.75 0.00	31.92 1.69 -0.03	33.39 1.67 -0.04	34.27 1.62 -0.54	31.53 1.49 -0.80	27.65 1.27 -0.31
ASTORIA_GT2_1 24094	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98 0.00	19.76 1.06 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.70 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.35 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.94 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.51 -0.80	27.66 1.29 -0.31
ASTORIA_GT2_2 24095	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98 0.00	19.76 1.06 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.70 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.35 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.94 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.51 -0.80	27.66 1.29 -0.31
ASTORIA_GT2_3 24096	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98 0.00	19.76 1.06 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.70 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.35 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.94 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.51 -0.80	27.66 1.29 -0.31
ASTORIA_GT2_4 24097	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98 0.00	19.76 1.06 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.70 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.35 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.94 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.51 -0.80	27.66 1.29 -0.31
ASTORIA_GT3_1 24098	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98 0.00	19.76 1.06 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.70 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.35 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.94 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.51 -0.80	27.66 1.29 -0.31
ASTORIA_GT3_2 24099	33.90 2.03 -0.37	21.47 1.18 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.25 0.98																		

ASTORIA_GT_10 24110	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.84 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA_GT_11 24225	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.84 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA_GT_12 24226	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.84 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA_GT_13 24227	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.84 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA_GT_5 24106	33.98 2.11 -0.37	21.52 1.22 -0.18	22.22 1.14 -0.05	20.32 1.08 0.00	20.72 1.08 0.00	20.30 1.02 0.00	19.80 1.11 0.00	21.78 1.26 0.00	24.32 1.48 0.00	29.82 1.85 -0.16	29.37 1.88 -0.22	27.76 1.83 -0.07	27.75 1.82 -0.12	28.56 1.82 0.00	31.39 1.84 0.00	31.42 1.83 0.00	31.42 1.89 0.00	32.78 1.89 -0.05	32.95 1.84 0.00	32.01 1.78 -0.03	33.48 1.76 -0.04	34.37 1.72 -0.54	31.62 1.57 -0.80	27.72 1.35 -0.31
ASTORIA_GT_7 24107	33.98 2.11 -0.37	21.52 1.22 -0.18	22.22 1.14 -0.05	20.32 1.08 0.00	20.72 1.08 0.00	20.30 1.02 0.00	19.80 1.11 0.00	21.78 1.26 0.00	24.32 1.48 0.00	29.82 1.85 -0.16	29.37 1.88 -0.22	27.76 1.83 -0.07	27.75 1.82 -0.12	28.56 1.82 0.00	31.39 1.84 0.00	31.42 1.83 0.00	31.42 1.89 0.00	32.78 1.89 -0.05	32.95 1.84 0.00	32.01 1.78 -0.03	33.48 1.76 -0.04	34.37 1.72 -0.54	31.62 1.57 -0.80	27.72 1.35 -0.31
ASTORIA_GT_8 24108	33.97 2.10 -0.37	21.52 1.22 -0.18	22.22 1.15 -0.05	20.33 1.09 0.00	20.72 1.08 0.00	20.30 1.02 0.00	19.80 1.10 0.00	21.78 1.26 0.00	24.32 1.48 0.00	29.82 1.86 -0.16	29.37 1.88 -0.22	27.76 1.83 -0.07	27.75 1.82 -0.12	28.56 1.82 0.00	31.39 1.84 0.00	31.42 1.83 0.00	31.42 1.89 0.00	32.78 1.89 -0.05	32.95 1.85 0.00	32.01 1.79 -0.03	33.48 1.76 -0.04	34.36 1.72 -0.54	31.62 1.57 -0.80	27.72 1.35 -0.31
ASTORIA___2 24149	33.90 2.04 -0.37	21.47 1.17 -0.18	22.17 1.10 -0.05	20.28 1.04 0.00	20.68 1.04 0.00	20.26 0.98 0.00	19.76 1.07 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.76 1.80 -0.16	29.31 1.82 -0.22	27.71 1.78 -0.07	27.70 1.76 -0.12	28.49 1.76 0.00	31.32 1.77 0.00	31.36 1.76 0.00	31.34 1.81 0.00	32.71 1.82 -0.05	32.88 1.77 0.00	31.93 1.71 -0.03	33.40 1.68 -0.04	34.29 1.64 -0.54	31.55 1.50 -0.80	27.66 1.28 -0.31
ASTORIA___3 23516	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.83 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA___4 23517	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.84 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
ASTORIA___5 23518	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.83 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.36 -0.31
AST_ENERGY_2_CC3 323677	33.90 2.03 -0.37	21.47 1.17 -0.18	22.18 1.11 -0.05	20.27 1.03 0.00	20.65 1.02 0.00	20.28 1.00 0.00	19.76 1.07 0.00	21.77 1.26 0.00	24.33 1.49 0.00	29.78 1.82 -0.16	29.32 1.83 -0.22	27.69 1.76 -0.07	27.70 1.76 -0.12	28.52 1.79 0.00	31.37 1.82 0.00	31.40 1.81 0.00	31.37 1.84 0.00	32.74 1.85 -0.05	32.93 1.82 0.00	31.98 1.75 -0.03	33.45 1.73 -0.04	34.37 1.73 -0.54	31.61 1.56 -0.80	27.68 1.31 -0.31
AST_ENERGY_2_CC4 323678	33.90 2.03 -0.37	21.47 1.17 -0.18	22.18 1.11 -0.05	20.27 1.03 0.00	20.65 1.02 0.00	20.28 1.00 0.00	19.76 1.07 0.00	21.77 1.26 0.00	24.33 1.49 0.00	29.78 1.82 -0.16	29.32 1.83 -0.22	27.69 1.76 -0.07	27.70 1.76 -0.12	28.52 1.79 0.00	31.37 1.82 0.00	31.40 1.81 0.00	31.37 1.84 0.00	32.74 1.85 -0.05	32.93 1.82 0.00	31.98 1.75 -0.03	33.45 1.73 -0.04	34.37 1.73 -0.54	31.61 1.56 -0.80	27.68 1.31 -0.31
ATHENS_STG_1 23668	32.64 1.03 -0.11	20.75 0.57 -0.05	21.58 0.55 -0.02	19.77 0.53 0.00	20.19 0.55 0.00	19.83 0.55 0.00	19.26 0.57 0.00	21.18 0.67 0.00	23.59 0.75 0.00	28.76 0.91 -0.05	28.26 0.92 -0.07	26.78 0.90 -0.02	26.76 0.90 -0.04	27.68 0.95 0.00	30.57 1.02 0.00	30.56 0.97 0.00	30.49 0.96 0.00	31.85 0.99 -0.01	32.09 0.98 0.00	31.16 0.95 -0.01	32.64 0.94 -0.01	33.20 0.93 -0.16	30.29 0.80 -0.24	26.80 0.64 -0.09
ATHENS_STG_2 23670	32.64 1.03 -0.11	20.75 0.57 -0.05	21.58 0.55 -0.02	19.77 0.53 0.00	20.19 0.55 0.00	19.83 0.55 0.00	19.26 0.57 0.00	21.18 0.67 0.00	23.59 0.75 0.00	28.76 0.91 -0.05	28.26 0.92 -0.07	26.78 0.90 -0.02	26.76 0.90 -0.04	27.68 0.95 0.00	30.57 1.02 0.00	30.56 0.97 0.00	30.49 0.96 0.00	31.85 0.99 -0.01	32.09 0.98 0.00	31.16 0.95 -0.01	32.64 0.94 -0.01	33.20 0.93 -0.16	30.29 0.80 -0.24	26.80 0.64 -0.09

ATHENS_STG_3 23677	32.64 1.03 -0.11	20.75 0.57 -0.05	21.58 0.55 -0.02	19.77 0.53 0.00	20.19 0.55 0.00	19.83 0.55 0.00	19.26 0.57 0.00	21.18 0.67 0.00	23.59 0.75 0.00	28.76 0.91 -0.05	28.26 0.92 -0.07	26.78 0.90 -0.02	26.76 0.90 -0.04	27.68 0.95 0.00	30.57 1.02 0.00	30.56 0.97 0.00	30.49 0.96 0.00	31.85 0.99 -0.01	32.09 0.98 0.00	31.16 0.95 -0.01	32.64 0.94 -0.01	33.20 0.93 -0.16	30.29 0.80 -0.24	26.80 0.64 -0.09
AUBURN____LFGE 323710	32.08 0.58 0.00	20.46 0.34 0.00	21.61 0.58 0.00	19.81 0.57 0.00	20.24 0.61 0.00	19.68 0.40 0.00	19.14 0.45 0.00	20.97 0.46 0.00	23.46 0.53 -0.10	29.94 0.53 -1.62	27.74 0.45 -0.03	26.29 0.44 0.00	27.49 0.44 -1.24	28.60 0.48 -1.39	31.68 0.47 -1.66	31.97 0.51 -1.87	31.96 0.57 -1.86	33.50 0.54 -2.10	33.87 0.62 -2.15	32.84 0.64 -2.00	34.65 0.69 -2.27	35.14 0.70 -2.33	31.60 0.52 -1.84	27.40 0.66 -0.68
BABYLON_RES_REC 323704	34.44 2.58 -0.37	21.87 1.57 -0.18	22.56 1.49 -0.05	20.59 1.35 0.00	20.98 1.34 0.00	20.56 1.28 0.00	20.04 1.34 0.00	22.02 1.51 0.00	24.66 1.82 0.00	30.30 2.34 -0.16	31.34 2.41 -1.66	31.73 2.42 -3.45	38.05 2.28 -9.95	29.08 1.93 -0.42	31.58 1.77 -0.26	31.28 1.68 0.00	31.20 1.68 0.00	32.57 1.67 -0.05	32.97 1.86 0.00	32.13 1.91 -0.03	33.53 1.80 -0.04	34.73 2.09 -0.54	31.93 1.89 -0.80	28.15 1.78 -0.31
BABYLON__69_KV_BK2 356345	34.93 3.06 -0.37	22.19 1.89 -0.18	22.85 1.78 -0.05	20.85 1.61 0.00	21.23 1.60 0.00	20.83 1.54 0.00	20.30 1.60 0.00	22.31 1.79 0.00	25.01 2.17 0.00	30.76 2.80 -0.16	34.47 2.88 -4.33	36.78 2.88 -8.04	55.73 2.89 -27.01	30.62 2.56 -1.33	32.84 2.46 -0.82	31.92 2.32 0.00	31.87 2.34 0.00	33.36 2.46 -0.05	33.66 2.55 0.00	32.81 2.58 -0.03	34.21 2.49 -0.04	35.19 2.55 -0.54	32.36 2.32 -0.80	28.53 2.15 -0.31
BALL_HILL_WT_PWR 323825	31.78 0.28 0.00	20.39 0.27 0.00	21.57 0.55 0.00	19.77 0.53 0.00	20.20 0.57 0.00	19.81 0.53 0.00	19.24 0.54 0.00	21.10 0.59 0.00	23.50 0.66 0.00	28.36 0.56 0.00	27.34 0.07 0.00	25.70 -0.16 0.00	25.79 -0.03 0.00	26.76 0.02 0.00	29.25 -0.31 0.00	29.40 -0.20 0.00	29.42 -0.11 0.00	30.89 0.04 0.00	31.01 -0.09 0.00	29.95 -0.25 0.00	31.73 0.05 0.00	32.51 0.40 0.00	30.00 0.76 0.00	27.27 1.21 0.00
BARON_WINDS____WT_PWR 323822	31.93 0.43 0.00	20.47 0.35 0.00	21.52 0.50 0.00	19.71 0.47 0.00	20.12 0.49 0.00	19.75 0.47 0.00	19.18 0.49 0.00	21.06 0.54 0.00	23.48 0.62 -0.02	28.77 0.60 -0.36	27.54 0.26 -0.01	25.98 0.12 0.00	26.31 0.21 -0.27	27.28 0.23 -0.31	29.96 0.03 -0.37	30.17 0.16 -0.42	30.17 0.22 -0.42	31.71 0.38 -0.47	31.84 0.25 -0.48	30.80 0.16 -0.45	32.54 0.34 -0.51	33.23 0.60 -0.52	30.41 0.76 -0.41	27.17 0.95 -0.15
BARRETT_IC_1 23704	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_10 23701	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_11 23702	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_12 23703	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_2 23705	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_3 23706	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_4 23707	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_5 23708	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_6 23709	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31

BARRETT_IC_7 23710	33.94 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.38 1.09 0.00	19.84 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.52 2.03 -0.22	29.21 2.02 -1.33	28.92 1.94 -1.16	28.47 1.74 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.15 1.62 0.00	32.61 1.71 -0.05	32.85 1.75 0.00	31.96 1.73 -0.03	33.33 1.61 -0.04	34.38 1.74 -0.54	31.70 1.65 -0.80	27.88 1.51 -0.31
BARRETT_IC_8 23711	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT_IC_9 23700	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT___1 23545	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BARRETT___2 23546	33.93 2.07 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.35 1.11 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.83 1.32 0.00	24.38 1.54 0.00	29.84 1.88 -0.16	29.53 2.03 -0.22	29.21 2.02 -1.33	28.91 1.93 -1.16	28.48 1.75 0.00	31.25 1.70 0.00	31.23 1.63 0.00	31.14 1.62 0.00	32.61 1.71 -0.05	32.85 1.74 0.00	31.96 1.73 -0.03	33.32 1.61 -0.04	34.38 1.74 -0.54	31.69 1.64 -0.81	27.88 1.51 -0.31
BATAVIA___115KV_TB1 55881	32.30 0.80 0.00	20.73 0.61 0.00	21.90 0.88 0.00	20.09 0.85 0.00	20.53 0.90 0.00	20.15 0.88 0.00	19.57 0.88 0.00	21.35 0.84 0.00	23.77 0.93 0.00	28.68 0.88 0.00	27.74 0.47 0.00	26.14 0.28 0.00	26.12 0.30 0.00	27.01 0.28 0.00	29.62 0.07 0.00	29.79 0.20 0.00	29.80 0.27 0.00	31.36 0.51 0.00	31.50 0.40 0.00	30.56 0.36 0.00	32.40 0.71 0.00	33.07 0.96 0.00	30.51 1.27 0.00	27.78 1.72 0.00
BAYONEEC___CTG1 323682	33.93 2.06 -0.37	21.49 1.19 -0.18	22.19 1.12 -0.05	20.28 1.05 0.00	20.67 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.35 1.51 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.42 1.83 0.00	31.40 1.87 0.00	32.76 1.87 -0.05	32.94 1.84 0.00	31.99 1.77 -0.03	33.47 1.74 -0.04	34.39 1.75 -0.54	31.63 1.59 -0.80	27.71 1.33 -0.31
BAYONEEC___CTG10 323750	33.93 2.06 -0.37	21.49 1.19 -0.18	22.19 1.12 -0.05	20.28 1.05 0.00	20.67 1.04 0.00	20.30 1.02 0.00	19																	

BAYONEEC___CTG9 323749	33.93 2.06 -0.37	21.49 1.19 -0.18	22.19 1.12 -0.05	20.28 1.05 0.00	20.67 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.35 1.51 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.42 1.83 0.00	31.40 1.87 0.00	32.76 1.87 -0.05	32.94 1.84 0.00	31.99 1.77 -0.03	33.47 1.74 -0.04	34.39 1.75 -0.54	31.63 1.59 -0.80	27.71 1.33 -0.31
BEACON___LESR 323632	31.98 0.90 0.41	20.39 0.47 0.20	21.37 0.41 0.06	19.63 0.39 0.00	20.05 0.41 0.00	19.72 0.44 0.00	19.17 0.48 0.00	21.11 0.60 0.00	23.49 0.65 0.00	28.41 0.78 0.18	27.81 0.78 0.25	26.54 0.76 0.08	26.34 0.65 0.13	27.48 0.75 0.00	30.47 0.92 0.00	30.40 0.80 0.00	30.37 0.85 0.00	31.79 0.99 0.05	32.14 1.03 0.00	31.16 0.99 0.03	32.67 1.03 0.04	32.45 0.94 0.60	29.07 0.72 0.90	26.23 0.51 0.35
BEAVER RIVER___HYD 24048	32.01 0.51 0.00	20.43 0.31 0.00	21.30 0.28 0.00	19.47 0.22 0.00	19.85 0.22 0.00	19.54 0.25 0.00	18.92 0.23 0.00	20.84 0.33 0.00	23.35 0.46 -0.05	29.33 0.63 -0.89	27.92 0.64 -0.02	26.45 0.59 0.00	27.05 0.56 -0.66	28.05 0.57 -0.75	31.00 0.55 -0.89	31.14 0.55 -1.00	31.08 0.55 -1.00	32.67 0.68 -1.13	33.01 0.75 -1.15	32.04 0.76 -1.07	33.68 0.78 -1.22	34.09 0.73 -1.25	30.91 0.68 -0.98	26.99 0.57 -0.36
BEEBEE_GT_13 23619	32.11 0.61 0.00	20.58 0.46 0.00	21.70 0.68 0.00	19.90 0.66 0.00	20.33 0.70 0.00	19.94 0.65 0.00	19.34 0.65 0.00	21.17 0.66 0.00	23.57 0.73 0.00	28.53 0.73 0.00	27.73 0.46 0.00	26.19 0.33 0.00	26.21 0.40 0.00	27.12 0.39 0.00	29.74 0.19 0.00	29.84 0.25 0.00	29.94 0.41 0.00	31.32 0.47 0.00	31.51 0.40 0.00	30.53 0.33 0.00	32.25 0.57 0.00	32.85 0.74 0.00	30.19 0.95 0.00	27.29 1.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	34.44 2.57 -0.37	21.78 1.48 -0.18	22.49 1.42 -0.05	20.55 1.31 0.00	20.94 1.30 0.00	20.55 1.27 0.00	20.02 1.33 0.00	22.06 1.55 0.00	24.65 1.81 0.00	30.22 2.27 -0.16	29.78 2.29 -0.22	28.10 2.17 -0.07	28.12 2.18 -0.12	28.95 2.22 0.00	31.85 2.30 0.00	31.88 2.29 0.00	31.82 2.29 0.00	33.25 2.35 -0.05	33.44 2.33 0.00	32.66 2.26 -0.20	34.20 2.27 -0.24	34.91 2.27 -0.54	32.08 2.04 -0.80	28.07 1.69 -0.31
BETHLEHEM___GRP 23843	31.49 0.39 0.39	20.09 0.16 0.19	21.10 0.13 0.05	19.39 0.15 0.00	19.79 0.15 0.00	19.45 0.17 0.00	18.87 0.18 0.00	20.75 0.23 0.00	23.07 0.23 0.00	27.92 0.29 0.17	27.37 0.33 0.23	26.13 0.34 0.08	26.05 0.36 0.12	27.16 0.42 0.00	30.07 0.52 0.00	30.02 0.43 0.00	29.94 0.41 0.00	31.19 0.39 0.05	31.50 0.40 0.00	30.56 0.39 0.03	32.01 0.37 0.04	31.87 0.33 0.57	28.62 0.23 0.85	25.83 0.09 0.33
BETHLEHEM___GS1 323560	31.49 0.39 0.39	20.09 0.16 0.19	21.10 0.13 0.05	19.39 0.15 0.00	19.78 0.15 0.00	19.45 0.16 0.00	18.87 0.18 0.00	20.75 0.23 0.00	23.07 0.23 0.00	27.92 0.29 0.17	27.37 0.33 0.23	26.13 0.34 0.08	26.05 0.36 0.12	27.16 0.42 0.00	30.07 0.52 0.00	30.02 0.43 0.00	29.94 0.41 0.00	31.19 0.38 0.05	31.50 0.39 0.00	30.56 0.39 0.03	32.02 0.37 0.04	31.87 0.33 0.57	28.62 0.23 0.85	25.83 0.10 0.33
BETHLEHEM___GS2 323561	31.49 0.39 0.39	20.09 0.16 0.19	21.10 0.13 0.05	19.39 0.15 0.00	19.78 0.15 0.00	19.45 0.16 0.00	18.87 0.18 0.00	20.75 0.23 0.00	23.07 0.23 0.00	27.92 0.29 0.17	27.37 0.33 0.23	26.13 0.34 0.08	26.05 0.36 0.12	27.16 0.42 0.00	30.07 0.52 0.00	30.02 0.43 0.00	29.94 0.41 0.00	31.19 0.38 0.05	31.50 0.39 0.00	30.56 0.39 0.03	32.02 0.37 0.04	31.87 0.33 0.57	28.62 0.23 0.85	25.83 0.10 0.33
BETHLEHEM___GS3 323562	31.49 0.39 0.39	20.09 0.16 0.19	21.10 0.13 0.05	19.39 0.15 0.00	19.78 0.15 0.00	19.45 0.16 0.00	18.87 0.18 0.00	20.75 0.23 0.00	23.07 0.23 0.00	27.92 0.29 0.17	27.37 0.33 0.23	26.13 0.34 0.08	26.05 0.36 0.12	27.16 0.42 0.00	30.07 0.52 0.00	30.02 0.43 0.00	29.94 0.41 0.00	31.19 0.38 0.05	31.50 0.39 0.00	30.56 0.39 0.03	32.02 0.37 0.04	31.87 0.33 0.57	28.62 0.23 0.85	25.83 0.10 0.33
BETHLEHEM___STEEL 23779	31.75 0.25 0.00	20.39 0.27 0.00	21.57 0.55 0.00	19.78 0.54 0.00	20.22 0.59 0.00	19.83 0.55 0.00	19.25 0.55 0.00	21.06 0.55 0.00	23.44 0.60 0.00	28.27 0.47 0.00	27.30 0.03 0.00	25.66 -0.20 0.00	25.73 -0.09 0.00	26.67 -0.06 0.00	29.13 -0.43 0.00	29.29 -0.30 0.00	29.37 -0.16 0.00	30.76 -0.09 0.00	30.86 -0.24 0.00	29.83 -0.36 0.00	31.65 -0.04 0.00	32.40 0.29 0.00	29.97 0.73 0.00	27.31 1.24 0.00
BETHLHEM_115KV_TB1 79974	31.60 0.48 0.37	20.16 0.22 0.18	21.17 0.20 0.05	19.45 0.20 0.00	19.85 0.21 0.00	19.51 0.22 0.00	18.93 0.24 0.00	20.81 0.30 0.00	23.14 0.30 0.00	28.03 0.40 0.16	27.48 0.43 0.22	26.22 0.43 0.07	26.14 0.44 0.12	27.24 0.51 0.00	30.16 0.61 0.00	30.11 0.52 0.00	30.03 0.50 0.00	31.29 0.48 0.05	31.59 0.49 0.00	30.66 0.49 0.03	32.12 0.47 0.04	32.01 0.44 0.54	28.76 0.33 0.81	25.93 0.18 0.31
BETHPAGE_CC_5 323564	34.21 2.34 -0.37	21.71 1.41 -0.18	22.38 1.31 -0.05	20.43 1.20 0.00	20.82 1.18 0.00	20.43 1.15 0.00	19.91 1.22 0.00	21.89 1.38 0.00	24.51 1.67 0.00	30.12 2.16 -0.16	30.39 2.27 -0.85	30.01 2.25 -1.90	32.65 2.21 -4.63	28.77 1.93 -0.11	31.46 1.84 -0.07	31.38 1.79 0.00	31.32 1.79 0.00	32.78 1.88 -0.05	33.05 1.95 0.00	32.17 1.94 -0.03	33.51 1.79 -0.04	34.50 1.86 -0.54	31.72 1.68 -0.80	27.96 1.59 -0.31
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	31.81 0.32 0.00	20.42 0.30 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.61 0.00	19.86 0.58 0.00	19.27 0.58 0.00	21.10 0.59 0.00	23.49 0.65 0.00	28.33 0.54 0.00	27.36 0.09 0.00	25.73 -0.13 0.00	25.80 -0.02 0.00	26.75 0.02 0.00	29.22 -0.33 0.00	29.39 -0.20 0.00	29.47 -0.06 0.00	30.86 0.01 0.00	30.97 -0.13 0.00	29.93 -0.27 0.00	31.75 0.06 0.00	32.49 0.39 0.00	30.04 0.80 0.00	27.36 1.29 0.00
BINGHAMTON___COGEN 23790	31.94 0.45 0.00	20.41 0.29 0.00	21.35 0.33 0.00	19.54 0.30 0.00	19.94 0.31 0.00	19.60 0.32 0.00	19.02 0.32 0.00	20.89 0.38 0.00	23.32 0.44 -0.04	28.98 0.48 -0.70	27.62 0.34 -0.01	26.15 0.29 0.00	26.70 0.35 -0.53	27.71 0.38 -0.60	30.58 0.31 -0.72	30.74 0.34 -0.81	30.74 0.40 -0.80	32.30 0.54 -0.91	32.51 0.48 -0.93	31.47 0.40 -0.86	33.13 0.46 -0.98	33.66 0.55 -1.01	30.56 0.53 -0.79	26.89 0.54 -0.29
BIXINCNT_115KV_LOAD 355685	32.08 0.58 0.00	20.57 0.44 0.00	21.71 0.69 0.00	19.91 0.67 0.00	20.35 0.71 0.00	19.98 0.69 0.00	19.40 0.71 0.00	21.30 0.79 0.00	23.74 0.90 0.00	28.68 0.88 0.00	27.65 0.38 0.00	25.95 0.09 0.00	26.02 0.20 0.00	27.01 0.27 0.00	29.54 -0.01 0.00	29.66 0.07 0.00	29.74 0.20 0.00	31.18 0.33 0.00	31.26 0.15 0.00	30.19 0.00 0.00	32.01 0.33 0.00	32.81 0.70 0.00	30.26 1.02 0.00	27.46 1.40 0.00

BLACK RIVER___HYD 24047	32.38 0.88 0.00	20.68 0.56 0.00	21.55 0.53 0.00	19.70 0.46 0.00	20.09 0.45 0.00	19.79 0.51 0.00	19.16 0.46 0.00	21.10 0.58 0.00	23.68 0.76 -0.09	30.27 0.98 -1.49	28.26 0.96 -0.03	26.77 0.91 0.00	27.82 0.88 -1.12	28.87 0.88 -1.26	31.93 0.87 -1.51	32.16 0.87 -1.70	32.16 0.94 -1.69	33.91 1.14 -1.91	34.29 1.23 -1.95	33.23 1.22 -1.81	35.01 1.26 -2.06	35.42 1.20 -2.12	31.96 1.06 -1.67	27.55 0.88 -0.61
BLACKRVR_115KV_TB2 79977	32.38 0.88 0.00	20.68 0.56 0.00	21.55 0.53 0.00	19.70 0.46 0.00	20.09 0.45 0.00	19.79 0.51 0.00	19.16 0.46 0.00	21.10 0.58 0.00	23.68 0.76 -0.09	30.27 0.98 -1.49	28.26 0.96 -0.03	26.77 0.91 0.00	27.82 0.88 -1.12	28.87 0.88 -1.26	31.93 0.87 -1.51	32.16 0.87 -1.70	32.16 0.94 -1.69	33.91 1.14 -1.91	34.29 1.23 -1.95	33.23 1.22 -1.81	35.01 1.26 -2.06	35.42 1.20 -2.12	31.96 1.06 -1.67	27.55 0.88 -0.61
BLISS_WT_PWR 323608	32.09 0.59 0.00	20.58 0.45 0.00	21.74 0.71 0.00	19.93 0.70 0.00	20.37 0.73 0.00	19.99 0.71 0.00	19.40 0.71 0.00	21.31 0.79 0.00	23.75 0.91 0.00	28.70 0.91 0.00	27.67 0.41 0.00	25.97 0.11 0.00	26.04 0.23 0.00	27.03 0.30 0.00	29.57 0.02 0.00	29.68 0.09 0.00	29.76 0.23 0.00	31.21 0.36 0.00	31.28 0.18 0.00	30.22 0.03 0.00	32.03 0.35 0.00	32.84 0.73 0.00	30.28 1.04 0.00	27.48 1.42 0.00
BLUESTONE___WT_PWR 323821	33.30 1.80 0.00	21.24 1.12 0.00	22.17 1.14 0.00	20.26 1.02 0.00	20.68 1.04 0.00	20.32 1.04 0.00	19.73 1.03 0.00	21.75 1.23 0.00	24.34 1.46 -0.04	30.21 1.79 -0.62	28.93 1.65 -0.01	27.41 1.55 0.00	27.92 1.62 -0.48	28.93 1.67 -0.54	31.93 1.74 -0.64	32.09 1.78 -0.72	32.17 1.92 -0.72	33.89 2.22 -0.81	34.19 2.26 -0.83	33.17 2.20 -0.77	34.86 2.29 -0.88	35.22 2.21 -0.90	31.83 1.88 -0.71	27.99 1.67 -0.26
BLUE_CIRC_CHEM_DRP 24182	32.09 0.87 0.28	20.48 0.49 0.13	21.49 0.50 0.04	19.71 0.47 0.00	20.14 0.50 0.00	19.79 0.51 0.00	19.20 0.51 0.00	21.11 0.59 0.00	23.46 0.62 0.00	28.44 0.77 0.12	27.87 0.77 0.17	26.54 0.74 0.06	26.49 0.76 0.09	27.56 0.83 0.00	30.55 1.00 0.00	30.50 0.91 0.00	30.39 0.86 0.00	31.68 0.86 0.03	31.98 0.88 0.00	31.04 0.87 0.02	32.53 0.88 0.03	32.56 0.86 0.40	29.36 0.72 0.60	26.39 0.56 0.23
BOC_GAS_DRP 24189	31.92 0.70 0.27	20.37 0.38 0.13	21.34 0.36 0.04	19.60 0.36 0.00	20.01 0.37 0.00	19.66 0.38 0.00	19.08 0.38 0.00	20.97 0.45 0.00	23.32 0.49 0.00	28.29 0.61 0.12	27.73 0.62 0.16	26.41 0.61 0.05	26.34 0.61 0.09	27.40 0.67 0.00	30.31 0.75 0.00	30.28 0.69 0.00	30.21 0.68 0.00	31.49 0.67 0.03	31.78 0.68 0.00	30.83 0.66 0.02	32.31 0.65 0.03	32.35 0.64 0.39	29.18 0.53 0.59	26.23 0.40 0.23
BOONVILLE_115KV_TB1 79983	32.27 0.77 0.00	20.58 0.46 0.00	21.44 0.42 0.00	19.62 0.38 0.00	20.02 0.38 0.00	19.72 0.44 0.00	19.11 0.41 0.00	21.02 0.50 0.00	23.49 0.63 -0.03	29.08 0.82 -0.46	28.07 0.79 -0.01	26.59 0.73 0.00	26.86 0.72 -0.32	27.83 0.74 -0.35	30.74 0.77 -0.42	30.86 0.79 -0.48	30.83 0.82 -0.48	32.35 0.96 -0.54	32.65 0.99 -0.55	31.68 0.97 -0.51	33.27 1.00 -0.58	33.67 0.96 -0.60	30.55 0.84 -0.47	26.95 0.72 -0.17
BORALEX_4TH_BRANCH 23824	31.86 1.28 0.92	20.38 0.71 0.45	21.69 0.79 0.12	20.01 0.77 0.00	20.40 0.76 0.00	20.06 0.78 0.00	19.49 0.79 0.00	21.41 0.89 0.00	23.68 0.84 0.00	28.45 1.05 0.40	27.79 1.07 0.55	26.67 0.99 0.18	26.49 0.96 0.30	27.87 1.14 0.00	30.95 1.40 0.00	30.85 1.26 0.00	30.64 1.11 0.00	31.81 1.07 0.11	32.18 1.08 0.00	31.18 1.06 0.07	32.72 1.13 0.09	31.98 1.20 1.34	28.29 1.05 2.00	26.11 0.83 0.77
BOWLINE___1 23526	33.41 1.57 -0.34	21.17 0.88 -0.17	21.89 0.82 -0.05	20.01 0.77 0.00	20.41 0.77 0.00	20.06 0.77 0.00	19.53 0.83 0.00	21.52 1.00 0.00	24.01 1.18 0.00	29.41 1.46 -0.15	28.94 1.46 -0.20	27.35 1.42 -0.07	27.36 1.43 -0.11	28.20 1.47 0.00	31.06 1.51 0.00	31.06 1.48 0.00	31.02 1.49 0.00	32.46 1.57 -0.04	32.68 1.57 0.00	31.72 1.50 -0.03	33.20 1.48 -0.03	34.07 1.47 -0.49	31.27 1.29 -0.74	27.41 1.06 -0.29
BOWLINE___2 23595	33.41 1.57 -0.34	21.17 0.88 -0.17	21.89 0.82 -0.05	20.01 0.77 0.00	20.41 0.78 0.00	20.06 0.77 0.00	19.53 0.83 0.00	21.52 1.00 0.00	24.02 1.18 0.00	29.41 1.46 -0.15	28.94 1.46 -0.20	27.35 1.42 -0.07	27.36 1.43 -0.11	28.20 1.47 0.00	31.06 1.51 0.00	31.06 1.48 0.00	31.02 1.49 0.00	32.46 1.57 -0.04	32.68 1.57 0.00	31.72 1.50 -0.03	33.20 1.48 -0.03	34.07 1.47 -0.49	31.27 1.29 -0.74	27.41 1.06 -0.29
BRADY___115KV_TB2 356060	31.61 0.11 0.00	20.19 0.07 0.00	21.05 0.03 0.00	19.17 -0.08 0.00	19.57 -0.06 0.00	19.23 -0.05 0.00	18.67 -0.02 0.00	20.53 0.02 0.00	22.91 0.07 0.00	27.93 0.13 0.00	27.50 0.23 0.00	26.06 0.20 0.00	26.00 0.18 0.00	26.88 0.15 0.00	29.76 0.21 0.00	29.79 0.20 0.00	29.66 0.13 0.00	30.95 0.09 0.00	31.25 0.15 0.00	30.38 0.18 0.00	31.89 0.21 0.00	32.31 0.21 0.00	29.52 0.28 0.00	26.28 0.21 0.00
BRANSCOMB___SOLAR 323811	32.59 1.60 0.51	20.76 0.88 0.25	21.86 0.91 0.07	20.10 0.86 0.00	20.49 0.85 0.00	20.14 0.86 0.00	19.56 0.87 0.00	21.50 0.98 0.00	23.94 1.11 0.00	28.93 1.35 0.22	28.21 1.24 0.30	26.96 1.20 0.10	26.85 1.19 0.16	27.98 1.25 0.00	31.07 1.52 0.00	31.10 1.51 0.00	30.95 1.42 0.00	32.21 1.42 0.06	32.61 1.50 0.00	31.71 1.55 0.04	33.19 1.55 0.05	32.94 1.57 0.73	29.48 1.33 1.10	26.69 1.05 0.43
BRENTWOD_69_KV_W. BRTWOOD 56703	34.64 2.78 -0.37	22.03 1.73 -0.18	22.71 1.63 -0.05	20.72 1.48 0.00	21.12 1.48 0.00	20.70 1.42 0.00	20.16 1.47 0.00	22.16 1.64 0.00	24.83 1.99 0.00	30.49 2.53 -0.16	34.71 2.60 -4.84	36.58 2.59 -8.14	62.22 2.62 -33.78	30.33 2.25 -1.35	32.47 2.08 -0.84	31.48 1.89 0.00	31.41 1.89 0.00	32.88 1.99 -0.05	33.18 2.08 0.00	32.42 2.19 -0.03	33.82 2.10 -0.04	34.78 2.14 -0.54	32.07 2.02 -0.80	28.29 1.92 -0.31
BRISTLHL_115KV_TB1 79998	31.20 -0.30 0.00	20.01 -0.11 0.00	20.90 -0.12 0.00	19.16 -0.08 0.00	19.54 -0.09 0.00	19.22 -0.06 0.00	18.61 -0.09 0.00	20.36 -0.15 0.00	22.80 -0.23 -0.19	30.72 -0.29 -3.21	26.95 -0.38 -0.06	25.49 -0.37 0.00	27.93 -0.35 -2.46	29.14 -0.36 -2.77	32.39 -0.48 -3.31	32.84 -0.47 -3.72	32.81 -0.42 -3.70	34.66 -0.39 -4.19	34.97 -0.41 -4.27	33.76 -0.41 -3.97	35.81 -0.40 -4.52	36.35 -0.39 -4.64	32.57 -0.32 -3.65	27.22 -0.19 -1.35
BROOKHAVEN___DRP 24191	34.72 2.86 -0.37	22.09 1.79 -0.18	22.83 1.76 -0.05	20.82 1.58 0.00	21.21 1.58 0.00	20.75 1.47 0.00	20.24 1.55 0.00	22.24 1.72 0.00	24.91 2.07 0.00	30.60 2.64 -0.16	50.05 2.75 -20.03	62.38 2.75 -33.77	141.89 2.78 -113.28	35.68 2.54 -6.41	36.07 2.53 -3.99	31.89 2.29 0.00	31.83 2.30 0.00	33.35 2.45 -0.05	33.60 2.50 0.00	32.71 2.48 -0.03	34.02 2.30 -0.04	34.96 2.31 -0.54	32.14 2.10 -0.80	28.34 1.97 -0.31



BROOKLYN_NAVY_YARD 23515	33.95 2.09 -0.37	21.50 1.20 -0.18	22.20 1.13 -0.05	20.27 1.03 0.00	20.65 1.02 0.00	20.27 0.99 0.00	19.75 1.05 0.00	21.76 1.25 0.00	24.31 1.47 0.00	29.76 1.81 -0.16	29.28 1.79 -0.22	27.65 1.72 -0.07	27.67 1.73 -0.12	28.51 1.78 0.00	31.34 1.79 0.00	31.37 1.78 0.00	31.34 1.81 0.00	32.73 1.83 -0.05	32.91 1.81 0.00	31.97 1.74 -0.03	33.45 1.73 -0.04	34.37 1.73 -0.54	31.62 1.57 -0.80	27.67 1.30 -0.31
BROOKLYN___ARMY_DRP 323595	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.41 1.18 0.00	20.80 1.17 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.92 1.40 0.00	24.49 1.65 0.00	30.01 2.05 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.50 -0.31
BROOKVLE_69_KV_TB1 55790	34.31 2.44 -0.37	21.74 1.44 -0.18	22.41 1.34 -0.05	20.46 1.22 0.00	20.85 1.22 0.00	20.49 1.21 0.00	19.96 1.27 0.00	21.97 1.46 0.00	24.57 1.74 0.00	30.14 2.18 -0.16	29.70 2.21 -0.22	29.36 2.18 -1.33	29.12 2.14 -1.16	28.76 2.03 0.00	31.58 2.03 0.00	31.62 2.02 0.00	31.56 2.03 0.00	33.03 2.14 -0.05	33.26 2.15 0.00	32.33 2.11 -0.03	33.73 2.02 -0.04	34.68 2.04 -0.54	31.84 1.80 -0.80	28.05 1.68 -0.31
BROOME_2_LFGE 323671	31.94 0.45 0.00	20.41 0.29 0.00	21.35 0.33 0.00	19.54 0.30 0.00	19.94 0.31 0.00	19.60 0.32 0.00	19.02 0.32 0.00	20.89 0.38 0.00	23.32 0.44 -0.04	28.98 0.48 -0.70	27.62 0.34 -0.01	26.15 0.29 0.00	26.70 0.35 -0.53	27.71 0.38 -0.60	30.58 0.31 -0.72	30.74 0.34 -0.81	30.74 0.40 -0.80	32.30 0.54 -0.91	32.51 0.48 -0.93	31.47 0.40 -0.86	33.13 0.46 -0.98	33.66 0.55 -1.01	30.56 0.52 -0.79	26.89 0.54 -0.29
BROOME___LFGE 323600	31.94 0.45 0.00	20.41 0.29 0.00	21.35 0.33 0.00	19.54 0.30 0.00	19.94 0.31 0.00	19.60 0.32 0.00	19.02 0.32 0.00	20.89 0.38 0.00	23.32 0.44 -0.04	28.98 0.48 -0.70	27.62 0.34 -0.01	26.15 0.29 0.00	26.70 0.35 -0.53	27.71 0.38 -0.60	30.58 0.31 -0.72	30.74 0.34 -0.81	30.74 0.40 -0.80	32.30 0.54 -0.91	32.51 0.48 -0.93	31.47 0.40 -0.86	33.13 0.46 -0.98	33.66 0.55 -1.01	30.56 0.52 -0.79	26.89 0.54 -0.29
BROWNFLS_115KV_TB_3_5 80003	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.15 -0.04	28.69 0.27 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.11 -0.78	32.08 0.18 -0.79	31.14 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
BROWNSV1_27_KV_LOAD 356125	34.39 2.53 -0.37	21.77 1.47 -0.18	22.48 1.41 -0.05	20.54 1.30 0.00	20.92 1.29 0.00	20.54 1.26 0.00	20.01 1.31 0.00	22.05 1.53 0.00	24.63 1.80 0.00	30.19 2.23 -0.16	29.72 2.23 -0.22	28.07 2.14 -0.07	28.08 2.14 -0.12	28.93 2.20 0.00	31.82 2.26 0.00	31.85 2.26 0.00	31.84 2.31 0.00	33.24 2.34 -0.05	33.42 2.31 0.00	32.47 2.25 -0.03	33.98 2.26 -0.04	34.91 2.27 -0.54	32.08 2.03 -0.80	28.09 1.72 -0.31
BURROWS___LYONSDAL 23803	32.22 0.73 0.00	20.56 0.44 0.00	21.42 0.40 0.00	19.59 0.36 0.00	19.99 0.35 0.00	19.69 0.41 0.00	19.07 0.38 0.00	20.99 0.48 0.00	23.47 0.60 -0.03	29.14 0.80 -0.54	28.05 0.78 -0.01	26.57 0.72 0.00	26.90 0.70 -0.38	27.89 0.72 -0.43	30.81 0.74 -0.52	30.93 0.76 -0.58	30.89 0.78 -0.58	32.43 0.92 -0.66	32.73 0.96 -0.67	31.77 0.94 -0.62	33.36 0.97 -0.71	33.76 0.93 -0.73	30.64 0.82 -0.57	26.97 0.70 -0.21
CAITHNESS_CC_1 323624	34.56 2.69 -0.37	22.00 1.70 -0.18	22.73 1.66 -0.05	20.73 1.49 0.00	21.12 1.49 0.00	20.67 1.39 0.00	20.15 1.46 0.00	22.14 1.62 0.00	24.79 1.96 0.00	30.45 2.49 -0.16	49.97 2.61 -20.09	62.04 2.60 -33.58	141.70 2.62 -113.26	35.49 2.38 -6.37	35.87 2.35 -3.97	31.73 2.14 0.00	31.67 2.14 0.00	33.16 2.27 -0.05	33.42 2.32 0.00	32.54 2.31 -0.03	33.84 2.11 -0.04	34.79 2.15 -0.54	31.98 1.94 -0.80	28.22 1.85 -0.31
CALPINE BETH_PAGE_GT4 24209	34.20 2.33 -0.37	21.68 1.38 -0.18	22.35 1.28 -0.05	20.41 1.17 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.88 1.36 0.00	24.49 1.65 0.00	30.09 2.13 -0.16	30.18 2.22 -0.69	29.84 2.22 -1.75	31.75 2.20 -3.74	28.75 1.94 -0.08	31.47 1.86 -0.05	31.41 1.82 0.00	31.36 1.83 0.00	32.82 1.92 -0.05	33.08 1.98 0.00	32.20 1.97 -0.03	33.55 1.83 -0.04	34.52 1.88 -0.54	31.73 1.69 -0.80	27.94 1.57 -0.31
CALPINE_BETH_PAGE_GT_4 323586	34.18 2.32 -0.37	21.69 1.38 -0.18	22.35 1.28 -0.05	20.41 1.17 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.90 1.20 0.00	21.88 1.36 0.00	24.49 1.65 0.00	30.08 2.12 -0.16	30.18 2.22 -0.69	29.84 2.22 -1.75	31.74 2.19 -3.74	28.76 1.94 -0.08	31.47 1.86 -0.05	31.42 1.83 0.00	31.36 1.83 0.00	32.82 1.92 -0.05	33.08 1.98 0.00	32.19 1.97 -0.03	33.54 1.82 -0.04	34.51 1.87 -0.54	31.72 1.67 -0.80	27.94 1.57 -0.31
CALPINE_BP_GT1 23823	34.18 2.32 -0.37	21.69 1.38 -0.18	22.35 1.28 -0.05	20.41 1.17 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.90 1.20 0.00	21.88 1.36 0.00	24.49 1.65 0.00	30.08 2.12 -0.16	30.18 2.22 -0.69	29.84 2.22 -1.75	31.74 2.19 -3.74	28.76 1.94 -0.08	31.47 1.86 -0.05	31.42 1.83 0.00	31.36 1.83 0.00	32.82 1.92 -0.05	33.08 1.98 0.00	32.19 1.97 -0.03	33.54 1.82 -0.04	34.51 1.87 -0.54	31.72 1.67 -0.80	27.94 1.57 -0.31
CALSPAN___DRP 24200	31.75 0.25 0.00	20.39 0.27 0.00	21.57 0.55 0.00	19.78 0.54 0.00	20.22 0.59 0.00	19.83 0.55 0.00	19.25 0.55 0.00	21.06 0.55 0.00	23.44 0.60 0.00	28.27 0.47 0.00	27.30 0.03 0.00	25.66 -0.20 0.00	25.73 -0.09 0.00	26.67 -0.06 0.00	29.13 -0.43 0.00	29.29 -0.30 0.00	29.37 -0.16 0.00	30.76 -0.09 0.00	30.86 -0.24 0.00	29.83 -0.36 0.00	31.65 -0.04 0.00	32.40 0.29 0.00	29.97 0.73 0.00	27.31 1.24 0.00
CALVERTON___SOLAR 323806	34.91 3.05 -0.37	22.21 1.91 -0.18	22.96 1.89 -0.05	20.94 1.71 0.00	21.34 1.70 0.00	20.86 1.58 0.00	20.34 1.65 0.00	22.35 1.84 0.00	25.05 2.21 0.00	30.78 2.82 -0.16	50.21 2.93 -20.01	62.64 2.93 -33.86	142.13 2.97 -113.34	35.91 2.75 -6.43	36.32 2.77 -4.00	32.09 2.50 0.00	32.05 2.52 0.00	33.57 2.67 -0.05	33.82 2.72 0.00	32.92 2.70 -0.03	34.23 2.51 -0.04	35.16 2.52 -0.54	32.30 2.26 -0.80	28.52 2.14 -0.31
CANDIGU_WT_PWR 323617	31.93 0.43 0.00	20.47 0.35 0.00	21.52 0.50 0.00	19.71 0.47 0.00	20.12 0.49 0.00	19.75 0.47 0.00	19.18 0.49 0.00	21.06 0.54 0.00	23.48 0.62 -0.02	28.77 0.60 -0.36	27.54 0.26 -0.01	25.98 0.12 0.00	26.31 0.21 -0.27	27.28 0.23 -0.31	29.96 0.03 -0.37	30.17 0.16 -0.42	30.17 0.22 -0.42	31.71 0.38 -0.47	31.84 0.25 -0.48	30.80 0.16 -0.45	32.54 0.34 -0.51	33.23 0.60 -0.52	30.41 0.76 -0.41	27.17 0.95 -0.15

CARR STREET_E_SYR 24060	31.39 -0.10 0.00	20.11 -0.01 0.00	21.03 0.00 0.00	19.27 0.03 0.00	19.66 0.02 0.00	19.32 0.04 0.00	18.72 0.03 0.00	20.50 -0.01 0.00	22.87 -0.02 -0.06	28.70 -0.06 -0.96	27.16 -0.13 -0.02	25.72 -0.14 0.00	26.38 -0.17 -0.73	27.39 -0.17 -0.82	30.26 -0.28 -0.98	30.38 -0.31 -1.11	30.36 -0.28 -1.10	31.87 -0.23 -1.25	32.12 -0.26 -1.27	31.12 -0.26 -1.18	32.79 -0.24 -1.35	33.25 -0.24 -1.38	30.19 -0.14 -1.09	26.52 0.05 -0.40
CARTHAGE___PAPER 23857	32.36 0.86 0.00	20.65 0.53 0.00	21.52 0.49 0.00	19.65 0.41 0.00	20.05 0.41 0.00	19.74 0.46 0.00	19.12 0.43 0.00	21.07 0.55 0.00	23.63 0.72 -0.07	30.01 0.95 -1.26	28.24 0.95 -0.02	26.75 0.89 0.00	27.63 0.87 -0.95	28.66 0.87 -1.06	31.70 0.88 -1.27	31.89 0.88 -1.43	31.86 0.91 -1.42	33.55 1.09 -1.61	33.93 1.18 -1.64	32.91 1.18 -1.53	34.64 1.21 -1.74	35.04 1.15 -1.78	31.67 1.03 -1.40	27.43 0.85 -0.52
CASSADAGA_WT_PWR 323784	32.44 0.95 0.00	20.79 0.67 0.00	21.96 0.94 0.00	20.11 0.88 0.00	20.56 0.92 0.00	20.17 0.89 0.00	19.60 0.90 0.00	21.54 1.02 0.00	24.02 1.19 0.00	29.05 1.25 0.00	27.99 0.72 0.00	26.31 0.45 0.00	26.44 0.62 0.00	27.44 0.71 0.00	29.97 0.42 0.00	30.06 0.47 0.00	30.09 0.56 0.00	31.64 0.79 0.00	31.79 0.68 0.00	30.71 0.51 0.00	32.55 0.87 0.00	33.33 1.22 0.00	30.70 1.46 0.00	27.84 1.78 0.00
CE_DUNWOOD___DRP 24194	33.70 1.83 -0.37	21.34 1.04 -0.18	22.05 0.98 -0.05	20.16 0.92 0.00	20.55 0.91 0.00	20.18 0.90 0.00	19.65 0.96 0.00	21.66 1.14 0.00	24.18 1.33 0.00	29.62 1.66 -0.16	29.15 1.66 -0.22	27.54 1.61 -0.07	27.54 1.61 -0.12	28.38 1.65 0.00	31.24 1.69 0.00	31.26 1.67 0.00	31.21 1.68 0.00	32.63 1.74 -0.05	32.83 1.73 0.00	31.89 1.66 -0.03	33.36 1.64 -0.04	34.28 1.64 -0.53	31.49 1.45 -0.80	27.58 1.21 -0.31
CE_MILLWOOD___DRP 24193	33.60 1.74 -0.36	21.29 0.99 -0.18	22.00 0.93 -0.05	20.12 0.88 0.00	20.50 0.87 0.00	20.14 0.86 0.00	19.61 0.92 0.00	21.60 1.09 0.00	24.12 1.28 0.00	29.54 1.58 -0.16	29.07 1.58 -0.22	27.47 1.54 -0.07	27.49 1.55 -0.12	28.31 1.58 0.00	31.18 1.63 0.00	31.19 1.60 0.00	31.14 1.61 0.00	32.57 1.67 -0.05	32.77 1.66 0.00	31.82 1.59 -0.03	33.30 1.58 -0.04	34.21 1.57 -0.53	31.42 1.39 -0.79	27.53 1.16 -0.31
CE_NYC2_DRP 24202	34.03 2.16 -0.37	21.54 1.24 -0.18	22.24 1.17 -0.05	20.33 1.09 0.00	20.72 1.08 0.00	20.34 1.05 0.00	19.82 1.12 0.00	21.83 1.31 0.00	24.39 1.55 0.00	29.88 1.92 -0.16	29.43 1.93 -0.22	27.79 1.86 -0.07	27.80 1.86 -0.12	28.63 1.89 0.00	31.47 1.92 0.00	31.49 1.90 0.00	31.44 1.91 0.00	32.83 1.93 -0.05	33.01 1.91 0.00	32.07 1.85 -0.03	33.57 1.85 -0.04	34.48 1.84 -0.54	31.69 1.65 -0.80	27.77 1.40 -0.31
CE_NYC_DRP 24195	33.99 2.12 -0.37	21.52 1.22 -0.18	22.23 1.16 -0.05	20.31 1.07 0.00	20.69 1.06 0.00	20.32 1.04 0.00	19.80 1.10 0.00	21.82 1.30 0.00	24.37 1.53 0.00	29.85 1.90 -0.16	29.38 1.89 -0.22	27.73 1.80 -0.07	27.74 1.81 -0.12	28.58 1.85 0.00	31.44 1.89 0.00	31.48 1.89 0.00	31.45 1.92 0.00	32.83 1.94 -0.05	33.01 1.91 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.47 1.82 -0.54	31.68 1.63 -0.80	27.74 1.37 -0.31
CHAFFEE___LFGE 323603	31.68 0.18 0.00	20.33 0.21 0.00	21.52 0.50 0.00	19.74 0.50 0.00	20.17 0.54 0.00	19.77 0.49 0.00	19.19 0.50 0.00	21.01 0.49 0.00	23.38 0.54 0.00	28.23 0.43 0.00	27.25 -0.02 0.00	25.63 -0.23 0.00	25.70 -0.11 0.00	26.65 -0.08 0.00	29.10 -0.45 0.00	29.28 -0.31 0.00	29.37 -0.16 0.00	30.78 -0.08 0.00	30.88 -0.22 0.00	29.86 -0.34 0.00	31.66 -0.02 0.00	32.39 0.28 0.00	29.94 0.70 0.00	27.25 1.19 0.00
CHATEAUG_35_KV_LOAD 355732	32.11 0.62 0.00	20.39 0.27 0.00	21.32 0.30 0.00	19.21 -0.03 0.00	19.52 -0.12 0.00	18.94 -0.34 0.00	18.44 -0.25 0.00	20.45 -0.06 0.00	23.17 0.33 0.00	28.43 0.63 0.00	27.96 0.69 0.00	26.52 0.66 0.00	26.44 0.62 0.00	27.44 0.71 0.00	30.49 0.94 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.90 0.00	32.08 0.97 0.00	31.21 1.01 0.00	32.66 0.98 0.00	33.05 0.95 0.00	30.04 0.80 0.00	26.67 0.60 0.00
CHATEAUG_WT_PWR 323614	32.10 0.60 0.00	20.37 0.25 0.00	21.31 0.28 0.00	19.21 -0.04 0.00	19.50 -0.13 0.00	18.93 -0.35 0.00	18.43 -0.26 0.00	20.44 -0.07 0.00	23.15 0.31 0.00	28.41 0.61 0.00	27.94 0.67 0.00	26.51 0.65 0.00	26.43 0.62 0.00	27.45 0.72 0.00	30.51 0.95 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.89 0.00	32.07 0.96 0.00	31.19 0.99 0.00	32.64 0.95 0.00	33.03 0.93 0.00	30.03 0.79 0.00	26.66 0.60 0.00
CHAT_HIGH_FALL_HYD 323578	32.11 0.62 0.00	20.39 0.27 0.00	21.32 0.30 0.00	19.21 -0.03 0.00	19.52 -0.12 0.00	18.94 -0.34 0.00	18.44 -0.26 0.00	20.45 -0.06 0.00	23.17 0.33 0.00	28.43 0.63 0.00	27.96 0.69 0.00	26.52 0.66 0.00	26.44 0.62 0.00	27.44 0.71 0.00	30.49 0.94 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.90 0.00	32.08 0.98 0.00	31.21 1.01 0.00	32.66 0.98 0.00	33.05 0.95 0.00	30.05 0.81 0.00	26.67 0.60 0.00
CHAUTAUQUA___LFGE 323629	32.04 0.54 0.00	20.54 0.42 0.00	21.74 0.72 0.00	19.91 0.68 0.00	20.35 0.72 0.00	19.95 0.67 0.00	19.38 0.69 0.00	21.28 0.76 0.00	23.70 0.86 0.00	28.61 0.81 0.00	27.57 0.30 0.00	25.92 0.07 0.00	26.04 0.22 0.00	27.02 0.29 0.00	29.53 -0.02 0.00	29.67 0.08 0.00	29.69 0.16 0.00	31.20 0.34 0.00	31.34 0.24 0.00	30.27 0.07 0.00	32.08 0.39 0.00	32.85 0.74 0.00	30.29 1.05 0.00	27.52 1.45 0.00
CHERRYST_13_KV_LD 356241	34.10 2.23 -0.37	21.59 1.29 -0.18	22.30 1.23 -0.05	20.38 1.14 0.00	20.76 1.12 0.00	20.39 1.11 0.00	19.86 1.17 0.00	21.89 1.37 0.00	24.45 1.62 0.00	29.96 2.00 -0.16	29.48 1.99 -0.22	27.83 1.90 -0.07	27.84 1.90 -0.12	28.68 1.95 0.00	31.55 2.00 0.00	31.59 2.00 0.00	31.57 2.05 0.00	32.96 2.06 -0.05	33.13 2.03 0.00	32.17 1.95 -0.03	33.66 1.93 -0.04	34.59 1.94 -0.54	31.78 1.74 -0.80	27.83 1.46 -0.31
CHESTROR_138KV_BK263 355645	33.17 1.38 -0.30	21.04 0.77 -0.15	21.78 0.72 -0.04	19.93 0.69 0.00	20.33 0.69 0.00	19.96 0.68 0.00	19.43 0.73 0.00	21.40 0.88 0.00	23.87 1.03 0.00	29.20 1.27 -0.13	28.72 1.27 -0.18	27.17 1.25 -0.06	27.18 1.26 -0.10	28.02 1.29 0.00	30.88 1.33 0.00	30.89 1.30 0.00	30.86 1.33 0.00	32.29 1.40 -0.04	32.50 1.40 0.00	31.57 1.35 -0.02	33.05 1.33 -0.03	33.87 1.33 -0.44	31.04 1.14 -0.66	27.26 0.94 -0.25
CH_MIDHUDSON___DRP 24192	33.41 1.67 -0.25	21.18 0.94 -0.12	21.95 0.89 -0.03	20.10 0.86 0.00	20.49 0.86 0.00	20.13 0.85 0.00	19.59 0.90 0.00	21.57 1.06 0.00	24.06 1.23 0.00	29.41 1.50 -0.11	28.93 1.51 -0.15	27.39 1.48 -0.05	27.39 1.49 -0.08	28.28 1.54 0.00	31.16 1.61 0.00	31.17 1.58 0.00	31.13 1.60 0.00	32.54 1.66 -0.03	32.77 1.66 0.00	31.81 1.60 -0.02	33.30 1.60 -0.03	34.03 1.57 -0.36	31.14 1.36 -0.53	27.39 1.12 -0.21

CH_MISC_IPPS 23765	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.89 -0.03	34.35 1.85 -0.40	31.44 1.61 -0.60	27.62 1.33 -0.23
CH_RES_BVR_FALLS 23983	31.22 -0.27 0.00	19.95 -0.17 0.00	20.85 -0.17 0.00	19.03 -0.20 0.00	19.42 -0.21 0.00	19.06 -0.22 0.00	18.48 -0.21 0.00	20.29 -0.22 0.00	22.61 -0.23 0.00	27.55 -0.26 0.00	27.07 -0.20 0.00	25.65 -0.21 0.00	25.59 -0.23 0.00	26.48 -0.25 0.00	29.36 -0.19 0.00	29.41 -0.18 0.00	29.31 -0.22 0.00	30.60 -0.25 0.00	30.86 -0.24 0.00	29.99 -0.21 0.00	31.46 -0.22 0.00	31.88 -0.22 0.00	29.05 -0.19 0.00	25.86 -0.20 0.00
CH_RES_NIAGARA 23895	30.96 -0.53 0.00	20.00 -0.12 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.96 0.13 0.00	27.64 -0.16 0.00	26.56 -0.72 0.00	24.94 -0.92 0.00	24.98 -0.84 0.00	25.82 -0.91 0.00	28.15 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.14 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.82 -1.38 0.00	30.60 -1.08 0.00	31.37 -0.74 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
CH_RES_SYRACUSE 23985	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.11 -0.10	29.68 0.12 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.12 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
CLINTON_WT_PWR 323605	32.10 0.60 0.00	20.37 0.25 0.00	21.31 0.28 0.00	19.21 -0.04 0.00	19.50 -0.13 0.00	18.93 -0.35 0.00	18.43 -0.26 0.00	20.44 -0.07 0.00	23.15 0.31 0.00	28.41 0.61 0.00	27.94 0.67 0.00	26.51 0.65 0.00	26.43 0.62 0.00	27.45 0.72 0.00	30.51 0.95 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.89 0.00	32.07 0.96 0.00	31.19 0.99 0.00	32.64 0.95 0.00	33.03 0.93 0.00	30.03 0.79 0.00	26.66 0.60 0.00
CLINTON__LFGE 323618	32.50 1.00 0.00	20.61 0.49 0.00	21.55 0.53 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.18 -0.11 0.00	18.67 -0.03 0.00	20.72 0.20 0.00	23.44 0.60 0.00	28.79 0.99 0.00	28.32 1.05 0.00	26.88 1.02 0.00	26.80 0.98 0.00	27.87 1.13 0.00	30.97 1.42 0.00	31.04 1.45 0.00	30.90 1.36 0.00	32.25 1.39 0.00	32.58 1.48 0.00	31.71 1.51 0.00	33.15 1.46 0.00	33.52 1.41 0.00	30.42 1.18 0.00	26.98 0.92 0.00
COBBLENY_34_KV_TB1 80064	31.68 0.18 0.00	20.33 0.21 0.00	21.52 0.50 0.00	19.74 0.50 0.00	20.17 0.54 0.00	19.77 0.49 0.00	19.19 0.50 0.00	21.01 0.49 0.00	23.38 0.54 0.00	28.22 0.42 0.00	27.25 -0.02 0.00	25.63 -0.23 0.00	25.69 -0.12 0.00	26.65 -0.08 0.00	29.10 -0.45 0.00	29.29 -0.30 0.00	29.37 -0.16 0.00	30.78 -0.07 0.00	30.88 -0.22 0.00	29.85 -0.34 0.00	31.66 -0.03 0.00	32.39 0.28 0.00	29.94 0.70 0.00	27.25 1.19 0.00
COFFEEN__115KV_TB3 355620	32.62 1.12 0.00	20.82 0.70 0.00	21.69 0.66 0.00	19.82 0.58 0.00	20.21 0.57 0.00	19.92 0.64 0.00	19.29 0.59 0.00	21.25 0.74 0.00	23.86 0.94 -0.09	30.52 1.20 -1.52	28.47 1.18 -0.03	26.97 1.12 0.00	28.06 1.09 -1.16	29.11 1.08 -1.30	32.18 1.08 -1.55	32.42 1.08 -1.74	32.45 1.19 -1.74	34.23 1.41 -1.97	34.62 1.52 -2.00	33.56 1.50 -1.87	35.36 1.55 -2.12	35.75 1.47 -2.18	32.24 1.29 -1.71	27.76 1.07 -0.63
COLDSPRG_115KV_BK1 355956	32.62 1.12 0.00	20.89 0.77 0.00	22.03 1.01 0.00	20.18 0.94 0.00	20.62 0.99 0.00	20.25 0.97 0.00	19.68 0.99 0.00	21.67 1.15 0.00	24.17 1.33 0.00	29.24 1.44 0.00	28.17 0.90 0.00	26.43 0.58 0.00	26.55 0.73 0.00	27.57 0.84 0.00	30.15 0.60 0.00	30.24 0.65 0.00	30.30 0.78 0.00	31.85 0.99 0.00	31.97 0.86 0.00	30.86 0.66 0.00	32.70 1.01 0.00	33.49 1.38 0.00	30.80 1.56 0.00	27.88 1.82 0.00
COLONIE_LFGE__ 323577	32.05 1.12 0.58	20.46 0.62 0.28	21.57 0.63 0.08	19.85 0.61 0.00	20.25 0.61 0.00	19.89 0.62 0.00	19.32 0.63 0.00	21.23 0.72 0.00	23.58 0.74 0.00	28.48 0.93 0.25	27.85 0.92 0.35	26.63 0.89 0.11	26.52 0.89 0.18	27.72 0.99 0.00	30.73 1.18 0.00	30.68 1.09 0.00	30.57 1.04 0.00	31.81 1.03 0.07	32.15 1.05 0.00	31.19 1.04 0.05	32.69 1.06 0.06	32.34 1.07 0.84	28.89 0.91 1.26	26.27 0.70 0.49
COOPERNY_115KV_TB1 80082	32.68 1.00 -0.18	20.77 0.56 -0.09	21.58 0.53 -0.02	19.74 0.51 0.00	20.15 0.51 0.00	19.79 0.51 0.00	19.24 0.55 0.00	21.17 0.66 0.00	23.60 0.76 0.00	28.82 0.94 -0.08	28.30 0.92 -0.11	26.81 0.92 -0.04	26.79 0.91 -0.06	27.66 0.93 0.00	30.50 0.94 0.00	30.52 0.93 0.00	30.48 0.95 0.00	31.89 1.02 -0.02	32.12 1.02 0.00	31.19 0.97 -0.01	32.67 0.97 -0.02	33.32 0.96 -0.26	30.46 0.83 -0.39	26.89 0.68 -0.15
COPENHAGEN_WT_PWR 323753	32.26 0.76 0.00	20.61 0.49 0.00	21.49 0.47 0.00	19.64 0.40 0.00	20.03 0.39 0.00	19.72 0.44 0.00	19.08 0.38 0.00	21.01 0.49 0.00	23.59 0.65 -0.09	30.25 0.85 -1.60	28.13 0.83 -0.03	26.64 0.78 0.00	27.78 0.75 -1.21	28.84 0.75 -1.36	31.90 0.72 -1.63	32.15 0.73 -1.83	32.14 0.79 -1.82	33.89 0.98 -2.06	34.27 1.06 -2.10	33.20 1.05 -1.96	35.00 1.09 -2.23	35.42 1.03 -2.28	31.96 0.92 -1.80	27.50 0.77 -0.66
CORNELL____ 23752	32.31 0.82 0.00	20.65 0.53 0.00	21.58 0.56 0.00	19.76 0.52 0.00	20.17 0.54 0.00	19.82 0.54 0.00	19.23 0.54 0.00	21.12 0.60 0.00	23.60 0.71 -0.06	29.60 0.81 -0.98	27.99 0.70 -0.02	26.50 0.64 0.00	27.25 0.68 -0.75	28.32 0.74 -0.85	31.26 0.70 -1.01	31.46 0.74 -1.14	31.48 0.82 -1.13	33.14 1.00 -1.28	33.42 1.01 -1.31	32.39 0.98 -1.22	34.11 1.05 -1.38	34.57 1.05 -1.42	31.28 0.92 -1.12	27.35 0.87 -0.41
CORONAAV_69_KV_TB1 355595	34.27 2.40 -0.37	21.73 1.43 -0.18	22.41 1.34 -0.05	20.48 1.24 0.00	20.87 1.24 0.00	20.51 1.22 0.00	19.97 1.28 0.00	21.98 1.46 0.00	24.57 1.73 0.00	30.12 2.16 -0.16	29.78 2.29 -0.22	29.42 2.23 -1.33	29.17 2.19 -1.16	28.75 2.03 0.00	31.57 2.02 0.00	31.58 1.99 0.00	31.52 1.99 0.00	33.02 2.12 -0.05	33.25 2.14 0.00	32.34 2.12 -0.03	33.73 2.02 -0.04	34.72 2.08 -0.54	31.91 1.86 -0.80	28.07 1.69 -0.31
CORTLAND_115KV_TB3 80093	32.01 0.51 0.00	20.47 0.34 0.00	21.38 0.36 0.00	19.57 0.34 0.00	19.99 0.35 0.00	19.65 0.37 0.00	19.05 0.35 0.00	20.91 0.40 0.00	23.36 0.46 -0.06	29.35 0.53 -1.02	27.73 0.44 -0.02	26.26 0.40 0.00	27.02 0.43 -0.78	28.06 0.46 -0.87	31.02 0.43 -1.04	31.23 0.47 -1.17	31.21 0.52 -1.17	32.83 0.66 -1.32	33.09 0.63 -1.34	32.05 0.60 -1.25	33.76 0.65 -1.42	34.23 0.66 -1.46	30.99 0.60 -1.15	27.07 0.58 -0.42

COXSACKIE___GT 23611	33.44 2.14 0.20	21.26 1.24 0.10	22.26 1.27 0.03	20.39 1.15 0.00	20.80 1.16 0.00	20.46 1.18 0.00	19.85 1.16 0.00	21.87 1.35 0.00	24.35 1.51 0.00	29.61 1.90 0.09	29.05 1.90 0.12	27.49 1.67 0.04	27.56 1.81 0.06	28.56 1.83 0.00	31.91 2.36 0.00	31.79 2.20 0.00	31.54 2.02 0.00	32.97 2.15 0.03	33.53 2.43 0.00	32.69 2.51 0.02	34.22 2.56 0.02	34.29 2.47 0.29	30.88 2.08 0.43	27.51 1.62 0.17
CPV_VALLEY___CC1 323721	32.87 1.12 -0.26	20.86 0.62 -0.13	21.63 0.57 -0.04	19.79 0.55 0.00	20.18 0.55 0.00	19.83 0.55 0.00	19.30 0.60 0.00	21.24 0.73 0.00	23.68 0.85 0.00	28.96 1.05 -0.11	28.47 1.04 -0.16	26.94 1.03 -0.05	26.94 1.03 -0.08	27.79 1.06 0.00	30.63 1.08 0.00	30.65 1.06 0.00	30.60 1.07 0.00	32.02 1.13 -0.03	32.23 1.13 0.00	31.30 1.08 -0.02	32.78 1.06 -0.03	33.52 1.04 -0.38	30.70 0.90 -0.56	27.01 0.73 -0.22
CPV_VALLEY___CC2 323722	32.87 1.12 -0.26	20.86 0.62 -0.13	21.63 0.57 -0.04	19.79 0.55 0.00	20.18 0.55 0.00	19.83 0.55 0.00	19.30 0.60 0.00	21.24 0.73 0.00	23.68 0.85 0.00	28.96 1.05 -0.11	28.47 1.04 -0.16	26.94 1.03 -0.05	26.94 1.03 -0.08	27.79 1.06 0.00	30.63 1.08 0.00	30.65 1.06 0.00	30.60 1.07 0.00	32.02 1.13 -0.03	32.23 1.13 0.00	31.30 1.08 -0.02	32.78 1.06 -0.03	33.52 1.04 -0.38	30.70 0.90 -0.56	27.01 0.73 -0.22
CRESCENT___HYD 24018	32.05 1.12 0.58	20.46 0.62 0.28	21.57 0.63 0.08	19.85 0.61 0.00	20.25 0.61 0.00	19.89 0.62 0.00	19.32 0.63 0.00	21.23 0.72 0.00	23.58 0.74 0.00	28.48 0.93 0.25	27.85 0.92 0.35	26.63 0.89 0.11	26.52 0.89 0.18	27.72 0.99 0.00	30.73 1.18 0.00	30.68 1.09 0.00	30.57 1.04 0.00	31.81 1.03 0.07	32.15 1.05 0.00	31.19 1.04 0.05	32.69 1.06 0.06	32.34 1.07 0.84	28.89 0.91 1.26	26.27 0.70 0.49
CRICKET___VALLEY_CC1 323756	26.97 1.13 5.66	17.95 0.60 2.76	20.80 0.55 0.77	19.83 0.59 0.00	20.21 0.57 0.00	19.85 0.57 0.00	19.32 0.63 0.00	21.27 0.76 0.00	23.68 0.84 0.00	26.35 0.99 2.44	24.89 1.01 3.39	25.75 0.99 1.11	25.00 0.99 1.81	27.79 1.06 0.00	30.67 1.11 0.00	30.65 1.06 0.00	30.57 1.04 0.00	31.20 1.05 0.70	32.15 1.05 0.00	30.73 0.99 0.46	32.08 0.97 0.57	24.84 0.94 8.21	17.74 0.81 12.30	21.93 0.63 4.77
CRICKET___VALLEY_CC2 323757	26.97 1.13 5.66	17.95 0.60 2.76	20.80 0.55 0.77	19.83 0.59 0.00	20.21 0.57 0.00	19.85 0.57 0.00	19.32 0.63 0.00	21.27 0.76 0.00	23.68 0.84 0.00	26.35 0.99 2.44	24.89 1.01 3.39	25.75 0.99 1.11	25.00 0.99 1.81	27.79 1.06 0.00	30.67 1.11 0.00	30.65 1.06 0.00	30.57 1.04 0.00	31.20 1.05 0.70	32.15 1.05 0.00	30.73 0.99 0.46	32.08 0.97 0.57	24.84 0.94 8.21	17.74 0.81 12.30	21.93 0.63 4.77
CRICKET___VALLEY_CC3 323758	26.97 1.13 5.66	17.95 0.60 2.76	20.80 0.55 0.77	19.83 0.59 0.00	20.21 0.57 0.00	19.85 0.57 0.00	19.32 0.63 0.00	21.27 0.76 0.00	23.68 0.84 0.00	26.35 0.99 2.44	24.89 1.01 3.39	25.75 0.99 1.11	25.00 0.99 1.81	27.79 1.06 0.00	30.67 1.11 0.00	30.65 1.06 0.00	30.57 1.04 0.00	31.20 1.05 0.70	32.15 1.05 0.00	30.73 0.99 0.46	32.08 0.97 0.57	24.84 0.94 8.21	17.74 0.81 12.30	21.93 0.63 4.77
CRUCIBLE_METL_DRP 24180	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
DAHOWA___HYDRO 323763	32.73 1.72 0.49	20.83 0.95 0.24	21.93 0.97 0.07	20.16 0.92 0.00	20.53 0.90 0.00	20.18 0.90 0.00	19.61 0.91 0.00	21.55 1.04 0.00	24.02 1.18 0.00	29.04 1.45 0.21	28.29 1.31 0.29	27.04 1.27 0.09	26.92 1.26 0.16	28.02 1.29 0.00	31.14 1.59 0.00	31.21 1.62 0.00	31.04 1.51 0.00	32.29 1.51 0.06	32.71 1.60 0.00	31.83 1.68 0.04	33.31 1.68 0.05	33.09 1.70 0.71	29.60 1.43 1.06	26.78 1.13 0.41
DANC___LFGE 323619	31.83 0.33 0.00	20.36 0.24 0.00	21.25 0.23 0.00	19.45 0.20 0.00	19.83 0.20 0.00	19.51 0.22 0.00	18.88 0.18 0.00	20.75 0.23 0.00	23.27 0.31 -0.12	30.20 0.41 -1.99	27.68 0.38 -0.04	26.21 0.35 0.00	27.65 0.32 -1.52	28.75 0.31 -1.71	31.83 0.24 -2.04	32.13 0.25 -2.29	32.08 0.27 -2.28	33.84 0.40 -2.58	34.18 0.44 -2.63	33.09 0.44 -2.45	34.95 0.48 -2.79	35.43 0.47 -2.86	31.94 0.45 -2.25	27.30 0.40 -0.83
DANSKAMMER___1 23586	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.89 -0.03	34.35 1.85 -0.40	31.44 1.61 -0.60	27.62 1.33 -0.23
DANSKAMMER___2 23589	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.89 -0.03	34.35 1.85 -0.40	31.44 1.61 -0.60	27.62 1.33 -0.23
DANSKAMMER___3 23590	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.89 -0.03	34.35 1.85 -0.40	31.44 1.61 -0.60	27.62 1.33 -0.23
DANSKAMMER___4 23591	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.89 -0.03	34.35 1.85 -0.40	31.44 1.61 -0.60	27.62 1.33 -0.23
DANSKAMMER___DIESEL 23592	33.67 1.90 -0.27	21.34 1.08 -0.13	22.09 1.03 -0.04	20.21 0.98 0.00	20.61 0.98 0.00	20.25 0.97 0.00	19.71 1.02 0.00	21.71 1.20 0.00	24.23 1.39 0.00	29.64 1.73 -0.12	29.17 1.74 -0.16	27.61 1.70 -0.05	27.61 1.71 -0.09	28.49 1.76 0.00	31.39 1.84 0.00	31.41 1.82 0.00	31.38 1.85 0.00	32.83 1.94 -0.03	33.06 1.95 0.00	32.10 1.88 -0.02	33.60 1.88 -0.03	34.36 1.85 -0.40	31.45 1.61 -0.60	27.62 1.33 -0.23

DARBY___SOLAR 323810	32.61 1.62 0.50	20.76 0.89 0.25	21.87 0.92 0.07	20.11 0.87 0.00	20.49 0.85 0.00	20.14 0.87 0.00	19.56 0.87 0.00	21.50 0.98 0.00	23.95 1.11 0.00	28.93 1.35 0.22	28.19 1.23 0.30	26.95 1.19 0.10	26.83 1.18 0.16	27.95 1.22 0.00	31.05 1.50 0.00	31.09 1.50 0.00	30.94 1.41 0.00	32.20 1.41 0.06	32.59 1.49 0.00	31.71 1.55 0.04	33.19 1.55 0.05	32.95 1.57 0.73	29.48 1.33 1.10	26.69 1.05 0.43
DASHVILLE___HYD 23610	33.12 1.50 -0.12	21.02 0.84 -0.06	21.74 0.71 -0.02	19.91 0.67 0.00	20.32 0.69 0.00	19.99 0.70 0.00	19.46 0.77 0.00	21.43 0.92 0.00	23.92 1.09 0.00	29.24 1.39 -0.05	28.78 1.44 -0.07	27.23 1.35 -0.02	27.27 1.41 -0.04	28.11 1.38 0.00	30.93 1.38 0.00	30.95 1.36 0.00	30.93 1.40 0.00	32.33 1.46 -0.02	32.57 1.46 0.00	31.62 1.41 -0.01	33.08 1.39 -0.01	33.71 1.42 -0.18	30.78 1.27 -0.27	27.17 1.01 -0.10
DEERFIELD_69_KV_DEERFIELD LD 355887	35.84 3.98 -0.37	22.77 2.46 -0.18	23.62 2.55 -0.05	21.56 2.32 0.00	21.95 2.32 0.00	21.40 2.12 0.00	20.87 2.18 0.00	22.93 2.42 0.00	25.76 2.93 0.00	31.74 3.78 -0.16	51.17 3.94 -19.96	63.69 3.87 -33.96	143.09 3.96 -113.31	36.93 3.75 -6.45	37.49 3.93 -4.01	33.20 3.61 0.00	33.13 3.61 0.00	34.69 3.79 -0.05	34.88 3.78 0.00	33.93 3.70 -0.03	35.23 3.51 -0.04	36.10 3.46 -0.54	33.11 3.07 -0.80	29.18 2.81 -0.31
DELAWARE___LFGE 323621	32.44 0.95 0.00	20.67 0.54 0.00	21.56 0.54 0.00	19.75 0.52 0.00	20.17 0.54 0.00	19.83 0.55 0.00	19.23 0.54 0.00	21.15 0.64 0.00	23.60 0.74 -0.02	29.08 0.90 -0.37	28.15 0.87 -0.01	26.69 0.83 0.00	26.95 0.85 -0.28	27.94 0.89 -0.32	30.85 0.93 -0.38	30.94 0.92 -0.43	30.89 0.94 -0.42	32.35 1.02 -0.48	32.61 1.02 -0.49	31.64 0.99 -0.45	33.20 1.00 -0.52	33.62 0.98 -0.53	30.50 0.84 -0.42	26.94 0.72 -0.15
DERFIELD_115KV_TB7 355931	31.61 0.11 0.00	20.18 0.06 0.00	21.07 0.05 0.00	19.30 0.06 0.00	19.70 0.07 0.00	19.36 0.08 0.00	18.75 0.06 0.00	20.59 0.08 0.00	22.93 0.09 0.00	27.91 0.11 0.00	27.36 0.09 0.00	25.94 0.08 0.00	25.87 0.05 0.00	26.79 0.05 0.00	29.61 0.06 0.00	29.65 0.06 0.00	29.59 0.06 0.00	30.93 0.08 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.75 0.06 0.00	32.18 0.07 0.00	29.30 0.06 0.00	26.11 0.05 0.00
DOGLEVILLE___HYD 23807	31.71 0.22 0.00	20.13 0.01 0.00	20.93 -0.09 0.00	19.13 -0.11 0.00	19.53 -0.10 0.00	19.29 0.01 0.00	18.72 0.02 0.00	20.65 0.14 0.00	22.97 0.14 0.00	27.95 0.15 0.00	27.39 0.12 0.00	26.02 0.16 0.00	26.02 0.20 0.00	26.95 0.22 0.00	29.96 0.41 0.00	30.00 0.41 0.00	29.89 0.37 0.00	31.30 0.45 0.00	31.57 0.47 0.00	30.67 0.47 0.00	32.15 0.46 0.00	32.51 0.40 0.00	29.39 0.15 0.00	26.00 -0.07 0.00
DUNKIRK___115KV_TB_200 55889	31.97 0.48 0.00	20.50 0.38 0.00	21.69 0.67 0.00	19.88 0.64 0.00	20.31 0.68 0.00	19.92 0.63 0.00	19.34 0.65 0.00	21.23 0.72 0.00	23.65 0.81 0.00	28.55 0.75 0.00	27.52 0.24 0.00	25.87 0.01 0.00	25.98 0.16 0.00	26.96 0.23 0.00	29.46 -0.09 0.00	29.61 0.02 0.00	29.62 0.09 0.00	31.13 0.28 0.00	31.26 0.16 0.00	30.19 0.00 0.00	32.00 0.32 0.00	32.77 0.66 0.00	30.23 0.99 0.00	27.46 1.40 0.00
DUNKIRK___1 23563	31.97 0.48 0.00	20.50 0.38 0.00	21.69 0.67 0.00	19.88 0.64 0.00	20.31 0.68 0.00	19.92 0.63 0.00	19.34 0.65 0.00	21.23 0.72 0.00	23.65 0.81 0.00	28.55 0.75 0.00	27.52 0.24 0.00	25.87 0.01 0.00	25.98 0.16 0.00	26.96 0.23 0.00	29.46 -0.09 0.00	29.61 0.02 0.00	29.62 0.09 0.00	31.13 0.28 0.00	31.26 0.16 0.00	30.19 0.00 0.00	32.00 0.32 0.00	32.77 0.66 0.00	30.23 0.99 0.00	27.46 1.40 0.00
DUNKIRK___2 23564	31.97 0.48 0.00	20.50 0.38 0.00	21.69 0.67 0.00	19.88 0.64 0.00	20.31 0.68 0.00	19.92 0.63 0.00	19.34 0.65 0.00	21.23 0.72 0.00	23.65 0.81 0.00	28.55 0.75 0.00	27.52 0.24 0.00	25.87 0.01 0.00	25.98 0.16 0.00	26.96 0.23 0.00	29.46 -0.09 0.00	29.61 0.02 0.00	29.62 0.09 0.00	31.13 0.28 0.00	31.26 0.16 0.00	30.19 0.00 0.00	32.00 0.32 0.00	32.77 0.66 0.00	30.23 0.99 0.00	27.46 1.40 0.00
DUNKIRK___3 23565	31.82 0.32 0.00	20.40 0.28 0.00	21.58 0.56 0.00	19.77 0.53 0.00	20.21 0.57 0.00	19.81 0.53 0.00	19.25 0.55 0.00	21.13 0.62 0.00	23.54 0.70 0.00	28.41 0.61 0.00	27.38 0.11 0.00	25.74 -0.12 0.00	25.84 0.02 0.00	26.83 0.09 0.00	29.32 -0.23 0.00	29.47 -0.12 0.00	29.47 -0.06 0.00	30.97 0.12 0.00	31.09 -0.01 0.00	30.02 -0.17 0.00	31.80 0.12 0.00	32.58 0.47 0.00	30.04 0.80 0.00	27.28 1.22 0.00
DUNKIRK___4 23566	31.92 0.42 0.00	20.47 0.35 0.00	21.66 0.64 0.00	19.85 0.61 0.00	20.29 0.66 0.00	19.90 0.61 0.00	19.32 0.63 0.00	21.19 0.67 0.00	23.59 0.75 0.00	28.48 0.68 0.00	27.46 0.19 0.00	25.81 -0.05 0.00	25.91 0.09 0.00	26.88 0.15 0.00	29.37 -0.18 0.00	29.52 -0.07 0.00	29.55 0.03 0.00	31.03 0.17 0.00	31.15 0.05 0.00	30.09 -0.10 0.00	31.90 0.21 0.00	32.66 0.56 0.00	30.15 0.91 0.00	27.42 1.36 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.79 1.93 -0.37	21.40 1.10 -0.18	22.11 1.04 -0.05	20.21 0.97 0.00	20.60 0.96 0.00	20.23 0.95 0.00	19.71 1.01 0.00	21.71 1.19 0.00	24.23 1.39 0.00	29.70 1.74 -0.16	29.24 1.74 -0.22	27.60 1.67 -0.07	27.62 1.68 -0.12	28.45 1.72 0.00	31.30 1.75 0.00	31.32 1.73 0.00	31.29 1.76 0.00	32.70 1.80 -0.05	32.89 1.79 0.00	31.95 1.72 -0.03	33.43 1.71 -0.04	34.35 1.70 -0.54	31.56 1.51 -0.80	27.64 1.27 -0.31
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.37 1.60 -0.27	21.16 0.90 -0.13	21.90 0.85 -0.04	20.04 0.81 0.00	20.44 0.81 0.00	20.08 0.80 0.00	19.54 0.85 0.00	21.53 1.01 0.00	24.03 1.19 0.00	29.39 1.47 -0.12	28.90 1.46 -0.16	27.36 1.44 -0.05	27.36 1.45 -0.09	28.21 1.49 0.00	31.08 1.52 0.00	31.10 1.51 0.00	31.08 1.55 0.00	32.52 1.63 -0.03	32.74 1.64 0.00	31.80 1.58 -0.02	33.29 1.58 -0.03	34.05 1.55 -0.40	31.18 1.35 -0.60	27.40 1.11 -0.23
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.90 2.03 -0.37	21.47 1.17 -0.18	22.18 1.11 -0.05	20.29 1.05 0.00	20.68 1.04 0.00	20.28 1.00 0.00	19.77 1.07 0.00	21.76 1.25 0.00	24.30 1.46 0.00	29.78 1.82 -0.16	29.34 1.85 -0.22	27.75 1.82 -0.07	27.73 1.80 -0.12	28.54 1.81 0.00	31.38 1.83 0.00	31.40 1.81 0.00	31.37 1.84 0.00	32.76 1.87 -0.05	32.95 1.85 0.00	32.01 1.79 -0.03	33.49 1.77 -0.04	34.38 1.74 -0.54	31.62 1.57 -0.80	27.70 1.33 -0.31
E179THST_13_KV_LOAD 356214	34.09 2.22 -0.37	21.59 1.29 -0.18	22.30 1.23 -0.05	20.40 1.16 0.00	20.79 1.15 0.00	20.39 1.11 0.00	19.88 1.18 0.00	21.87 1.36 0.00	24.43 1.59 0.00	29.94 1.99 -0.16	29.51 2.01 -0.22	27.89 1.96 -0.07	27.89 1.95 -0.12	28.69 1.96 0.00	31.55 2.00 0.00	31.58 1.98 0.00	31.54 2.02 0.00	32.95 2.06 -0.05	33.14 2.04 0.00	32.20 1.97 -0.03	33.68 1.96 -0.04	34.59 1.94 -0.54	31.79 1.75 -0.80	27.86 1.49 -0.31

EAST HAMPTON___GT 23717	36.44 4.57 -0.37	23.14 2.84 -0.18	24.05 2.98 -0.05	21.95 2.71 0.00	22.35 2.71 0.00	21.75 2.47 0.00	21.23 2.54 0.00	23.31 2.79 0.00	26.22 3.38 0.00	32.35 4.39 -0.16	51.78 4.56 -19.96	64.24 4.41 -33.97	143.61 4.49 -113.31	37.50 4.32 -6.45	38.13 4.57 -4.01	33.82 4.23 0.00	33.78 4.25 0.00	35.39 4.50 -0.05	35.55 4.45 0.00	34.57 4.34 -0.03	35.85 4.13 -0.04	36.72 4.07 -0.54	33.61 3.57 -0.80	29.62 3.25 -0.31
EAST RIVER___6 23660	34.09 2.23 -0.37	21.59 1.29 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.74 1.10 0.00	20.35 1.07 0.00	19.84 1.15 0.00	21.85 1.34 0.00	24.41 1.58 0.00	29.88 1.92 -0.16	29.42 1.92 -0.22	27.75 1.82 -0.07	27.76 1.83 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.53 1.94 0.00	31.51 1.99 0.00	32.90 2.00 -0.05	33.07 1.97 0.00	32.11 1.89 -0.03	33.59 1.87 -0.04	34.55 1.91 -0.54	31.72 1.67 -0.80	27.77 1.39 -0.31
EAST RIVER___7 23524	34.09 2.23 -0.37	21.59 1.29 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.74 1.10 0.00	20.35 1.07 0.00	19.84 1.15 0.00	21.85 1.34 0.00	24.41 1.58 0.00	29.88 1.92 -0.16	29.42 1.92 -0.22	27.75 1.82 -0.07	27.76 1.83 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.53 1.94 0.00	31.51 1.99 0.00	32.90 2.00 -0.05	33.07 1.97 0.00	32.11 1.89 -0.03	33.59 1.87 -0.04	34.55 1.91 -0.54	31.72 1.67 -0.80	27.77 1.39 -0.31
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.70 1.83 -0.37	21.34 1.04 -0.18	22.05 0.98 -0.05	20.16 0.92 0.00	20.55 0.91 0.00	20.18 0.90 0.00	19.65 0.96 0.00	21.66 1.14 0.00	24.18 1.33 0.00	29.62 1.66 -0.16	29.15 1.66 -0.22	27.54 1.61 -0.07	27.54 1.61 -0.12	28.38 1.65 0.00	31.24 1.69 0.00	31.26 1.67 0.00	31.21 1.68 0.00	32.63 1.74 -0.05	32.83 1.73 0.00	31.89 1.66 -0.03	33.36 1.64 -0.04	34.28 1.64 -0.53	31.49 1.45 -0.80	27.58 1.21 -0.31
EAST_HAMPTON___DIESEL 23722	36.44 4.58 -0.37	23.14 2.84 -0.18	24.05 2.98 -0.05	21.96 2.72 0.00	22.35 2.72 0.00	21.75 2.47 0.00	21.23 2.54 0.00	23.31 2.79 0.00	26.22 3.38 0.00	32.36 4.40 -0.16	51.79 4.56 -19.96	64.24 4.42 -33.97	143.62 4.50 -113.31	37.51 4.33 -6.45	38.14 4.57 -4.01	33.84 4.25 0.00	33.79 4.26 0.00	35.40 4.50 -0.05	35.56 4.46 0.00	34.57 4.34 -0.03	35.86 4.14 -0.04	36.72 4.08 -0.54	33.61 3.57 -0.80	29.62 3.25 -0.31
EAST_PULASKI___ESR 323781	31.44 -0.06 0.00	20.14 0.02 0.00	21.04 0.02 0.00	19.26 0.02 0.00	19.65 0.02 0.00	19.33 0.05 0.00	18.71 0.00 0.00	20.51 0.00 0.00	23.01 0.00 -0.17	30.65 0.02 -2.83	27.29 -0.03 -0.05	25.82 -0.04 0.00	27.92 -0.06 -2.17	29.10 -0.07 -2.43	32.29 -0.17 -2.91	32.68 -0.18 -3.27	32.63 -0.15 -3.26	34.47 -0.06 -3.69	34.80 -0.06 -3.76	33.64 -0.05 -3.50	35.63 -0.04 -3.98	36.17 -0.02 -4.09	32.48 0.03 -3.22	27.31 0.07 -1.18
EAST_RIVER___1 323558	33.99 2.12 -0.37	21.52 1.22 -0.18	22.23 1.16 -0.05	20.31 1.07 0.00	20.69 1.06 0.00	20.32 1.04 0.00	19.80 1.11 0.00	21.82 1.31 0.00	24.37 1.53 0.00	29.85 1.89 -0.16	29.38 1.89 -0.22	27.74 1.80 -0.07	27.74 1.81 -0.12	28.58 1.85 0.00	31.44 1.89 0.00	31.48 1.89 0.00	31.45 1.92 0.00	32.83 1.94 -0.05	33.01 1.91 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.46 1.82 -0.54	31.68 1.63 -0.80	27.74 1.37 -0.31
EAST_RIVER___2 323559	34.09 2.23 -0.37	21.59 1.29 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.74 1.10 0.00	20.35 1.07 0.00	19.84 1.15 0.00	21.85 1.34 0.00	24.41 1.58 0.00	29.88 1.92 -0.16	29.42 1.92 -0.22	27.75 1.82 -0.07	27.76 1.83 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.53 1.94 0.00	31.51 1.99 0.00	32.90 2.00 -0.05	33.07 1.97 0.00	32.11 1.89 -0.03	33.59 1.87 -0.04	34.55 1.91 -0.54	31.72 1.67 -0.80	27.77 1.39 -0.31
EAST___DELAWARE_HYD 23607	32.85 1.17 -0.18	20.83 0.62 -0.09	21.63 0.59 -0.02	19.79 0.55 0.00	20.19 0.56 0.00	19.81 0.53 0.00	19.28 0.59 0.00	21.25 0.74 0.00	23.73 0.90 0.00	29.01 1.13 -0.08	28.48 1.10 -0.11	26.90 1.01 -0.04	26.29 0.41 -0.06	27.13 0.40 0.00	29.79 0.24 0.00	29.82 0.22 0.00	29.95 0.42 0.00	31.32 0.45 -0.02	31.59 0.48 0.00	30.80 0.59 -0.01	33.02 1.31 -0.02	33.61 1.25 -0.26	30.66 1.03 -0.38	27.01 0.79 -0.15
EIGHT_POINT___WT_PWR 323820	32.31 0.82 0.00	20.72 0.60 0.00	21.79 0.77 0.00	19.96 0.72 0.00	20.38 0.74 0.00	20.01 0.73 0.00	19.44 0.75 0.00	21.35 0.84 0.00	23.82 0.95 -0.02	29.17 1.01 -0.36	27.91 0.64 -0.01	26.32 0.46 0.00	26.64 0.54 -0.27	27.61 0.57 -0.31	30.31 0.39 -0.36	30.54 0.54 -0.41	30.56 0.62 -0.41	32.13 0.81 -0.46	32.26 0.69 -0.47	31.18 0.55 -0.44	32.92 0.73 -0.50	33.65 1.03 -0.51	30.79 1.14 -0.40	27.56 1.35 -0.15
ELBRIDGE_115KV_TB2 80188	31.47 -0.02 0.00	20.13 0.02 0.00	21.09 0.07 0.00	19.33 0.09 0.00	19.74 0.11 0.00	19.35 0.07 0.00	18.77 0.08 0.00	20.56 0.04 0.00	23.00 0.05 -0.11	29.72 -0.01 -1.93	27.23 -0.07 -0.03	25.79 -0.07 0.00	27.24 -0.05 -1.48	28.35 -0.04 -1.66	31.42 -0.12 -1.99	31.73 -0.09 -2.23	31.71 -0.05 -2.22	33.34 -0.03 -2.51	33.64 -0.03 -2.56	32.56 -0.02 -2.39	34.40 0.01 -2.71	34.91 0.02 -2.79	31.43 0.00 -2.19	26.99 0.11 -0.81
ELEC_TRO_TEK 24086	34.01 2.14 -0.37	21.57 1.27 -0.18	22.25 1.18 -0.05	20.33 1.09 0.00	20.72 1.09 0.00	20.35 1.06 0.00	19.82 1.13 0.00	21.81 1.30 0.00	24.39 1.55 0.00	29.90 1.94 -0.16	29.53 2.04 -0.22	29.21 2.02 -1.33	28.97 1.99 -1.16	28.56 1.83 0.00	31.37 1.81 0.00	31.37 1.78 0.00	31.30 1.77 0.00	32.76 1.86 -0.05	32.99 1.89 0.00	32.10 1.87 -0.03	33.48 1.76 -0.04	34.44 1.80 -0.54	31.65 1.60 -0.80	27.85 1.48 -0.31
ELLENBURG_WT_PWR 323604	32.10 0.60 0.00	20.37 0.25 0.00	21.31 0.28 0.00	19.21 -0.04 0.00	19.50 -0.13 0.00	18.93 -0.35 0.00	18.43 -0.26 0.00	20.44 -0.07 0.00	23.15 0.31 0.00	28.41 0.61 0.00	27.94 0.67 0.00	26.51 0.65 0.00	26.43 0.62 0.00	27.45 0.72 0.00	30.51 0.95 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.89 0.00	32.07 0.96 0.00	31.19 0.99 0.00	32.64 0.95 0.00	33.03 0.93 0.00	30.03 0.79 0.00	26.66 0.60 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.62 0.12 0.00	20.31 0.19 0.00	21.51 0.48 0.00	19.73 0.49 0.00	20.17 0.53 0.00	19.77 0.49 0.00	19.19 0.49 0.00	20.99 0.47 0.00	23.34 0.51 0.00	28.14 0.34 0.00	27.16 -0.11 0.00	25.53 -0.33 0.00	25.59 -0.22 0.00	26.52 -0.21 0.00	28.95 -0.60 0.00	29.11 -0.48 0.00	29.19 -0.33 0.00	30.56 -0.30 0.00	30.66 -0.44 0.00	29.64 -0.55 0.00	31.45 -0.23 0.00	32.20 0.10 0.00	29.82 0.58 0.00	27.20 1.14 0.00
EMPIRE_CC_1 323656	31.28 0.53 0.75	20.01 0.25 0.36	21.16 0.24 0.10	19.49 0.25 0.00	19.89 0.25 0.00	19.55 0.27 0.00	18.98 0.29 0.00	20.86 0.34 0.00	23.15 0.32 0.00	27.88 0.41 0.32	27.28 0.45 0.45	26.16 0.45 0.15	26.02 0.44 0.24	27.27 0.54 0.00	30.20 0.65 0.00	30.13 0.54 0.00	30.02 0.50 0.00	31.21 0.45 0.09	31.55 0.44 0.00	30.58 0.44 0.06	32.06 0.44 0.08	31.45 0.43 1.08	27.96 0.35 1.62	25.63 0.19 0.63

EMPIRE_CC_2 323658	31.28 0.53 0.75	20.01 0.25 0.36	21.16 0.24 0.10	19.49 0.25 0.00	19.89 0.25 0.00	19.55 0.27 0.00	18.98 0.29 0.00	20.86 0.34 0.00	23.15 0.32 0.00	27.88 0.41 0.32	27.28 0.45 0.45	26.16 0.45 0.15	26.02 0.44 0.24	27.27 0.54 0.00	30.20 0.65 0.00	30.13 0.54 0.00	30.02 0.50 0.00	31.21 0.45 0.09	31.55 0.44 0.00	30.58 0.44 0.06	32.06 0.44 0.08	31.45 0.43 1.08	27.96 0.35 1.62	25.63 0.19 0.63
ENORWICH_115KV_TB1 80156	33.82 2.32 0.00	21.57 1.45 0.00	22.44 1.42 0.00	20.51 1.27 0.00	20.93 1.30 0.00	20.64 1.36 0.00	20.01 1.32 0.00	22.09 1.58 0.00	24.76 1.88 -0.04	30.85 2.30 -0.75	29.39 2.11 -0.01	27.80 1.94 0.00	28.43 2.04 -0.57	29.50 2.13 -0.64	32.51 2.19 -0.77	32.68 2.22 -0.87	32.85 2.46 -0.86	34.70 2.88 -0.97	35.05 2.95 -0.99	34.04 2.92 -0.92	35.78 3.04 -1.05	36.11 2.93 -1.08	32.59 2.51 -0.85	28.56 2.19 -0.31
ERIE_ST__34_KV_TB1-2 80199	31.83 0.34 0.00	20.41 0.29 0.00	21.58 0.56 0.00	19.78 0.54 0.00	20.23 0.59 0.00	19.84 0.56 0.00	19.26 0.56 0.00	21.10 0.58 0.00	23.49 0.65 0.00	28.36 0.56 0.00	27.38 0.11 0.00	25.74 -0.12 0.00	25.82 0.00 0.00	26.78 0.04 0.00	29.28 -0.27 0.00	29.45 -0.14 0.00	29.54 0.01 0.00	30.95 0.10 0.00	31.05 -0.05 0.00	30.00 -0.20 0.00	31.81 0.12 0.00	32.55 0.45 0.00	30.08 0.84 0.00	27.34 1.28 0.00
ERIE_WT_PWR 323693	31.78 0.29 0.00	20.41 0.29 0.00	21.59 0.56 0.00	19.80 0.56 0.00	20.23 0.59 0.00	19.85 0.56 0.00	19.25 0.56 0.00	21.09 0.57 0.00	23.46 0.62 0.00	28.30 0.50 0.00	27.31 0.04 0.00	25.69 -0.17 0.00	25.75 -0.06 0.00	26.68 -0.05 0.00	29.15 -0.40 0.00	29.31 -0.28 0.00	29.39 -0.13 0.00	30.79 -0.06 0.00	30.89 -0.21 0.00	29.87 -0.33 0.00	31.68 0.00 0.00	32.43 0.33 0.00	30.00 0.76 0.00	27.33 1.26 0.00
ESPRGFLD_115KV_TB1 80157	32.95 1.45 0.00	20.97 0.85 0.00	21.87 0.85 0.00	20.03 0.80 0.00	20.47 0.83 0.00	20.12 0.84 0.00	19.52 0.83 0.00	21.48 0.96 0.00	24.01 1.15 -0.02	29.59 1.43 -0.36	28.65 1.37 -0.01	27.17 1.31 0.00	27.43 1.34 -0.27	28.43 1.40 -0.31	31.41 1.49 -0.36	31.49 1.49 -0.41	31.50 1.56 -0.41	32.98 1.67 -0.46	33.28 1.70 -0.47	32.29 1.65 -0.44	33.87 1.69 -0.50	34.25 1.63 -0.51	31.03 1.39 -0.40	27.40 1.19 -0.15
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.26 0.77 0.00	20.62 0.50 0.00	21.56 0.54 0.00	19.73 0.49 0.00	20.15 0.51 0.00	19.79 0.51 0.00	19.20 0.51 0.00	21.09 0.57 0.00	23.57 0.67 -0.06	29.60 0.77 -1.02	27.95 0.66 -0.02	26.46 0.60 0.00	27.23 0.64 -0.78	28.30 0.69 -0.88	31.25 0.65 -1.05	31.45 0.68 -1.18	31.47 0.77 -1.18	33.13 0.94 -1.33	33.40 0.94 -1.35	32.38 0.92 -1.26	34.11 0.98 -1.44	34.56 0.98 -1.47	31.27 0.87 -1.16	27.32 0.83 -0.43
ETNA_____115KV_TB2 80207	32.26 0.77 0.00	20.62 0.50 0.00	21.56 0.54 0.00	19.73 0.49 0.00	20.15 0.51 0.00	19.79 0.51 0.00	19.20 0.51 0.00	21.09 0.57 0.00	23.57 0.67 -0.06	29.60 0.77 -1.02	27.95 0.66 -0.02	26.46 0.60 0.00	27.23 0.64 -0.78	28.30 0.69 -0.88	31.25 0.65 -1.05	31.45 0.68 -1.18	31.47 0.77 -1.18	33.13 0.94 -1.33	33.40 0.94 -1.35	32.38 0.92 -1.26	34.11 0.98 -1.44	34.56 0.98 -1.47	31.27 0.87 -1.16	27.32 0.83 -0.43
EUCLID___115KV_TB2 356179	31.23 -0.27 0.00	20.01 -0.11 0.00	20.92 -0.10 0.00	19.17 -0.07 0.00	19.56 -0.08 0.00	19.23 -0.05 0.00	18.63 -0.07 0.00	20.39 -0.12 0.00	22.73 -0.16 -0.05	28.42 -0.21 -0.83	27.01 -0.28 -0.02	25.59 -0.27 0.00	26.18 -0.27 -0.63	27.17 -0.27 -0.71	30.02 -0.38 -0.85	30.17 -0.37 -0.95	30.14 -0.33 -0.95	31.63 -0.30 -1.07	31.88 -0.32 -1.09	30.89 -0.32 -1.02	32.54 -0.30 -1.16	33.00 -0.30 -1.19	29.95 -0.22 -0.93	26.32 -0.09 -0.34
E_CANADA_CAP_HY 24051	33.85 2.73 0.37	21.80 1.86 0.18	22.95 1.98 0.05	21.09 1.84 0.00	21.53 1.90 0.00	21.10 1.82 0.00	20.43 1.74 0.00	22.37 1.86 0.00	25.02 2.18 0.00	30.27 2.63 0.16	29.53 2.48 0.22	28.05 2.26 0.07	27.94 2.25 0.12	28.89 2.15 0.00	31.91 2.36 0.00	32.14 2.54 0.00	32.19 2.66 0.00	33.65 2.84 0.05	33.99 2.88 0.00	32.97 2.81 0.03	34.63 2.99 0.04	34.48 2.92 0.54	31.18 2.75 0.81	28.29 2.54 0.31
E_CANADA_MHWK_HY 24050	31.71 0.22 0.00	20.13 0.01 0.00	20.93 -0.09 0.00	19.13 -0.11 0.00	19.53 -0.10 0.00	19.29 0.01 0.00	18.72 0.02 0.00	20.65 0.14 0.00	22.97 0.14 0.00	27.95 0.15 0.00	27.39 0.12 0.00	26.02 0.16 0.00	26.02 0.20 0.00	26.95 0.22 0.00	29.96 0.41 0.00	30.00 0.41 0.00	29.89 0.37 0.00	31.30 0.45 0.00	31.57 0.47 0.00	30.67 0.47 0.00	32.15 0.46 0.00	32.51 0.40 0.00	29.39 0.15 0.00	26.00 -0.07 0.00
E_FISHKILL___LBMP 23776	33.39 1.51 -0.38	21.16 0.85 -0.18	21.87 0.80 -0.05	20.01 0.77 0.00	20.40 0.76 0.00	20.04 0.76 0.00	19.51 0.81 0.00	21.48 0.96 0.00	23.95 1.11 0.00	29.32 1.36 -0.16	28.87 1.37 -0.23	27.27 1.33 -0.07	27.28 1.34 -0.12	28.11 1.38 0.00	30.98 1.43 0.00	30.99 1.40 0.00	30.93 1.40 0.00	32.35 1.44 -0.05	32.54 1.44 0.00	31.60 1.38 -0.03	33.08 1.36 -0.04	34.01 1.35 -0.55	31.25 1.19 -0.83	27.36 0.98 -0.32
FALCON___SEABRD_CC1 323796	32.46 0.97 0.00	20.58 0.46 0.00	21.54 0.52 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.66 -0.03 0.00	20.70 0.18 0.00	23.40 0.56 0.00	28.74 0.94 0.00	28.26 0.99 0.00	26.82 0.96 0.00	26.73 0.91 0.00	27.81 1.08 0.00	30.91 1.36 0.00	30.98 1.39 0.00	30.82 1.29 0.00	32.16 1.31 0.00	32.49 1.39 0.00	31.63 1.43 0.00	33.06 1.38 0.00	33.45 1.34 0.00	30.38 1.14 0.00	26.95 0.88 0.00
FALCON___SEABRD_CC2 323797	32.46 0.97 0.00	20.58 0.46 0.00	21.54 0.52 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.66 -0.03 0.00	20.70 0.18 0.00	23.40 0.56 0.00	28.74 0.94 0.00	28.26 0.99 0.00	26.82 0.96 0.00	26.73 0.91 0.00	27.81 1.08 0.00	30.91 1.36 0.00	30.98 1.39 0.00	30.82 1.29 0.00	32.16 1.31 0.00	32.49 1.39 0.00	31.63 1.43 0.00	33.06 1.38 0.00	33.45 1.34 0.00	30.38 1.14 0.00	26.95 0.88 0.00
FAR ROCKAWAY___4 23548	34.63 2.76 -0.37	21.94 1.64 -0.18	22.61 1.54 -0.05	20.65 1.42 0.00	21.06 1.43 0.00	20.69 1.41 0.00	20.16 1.46 0.00	22.19 1.67 0.00	24.82 1.98 0.00	30.43 2.47 -0.16	30.10 2.60 -0.22	29.66 2.47 -1.33	29.38 2.40 -1.16	28.94 2.21 0.00	31.80 2.25 0.00	31.83 2.24 0.00	31.76 2.23 0.00	33.30 2.40 -0.05	33.53 2.43 0.00	32.61 2.39 -0.03	34.03 2.30 -0.04	35.00 2.36 -0.54	32.14 2.10 -0.80	28.28 1.91 -0.31
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	34.00 2.14 -0.37	21.53 1.23 -0.18	22.24 1.17 -0.05	20.33 1.09 0.00	20.71 1.08 0.00	20.34 1.06 0.00	19.81 1.12 0.00	21.83 1.32 0.00	24.39 1.56 0.00	29.88 1.92 -0.16	29.41 1.92 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.62 1.89 0.00	31.46 1.91 0.00	31.49 1.90 0.00	31.47 1.94 0.00	32.86 1.96 -0.05	33.03 1.93 0.00	32.08 1.86 -0.03	33.56 1.84 -0.04	34.49 1.85 -0.54	31.71 1.66 -0.80	27.76 1.39 -0.31

FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	34.04 2.17 -0.37	21.55 1.25 -0.18	22.26 1.19 -0.05	20.35 1.11 0.00	20.73 1.09 0.00	20.35 1.07 0.00	19.83 1.13 0.00	21.84 1.33 0.00	24.40 1.57 0.00	29.89 1.93 -0.16	29.42 1.93 -0.22	27.79 1.86 -0.07	27.80 1.86 -0.12	28.63 1.90 0.00	31.49 1.94 0.00	31.52 1.93 0.00	31.49 1.96 0.00	32.88 1.98 -0.05	33.06 1.96 0.00	32.11 1.89 -0.03	33.59 1.87 -0.04	34.53 1.88 -0.54	31.74 1.69 -0.80	27.79 1.42 -0.31
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.98 2.12 -0.37	21.52 1.22 -0.18	22.23 1.16 -0.05	20.32 1.08 0.00	20.70 1.06 0.00	20.33 1.05 0.00	19.80 1.11 0.00	21.82 1.31 0.00	24.38 1.54 0.00	29.87 1.91 -0.16	29.39 1.90 -0.22	27.75 1.82 -0.07	27.76 1.83 -0.12	28.60 1.87 0.00	31.45 1.90 0.00	31.48 1.89 0.00	31.45 1.93 0.00	32.83 1.93 -0.05	33.01 1.91 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.37 -0.31
FARRAGUT___LBMP 323566	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.04 0.00	20.31 1.03 0.00	19.79 1.09 0.00	21.80 1.29 0.00	24.35 1.51 0.00	29.83 1.87 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.57 1.84 0.00	31.41 1.86 0.00	31.44 1.85 0.00	31.42 1.89 0.00	32.80 1.90 -0.05	32.98 1.87 0.00	32.03 1.80 -0.03	33.50 1.79 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
FENNER___WINDPWR 24204	32.17 0.68 0.00	20.55 0.43 0.00	21.43 0.41 0.00	19.62 0.38 0.00	20.03 0.39 0.00	19.71 0.43 0.00	19.09 0.39 0.00	20.97 0.45 0.00	23.43 0.54 -0.05	29.29 0.69 -0.80	27.92 0.63 -0.01	26.45 0.59 0.00	27.01 0.60 -0.59	28.01 0.61 -0.66	30.98 0.64 -0.80	31.16 0.68 -0.89	31.15 0.73 -0.89	32.71 0.85 -1.01	32.98 0.85 -1.03	31.97 0.82 -0.96	33.63 0.86 -1.09	34.07 0.84 -1.12	30.87 0.75 -0.88	27.06 0.67 -0.32
FIBERTEK___ENERGY 23856	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
FITZPATRICK____ 23598	30.73 -0.76 0.00	19.71 -0.41 0.00	20.61 -0.41 0.00	18.88 -0.35 0.00	19.27 -0.37 0.00	18.93 -0.35 0.00	18.33 -0.36 0.00	20.06 -0.45 0.00	21.71 -0.54 0.58	17.31 -0.68 9.80	26.37 -0.72 0.17	25.17 -0.69 0.00	17.61 -0.68 7.53	17.57 -0.70 8.46	18.60 -0.83 10.12	17.40 -0.82 11.37	17.40 -0.79 11.34	17.25 -0.79 12.82	17.23 -0.81 13.07	17.24 -0.80 12.16	17.03 -0.81 13.84	17.10 -0.81 14.20	17.37 -0.70 11.17	21.41 -0.54 4.12
FLOWRFLD_69_KV_BK1 356044	34.68 2.81 -0.37	22.05 1.75 -0.18	22.82 1.75 -0.05	20.82 1.58 0.00	21.22 1.58 0.00	20.72 1.44 0.00	20.20 1.50 0.00	22.20 1.68 0.00	24.88 2.04 0.00	30.57 2.61 -0.16	51.30 2.70 -21.33	75.96 2.73 -47.38	163.59 2.73 -135.04	38.25 2.42 -9.09	37.55 2.34 -5.65	31.78 2.19 0.00	31.68 2.16 0.00	33.16 2.26 -0.05	33.42 2.32 0.00	32.54 2.31 -0.03	33.84 2.11 -0.04	34.84 2.20 -0.54	32.08 2.04 -0.80	28.31 1.94 -0.31
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.74 1.97 -0.28	21.38 1.12 -0.14	22.13 1.08 -0.04	20.25 1.02 0.00	20.65 1.02 0.00	20.29 1.01 0.00	19.75 1.06 0.00	21.76 1.24 0.00	24.28 1.44 0.00	29.71 1.79 -0.12	29.23 1.80 -0.17	27.68 1.76 -0.06	27.69 1.78 -0.09	28.56 1.83 0.00	31.46 1.91 0.00	31.48 1.90 0.00	31.46 1.93 0.00	32.91 2.02 -0.03	33.13 2.03 0.00	32.17 1.95 -0.02	33.67 1.96 -0.03	34.44 1.92 -0.41	31.52 1.67 -0.61	27.68 1.38 -0.24
FORT ORANGE____ 23900	31.85 0.74 0.39	20.31 0.38 0.19	21.33 0.36 0.05	19.59 0.35 0.00	20.00 0.36 0.00	19.66 0.38 0.00	19.08 0.38 0.00	20.98 0.46 0.00	23.32 0.48 0.00	28.24 0.61 0.17	27.68 0.64 0.23	26.40 0.61 0.08	26.33 0.64 0.12	27.44 0.71 0.00	30.43 0.88 0.00	30.38 0.79 0.00	30.28 0.75 0.00	31.54 0.74 0.05	31.88 0.77 0.00	30.96 0.79 0.03	32.43 0.79 0.04	32.29 0.75 0.57	28.99 0.59 0.85	26.14 0.40 0.33
FORT_DRUM_COGEN 23780	32.37 0.87 0.00	20.66 0.54 0.00	21.54 0.52 0.00	19.68 0.44 0.00	20.07 0.43 0.00	19.77 0.49 0.00	19.14 0.45 0.00	21.08 0.56 0.00	23.66 0.73 -0.09	30.20 0.95 -1.44	28.23 0.94 -0.03	26.74 0.88 0.00	27.77 0.86 -1.09	28.81 0.86 -1.23	31.86 0.84 -1.47	32.08 0.85 -1.65	32.08 0.91 -1.64	33.82 1.11 -1.86	34.19 1.20 -1.89	33.15 1.19 -1.76	34.92 1.23 -2.00	35.33 1.17 -2.06	31.89 1.03 -1.62	27.52 0.86 -0.60
FPL_FAR_ROCK_GT1 24212	34.62 2.76 -0.37	21.94 1.64 -0.18	22.61 1.54 -0.05	20.65 1.42 0.00	21.06 1.43 0.00	20.69 1.41 0.00	20.16 1.47 0.00	22.19 1.67 0.00	24.81 1.98 0.00	30.43 2.47 -0.16	30.10 2.60 -0.22	29.66 2.47 -1.33	29.37 2.39 -1.16	28.94 2.21 0.00	31.80 2.25 0.00	31.83 2.24 0.00	31.76 2.23 0.00	33.30 2.40 -0.05	33.53 2.43 0.00	32.61 2.39 -0.03	34.02 2.30 -0.04	35.00 2.36 -0.54	32.14 2.09 -0.81	28.28 1.91 -0.31
FPL_FAR_ROCK_GT2 23815	34.62 2.76 -0.37	21.94 1.64 -0.18	22.61 1.54 -0.05	20.65 1.42 0.00	21.06 1.43 0.00	20.69 1.41 0.00	20.16 1.47 0.00	22.19 1.67 0.00	24.81 1.98 0.00	30.43 2.47 -0.16	30.10 2.60 -0.22	29.66 2.47 -1.33	29.37 2.39 -1.16	28.94 2.21 0.00	31.80 2.25 0.00	31.83 2.24 0.00	31.76 2.23 0.00	33.30 2.40 -0.05	33.53 2.43 0.00	32.61 2.39 -0.03	34.02 2.30 -0.04	35.00 2.36 -0.54	32.14 2.09 -0.81	28.28 1.91 -0.31
FRANKLIN_FALL_HYD 24054	32.12 0.63 0.00	20.42 0.30 0.00	21.32 0.29 0.00	19.25 0.02 0.00	19.59 -0.04 0.00	19.08 -0.19 0.00	18.58 -0.12 0.00	20.58 0.07 0.00	23.24 0.40 0.00	28.50 0.70 0.00	28.05 0.78 0.00	26.61 0.75 0.00	26.54 0.72 0.00	27.51 0.79 0.00	30.51 0.96 0.00	30.56 0.97 0.00	30.39 0.86 0.00	31.69 0.84 0.00	32.03 0.92 0.00	31.17 0.97 0.00	32.62 0.94 0.00	33.02 0.92 0.00	30.08 0.84 0.00	26.71 0.65 0.00
FREEPORT_EQUS_GT1 23764	34.36 2.50 -0.37	21.78 1.48 -0.18	22.45 1.38 -0.05	20.50 1.26 0.00	20.89 1.26 0.00	20.52 1.24 0.00	19.99 1.30 0.00	21.99 1.47 0.00	24.61 1.77 0.00	30.21 2.25 -0.16	29.85 2.36 -0.22	29.55 2.36 -1.33	29.30 2.32 -1.16	28.83 2.10 0.00	31.62 2.07 0.00	31.63 2.04 0.00	31.57 2.04 0.00	33.07 2.18 -0.05	33.33 2.22 0.00	32.43 2.21 -0.03	33.80 2.08 -0.04	34.77 2.13 -0.54	31.95 1.91 -0.80	28.12 1.75 -0.31
FREEPORT___CT2 23818	34.36 2.50 -0.37	21.78 1.48 -0.18	22.45 1.38 -0.05	20.50 1.26 0.00	20.89 1.26 0.00	20.52 1.24 0.00	19.99 1.30 0.00	21.99 1.47 0.00	24.61 1.77 0.00	30.21 2.25 -0.16	29.85 2.36 -0.22	29.55 2.36 -1.33	29.30 2.32 -1.16	28.83 2.10 0.00	31.62 2.07 0.00	31.63 2.04 0.00	31.57 2.04 0.00	33.07 2.18 -0.05	33.33 2.22 0.00	32.43 2.21 -0.03	33.80 2.08 -0.04	34.77 2.13 -0.54	31.95 1.91 -0.80	28.12 1.75 -0.31



FRESHKLS_33_KV_LOAD 356253	34.05 2.18 -0.37	21.54 1.23 -0.18	22.25 1.18 -0.05	20.35 1.11 0.00	20.73 1.09 0.00	20.33 1.05 0.00	19.81 1.12 0.00	21.82 1.30 0.00	24.38 1.54 0.00	29.87 1.91 -0.16	29.44 1.94 -0.22	27.78 1.84 -0.07	27.79 1.85 -0.12	28.60 1.87 0.00	31.48 1.93 0.00	31.49 1.90 0.00	31.43 1.91 0.00	32.86 1.97 -0.05	33.06 1.95 0.00	32.28 1.88 -0.20	33.78 1.85 -0.24	34.52 1.88 -0.54	31.72 1.68 -0.80	27.76 1.38 -0.31
FULTON COGEN____ 23766	31.20 -0.30 0.00	20.01 -0.11 0.00	20.90 -0.12 0.00	19.16 -0.08 0.00	19.54 -0.09 0.00	19.22 -0.06 0.00	18.61 -0.09 0.00	20.36 -0.15 0.00	22.80 -0.23 -0.19	30.72 -0.29 -3.21	26.95 -0.38 -0.06	25.49 -0.37 0.00	27.93 -0.35 -2.46	29.14 -0.36 -2.77	32.39 -0.48 -3.31	32.84 -0.47 -3.72	32.81 -0.42 -3.70	34.66 -0.39 -4.19	34.97 -0.41 -4.27	33.76 -0.41 -3.97	35.81 -0.40 -4.52	36.35 -0.39 -4.64	32.57 -0.32 -3.65	27.22 -0.19 -1.35
FULTON____LFGE 323630	34.89 3.77 0.37	22.35 2.41 0.18	23.21 2.24 0.05	21.28 2.04 0.00	21.73 2.09 0.00	21.56 2.28 0.00	20.92 2.23 0.00	22.98 2.47 0.00	25.64 2.80 0.00	30.76 3.12 0.16	29.95 2.90 0.22	28.36 2.57 0.07	28.19 2.50 0.12	28.88 2.15 0.00	32.61 3.06 0.00	33.09 3.50 0.00	33.21 3.69 0.00	34.68 3.88 0.05	35.35 4.24 0.00	34.29 4.12 0.03	35.96 4.31 0.04	35.68 4.12 0.54	32.11 3.68 0.81	28.96 3.21 0.31
G.F.CEMENT____DRP 24184	32.96 1.93 0.46	20.94 1.04 0.23	22.03 1.07 0.06	20.24 1.00 0.00	20.60 0.96 0.00	20.26 0.98 0.00	19.69 0.99 0.00	21.63 1.11 0.00	24.16 1.32 0.00	29.22 1.62 0.20	28.41 1.41 0.28	27.15 1.39 0.09	27.01 1.35 0.15	28.04 1.31 0.00	31.20 1.65 0.00	31.33 1.74 0.00	31.11 1.58 0.00	32.35 1.55 0.06	32.79 1.69 0.00	31.97 1.81 0.04	33.44 1.80 0.05	33.28 1.84 0.67	29.78 1.55 1.01	26.89 1.22 0.39
GARDENVILLE____LBMP 24039	31.69 0.20 0.00	20.35 0.23 0.00	21.54 0.52 0.00	19.75 0.52 0.00	20.19 0.55 0.00	19.80 0.52 0.00	19.21 0.52 0.00	21.03 0.51 0.00	23.40 0.56 0.00	28.22 0.42 0.00	27.23 -0.04 0.00	25.60 -0.26 0.00	25.67 -0.15 0.00	26.60 -0.13 0.00	29.05 -0.50 0.00	29.21 -0.38 0.00	29.29 -0.24 0.00	30.68 -0.18 0.00	30.79 -0.32 0.00	29.76 -0.44 0.00	31.57 -0.12 0.00	32.32 0.21 0.00	29.90 0.66 0.00	27.25 1.19 0.00
GARDNVLA_35_KV_LD 355827	31.80 0.31 0.00	20.41 0.29 0.00	21.60 0.58 0.00	19.82 0.57 0.00	20.25 0.61 0.00	19.86 0.58 0.00	19.27 0.58 0.00	21.10 0.58 0.00	23.48 0.64 0.00	28.32 0.52 0.00	27.35 0.08 0.00	25.71 -0.15 0.00	25.79 -0.03 0.00	26.73 0.00 0.00	29.20 -0.35 0.00	29.38 -0.21 0.00	29.45 -0.07 0.00	30.85 0.00 0.00	30.94 -0.16 0.00	29.91 -0.29 0.00	31.72 0.04 0.00	32.48 0.37 0.00	30.03 0.79 0.00	27.36 1.30 0.00
GELCKHM__115KV_LOAD 80723	31.36 -0.13 0.00	20.09 -0.03 0.00	21.00 -0.02 0.00	19.24 0.00 0.00	19.63 0.00 0.00	19.30 0.02 0.00	18.70 0.00 0.00	20.48 -0.04 0.00	22.85 -0.06 -0.07	28.87 -0.10 -1.17	27.13 -0.16 -0.02	25.70 -0.16 0.00	26.56 -0.14 -0.89	27.59 -0.14 -1.00	30.52 -0.23 -1.20	30.71 -0.23 -1.35	30.69 -0.18 -1.34	32.23 -0.14 -1.52	32.50 -0.16 -1.55	31.47 -0.17 -1.44	33.18 -0.14 -1.64	33.65 -0.14 -1.68	30.47 -0.09 -1.32	26.56 0.01 -0.49
GENERAL____MILLS 23808	31.75 0.25 0.00	20.39 0.27 0.00	21.57 0.55 0.00	19.78 0.54 0.00	20.22 0.59 0.00	19.83 0.55 0.00	19.25 0.55 0.00	21.06 0.55 0.00	23.44 0.60 0.00	28.27 0.47 0.00	27.30 0.03 0.00	25.66 -0.20 0.00	25.73 -0.09 0.00	26.67 -0.06 0.00	29.13 -0.43 0.00	29.29 -0.30 0.00	29.37 -0.16 0.00	30.76 -0.09 0.00	30.86 -0.24 0.00	29.83 -0.36 0.00	31.65 -0.04 0.00	32.40 0.29 0.00	29.97 0.73 0.00	27.31 1.24 0.00
GE_PLASTICS____DRP 24183	31.87 0.69 0.32	20.33 0.36 0.16	21.33 0.35 0.04	19.58 0.34 0.00	20.00 0.36 0.00	19.65 0.37 0.00	19.07 0.37 0.00	20.96 0.45 0.00	23.32 0.48 0.00	28.25 0.59 0.14	27.69 0.61 0.19	26.39 0.59 0.06	26.33 0.61 0.10	27.40 0.67 0.00	30.34 0.78 0.00	30.29 0.70 0.00	30.21 0.68 0.00	31.49 0.67 0.04	31.79 0.69 0.00	30.85 0.68 0.03	32.32 0.67 0.03	32.29 0.65 0.46	29.08 0.53 0.69	26.17 0.38 0.27
GILBOA____1 23756	32.36 0.86 0.00	20.59 0.47 0.00	21.48 0.46 0.00	19.69 0.45 0.00	20.15 0.51 0.00	19.80 0.52 0.00	19.17 0.48 0.00	21.07 0.56 0.00	23.46 0.62 0.00	28.57 0.76 0.00	28.02 0.75 0.00	26.59 0.73 0.00	26.56 0.74 0.00	27.52 0.79 0.00	30.39 0.84 0.00	30.39 0.80 0.00	30.33 0.80 0.00	31.68 0.83 0.00	31.93 0.83 0.00	31.00 0.80 0.00	32.48 0.80 0.00	32.90 0.79 0.00	29.92 0.68 0.00	26.62 0.56 0.00
GILBOA____2 23757	32.36 0.86 0.00	20.59 0.47 0.00	21.48 0.46 0.00	19.69 0.45 0.00	20.15 0.51 0.00	19.80 0.52 0.00	19.17 0.48 0.00	21.07 0.56 0.00	23.46 0.62 0.00	28.57 0.76 0.00	28.02 0.75 0.00	26.59 0.73 0.00	26.56 0.74 0.00	27.52 0.79 0.00	30.39 0.84 0.00	30.39 0.80 0.00	30.33 0.80 0.00	31.68 0.83 0.00	31.93 0.83 0.00	31.00 0.80 0.00	32.48 0.80 0.00	32.90 0.79 0.00	29.92 0.68 0.00	26.62 0.56 0.00
GILBOA____3 23758	32.36 0.86 0.00	20.59 0.47 0.00	21.48 0.46 0.00	19.69 0.45 0.00	20.15 0.51 0.00	19.80 0.52 0.00	19.17 0.48 0.00	21.07 0.56 0.00	23.46 0.62 0.00	28.57 0.76 0.00	28.02 0.75 0.00	26.59 0.73 0.00	26.56 0.74 0.00	27.52 0.79 0.00	30.39 0.84 0.00	30.39 0.80 0.00	30.33 0.80 0.00	31.68 0.83 0.00	31.93 0.83 0.00	31.00 0.80 0.00	32.48 0.80 0.00	32.90 0.79 0.00	29.92 0.68 0.00	26.62 0.56 0.00
GILBOA____4 23759	32.36 0.86 0.00	20.59 0.47 0.00	21.48 0.46 0.00	19.69 0.45 0.00	20.15 0.51 0.00	19.80 0.52 0.00	19.17 0.48 0.00	21.07 0.56 0.00	23.46 0.62 0.00	28.57 0.76 0.00	28.02 0.75 0.00	26.59 0.73 0.00	26.56 0.74 0.00	27.52 0.79 0.00	30.39 0.84 0.00	30.39 0.80 0.00	30.33 0.80 0.00	31.68 0.83 0.00	31.93 0.83 0.00	31.00 0.80 0.00	32.48 0.80 0.00	32.90 0.79 0.00	29.92 0.68 0.00	26.62 0.56 0.00
GILBOA____ 23599	32.36 0.86 0.00	20.59 0.47 0.00	21.48 0.46 0.00	19.69 0.45 0.00	20.15 0.52 0.00	19.80 0.52 0.00	19.17 0.48 0.00	21.07 0.56 0.00	23.46 0.62 0.00	28.57 0.76 0.00	28.02 0.75 0.00	26.59 0.73 0.00	26.55 0.74 0.00	27.52 0.79 0.00	30.39 0.84 0.00	30.39 0.80 0.00	30.33 0.80 0.00	31.68 0.83 0.00	31.93 0.83 0.00	31.00 0.80 0.00	32.48 0.80 0.00	32.90 0.79 0.00	29.92 0.68 0.00	26.62 0.56 0.00
GINNA____ 23603	32.04 0.55 0.00	20.55 0.43 0.00	21.61 0.59 0.00	19.81 0.57 0.00	20.23 0.60 0.00	19.86 0.58 0.00	19.26 0.57 0.00	21.08 0.56 0.00	23.48 0.64 0.00	28.46 0.66 0.00	27.70 0.43 0.00	26.19 0.33 0.00	26.20 0.39 0.00	27.14 0.40 0.00	29.81 0.26 0.00	29.89 0.30 0.00	29.96 0.44 0.00	31.35 0.50 0.00	31.54 0.44 0.00	30.57 0.38 0.00	32.24 0.56 0.00	32.80 0.69 0.00	30.09 0.85 0.00	27.11 1.05 0.00

GLEN PARK____ 23778	32.56 1.06 0.00	20.79 0.67 0.00	21.65 0.63 0.00	19.79 0.55 0.00	20.18 0.55 0.00	19.88 0.60 0.00	19.25 0.56 0.00	21.21 0.70 0.00	23.81 0.89 -0.09	30.45 1.14 -1.52	28.41 1.12 -0.03	26.92 1.06 0.00	28.00 1.03 -1.15	29.05 1.03 -1.29	32.11 1.02 -1.54	32.34 1.02 -1.73	32.37 1.12 -1.73	34.14 1.34 -1.95	34.53 1.44 -1.99	33.47 1.42 -1.85	35.26 1.47 -2.11	35.67 1.40 -2.16	32.17 1.22 -1.70	27.70 1.01 -0.63
GLENDALE_27_KV_LOAD 356172	34.22 2.35 -0.37	21.66 1.36 -0.18	22.35 1.28 -0.05	20.44 1.20 0.00	20.82 1.19 0.00	20.44 1.16 0.00	19.92 1.23 0.00	21.94 1.43 0.00	24.51 1.68 0.00	30.04 2.08 -0.16	29.59 2.10 -0.22	27.95 2.02 -0.07	27.95 2.02 -0.12	28.78 2.05 0.00	31.65 2.09 0.00	31.67 2.08 0.00	31.63 2.10 0.00	33.02 2.13 -0.05	33.21 2.11 0.00	32.27 2.04 -0.03	33.77 2.05 -0.04	34.69 2.04 -0.54	31.88 1.83 -0.80	27.92 1.55 -0.31
GLENWOOD_IC_1_G5 23712	34.13 2.26 -0.37	21.62 1.32 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.77 1.14 0.00	20.40 1.12 0.00	19.87 1.18 0.00	21.88 1.36 0.00	24.46 1.61 0.00	29.97 2.02 -0.16	29.45 1.95 -0.22	29.11 1.92 -1.33	28.87 1.89 -1.16	28.53 1.80 0.00	31.34 1.79 0.00	31.37 1.78 0.00	31.32 1.79 0.00	32.77 1.87 -0.05	32.98 1.88 0.00	32.06 1.84 -0.03	33.48 1.76 -0.04	34.41 1.77 -0.54	31.60 1.55 -0.80	27.92 1.55 -0.31
GLENWOOD_IC_2_G1 23688	33.94 2.07 -0.37	21.51 1.21 -0.18	22.20 1.13 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.31 1.03 0.00	19.78 1.09 0.00	21.78 1.27 0.00	24.34 1.50 0.00	29.83 1.87 -0.16	29.41 1.92 -0.22	29.06 1.87 -1.33	28.84 1.86 -1.16	28.54 1.81 0.00	31.39 1.83 0.00	31.40 1.81 0.00	31.35 1.82 0.00	32.79 1.89 -0.05	33.00 1.90 0.00	32.07 1.85 -0.03	33.51 1.79 -0.04	34.45 1.81 -0.54	31.62 1.58 -0.80	27.77 1.40 -0.31
GLENWOOD_IC_3_G1 23689	33.94 2.07 -0.37	21.51 1.21 -0.18	22.20 1.13 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.31 1.03 0.00	19.78 1.09 0.00	21.78 1.27 0.00	24.34 1.50 0.00	29.83 1.87 -0.16	29.41 1.92 -0.22	29.06 1.87 -1.33	28.84 1.86 -1.16	28.54 1.81 0.00	31.39 1.83 0.00	31.40 1.81 0.00	31.35 1.82 0.00	32.79 1.89 -0.05	33.00 1.90 0.00	32.07 1.85 -0.03	33.51 1.79 -0.04	34.45 1.81 -0.54	31.62 1.58 -0.80	27.77 1.40 -0.31
GLENWOOD____4 23550	34.13 2.26 -0.37	21.62 1.32 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.77 1.14 0.00	20.40 1.12 0.00	19.87 1.18 0.00	21.88 1.36 0.00	24.46 1.61 0.00	29.98 2.02 -0.16	29.51 2.02 -0.22	29.16 1.98 -1.33	28.94 1.96 -1.16	28.59 1.86 0.00	31.42 1.87 0.00	31.44 1.85 0.00	31.39 1.86 0.00	32.85 1.95 -0.05	33.07 1.97 0.00	32.14 1.92 -0.03	33.56 1.84 -0.04	34.49 1.84 -0.54	31.67 1.62 -0.80	27.92 1.55 -0.31
GLENWOOD____5 23614	34.13 2.26 -0.37	21.62 1.32 -0.18	22.31 1.24 -0.05	20.39 1.15 0.00	20.77 1.14 0.00	20.40 1.12 0.00	19.87 1.18 0.00	21.88 1.36 0.00	24.46 1.61 0.00	29.98 2.02 -0.16	29.51 2.02 -0.22	29.16 1.98 -1.33	28.94 1.96 -1.16	28.59 1.86 0.00	31.42 1.87 0.00	31.44 1.85 0.00	31.39 1.86 0.00	32.85 1.95 -0.05	33.07 1.97 0.00	32.14 1.92 -0.03	33.56 1.84 -0.04	34.49 1.84 -0.54	31.67 1.62 -0.80	27.92 1.55 -0.31
GLOBAL GREEN_PORT_GT1 23814	36.33 4.47 -0.37	23.07 2.77 -0.18	23.93 2.86 -0.05	21.84 2.60 0.00	22.24 2.60 0.00	21.68 2.40 0.00	21.16 2.46 0.00	23.24 2.72 0.00	26.14 3.30 0.00	32.24 4.28 -0.16	51.66 4.44 -19.95	64.17 4.33 -33.98	143.54 4.42 -113.30	37.44 4.26 -6.45	38.04 4.48 -4.01	33.72 4.13 0.00	33.67 4.14 0.00	35.27 4.37 -0.05	35.44 4.34 0.00	34.47 4.24 -0.03	35.74 4.02 -0.04	36.61 3.97 -0.54	33.52 3.48 -0.80	29.54 3.17 -0.31
GLOBE____DSASP 323697	30.91 -0.59 0.00	19.97 -0.15 0.00	21.17 0.15 0.00	19.43 0.19 0.00	19.88 0.24 0.00	19.50 0.21 0.00	18.91 0.21 0.00	20.63 0.12 0.00	22.93 0.09 0.00	27.59 -0.21 0.00	26.50 -0.77 0.00	24.88 -0.98 0.00	24.92 -0.90 0.00	25.76 -0.97 0.00	28.10 -1.45 0.00	28.26 -1.33 0.00	28.32 -1.21 0.00	29.63 -1.22 0.00	29.71 -1.39 0.00	28.75 -1.45 0.00	30.53 -1.16 0.00	31.30 -0.81 0.00	29.09 -0.15 0.00	26.64 0.58 0.00
GOETHSLN____LBMP 323567	33.80 1.93 -0.37	21.41 1.11 -0.18	22.10 1.03 -0.05	20.20 0.96 0.00	20.59 0.96 0.00	20.23 0.95 0.00	19.71 1.02 0.00	21.73 1.21 0.00	24.27 1.43 0.00	29.73 1.77 -0.16	29.26 1.77 -0.22	27.62 1.69 -0.07	27.63 1.70 -0.12	28.47 1.73 0.00	31.31 1.76 0.00	31.32 1.73 0.00	31.28 1.75 0.00	32.66 1.77 -0.05	32.85 1.75 0.00	31.90 1.67 -0.03	33.35 1.62 -0.04	34.27 1.62 -0.54	31.50 1.46 -0.80	27.59 1.22 -0.31
GOLAH____69_KV_TB 1_2 80279	32.22 0.72 0.00	20.66 0.54 0.00	21.78 0.76 0.00	20.00 0.76 0.00	20.41 0.77 0.00	20.03 0.75 0.00	19.45 0.75 0.00	21.27 0.75 0.00	23.69 0.85 0.00	28.64 0.84 0.00	27.79 0.52 0.00	26.22 0.37 0.00	26.25 0.44 0.00	27.17 0.44 0.00	29.79 0.24 0.00	29.91 0.32 0.00	29.97 0.44 0.00	31.42 0.56 0.00	31.60 0.50 0.00	30.63 0.43 0.00	32.38 0.69 0.00	32.99 0.88 0.00	30.33 1.09 0.00	27.45 1.39 0.00
GOODYEAR_LAKE_HYD 323669	32.75 1.26 0.00	20.85 0.73 0.00	21.75 0.73 0.00	19.93 0.69 0.00	20.36 0.72 0.00	20.00 0.72 0.00	19.41 0.72 0.00	21.35 0.84 0.00	23.85 0.99 -0.02	29.37 1.22 -0.36	28.45 1.18 -0.01	26.98 1.12 0.00	27.24 1.15 -0.27	28.24 1.20 -0.31	31.19 1.28 -0.36	31.27 1.27 -0.41	31.26 1.32 -0.41	32.73 1.42 -0.46	33.01 1.43 -0.47	32.03 1.39 -0.44	33.60 1.42 -0.50	33.99 1.37 -0.51	30.81 1.17 -0.40	27.22 1.01 -0.15
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.94 0.45 0.00	20.41 0.29 0.00	21.35 0.33 0.00	19.54 0.30 0.00	19.94 0.31 0.00	19.60 0.32 0.00	19.02 0.32 0.00	20.90 0.38 0.00	23.32 0.44 -0.04	28.97 0.48 -0.69	27.61 0.33 -0.01	26.13 0.27 0.00	26.68 0.33 -0.53	27.69 0.36 -0.60	30.55 0.29 -0.71	30.72 0.33 -0.80	30.71 0.38 -0.80	32.29 0.53 -0.90	32.50 0.48 -0.92	31.45 0.39 -0.85	33.11 0.46 -0.97	33.66 0.55 -1.00	30.56 0.53 -0.79	26.90 0.55 -0.29
GOUDEY____7 23579	31.97 0.47 0.00	20.43 0.31 0.00	21.37 0.35 0.00	19.55 0.32 0.00	19.96 0.33 0.00	19.62 0.34 0.00	19.04 0.34 0.00	20.92 0.40 0.00	23.34 0.46 -0.04	29.00 0.51 -0.69	27.64 0.35 -0.01	26.16 0.30 0.00	26.71 0.36 -0.53	27.72 0.39 -0.60	30.58 0.32 -0.71	30.75 0.36 -0.80	30.74 0.41 -0.80	32.32 0.56 -0.90	32.53 0.51 -0.92	31.48 0.43 -0.85	33.15 0.49 -0.97	33.69 0.59 -1.00	30.59 0.56 -0.79	26.92 0.57 -0.29
GOUDEY____8 23580	31.94 0.45 0.00	20.41 0.29 0.00	21.35 0.33 0.00	19.54 0.30 0.00	19.94 0.31 0.00	19.60 0.32 0.00	19.02 0.32 0.00	20.90 0.38 0.00	23.32 0.44 -0.04	28.97 0.48 -0.69	27.61 0.33 -0.01	26.13 0.27 0.00	26.68 0.33 -0.53	27.69 0.36 -0.60	30.55 0.29 -0.71	30.72 0.33 -0.80	30.71 0.38 -0.80	32.29 0.53 -0.90	32.50 0.48 -0.92	31.45 0.39 -0.85	33.11 0.46 -0.97	33.66 0.55 -1.00	30.56 0.53 -0.79	26.90 0.55 -0.29

GOWANUS_GT1_1 24077	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> -0.31
GOWANUS_GT1_2 24078	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> -0.31
GOWANUS_GT1_3 24079	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> -0.31
GOWANUS_GT1_4 24080	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> -0.31
GOWANUS_GT1_5 24084	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> -0.31
GOWANUS_GT1_6 24111	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.41 <u>1.18</u> 0.00	20.80 <u>1.17</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.92 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.01 <u>2.05</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.50</u> 

GOWANUS_GT2_8 24121	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> -0.31
GOWANUS_GT3_1 24122	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> -0.31
GOWANUS_GT3_2 24123	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> -0.31
GOWANUS_GT3_3 24124	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> -0.31
GOWANUS_GT3_4 24125	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> -0.31
GOWANUS_GT3_5 24126	34.18 <u>2.32</u> -0.37	21.63 <u>1.33</u> -0.18	22.33 <u>1.26</u> -0.05	20.42 <u>1.18</u> 0.00	20.80 <u>1.16</u> 0.00	20.42 <u>1.14</u> 0.00	19.89 <u>1.20</u> 0.00	21.91 <u>1.40</u> 0.00	24.49 <u>1.65</u> 0.00	30.00 <u>2.04</u> -0.16	29.56 <u>2.07</u> -0.22	27.90 <u>1.97</u> -0.07	27.92 <u>1.98</u> -0.12	28.74 <u>2.01</u> 0.00	31.62 <u>2.07</u> 0.00	31.64 <u>2.05</u> 0.00	31.58 <u>2.05</u> 0.00	32.99 <u>2.09</u> -0.05	33.18 <u>2.08</u> 0.00	32.40 <u>2.00</u> -0.20	33.93 <u>2.00</u> -0.24	34.65 <u>2.01</u> -0.54	31.84 <u>1.79</u> -0.80	27.87 <u>1.49</u> 

GOWANUS_GT4_7 24136	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.41 1.18 0.00	20.80 1.17 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.92 1.40 0.00	24.49 1.65 0.00	30.01 2.05 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.50 -0.31
GOWANUS_GT4_8 24137	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.41 1.18 0.00	20.80 1.17 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.92 1.40 0.00	24.49 1.65 0.00	30.01 2.05 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.50 -0.31
GREENBSH_115KV_TB3 55895	31.62 0.54 0.41	20.18 0.26 0.20	21.20 0.23 0.06	19.48 0.24 0.00	19.88 0.25 0.00	19.54 0.26 0.00	18.96 0.27 0.00	20.85 0.33 0.00	23.18 0.34 0.00	28.05 0.43 0.18	27.49 0.47 0.25	26.24 0.46 0.08	26.16 0.47 0.13	27.28 0.55 0.00	30.22 0.67 0.00	30.17 0.58 0.00	30.07 0.54 0.00	31.32 0.52 0.05	31.64 0.54 0.00	30.70 0.54 0.03	32.17 0.53 0.04	32.00 0.49 0.60	28.72 0.38 0.90	25.94 0.22 0.35
GREENDGE_115KV_TB5 80291	32.12 0.63 0.00	20.66 0.54 0.00	21.64 0.62 0.00	19.81 0.57 0.00	20.23 0.59 0.00	19.89 0.61 0.00	19.32 0.62 0.00	21.22 0.70 0.00	23.69 0.81 -0.03	29.21 0.86 -0.56	27.94 0.66 -0.01	26.40 0.54 0.00	26.85 0.61 -0.42	27.85 0.65 -0.48	30.62 0.50 -0.57	30.85 0.62 -0.64	30.73 0.56 -0.64	32.27 0.69 -0.72	32.60 0.76 -0.73	31.69 0.81 -0.69	33.21 0.75 -0.78	33.79 0.89 -0.80	30.89 1.02 -0.63	27.38 1.09 -0.23
GREENIDGE___3 23582	32.12 0.63 0.00	20.66 0.54 0.00	21.64 0.62 0.00	19.81 0.57 0.00	20.23 0.59 0.00	19.89 0.61 0.00	19.32 0.62 0.00	21.22 0.70 0.00	23.69 0.81 -0.03	29.21 0.86 -0.56	27.94 0.66 -0.01	26.40 0.54 0.00	26.85 0.61 -0.42	27.85 0.65 -0.48	30.62 0.50 -0.57	30.85 0.62 -0.64	30.73 0.56 -0.64	32.27 0.69 -0.72	32.60 0.76 -0.73	31.69 0.81 -0.69	33.21 0.75 -0.78	33.79 0.89 -0.80	30.89 1.02 -0.63	27.38 1.09 -0.23
GREENIDGE___4 23583	32.12 0.63 0.00	20.66 0.54 0.00	21.64 0.62 0.00	19.81 0.57 0.00	20.23 0.59 0.00	19.89 0.61 0.00	19.31 0.62 0.00	21.22 0.70 0.00	23.68 0.81 -0.03	29.22 0.87 -0.56	27.94 0.66 -0.01	26.40 0.54 0.00	26.85 0.61 -0.42	27.85 0.65 -0.48	30.62 0.50 -0.57	30.85 0.62 -0.64	30.73 0.56 -0.64	32.26 0.69 -0.72	32.61 0.76 -0.74	31.69 0.81 -0.69	33.20 0.74 -0.78	33.80 0.89 -0.80	30.89 1.02 -0.63	27.38 1.08 -0.23
GREENLWN_69_KV_BK 3 55738	34.08 2.21 -0.37	21.66 1.36 -0.18	22.32 1.25 -0.05	20.38 1.14 0.00	20.77 1.14 0.00	20.38 1.10 0.00	19.86 1.17 0.00	21.82 1.31 0.00	24.42 1.58 0.00	29.97 2.01 -0.16	29.04 2.11 0.33	22.18 2.24 5.91	17.53 2.24 10.53	27.24 1.93 1.43	30.47 1.80 0.89	31.30 1.71 0.00	31.22 1.69 0.00	32.64 1.74 -0.05	32.91 1.80 0.00	32.03 1.80 -0.03	33.33 1.61 -0.04	34.28 1.64 -0.54	31.53 1.49 -0.80	27.85 1.48 -0.31
GREENWD_138_KV_38B11_REV_LBMP_J 345004	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.41 1.18 0.00	20.80 1.17 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.92 1.40 0.00	24.49 1.65 0.00	30.01 2.05 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.50 -0.31
GRISSOM___SOLAR 323813	34.89 3.77 0.37	22.35 2.41 0.18	23.21 2.24 0.05	21.28 2.04 0.00	21.73 2.09 0.00	21.56 2.28 0.00	20.92 2.23 0.00	22.98 2.47 0.00	25.64 2.80 0.00	30.76 3.12 0.16	29.95 2.90 0.22	28.36 2.57 0.07	28.19 2.50 0.12	28.88 2.15 0.00	32.61 3.06 0.00	33.09 3.50 0.00	33.21 3.69 0.00	34.68 3.88 0.05	35.35 4.24 0.00	34.29 4.12 0.03	35.96 4.31 0.04	35.68 4.12 0.54	32.11 3.68 0.81	28.96 3.21 0.31
GROVEVILLE___HYD 323602	33.74 1.97 -0.28	21.38 1.12 -0.14	22.13 1.08 -0.04	20.25 1.02 0.00	20.65 1.02 0.00	20.29 1.01 0.00	19.75 1.06 0.00	21.76 1.24 0.00	24.28 1.44 0.00	29.71 1.79 -0.12	29.23 1.80 -0.17	27.68 1.76 -0.06	27.69 1.78 -0.09	28.56 1.83 0.00	31.46 1.91 0.00	31.48 1.90 0.00	31.46 1.93 0.00	32.91 2.02 -0.03	33.13 2.03 0.00	32.17 1.95 -0.02	33.67 1.96 -0.03	34.44 1.92 -0.41	31.52 1.67 -0.61	27.68 1.38 -0.24
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
HAMLTNNY_34_KV_TB 80303	31.66 0.16 0.00	20.25 0.13 0.00	21.22 0.20 0.00	19.45 0.21 0.00	19.86 0.22 0.00	19.47 0.19 0.00	18.89 0.20 0.00	20.69 0.17 0.00	23.15 0.20 -0.11	29.85 0.19 -1.86	27.41 0.11 -0.03	25.97 0.11 0.00	27.38 0.13 -1.43	28.49 0.15 -1.60	31.56 0.09 -1.92	31.87 0.12 -2.16	31.86 0.18 -2.15	33.48 0.20 -2.43	33.80 0.22 -2.48	32.71 0.21 -2.31	34.55 0.24 -2.62	35.05 0.25 -2.69	31.57 0.21 -2.12	27.16 0.31 -0.78
HAMPSHIRE___PAPER_HYD 323593	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.16 -0.04	28.69 0.28 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.12 -0.78	32.08 0.18 -0.79	31.15 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
HARDSCRABBLE_WT_PWR 323673	31.70 0.20 0.00	20.18 0.06 0.00	21.00 -0.02 0.00	19.20 -0.04 0.00	19.60 -0.03 0.00	19.36 0.08 0.00	18.77 0.08 0.00	20.69 0.18 0.00	23.02 0.19 0.00	28.03 0.23 0.00	27.47 0.20 0.00	26.08 0.22 0.00	26.07 0.26 0.00	27.00 0.27 0.00	29.98 0.43 0.00	30.01 0.42 0.00	29.92 0.40 0.00	31.33 0.48 0.00	31.58 0.48 0.00	30.68 0.48 0.00	32.16 0.47 0.00	32.53 0.42 0.00	29.46 0.22 0.00	26.10 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.52 1.71 -0.31	21.24 0.97 -0.15	21.93 0.87 -0.04	20.05 0.81 0.00	20.45 0.82 0.00	20.13 0.85 0.00	19.60 0.91 0.00	21.60 1.09 0.00	24.12 1.28 0.00	29.54 1.60 -0.13	29.07 1.62 -0.19	27.53 1.61 -0.06	27.52 1.61 -0.10	28.38 1.65 0.00	31.28 1.72 0.00	31.29 1.70 0.00	31.28 1.75 0.00	32.75 1.86 -0.04	32.97 1.86 0.00	31.99 1.77 -0.03	33.48 1.77 -0.03	34.30 1.74 -0.45	31.41 1.49 -0.68	27.55 1.23 -0.26

HARSNRAD_115KV_TB1 81005	31.42 -0.07 0.00	20.20 0.08 0.00	21.40 0.37 0.00	19.63 0.39 0.00	20.08 0.44 0.00	19.69 0.41 0.00	19.10 0.41 0.00	20.82 0.30 0.00	23.13 0.29 0.00	27.87 0.07 0.00	26.91 -0.36 0.00	25.29 -0.57 0.00	25.33 -0.49 0.00	26.22 -0.51 0.00	28.61 -0.95 0.00	28.78 -0.81 0.00	28.86 -0.67 0.00	30.21 -0.64 0.00	30.32 -0.78 0.00	29.34 -0.86 0.00	31.15 -0.54 0.00	31.89 -0.21 0.00	29.60 0.36 0.00	27.11 1.05 0.00
HARZA MOOSE___RIVER 24016	32.22 0.73 0.00	20.56 0.44 0.00	21.42 0.40 0.00	19.59 0.36 0.00	19.99 0.35 0.00	19.69 0.41 0.00	19.07 0.38 0.00	20.99 0.48 0.00	23.47 0.60 -0.03	29.14 0.80 -0.54	28.05 0.78 -0.01	26.57 0.72 0.00	26.90 0.70 -0.38	27.89 0.72 -0.43	30.81 0.74 -0.52	30.93 0.76 -0.58	30.89 0.78 -0.58	32.43 0.92 -0.66	32.73 0.96 -0.67	31.77 0.94 -0.62	33.36 0.97 -0.71	33.76 0.93 -0.73	30.64 0.82 -0.57	26.97 0.70 -0.21
HDSNBRDG_115KV_BRDG_TB1 355580	31.38 -0.12 0.00	20.11 -0.01 0.00	21.03 0.00 0.00	19.26 0.03 0.00	19.66 0.02 0.00	19.32 0.04 0.00	18.71 0.02 0.00	20.49 -0.02 0.00	22.86 -0.04 -0.06	28.69 -0.07 -0.96	27.14 -0.15 -0.02	25.72 -0.14 0.00	26.41 -0.14 -0.73	27.41 -0.14 -0.82	30.30 -0.24 -0.98	30.45 -0.24 -1.10	30.44 -0.19 -1.10	31.95 -0.15 -1.25	32.19 -0.18 -1.27	31.19 -0.19 -1.18	32.86 -0.17 -1.34	33.34 -0.15 -1.38	30.23 -0.09 -1.09	26.51 0.05 -0.40
HELLGATE_13_KV_LD 55870	34.00 2.13 -0.37	21.52 1.22 -0.18	22.22 1.15 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.04 0.00	19.81 1.11 0.00	21.81 1.30 0.00	24.37 1.53 0.00	29.86 1.90 -0.16	29.41 1.92 -0.22	27.78 1.85 -0.07	27.79 1.85 -0.12	28.61 1.88 0.00	31.45 1.90 0.00	31.47 1.88 0.00	31.42 1.89 0.00	32.81 1.91 -0.05	32.99 1.89 0.00	32.05 1.83 -0.03	33.55 1.83 -0.04	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.37 -0.31
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	34.00 2.13 -0.37	21.52 1.22 -0.18	22.22 1.15 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.04 0.00	19.81 1.11 0.00	21.81 1.30 0.00	24.37 1.53 0.00	29.86 1.90 -0.16	29.41 1.92 -0.22	27.78 1.85 -0.07	27.79 1.85 -0.12	28.61 1.88 0.00	31.45 1.90 0.00	31.47 1.88 0.00	31.42 1.89 0.00	32.81 1.91 -0.05	32.99 1.89 0.00	32.05 1.83 -0.03	33.55 1.83 -0.04	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.37 -0.31
HEMPSTEAD____ 23647	34.05 2.19 -0.37	21.59 1.29 -0.18	22.26 1.19 -0.05	20.34 1.10 0.00	20.73 1.10 0.00	20.35 1.07 0.00	19.83 1.13 0.00	21.81 1.30 0.00	24.40 1.56 0.00	29.94 1.98 -0.16	29.54 2.05 -0.22	29.23 2.04 -1.33	28.99 2.01 -1.16	28.57 1.84 0.00	31.35 1.80 0.00	31.37 1.78 0.00	31.30 1.77 0.00	32.77 1.87 -0.05	33.00 1.90 0.00	32.10 1.88 -0.03	33.48 1.76 -0.04	34.43 1.79 -0.54	31.63 1.58 -0.80	27.85 1.48 -0.31
HEWLETT__69_KV_BK3 55828	34.42 2.56 -0.37	21.81 1.51 -0.18	22.49 1.42 -0.05	20.55 1.31 0.00	20.95 1.31 0.00	20.58 1.30 0.00	20.05 1.36 0.00	22.07 1.55 0.00	24.67 1.84 0.00	30.24 2.28 -0.16	29.91 2.43 -0.22	29.52 2.34 -1.33	29.26 2.28 -1.16	28.83 2.10 0.00	31.67 2.12 0.00	31.69 2.10 0.00	31.62 2.09 0.00	33.14 2.24 -0.05	33.36 2.26 0.00	32.45 2.23 -0.03	33.85 2.13 -0.04	34.84 2.20 -0.54	32.01 1.96 -0.80	28.16 1.79 -0.31
HICKLING___1 23621	32.12 0.62 0.00	20.56 0.43 0.00	21.61 0.58 0.00	19.78 0.54 0.00	20.18 0.54 0.00	19.79 0.51 0.00	19.23 0.54 0.00	21.13 0.62 0.00	23.59 0.72 -0.03	29.12 0.76 -0.56	27.74 0.46 -0.01	26.21 0.35 0.00	26.69 0.44 -0.43	27.69 0.48 -0.48	30.46 0.33 -0.58	30.70 0.46 -0.65	30.68 0.51 -0.65	32.32 0.74 -0.73	32.47 0.63 -0.74	31.41 0.52 -0.69	33.11 0.64 -0.79	33.77 0.86 -0.81	30.78 0.91 -0.63	27.26 0.96 -0.23
HICKLING___2 23622	32.12 0.62 0.00	20.56 0.43 0.00	21.61 0.58 0.00	19.78 0.54 0.00	20.18 0.54 0.00	19.79 0.51 0.00	19.23 0.54 0.00	21.13 0.62 0.00	23.59 0.72 -0.03	29.12 0.76 -0.56	27.74 0.46 -0.01	26.21 0.35 0.00	26.69 0.44 -0.43	27.69 0.48 -0.48	30.46 0.33 -0.58	30.70 0.46 -0.65	30.68 0.51 -0.65	32.32 0.74 -0.73	32.47 0.63 -0.74	31.41 0.52 -0.69	33.11 0.64 -0.79	33.77 0.86 -0.81	30.78 0.91 -0.63	27.26 0.96 -0.23
HIGH FALLS___HY 23754	33.49 1.84 -0.15	21.24 1.05 -0.07	21.96 0.92 -0.02	20.10 0.86 0.00	20.50 0.87 0.00	20.19 0.91 0.00	19.66 0.96 0.00	21.67 1.16 0.00	24.22 1.38 0.00	29.59 1.72 -0.06	29.05 1.69 -0.09	27.51 1.62 -0.03	27.36 1.49 -0.05	28.24 1.51 0.00	30.96 1.41 0.00	31.00 1.41 0.00	31.13 1.60 0.00	32.59 1.72 -0.02	32.84 1.74 0.00	31.93 1.72 -0.01	33.63 1.93 -0.02	34.21 1.89 -0.22	31.19 1.63 -0.33	27.53 1.34 -0.13
HILLBURN___GT 23639	33.47 1.65 -0.32	21.21 0.93 -0.16	21.87 0.80 -0.04	19.99 0.75 0.00	20.38 0.74 0.00	20.09 0.81 0.00	19.56 0.87 0.00	21.57 1.06 0.00	24.09 1.25 0.00	29.49 1.55 -0.14	29.01 1.55 -0.19	27.43 1.51 -0.06	27.45 1.53 -0.10	28.31 1.58 0.00	31.18 1.62 0.00	31.18 1.58 0.00	31.14 1.61 0.00	32.61 1.71 -0.04	32.82 1.71 0.00	31.86 1.64 -0.03	33.33 1.61 -0.03	34.18 1.60 -0.47	31.33 1.39 -0.70	27.48 1.14 -0.27
HILLSIDE_115KV_TB1 80332	31.65 0.16 0.00	20.24 0.12 0.00	21.22 0.20 0.00	19.40 0.16 0.00	19.79 0.16 0.00	19.46 0.18 0.00	18.91 0.22 0.00	20.79 0.28 0.00	23.20 0.33 -0.04	28.68 0.29 -0.58	27.31 0.03 -0.01	25.81 -0.05 0.00	26.31 0.05 -0.45	27.30 0.07 -0.50	30.06 -0.10 -0.60	30.28 0.02 -0.67	30.25 0.04 -0.67	31.88 0.27 -0.76	32.04 0.16 -0.77	30.96 0.04 -0.72	32.64 0.13 -0.82	33.30 0.35 -0.84	30.30 0.40 -0.66	26.79 0.48 -0.24
HISHELDN_WT_PWR 323625	31.69 0.19 0.00	20.37 0.25 0.00	21.51 0.49 0.00	19.72 0.49 0.00	20.15 0.52 0.00	19.76 0.48 0.00	19.18 0.49 0.00	21.01 0.49 0.00	23.37 0.54 0.00	28.22 0.42 0.00	27.27 0.00 0.00	25.66 -0.20 0.00	25.72 -0.10 0.00	26.64 -0.09 0.00	29.13 -0.42 0.00	29.29 -0.30 0.00	29.35 -0.17 0.00	30.75 -0.10 0.00	30.86 -0.24 0.00	29.85 -0.35 0.00	31.63 -0.06 0.00	32.36 0.25 0.00	29.87 0.63 0.00	27.15 1.09 0.00
HOLTSVILLE_IC_1 23690	34.46 2.59 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.05 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.07 1.55 0.00	24.72 1.88 0.00	30.36 2.40 -0.16	49.99 2.49 -20.23	61.65 2.48 -33.32	141.66 2.49 -113.35	35.29 2.24 -6.32	35.67 2.19 -3.93	31.62 2.03 0.00	31.53 2.00 0.00	33.00 2.10 -0.05	33.27 2.17 0.00	32.40 2.17 -0.03	33.70 1.98 -0.04	34.67 2.02 -0.54	31.89 1.85 -0.80	28.15 1.78 -0.31
HOLTSVILLE_IC_10 23699	34.72 2.86 -0.37	22.09 1.79 -0.18	22.84 1.77 -0.05	20.83 1.59 0.00	21.23 1.59 0.00	20.75 1.47 0.00	20.23 1.54 0.00	22.22 1.71 0.00	24.90 2.06 0.00	30.60 2.64 -0.16	48.84 2.73 -18.83	64.37 2.74 -35.77	140.52 2.76 -111.95	36.04 2.50 -6.81	36.25 2.47 -4.23	31.86 2.27 0.00	31.78 2.25 0.00	33.29 2.39 -0.05	33.55 2.45 0.00	32.66 2.44 -0.03	33.97 2.25 -0.04	34.94 2.30 -0.54	32.13 2.09 -0.80	28.36 1.99 -0.31

HOLTSVILLE_IC_2 23691	34.46 2.59 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.05 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.07 1.55 0.00	24.72 1.88 0.00	30.36 2.40 -0.16	49.99 2.49 -20.23	61.65 2.48 -33.32	141.66 2.49 -113.35	35.29 2.24 -6.32	35.67 2.19 -3.93	31.62 2.03 0.00	31.53 2.00 0.00	33.00 2.10 -0.05	33.27 2.17 0.00	32.40 2.17 -0.03	33.70 1.98 -0.04	34.67 2.02 -0.54	31.89 1.85 -0.80	28.15 1.78 -0.31
HOLTSVILLE_IC_3 23692	34.46 2.59 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.05 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.07 1.55 0.00	24.72 1.88 0.00	30.36 2.40 -0.16	49.99 2.49 -20.23	61.65 2.48 -33.32	141.66 2.49 -113.35	35.29 2.24 -6.32	35.67 2.19 -3.93	31.62 2.03 0.00	31.53 2.00 0.00	33.00 2.10 -0.05	33.27 2.17 0.00	32.40 2.17 -0.03	33.70 1.98 -0.04	34.67 2.02 -0.54	31.89 1.85 -0.80	28.15 1.78 -0.31
HOLTSVILLE_IC_4 23693	34.46 2.59 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.05 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.07 1.55 0.00	24.72 1.88 0.00	30.36 2.40 -0.16	49.99 2.49 -20.23	61.65 2.48 -33.32	141.66 2.49 -113.35	35.29 2.24 -6.32	35.67 2.19 -3.93	31.62 2.03 0.00	31.53 2.00 0.00	33.00 2.10 -0.05	33.27 2.17 0.00	32.40 2.17 -0.03	33.70 1.98 -0.04	34.67 2.02 -0.54	31.89 1.85 -0.80	28.15 1.78 -0.31
HOLTSVILLE_IC_5 23694	34.46 2.59 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.05 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.07 1.55 0.00	24.72 1.88 0.00	30.36 2.40 -0.16	49.99 2.49 -20.23	61.65 2.48 -33.32	141.66 2.49 -113.35	35.29 2.24 -6.32	35.67 2.19 -3.93	31.62 2.03 0.00	31.53 2.00 0.00	33.00 2.10 -0.05	33.27 2.17 0.00	32.40 2.17 -0.03	33.70 1.98 -0.04	34.67 2.02 -0.54	31.89 1.85 -0.80	28.15 1.78 -0.31
HOLTSVILLE_IC_6 23695	34.72 2.86 -0.37	22.09 1.79 -0.18	22.84 1.77 -0.05	20.83 1.59 0.00	21.23 1.59 0.00	20.75 1.47 0.00	20.23 1.54 0.00	22.22 1.71 0.00	24.90 2.06 0.00	30.60 2.64 -0.16	48.84 2.73 -18.83	64.37 2.74 -35.77	140.52 2.76 -111.95	36.04 2.50 -6.81	36.25 2.47 -4.23	31.86 2.27 0.00	31.78 2.25 0.00	33.29 2.39 -0.05	33.55 2.45 0.00	32.66 2.44 -0.03	33.97 2.25 -0.04	34.94 2.30 -0.54	32.13 2.09 -0.80	28.36 1.99 -0.31
HOLTSVILLE_IC_7 23696	34.72 2.86 -0.37	22.09 1.79 -0.18	22.84 1.77 -0.05	20.83 1.59 0.00	21.23 1.59 0.00	20.75 1.47 0.00	20.23 1.54 0.00	22.22 1.71 0.00	24.90 2.06 0.00	30.60 2.64 -0.16	48.84 2.73 -18.83	64.37 2.74 -35.77	140.52 2.76 -111.95	36.04 2.50 -6.81	36.25 2.47 -4.23	31.86 2.27 0.00	31.78 2.25 0.00	33.29 2.39 -0.05	33.55 2.45 0.00	32.66 2.44 -0.03	33.97 2.25 -0.04	34.94 2.30 -0.54	32.13 2.09 -0.80	28.36 1.99 -0.31
HOLTSVILLE_IC_8 23697	34.72 2.86 -0.37	22.09 1.79 -0.18	22.84 1.77 -0.05	20.83 1.59 0.00	21.23 1.59 0.00	20.75 1.47 0.00	20.23 1.54 0.00	22.22 1.71 0.00	24.90 2.06 0.00	30.60 2.64 -0.16	48.84 2.73 -18.83	64.37 2.74 -35.77	140.52 2.76 -111.95	36.04 2.50 -6.81	36.25 2.47 -4.23	31.86 2.27 0.00	31.78 2.25 0.00	33.29 2.39 -0.05	33.55 2.45 0.00	32.66 2.44 -0.03	33.97 2.25 -0.04	34.94 2.30 -0.54	32.13 2.09 -0.80	28.36 1.99 -0.31
HOLTSVILLE_IC_9 23698	34.72 2.86 -0.37	22.09 1.79 -0.18	22.84 1.77 -0.05	20.83 1.59 0.00	21.23 1.59 0.00	20.75 1.47 0.00	20.23 1.54 0.00	22.22 1.71 0.00	24.90 2.06 0.00	30.60 2.64 -0.16	48.84 2.73 -18.83	64.37 2.74 -35.77	140.52 2.76 -111.95	36.04 2.50 -6.81	36.25 2.47 -4.23	31.86 2.27 0.00	31.78 2.25 0.00	33.29 2.39 -0.05	33.55 2.45 0.00	32.66 2.44 -0.03	33.97 2.25 -0.04	34.94 2.30 -0.54	32.13 2.09 -0.80	28.36 1.99 -0.31
HOMER_HL_115KV_TB2 355744	32.00 0.50 0.00	20.49 0.37 0.00	21.59 0.57 0.00	19.78 0.54 0.00	20.22 0.58 0.00	19.86 0.57 0.00	19.29 0.60 0.00	21.26 0.75 0.00	23.71 0.87 0.00	28.66 0.86 0.00	27.58 0.31 0.00	25.81 -0.04 0.00	25.89 0.07 0.00	26.89 0.16 0.00	29.45 -0.10 0.00	29.48 -0.11 0.00	29.57 0.04 0.00	31.04 0.18 0.00	31.12 0.02 0.00	30.03 -0.17 0.00	31.79 0.10 0.00	32.63 0.53 0.00	30.01 0.77 0.00	27.18 1.12 0.00
HOWARD_WT_PWR 323690	32.36 0.86 0.00	20.75 0.63 0.00	21.81 0.79 0.00	19.98 0.74 0.00	20.40 0.77 0.00	20.04 0.76 0.00	19.47 0.77 0.00	21.39 0.87 0.00	23.86 0.99 -0.02	29.25 1.06 -0.39	27.96 0.68 -0.01	26.35 0.49 0.00	26.70 0.59 -0.29	27.68 0.62 -0.33	30.39 0.44 -0.39	30.62 0.58 -0.45	30.64 0.67 -0.44	32.22 0.86 -0.50	32.35 0.73 -0.51	31.27 0.60 -0.48	33.02 0.79 -0.54	33.74 1.08 -0.56	30.87 1.19 -0.44	27.61 1.39 -0.16
HQ_GEN_CEDARS 23644	31.32 -0.18 0.00	20.02 -0.10 0.00	20.89 -0.13 0.00	19.03 -0.21 0.00	19.42 -0.21 0.00	19.07 -0.20 0.00	18.51 -0.18 0.00	20.34 -0.18 0.00	22.68 -0.16 0.00	27.65 -0.15 0.00	27.21 -0.05 0.00	25.80 -0.06 0.00	25.72 -0.09 0.00	26.60 -0.12 0.00	29.49 -0.06 0.00	29.53 -0.06 0.00	29.38 -0.15 0.00	30.63 -0.22 0.00	30.92 -0.19 0.00	30.05 -0.15 0.00	31.55 -0.13 0.00	31.98 -0.13 0.00	29.22 -0.02 0.00	26.01 -0.05 0.00
HQ_GEN_CEDARS_PROXY 323590	31.32 -0.18 0.00	20.02 -0.10 0.00	20.89 -0.13 0.00	19.03 -0.21 0.00	19.42 -0.21 0.00	19.07 -0.20 0.00	18.51 -0.18 0.00	20.34 -0.18 0.00	22.68 -0.16 0.00	27.65 -0.15 0.00	27.22 -0.05 0.00	25.80 -0.06 0.00	25.72 -0.09 0.00	26.61 -0.12 0.00	29.49 -0.06 0.00	29.53 -0.06 0.00	29.38 -0.15 0.00	30.64 -0.22 0.00	31.26 -0.19 -0.34	30.05 -0.15 0.00	31.55 -0.13 0.00	31.98 -0.13 0.00	29.22 -0.02 0.00	26.01 -0.05 0.00
HQ_GEN_IMPORT 323601	31.21 -0.29 0.00	19.94 -0.18 0.00	20.83 -0.19 0.00	19.02 -0.22 0.00	19.41 -0.23 0.00	19.05 -0.23 0.00	18.47 -0.22 0.00	20.35 -0.24 -0.08	22.59 -0.25 0.00	27.52 -0.28 0.00	27.04 -0.23 0.00	25.64 -0.22 0.00	25.58 -0.24 0.00	26.46 -0.27 0.00	29.34 -0.22 0.00	29.21 -0.20 0.18	29.30 -0.23 0.00	31.54 -0.28 -0.98	30.85 -0.25 0.00	29.95 -0.24 0.00	31.45 -0.24 0.00	31.86 -0.25 0.00	29.03 -0.21 0.00	25.84 -0.22 0.00
HQ_GEN_WHEEL 23651	31.21 -0.29 0.00	19.94 -0.18 0.00	20.83 -0.19 0.00	19.02 -0.22 0.00	19.41 -0.23 0.00	19.05 -0.23 0.00	18.47 -0.22 0.00	20.35 -0.24 -0.08	22.59 -0.25 0.00	27.52 -0.28 0.00	27.04 -0.23 0.00	25.64 -0.22 0.00	25.58 -0.24 0.00	26.46 -0.27 0.00	29.34 -0.22 0.00	29.21 -0.20 0.18	29.30 -0.23 0.00	31.54 -0.28 -0.98	30.85 -0.25 0.00	29.95 -0.24 0.00	31.45 -0.24 0.00	31.86 -0.25 0.00	29.03 -0.21 0.00	25.84 -0.22 0.00
HUDSON_AVE_GT_3 23810	34.04 2.17 -0.37	21.55 1.25 -0.18	22.26 1.19 -0.05	20.35 1.11 0.00	20.73 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.86 1.34 0.00	24.42 1.58 0.00	29.91 1.95 -0.16	29.44 1.96 -0.22	27.80 1.87 -0.07	27.81 1.88 -0.12	28.65 1.92 0.00	31.51 1.96 0.00	31.54 1.94 0.00	31.52 1.99 0.00	32.90 2.00 -0.05	33.08 1.98 0.00	32.13 1.90 -0.03	33.61 1.89 -0.04	34.53 1.89 -0.54	31.75 1.70 -0.80	27.80 1.43 -0.31

HUDSON AVE_GT_4 23540	34.04 2.17 -0.37	21.55 1.25 -0.18	22.26 1.19 -0.05	20.35 1.11 0.00	20.73 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.86 1.34 0.00	24.42 1.58 0.00	29.91 1.95 -0.16	29.44 1.96 -0.22	27.80 1.87 -0.07	27.81 1.88 -0.12	28.65 1.92 0.00	31.51 1.96 0.00	31.54 1.94 0.00	31.52 1.99 0.00	32.90 2.00 -0.05	33.08 1.98 0.00	32.13 1.90 -0.03	33.61 1.89 -0.04	34.53 1.89 -0.54	31.75 1.70 -0.80	27.80 1.43 -0.31
HUDSON AVE_GT_5 23657	34.04 2.17 -0.37	21.55 1.25 -0.18	22.26 1.19 -0.05	20.35 1.11 0.00	20.73 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.86 1.34 0.00	24.42 1.58 0.00	29.91 1.95 -0.16	29.44 1.96 -0.22	27.80 1.87 -0.07	27.81 1.88 -0.12	28.65 1.92 0.00	31.51 1.96 0.00	31.54 1.94 0.00	31.52 1.99 0.00	32.90 2.00 -0.05	33.08 1.98 0.00	32.13 1.90 -0.03	33.61 1.89 -0.04	34.53 1.89 -0.54	31.75 1.70 -0.80	27.80 1.43 -0.31
HUDSON_AVE_10 24168	33.95 2.09 -0.37	21.50 1.20 -0.18	22.20 1.13 -0.05	20.27 1.04 0.00	20.65 1.02 0.00	20.27 0.99 0.00	19.75 1.05 0.00	21.76 1.25 0.00	24.31 1.47 0.00	29.77 1.81 -0.16	29.28 1.79 -0.22	27.65 1.72 -0.07	27.67 1.74 -0.12	28.51 1.78 0.00	31.34 1.78 0.00	31.37 1.78 0.00	31.34 1.81 0.00	32.73 1.83 -0.05	32.91 1.81 0.00	31.97 1.74 -0.03	33.45 1.73 -0.04	34.37 1.73 -0.54	31.62 1.58 -0.80	27.67 1.30 -0.31
HUDSON___115KV_TB 4 355613	32.45 1.25 0.29	20.67 0.70 0.14	21.67 0.69 0.04	19.88 0.64 0.00	20.29 0.65 0.00	19.95 0.67 0.00	19.36 0.67 0.00	21.29 0.78 0.00	23.68 0.85 0.00	28.75 1.08 0.13	28.19 1.09 0.18	26.82 1.02 0.06	26.82 1.10 0.09	27.89 1.16 0.00	31.01 1.45 0.00	30.94 1.35 0.00	30.80 1.27 0.00	32.11 1.30 0.04	32.50 1.40 0.00	31.60 1.43 0.02	33.08 1.43 0.03	33.05 1.38 0.43	29.73 1.13 0.64	26.66 0.85 0.25
HUNTER MOUNT___DRP 323613	32.74 1.44 0.20	20.84 0.82 0.10	21.83 0.84 0.03	20.01 0.77 0.00	20.41 0.77 0.00	20.07 0.79 0.00	19.46 0.77 0.00	21.41 0.90 0.00	23.82 0.99 0.00	28.97 1.26 0.09	28.43 1.28 0.12	26.98 1.17 0.04	27.02 1.27 0.06	28.04 1.31 0.00	31.25 1.70 0.00	31.15 1.56 0.00	30.98 1.45 0.00	32.34 1.51 0.03	32.75 1.64 0.00	31.86 1.68 0.02	33.36 1.69 0.02	33.46 1.64 0.29	30.17 1.36 0.43	26.91 1.02 0.17
HUNTINGTON_RES_REC 323705	34.38 2.51 -0.37	21.87 1.56 -0.18	22.58 1.50 -0.05	20.61 1.37 0.00	21.00 1.36 0.00	20.54 1.26 0.00	20.03 1.33 0.00	22.00 1.49 0.00	24.65 1.81 0.00	30.27 2.31 -0.16	57.24 2.43 -27.55	112.67 2.51 -84.30	201.94 2.53 -173.60	45.34 2.23 -16.38	41.82 2.08 -10.19	31.56 1.97 0.00	31.47 1.94 0.00	32.93 2.04 -0.05	33.21 2.10 0.00	32.33 2.10 -0.03	33.63 1.91 -0.04	34.57 1.93 -0.54	31.79 1.75 -0.80	28.08 1.71 -0.31
HUNTLEY___63 23557	31.70 0.20 0.00	20.40 0.28 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.62 0.00	19.88 0.60 0.00	19.28 0.59 0.00	21.05 0.54 0.00	23.42 0.58 0.00	28.22 0.42 0.00	27.20 -0.07 0.00	25.56 -0.30 0.00	25.62 -0.19 0.00	26.54 -0.19 0.00	28.97 -0.58 0.00	29.16 -0.43 0.00	29.25 -0.28 0.00	30.63 -0.22 0.00	30.72 -0.38 0.00	29.69 -0.50 0.00	31.52 -0.16 0.00	32.27 0.16 0.00	29.91 0.67 0.00	27.34 1.28 0.00
HUNTLEY___64 23558	31.70 0.20 0.00	20.40 0.28 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.62 0.00	19.88 0.60 0.00	19.28 0.59 0.00	21.05 0.54 0.00	23.42 0.58 0.00	28.22 0.42 0.00	27.20 -0.07 0.00	25.56 -0.30 0.00	25.62 -0.19 0.00	26.54 -0.19 0.00	28.97 -0.58 0.00	29.16 -0.43 0.00	29.25 -0.28 0.00	30.63 -0.22 0.00	30.72 -0.38 0.00	29.69 -0.50 0.00	31.52 -0.16 0.00	32.27 0.16 0.00	29.91 0.67 0.00	27.34 1.28 0.00
HUNTLEY___65 23559	31.70 0.20 0.00	20.40 0.28 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.62 0.00	19.88 0.60 0.00	19.28 0.59 0.00	21.05 0.54 0.00	23.42 0.58 0.00	28.22 0.42 0.00	27.20 -0.07 0.00	25.56 -0.30 0.00	25.62 -0.19 0.00	26.54 -0.19 0.00	28.97 -0.58 0.00	29.16 -0.43 0.00	29.25 -0.28 0.00	30.63 -0.22 0.00	30.72 -0.38 0.00	29.69 -0.50 0.00	31.52 -0.16 0.00	32.27 0.16 0.00	29.91 0.67 0.00	27.34 1.28 0.00
HUNTLEY___66 23560	31.70 0.20 0.00	20.40 0.28 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.62 0.00	19.88 0.60 0.00	19.28 0.59 0.00	21.05 0.54 0.00	23.42 0.58 0.00	28.22 0.42 0.00	27.20 -0.07 0.00	25.56 -0.30 0.00	25.62 -0.19 0.00	26.54 -0.19 0.00	28.97 -0.58 0.00	29.16 -0.43 0.00	29.25 -0.28 0.00	30.63 -0.22 0.00	30.72 -0.38 0.00	29.69 -0.50 0.00	31.52 -0.16 0.00	32.27 0.16 0.00	29.91 0.67 0.00	27.34 1.28 0.00
HUNTLEY___67 23561	31.44 -0.06 0.00	20.20 0.08 0.00	21.40 0.38 0.00	19.63 0.39 0.00	20.07 0.43 0.00	19.68 0.40 0.00	19.09 0.40 0.00	20.87 0.35 0.00	23.21 0.37 0.00	27.97 0.17 0.00	26.99 -0.28 0.00	25.37 -0.49 0.00	25.41 -0.40 0.00	26.32 -0.41 0.00	28.72 -0.83 0.00	28.88 -0.71 0.00	28.96 -0.57 0.00	30.31 -0.54 0.00	30.41 -0.69 0.00	29.40 -0.80 0.00	31.20 -0.48 0.00	31.96 -0.15 0.00	29.63 0.39 0.00	27.06 0.99 0.00
HUNTLEY___68 23562	31.44 -0.06 0.00	20.20 0.08 0.00	21.40 0.38 0.00	19.63 0.39 0.00	20.07 0.43 0.00	19.68 0.40 0.00	19.09 0.40 0.00	20.87 0.35 0.00	23.21 0.37 0.00	27.97 0.17 0.00	26.99 -0.28 0.00	25.37 -0.49 0.00	25.41 -0.40 0.00	26.32 -0.41 0.00	28.72 -0.83 0.00	28.88 -0.71 0.00	28.96 -0.57 0.00	30.31 -0.54 0.00	30.41 -0.69 0.00	29.40 -0.80 0.00	31.20 -0.48 0.00	31.96 -0.15 0.00	29.63 0.39 0.00	27.06 0.99 0.00
HYLAND___LFGE 323620	33.32 1.83 0.00	21.33 1.21 0.00	22.55 1.54 0.00	20.69 1.45 0.00	21.13 1.49 0.00	20.64 1.36 0.00	20.07 1.38 0.00	22.01 1.50 0.00	24.53 1.69 0.00	29.53 1.74 0.00	28.45 1.18 0.00	26.74 0.88 0.00	26.64 0.82 0.00	27.40 0.67 0.00	30.33 0.78 0.00	30.68 1.09 0.00	30.81 1.28 0.00	32.25 1.40 0.00	32.76 1.66 0.00	31.95 1.76 0.00	33.87 2.19 0.00	34.44 2.33 0.00	31.53 2.29 0.00	28.40 2.34 0.00
INDECK___CORINTH 23802	32.57 1.52 0.45	20.68 0.78 0.22	21.79 0.83 0.06	20.02 0.78 0.00	20.37 0.73 0.00	20.03 0.75 0.00	19.46 0.77 0.00	21.36 0.85 0.00	23.90 1.06 0.00	28.89 1.28 0.19	28.04 1.04 0.27	26.81 1.04 0.09	26.67 0.99 0.14	27.59 0.86 0.00	30.70 1.15 0.00	30.85 1.26 0.00	30.59 1.06 0.00	31.81 1.01 0.06	32.24 1.14 0.00	31.50 1.34 0.04	32.94 1.30 0.05	32.84 1.38 0.65	29.39 1.12 0.98	26.52 0.84 0.38
INDECK___ILION 23567	31.70 0.21 0.00	20.19 0.07 0.00	21.06 0.03 0.00	19.27 0.03 0.00	19.67 0.03 0.00	19.37 0.09 0.00	18.77 0.08 0.00	20.65 0.14 0.00	22.99 0.15 0.00	27.98 0.18 0.00	27.44 0.17 0.00	26.02 0.17 0.00	25.99 0.17 0.00	26.92 0.19 0.00	29.82 0.27 0.00	29.86 0.26 0.00	29.79 0.26 0.00	31.16 0.31 0.00	31.42 0.31 0.00	30.51 0.31 0.00	31.99 0.31 0.00	32.38 0.28 0.00	29.39 0.15 0.00	26.12 0.05 0.00



INDECK___OLEAN 23982	31.99 0.50 0.00	20.49 0.37 0.00	21.59 0.57 0.00	19.78 0.54 0.00	20.22 0.58 0.00	19.85 0.57 0.00	19.29 0.60 0.00	21.26 0.75 0.00	23.71 0.87 0.00	28.68 0.87 0.00	27.58 0.32 0.00	25.82 -0.04 0.00	25.89 0.08 0.00	26.89 0.15 0.00	29.45 -0.10 0.00	29.48 -0.11 0.00	29.57 0.04 0.00	31.04 0.18 0.00	31.12 0.01 0.00	30.03 -0.17 0.00	31.79 0.10 0.00	32.63 0.52 0.00	30.02 0.77 0.00	27.18 1.11 0.00
INDECK___OSWEGO 23783	30.98 -0.51 0.00	19.87 -0.25 0.00	20.77 -0.25 0.00	19.03 -0.21 0.00	19.41 -0.22 0.00	19.09 -0.19 0.00	18.47 -0.22 0.00	20.22 -0.29 0.00	22.73 -0.35 -0.25	31.59 -0.45 -4.24	26.85 -0.50 -0.07	25.38 -0.48 0.00	28.60 -0.47 -3.25	29.90 -0.49 -3.65	33.31 -0.60 -4.36	33.90 -0.59 -4.90	33.85 -0.57 -4.89	35.84 -0.54 -5.53	36.18 -0.55 -5.63	34.90 -0.54 -5.24	37.10 -0.55 -5.97	37.69 -0.54 -6.12	33.59 -0.47 -4.82	27.49 -0.34 -1.78
INDECK___YERKES 23781	31.73 0.24 0.00	20.42 0.30 0.00	21.62 0.61 0.00	19.83 0.59 0.00	20.27 0.64 0.00	19.91 0.62 0.00	19.30 0.60 0.00	21.07 0.56 0.00	23.44 0.60 0.00	28.27 0.47 0.00	27.24 -0.03 0.00	25.60 -0.26 0.00	25.66 -0.15 0.00	26.57 -0.16 0.00	29.01 -0.54 0.00	29.19 -0.40 0.00	29.28 -0.24 0.00	30.66 -0.19 0.00	30.76 -0.35 0.00	29.74 -0.46 0.00	31.58 -0.11 0.00	32.32 0.21 0.00	29.95 0.71 0.00	27.37 1.31 0.00
INDIAN POINT_GT_1 24139	33.56 1.70 -0.36	21.25 0.96 -0.18	21.97 0.90 -0.05	20.08 0.84 0.00	20.48 0.84 0.00	20.12 0.84 0.00	19.59 0.89 0.00	21.58 1.07 0.00	24.09 1.26 0.00	29.51 1.55 -0.15	29.04 1.56 -0.21	27.44 1.51 -0.07	27.46 1.53 -0.11	28.28 1.55 0.00	31.15 1.59 0.00	31.16 1.57 0.00	31.11 1.58 0.00	32.54 1.64 -0.04	32.75 1.64 0.00	31.81 1.58 -0.03	33.28 1.56 -0.04	34.18 1.55 -0.52	31.38 1.36 -0.78	27.50 1.13 -0.30
INDIAN POINT_GT_2 23659	33.56 1.70 -0.36	21.25 0.96 -0.18	21.97 0.90 -0.05	20.08 0.84 0.00	20.48 0.84 0.00	20.12 0.84 0.00	19.59 0.89 0.00	21.58 1.07 0.00	24.09 1.26 0.00	29.51 1.55 -0.15	29.04 1.56 -0.21	27.44 1.51 -0.07	27.46 1.53 -0.11	28.28 1.55 0.00	31.15 1.59 0.00	31.16 1.57 0.00	31.11 1.58 0.00	32.54 1.64 -0.04	32.75 1.64 0.00	31.81 1.58 -0.03	33.28 1.56 -0.04	34.18 1.55 -0.52	31.38 1.36 -0.78	27.50 1.13 -0.30
INDIAN POINT_GT_3 24019	33.56 1.70 -0.36	21.25 0.96 -0.18	21.97 0.90 -0.05	20.08 0.84 0.00	20.48 0.84 0.00	20.12 0.84 0.00	19.59 0.89 0.00	21.58 1.07 0.00	24.09 1.26 0.00	29.51 1.55 -0.15	29.04 1.56 -0.21	27.44 1.51 -0.07	27.46 1.53 -0.11	28.28 1.55 0.00	31.15 1.59 0.00	31.16 1.57 0.00	31.11 1.58 0.00	32.54 1.64 -0.04	32.75 1.64 0.00	31.81 1.58 -0.03	33.28 1.56 -0.04	34.18 1.55 -0.52	31.38 1.36 -0.78	27.50 1.13 -0.30
INDIAN POINT___2 23530	33.50 1.65 -0.35	21.22 0.93 -0.17	21.93 0.87 -0.05	20.06 0.82 0.00	20.45 0.82 0.00	20.09 0.81 0.00	19.57 0.87 0.00	21.56 1.04 0.00	24.07 1.23 0.00	29.47 1.52 -0.15	29.00 1.53 -0.21	27.41 1.48 -0.07	27.41 1.48 -0.11	28.26 1.53 0.00	31.11 1.56 0.00	31.12 1.53 0.00	31.08 1.55 0.00	32.51 1.61 -0.04	32.71 1.61 0.00	31.77 1.55 -0.03	33.24 1.52 -0.04	34.13 1.52 -0.50	31.32 1.33 -0.75	27.46 1.11 -0.29
INDIAN POINT___3 23531	33.52 1.66 -0.36	21.23 0.93 -0.18	21.94 0.87 -0.05	20.06 0.82 0.00	20.46 0.82 0.00	20.10 0.82 0.00	19.57 0.88 0.00	21.56 1.04 0.00	24.06 1.22 0.00	29.47 1.52 -0.15	29.01 1.53 -0.22	27.41 1.48 -0.07	27.41 1.48 -0.12	28.26 1.53 0.00	31.12 1.57 0.00	31.12 1.53 0.00	31.08 1.55 0.00	32.51 1.61 -0.04	32.71 1.61 0.00	31.76 1.54 -0.03	33.24 1.52 -0.04	34.14 1.51 -0.52	31.36 1.33 -0.79	27.47 1.10 -0.30
INGHAM_C_115KV_TB7 356103	31.71 0.22 0.00	20.13 0.01 0.00	20.93 -0.09 0.00	19.13 -0.11 0.00	19.53 -0.11 0.00	19.29 0.01 0.00	18.72 0.02 0.00	20.65 0.14 0.00	22.97 0.14 0.00	27.95 0.15 0.00	27.39 0.12 0.00	26.02 0.16 0.00	26.02 0.21 0.00	26.95 0.22 0.00	29.96 0.41 0.00	30.00 0.41 0.00	29.89 0.36 0.00	31.30 0.45 0.00	31.58 0.47 0.00	30.67 0.48 0.00	32.15 0.46 0.00	32.51 0.40 0.00	29.39 0.15 0.00	26.00 -0.07 0.00
IP CORINTH___1 23988	32.75 1.70 0.45	20.80 0.89 0.22	21.91 0.95 0.06	20.13 0.89 0.00	20.48 0.84 0.00	20.14 0.86 0.00	19.56 0.87 0.00	21.48 0.97 0.00	24.02 1.18 0.00	29.05 1.44 0.19	28.19 1.19 0.27	26.96 1.19 0.09	26.82 1.15 0.14	27.75 1.02 0.00	30.87 1.32 0.00	31.01 1.42 0.00	30.76 1.24 0.00	31.99 1.19 0.06	32.43 1.32 0.00	31.67 1.51 0.04	33.12 1.49 0.05	33.02 1.57 0.65	29.56 1.30 0.98	26.68 0.99 0.38
IP___TICONDEROGA 23804	34.26 3.22 0.46	21.58 1.68 0.22	22.57 1.61 0.06	20.82 1.57 0.00	21.14 1.51 0.00	20.81 1.53 0.00	20.28 1.58 0.00	22.30 1.79 0.00	24.97 2.13 0.00	30.23 2.63 0.20	29.46 2.46 0.27	28.16 2.40 0.09	27.97 2.30 0.15	29.22 2.49 0.00	32.76 3.20 0.00	32.95 3.35 0.00	32.70 3.17 0.00	33.93 3.13 0.06	34.39 3.29 0.00	33.49 3.33 0.04	34.86 3.22 0.05	34.57 3.13 0.66	30.93 2.68 0.99	27.93 2.25 0.39
ISLIP_RES_REC 323679	34.96 3.10 -0.37	22.24 1.94 -0.18	23.00 1.93 -0.05	20.98 1.74 0.00	21.38 1.74 0.00	20.87 1.59 0.00	20.34 1.65 0.00	22.35 1.84 0.00	25.05 2.21 0.00	30.79 2.83 -0.16	47.48 2.94 -17.27	61.50 2.95 -32.69	131.73 2.98 -102.94	35.65 2.72 -6.20	36.09 2.69 -3.85	32.07 2.48 0.00	32.00 2.48 0.00	33.54 2.64 -0.05	33.80 2.70 0.00	32.90 2.68 -0.03	34.21 2.48 -0.04	35.17 2.52 -0.54	32.33 2.29 -0.80	28.52 2.14 -0.31
JAMAICA___27_KV_LOAD 355505	34.26 2.39 -0.37	21.66 1.36 -0.18	22.38 1.31 -0.05	20.44 1.20 0.00	20.82 1.19 0.00	20.43 1.15 0.00	19.90 1.21 0.00	21.94 1.43 0.00	24.51 1.67 0.00	29.99 2.03 -0.16	29.44 1.95 -0.22	27.83 1.90 -0.07	27.86 1.93 -0.12	28.71 1.98 0.00	31.51 1.96 0.00	31.58 1.98 0.00	31.46 1.93 0.00	32.90 2.00 -0.05	33.10 2.00 0.00	32.17 1.94 -0.03	33.70 1.98 -0.04	34.62 1.98 -0.54	31.89 1.84 -0.80	27.88 1.50 -0.31
JANIS___SOLAR 323808	33.03 1.54 0.00	21.09 0.98 0.00	22.03 1.01 0.00	20.15 0.91 0.00	20.56 0.93 0.00	20.22 0.94 0.00	19.62 0.92 0.00	21.59 1.07 0.00	24.15 1.26 -0.05	30.15 1.48 -0.87	28.59 1.30 -0.02	26.99 1.14 0.00	27.68 1.20 -0.67	28.79 1.31 -0.75	31.77 1.32 -0.90	31.90 1.30 -1.01	32.01 1.48 -1.00	33.85 1.86 -1.13	34.21 1.95 -1.16	33.21 1.94 -1.08	34.96 2.05 -1.22	35.35 1.98 -1.26	31.94 1.71 -0.99	27.96 1.53 -0.36
JARVIS____ 23743	31.61 0.11 0.00	20.18 0.06 0.00	21.07 0.05 0.00	19.30 0.06 0.00	19.70 0.07 0.00	19.36 0.08 0.00	18.75 0.06 0.00	20.59 0.08 0.00	22.93 0.09 0.00	27.91 0.11 0.00	27.36 0.09 0.00	25.94 0.08 0.00	25.87 0.05 0.00	26.79 0.05 0.00	29.61 0.06 0.00	29.65 0.06 0.00	29.59 0.06 0.00	30.93 0.08 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.75 0.06 0.00	32.18 0.07 0.00	29.30 0.06 0.00	26.11 0.05 0.00

JENNISON___1 23625	33.15 1.65 0.00	21.14 1.02 0.00	22.06 1.04 0.00	20.17 0.94 0.00	20.59 0.95 0.00	20.25 0.96 0.00	19.65 0.95 0.00	21.65 1.14 0.00	24.22 1.35 -0.04	30.06 1.64 -0.62	28.77 1.50 -0.01	27.26 1.40 0.00	27.77 1.48 -0.48	28.79 1.52 -0.54	31.77 1.57 -0.64	31.91 1.60 -0.72	31.98 1.74 -0.72	33.70 2.03 -0.81	33.99 2.06 -0.83	32.97 2.00 -0.77	34.65 2.09 -0.88	35.05 2.04 -0.90	31.69 1.74 -0.71	27.86 1.54 -0.26
JENNISON___2 23626	33.15 1.65 0.00	21.14 1.02 0.00	22.06 1.04 0.00	20.17 0.94 0.00	20.59 0.95 0.00	20.25 0.96 0.00	19.65 0.95 0.00	21.65 1.14 0.00	24.22 1.35 -0.04	30.06 1.64 -0.62	28.77 1.50 -0.01	27.26 1.40 0.00	27.77 1.48 -0.48	28.79 1.52 -0.54	31.77 1.57 -0.64	31.91 1.60 -0.72	31.98 1.74 -0.72	33.70 2.03 -0.81	33.99 2.06 -0.83	32.97 2.00 -0.77	34.65 2.09 -0.88	35.05 2.04 -0.90	31.69 1.74 -0.71	27.86 1.54 -0.26
JERICHO_RISE_WT_PWR 323719	32.01 0.51 0.00	20.32 0.20 0.00	21.24 0.22 0.00	19.15 -0.09 0.00	19.45 -0.19 0.00	18.87 -0.41 0.00	18.37 -0.32 0.00	20.37 -0.14 0.00	23.08 0.24 0.00	28.32 0.52 0.00	27.86 0.59 0.00	26.43 0.57 0.00	26.35 0.53 0.00	27.36 0.63 0.00	30.39 0.84 0.00	30.47 0.88 0.00	30.31 0.79 0.00	31.63 0.77 0.00	31.95 0.84 0.00	31.08 0.88 0.00	32.53 0.85 0.00	32.93 0.82 0.00	29.95 0.70 0.00	26.58 0.51 0.00
KATONAH___115KV_46KV_TB4 355592	33.81 1.95 -0.36	21.40 1.10 -0.18	22.12 1.06 -0.05	20.22 0.98 0.00	20.61 0.98 0.00	20.23 0.95 0.00	19.71 1.02 0.00	21.71 1.19 0.00	24.23 1.39 0.00	29.70 1.75 -0.16	29.25 1.77 -0.22	27.64 1.71 -0.07	27.66 1.73 -0.12	28.50 1.77 0.00	31.38 1.83 0.00	31.40 1.81 0.00	31.36 1.83 0.00	32.80 1.91 -0.05	33.01 1.90 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.42 1.79 -0.53	31.60 1.57 -0.79	27.68 1.31 -0.31
KCE_NY_1 323755	32.74 1.71 0.47	20.84 0.95 0.23	21.95 0.99 0.06	20.17 0.92 0.00	20.57 0.93 0.00	20.21 0.93 0.00	19.62 0.92 0.00	21.58 1.06 0.00	24.02 1.18 0.00	29.06 1.46 0.20	28.35 1.36 0.28	27.09 1.32 0.09	26.99 1.32 0.15	28.12 1.39 0.00	31.19 1.63 0.00	31.22 1.63 0.00	31.11 1.58 0.00	32.42 1.63 0.06	32.79 1.68 0.00	31.89 1.73 0.04	33.36 1.73 0.05	33.15 1.72 0.68	29.70 1.48 1.02	26.85 1.18 0.40
KCE_NY_6_ESR 323823	31.78 0.29 0.00	20.41 0.29 0.00	21.59 0.56 0.00	19.80 0.56 0.00	20.23 0.59 0.00	19.85 0.56 0.00	19.25 0.56 0.00	21.09 0.57 0.00	23.46 0.62 0.00	28.30 0.50 0.00	27.31 0.04 0.00	25.69 -0.17 0.00	25.75 -0.06 0.00	26.68 -0.05 0.00	29.15 -0.40 0.00	29.31 -0.28 0.00	29.39 -0.13 0.00	30.79 -0.06 0.00	30.89 -0.21 0.00	29.87 -0.33 0.00	31.68 0.00 0.00	32.43 0.33 0.00	30.00 0.76 0.00	27.33 1.26 0.00
KEDC_PORT_JEFF_GT2 24210	34.57 2.71 -0.37	22.01 1.71 -0.18	22.73 1.66 -0.05	20.73 1.49 0.00	21.12 1.49 0.00	20.67 1.40 0.00	20.16 1.46 0.00	22.15 1.64 0.00	24.82 1.98 0.00	30.49 2.53 -0.16	50.13 2.56 -20.30	68.32 2.55 -39.91	150.40 2.53 -122.05	36.58 2.23 -7.62	36.46 2.18 -4.74	31.58 1.99 0.00	31.45 1.93 0.00	32.91 2.02 -0.05	33.18 2.07 0.00	32.30 2.07 -0.03	33.59 1.87 -0.04	34.67 2.03 -0.54	31.98 1.94 -0.80	28.25 1.88 -0.31
KEDC_PORT_JEFF_GT3 24211	34.57 2.71 -0.37	22.01 1.71 -0.18	22.73 1.66 -0.05	20.73 1.49 0.00	21.12 1.49 0.00	20.67 1.40 0.00	20.16 1.46 0.00	22.15 1.64 0.00	24.82 1.98 0.00	30.49 2.53 -0.16	50.13 2.56 -20.30	68.32 2.55 -39.91	150.40 2.53 -122.05	36.58 2.23 -7.62	36.46 2.18 -4.74	31.58 1.99 0.00	31.45 1.93 0.00	32.91 2.02 -0.05	33.18 2.07 0.00	32.30 2.07 -0.03	33.59 1.87 -0.04	34.67 2.03 -0.54	31.98 1.94 -0.80	28.25 1.88 -0.31
KEDC_GLWD_GT4 24219	34.12 2.26 -0.37	21.62 1.32 -0.18	22.31 1.24 -0.05	20.38 1.14 0.00	20.77 1.14 0.00	20.40 1.12 0.00	19.87 1.18 0.00	21.88 1.36 0.00	24.46 1.62 0.00	29.97 2.02 -0.16	29.45 1.95 -0.22	29.11 1.92 -1.33	28.87 1.88 -1.16	28.53 1.80 0.00	31.34 1.79 0.00	31.37 1.78 0.00	31.33 1.80 0.00	32.77 1.87 -0.05	32.99 1.88 0.00	32.06 1.84 -0.03	33.47 1.75 -0.04	34.41 1.77 -0.54	31.59 1.55 -0.80	27.92 1.55 -0.31
KEDC_GLWD_GT5 24220	34.12 2.26 -0.37	21.62 1.32 -0.18	22.31 1.24 -0.05	20.38 1.14 0.00	20.77 1.14 0.00	20.40 1.12 0.00	19.87 1.18 0.00	21.88 1.36 0.00	24.46 1.62 0.00	29.97 2.02 -0.16	29.45 1.95 -0.22	29.11 1.92 -1.33	28.87 1.88 -1.16	28.53 1.80 0.00	31.34 1.79 0.00	31.37 1.78 0.00	31.33 1.80 0.00	32.77 1.87 -0.05	32.99 1.88 0.00	32.06 1.84 -0.03	33.47 1.75 -0.04	34.41 1.77 -0.54	31.59 1.55 -0.80	27.92 1.55 -0.31
KENSICO____ 23655	33.70 1.83 -0.37	21.34 1.04 -0.18	22.05 0.98 -0.05	20.16 0.92 0.00	20.55 0.91 0.00	20.18 0.90 0.00	19.65 0.96 0.00	21.66 1.14 0.00	24.18 1.33 0.00	29.62 1.66 -0.16	29.15 1.66 -0.22	27.54 1.61 -0.07	27.54 1.61 -0.12	28.38 1.65 0.00	31.24 1.69 0.00	31.26 1.67 0.00	31.21 1.68 0.00	32.63 1.74 -0.05	32.83 1.73 0.00	31.89 1.66 -0.03	33.36 1.64 -0.04	34.28 1.64 -0.53	31.49 1.45 -0.80	27.58 1.21 -0.31
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.54 1.86 -0.18	21.26 1.06 -0.09	21.99 0.95 -0.02	20.12 0.88 0.00	20.53 0.90 0.00	20.21 0.93 0.00	19.67 0.98 0.00	21.68 1.17 0.00	24.23 1.39 0.00	29.61 1.73 -0.08	29.06 1.69 -0.11	27.52 1.63 -0.04	27.34 1.46 -0.06	28.21 1.48 0.00	30.95 1.40 0.00	30.97 1.38 0.00	31.12 1.59 0.00	32.56 1.68 -0.02	32.82 1.72 0.00	31.92 1.71 -0.01	33.67 1.97 -0.02	34.29 1.92 -0.26	31.27 1.65 -0.38	27.56 1.35 -0.15
KIAC_JFK_GT1 23816	34.02 2.15 -0.37	21.51 1.22 -0.18	22.25 1.18 -0.05	20.32 1.08 0.00	20.69 1.05 0.00	20.29 1.01 0.00	19.77 1.08 0.00	21.79 1.28 0.00	24.35 1.51 0.00	29.79 1.83 -0.16	29.25 1.76 -0.22	27.64 1.71 -0.07	27.64 1.70 -0.12	28.48 1.75 0.00	31.28 1.73 0.00	31.34 1.75 0.00	31.23 1.70 0.00	32.65 1.75 -0.05	32.85 1.74 0.00	31.92 1.69 -0.03	33.45 1.73 -0.04	34.37 1.72 -0.54	31.67 1.62 -0.80	27.68 1.31 -0.31
KIAC_JFK_GT2 23817	34.02 2.15 -0.37	21.51 1.22 -0.18	22.25 1.18 -0.05	20.32 1.08 0.00	20.69 1.05 0.00	20.29 1.01 0.00	19.77 1.08 0.00	21.79 1.28 0.00	24.35 1.51 0.00	29.79 1.83 -0.16	29.25 1.76 -0.22	27.64 1.71 -0.07	27.64 1.70 -0.12	28.48 1.75 0.00	31.28 1.73 0.00	31.34 1.75 0.00	31.23 1.70 0.00	32.65 1.75 -0.05	32.85 1.74 0.00	31.92 1.69 -0.03	33.45 1.73 -0.04	34.37 1.72 -0.54	31.67 1.62 -0.80	27.68 1.31 -0.31
KIAC_JFK____ 323774	34.02 2.15 -0.37	21.51 1.22 -0.18	22.25 1.18 -0.05	20.32 1.08 0.00	20.69 1.05 0.00	20.29 1.01 0.00	19.77 1.08 0.00	21.80 1.28 0.00	24.35 1.51 0.00	29.78 1.82 -0.16	29.25 1.76 -0.22	27.64 1.71 -0.07	27.64 1.70 -0.12	28.48 1.75 0.00	31.28 1.73 0.00	31.34 1.75 0.00	31.23 1.70 0.00	32.65 1.75 -0.05	32.84 1.74 0.00	31.91 1.69 -0.03	33.45 1.73 -0.04	34.37 1.72 -0.54	31.67 1.62 -0.80	27.68 1.31 -0.31

KINTIGH____ 23543	31.49 0.00 0.00	20.23 0.11 0.00	21.38 0.36 0.00	19.62 0.38 0.00	20.06 0.42 0.00	19.67 0.39 0.00	19.08 0.39 0.00	20.87 0.35 0.00	23.21 0.37 0.00	28.01 0.21 0.00	27.10 -0.17 0.00	25.49 -0.37 0.00	25.53 -0.29 0.00	26.41 -0.32 0.00	28.87 -0.68 0.00	28.99 -0.60 0.00	29.08 -0.45 0.00	30.41 -0.44 0.00	30.54 -0.57 0.00	29.55 -0.65 0.00	31.30 -0.38 0.00	32.01 -0.09 0.00	29.61 0.36 0.00	26.95 0.89 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	32.50 1.01 0.00	20.61 0.49 0.00	21.55 0.53 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.67 -0.03 0.00	20.72 0.20 0.00	23.44 0.60 0.00	28.79 0.99 0.00	28.32 1.05 0.00	26.88 1.02 0.00	26.80 0.98 0.00	27.87 1.13 0.00	30.97 1.42 0.00	31.04 1.45 0.00	30.89 1.36 0.00	32.25 1.39 0.00	32.58 1.48 0.00	31.71 1.51 0.00	33.15 1.46 0.00	33.52 1.41 0.00	30.43 1.18 0.00	26.98 0.92 0.00
LACHUTE__HYDRO 323717	34.25 3.22 0.46	21.58 1.68 0.22	22.57 1.61 0.06	20.81 1.57 0.00	21.14 1.51 0.00	20.81 1.53 0.00	20.28 1.58 0.00	22.30 1.79 0.00	24.97 2.13 0.00	30.23 2.63 0.20	29.46 2.46 0.27	28.17 2.39 0.09	27.97 2.30 0.15	29.22 2.49 0.00	32.76 3.20 0.00	32.94 3.35 0.00	32.70 3.17 0.00	33.93 3.13 0.06	34.39 3.29 0.00	33.49 3.33 0.04	34.87 3.23 0.05	34.57 3.13 0.66	30.93 2.68 0.99	27.93 2.26 0.39
LAWRNCV_115KV_TB1 80681	31.29 -0.21 0.00	19.98 -0.14 0.00	20.84 -0.18 0.00	18.97 -0.27 0.00	19.39 -0.24 0.00	19.04 -0.24 0.00	18.49 -0.20 0.00	20.35 -0.17 0.00	22.70 -0.16 -0.02	27.98 -0.10 -0.28	27.29 0.01 0.00	25.88 0.02 0.00	26.01 -0.01 -0.20	26.92 -0.05 -0.23	29.75 -0.08 -0.28	29.74 -0.16 -0.31	29.52 -0.32 -0.31	30.79 -0.41 -0.35	31.09 -0.37 -0.35	30.22 -0.31 -0.33	31.76 -0.30 -0.38	32.25 -0.24 -0.39	29.55 0.01 -0.30	26.18 0.01 -0.11
LEDERLE____ 23769	33.59 1.76 -0.33	21.28 1.00 -0.16	21.99 0.93 -0.05	20.10 0.86 0.00	20.50 0.87 0.00	20.16 0.88 0.00	19.63 0.94 0.00	21.64 1.13 0.00	24.16 1.32 0.00	29.60 1.66 -0.14	29.12 1.65 -0.20	27.52 1.60 -0.06	27.54 1.61 -0.11	28.39 1.66 0.00	31.27 1.72 0.00	31.27 1.68 0.00	31.24 1.72 0.00	32.71 1.82 -0.04	32.93 1.83 0.00	31.96 1.73 -0.03	33.45 1.72 -0.03	34.30 1.71 -0.48	31.45 1.49 -0.72	27.58 1.24 -0.28
LIGHTHSE_115KV_TB6 355974	31.55 0.05 0.00	20.20 0.08 0.00	21.10 0.08 0.00	19.32 0.08 0.00	19.71 0.07 0.00	19.38 0.10 0.00	18.76 0.07 0.00	20.58 0.07 0.00	23.07 0.09 -0.14	30.22 0.12 -2.30	27.39 0.08 -0.04	25.92 0.06 0.00	27.60 0.03 -1.75	28.73 0.03 -1.97	31.84 -0.07 -2.36	32.17 -0.07 -2.65	32.10 -0.08 -2.64	33.86 0.02 -2.99	34.18 0.03 -3.04	33.07 0.03 -2.84	34.96 0.05 -3.23	35.50 0.08 -3.31	31.99 0.14 -2.61	27.19 0.16 -0.96
LINDEN COGEN____ 23786	33.77 1.91 -0.37	21.40 1.10 -0.18	22.09 1.02 -0.05	20.19 0.95 0.00	20.58 0.94 0.00	20.22 0.94 0.00	19.71 1.02 0.00	21.72 1.20 0.00	24.26 1.42 0.00	29.71 1.75 -0.16	29.24 1.75 -0.22	27.61 1.68 -0.07	27.62 1.68 -0.12	28.46 1.73 0.00	31.29 1.74 0.00	31.31 1.71 0.00	31.26 1.73 0.00	32.65 1.75 -0.05	32.84 1.73 0.00	31.87 1.64 -0.03	33.33 1.61 -0.04	34.25 1.61 -0.54	31.49 1.45 -0.80	27.58 1.21 -0.31
LINDHRST_69_KV_BK1 356055	34.70 2.84 -0.37	22.03 1.73 -0.18	22.70 1.63 -0.05	20.72 1.48 0.00	21.11 1.47 0.00	20.70 1.42 0.00	20.17 1.47 0.00	22.17 1.66 0.00	24.85 2.01 0.00	30.55 2.59 -0.16	31.91 2.67 -1.98	32.69 2.67 -4.16	40.68 2.67 -12.20	29.66 2.37 -0.56	32.19 2.29 -0.35	31.80 2.20 0.00	31.75 2.22 0.00	33.24 2.34 -0.05	33.51 2.41 0.00	32.64 2.42 -0.03	34.03 2.30 -0.04	35.02 2.37 -0.54	32.19 2.14 -0.80	28.36 1.99 -0.31
LIPA_MISC_IPP 23656	34.72 2.86 -0.37	22.09 1.79 -0.18	22.83 1.76 -0.05	20.82 1.58 0.00	21.21 1.58 0.00	20.75 1.47 0.00	20.24 1.55 0.00	22.24 1.72 0.00	24.91 2.07 0.00	30.60 2.64 -0.16	50.05 2.75 -20.03	62.38 2.75 -33.77	141.89 2.78 -113.28	35.68 2.54 -6.41	36.07 2.53 -3.99	31.89 2.29 0.00	31.83 2.30 0.00	33.35 2.45 -0.05	33.60 2.50 0.00	32.71 2.48 -0.03	34.02 2.30 -0.04	34.96 2.31 -0.54	32.14 2.10 -0.80	28.34 1.97 -0.31
LISF__SOLAR 323691	34.81 2.94 -0.37	22.14 1.84 -0.18	22.87 1.80 -0.05	20.85 1.61 0.00	21.25 1.62 0.00	20.80 1.52 0.00	20.28 1.59 0.00	22.29 1.77 0.00	24.97 2.13 0.00	30.67 2.71 -0.16	49.86 2.81 -19.77	62.90 2.81 -34.23	141.72 2.86 -113.04	35.86 2.63 -6.50	36.24 2.65 -4.04	31.96 2.37 0.00	31.92 2.39 0.00	33.45 2.55 -0.05	33.70 2.60 0.00	32.82 2.59 -0.03	34.12 2.40 -0.04	35.05 2.41 -0.54	32.21 2.17 -0.80	28.42 2.04 -0.31
LITTLE FALLS__HYD 24013	31.71 0.22 0.00	20.13 0.01 0.00	20.93 -0.09 0.00	19.13 -0.11 0.00	19.53 -0.11 0.00	19.29 0.01 0.00	18.72 0.02 0.00	20.65 0.14 0.00	22.97 0.14 0.00	27.95 0.15 0.00	27.39 0.12 0.00	26.02 0.16 0.00	26.02 0.21 0.00	26.95 0.22 0.00	29.96 0.41 0.00	30.00 0.41 0.00	29.89 0.36 0.00	31.30 0.45 0.00	31.58 0.47 0.00	30.67 0.48 0.00	32.15 0.46 0.00	32.51 0.40 0.00	29.39 0.15 0.00	26.00 -0.07 0.00
LITTLRIV_115KV_TB1 356100	31.62 0.13 0.00	20.19 0.07 0.00	21.02 0.00 0.00	19.12 -0.12 0.00	19.55 -0.09 0.00	19.22 -0.06 0.00	18.68 -0.02 0.00	20.56 0.05 0.00	22.96 0.10 -0.02	28.32 0.21 -0.30	27.60 0.32 0.00	26.17 0.31 0.00	26.32 0.28 -0.22	27.24 0.26 -0.25	30.10 0.25 -0.30	30.12 0.19 -0.33	29.92 0.06 -0.33	31.22 -0.01 -0.38	31.55 0.06 -0.38	30.65 0.10 -0.36	32.22 0.13 -0.41	32.69 0.17 -0.42	29.91 0.34 -0.33	26.47 0.29 -0.12
LI_NEWBRDGE__DRP 323616	33.92 2.06 -0.37	21.53 1.23 -0.18	22.20 1.13 -0.05	20.28 1.04 0.00	20.67 1.04 0.00	20.29 1.01 0.00	19.77 1.08 0.00	21.74 1.22 0.00	24.31 1.48 0.00	29.83 1.87 -0.16	29.44 1.95 -0.22	29.14 1.96 -1.33	28.92 1.94 -1.16	28.46 1.73 0.00	31.23 1.68 0.00	31.22 1.63 0.00	31.15 1.62 0.00	32.59 1.69 -0.05	32.84 1.74 0.00	31.96 1.73 -0.03	33.31 1.60 -0.04	34.27 1.63 -0.54	31.51 1.47 -0.80	27.76 1.39 -0.31
LOCKPORT_115KV_TB60_63_64 80432	31.44 -0.05 0.00	20.21 0.09 0.00	21.40 0.38 0.00	19.64 0.40 0.00	20.08 0.45 0.00	19.70 0.42 0.00	19.11 0.42 0.00	20.82 0.31 0.00	23.13 0.29 0.00	27.86 0.06 0.00	26.91 -0.36 0.00	25.30 -0.56 0.00	25.33 -0.48 0.00	26.22 -0.51 0.00	28.61 -0.94 0.00	28.79 -0.80 0.00	28.87 -0.66 0.00	30.24 -0.61 0.00	30.34 -0.76 0.00	29.36 -0.83 0.00	31.18 -0.51 0.00	31.92 -0.18 0.00	29.61 0.37 0.00	27.14 1.08 0.00
LOCKPORT__CC1 323769	31.42 -0.07 0.00	20.20 0.08 0.00	21.39 0.37 0.00	19.63 0.39 0.00	20.08 0.44 0.00	19.69 0.41 0.00	19.10 0.41 0.00	20.82 0.30 0.00	23.13 0.30 0.00	27.88 0.08 0.00	26.91 -0.36 0.00	25.29 -0.57 0.00	25.34 -0.48 0.00	26.22 -0.51 0.00	28.61 -0.94 0.00	28.78 -0.81 0.00	28.86 -0.67 0.00	30.22 -0.63 0.00	30.32 -0.78 0.00	29.34 -0.85 0.00	31.15 -0.53 0.00	31.90 -0.21 0.00	29.60 0.36 0.00	27.11 1.05 0.00

LOCKPORT___CC2 323770	31.42 -0.07 0.00	20.20 0.08 0.00	21.39 0.37 0.00	19.63 0.39 0.00	20.08 0.44 0.00	19.69 0.41 0.00	19.10 0.41 0.00	20.82 0.30 0.00	23.13 0.30 0.00	27.88 0.08 0.00	26.91 -0.36 0.00	25.29 -0.57 0.00	25.34 -0.48 0.00	26.22 -0.51 0.00	28.61 -0.94 0.00	28.78 -0.81 0.00	28.86 -0.67 0.00	30.22 -0.63 0.00	30.32 -0.78 0.00	29.34 -0.85 0.00	31.15 -0.53 0.00	31.90 -0.21 0.00	29.60 0.36 0.00	27.11 1.05 0.00
LOCKPORT___CC3 323771	31.42 -0.07 0.00	20.20 0.08 0.00	21.39 0.37 0.00	19.63 0.39 0.00	20.08 0.44 0.00	19.69 0.41 0.00	19.10 0.41 0.00	20.82 0.30 0.00	23.13 0.30 0.00	27.88 0.08 0.00	26.91 -0.36 0.00	25.29 -0.57 0.00	25.34 -0.48 0.00	26.22 -0.51 0.00	28.61 -0.94 0.00	28.78 -0.81 0.00	28.86 -0.67 0.00	30.22 -0.63 0.00	30.32 -0.78 0.00	29.34 -0.85 0.00	31.15 -0.53 0.00	31.90 -0.21 0.00	29.60 0.36 0.00	27.11 1.05 0.00
LONG_LAKE_PHOENIX 24014	31.20 -0.30 0.00	20.01 -0.11 0.00	20.90 -0.12 0.00	19.16 -0.08 0.00	19.54 -0.09 0.00	19.22 -0.06 0.00	18.61 -0.09 0.00	20.36 -0.15 0.00	22.80 -0.23 -0.19	30.72 -0.29 -3.21	26.95 -0.38 -0.06	25.49 -0.37 0.00	27.93 -0.35 -2.46	29.14 -0.36 -2.77	32.39 -0.48 -3.31	32.84 -0.47 -3.72	32.81 -0.42 -3.70	34.66 -0.39 -4.19	34.97 -0.41 -4.27	33.76 -0.41 -3.97	35.81 -0.40 -4.52	36.35 -0.39 -4.64	32.57 -0.32 -3.65	27.22 -0.19 -1.35
LOVETT___3 23632	33.44 1.60 -0.34	21.18 0.90 -0.16	21.90 0.83 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.07 0.78 0.00	19.54 0.85 0.00	21.54 1.02 0.00	24.04 1.20 0.00	29.44 1.50 -0.14	28.96 1.49 -0.20	27.38 1.45 -0.07	27.38 1.46 -0.11	28.23 1.50 0.00	31.09 1.54 0.00	31.09 1.50 0.00	31.05 1.52 0.00	32.49 1.60 -0.04	32.71 1.60 0.00	31.75 1.53 -0.03	33.23 1.51 -0.03	34.10 1.50 -0.49	31.28 1.31 -0.73	27.43 1.08 -0.28
LOVETT___4 23642	33.44 1.60 -0.34	21.18 0.90 -0.16	21.90 0.83 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.07 0.78 0.00	19.54 0.85 0.00	21.54 1.02 0.00	24.04 1.20 0.00	29.44 1.50 -0.14	28.96 1.49 -0.20	27.38 1.45 -0.07	27.38 1.46 -0.11	28.23 1.50 0.00	31.09 1.54 0.00	31.09 1.50 0.00	31.05 1.52 0.00	32.49 1.60 -0.04	32.71 1.60 0.00	31.75 1.53 -0.03	33.23 1.51 -0.03	34.10 1.50 -0.49	31.28 1.31 -0.73	27.43 1.08 -0.28
LOVETT___5 23593	33.44 1.60 -0.34	21.18 0.90 -0.16	21.90 0.83 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.07 0.78 0.00	19.54 0.85 0.00	21.54 1.02 0.00	24.04 1.20 0.00	29.44 1.50 -0.14	28.96 1.49 -0.20	27.38 1.45 -0.07	27.38 1.46 -0.11	28.23 1.50 0.00	31.09 1.54 0.00	31.09 1.50 0.00	31.05 1.52 0.00	32.49 1.60 -0.04	32.71 1.60 0.00	31.75 1.53 -0.03	33.23 1.51 -0.03	34.10 1.50 -0.49	31.28 1.31 -0.73	27.43 1.08 -0.28
LOWER RAQUET___HYD 24057	31.28 -0.22 0.00	19.97 -0.15 0.00	20.82 -0.20 0.00	18.95 -0.29 0.00	19.38 -0.26 0.00	19.02 -0.25 0.00	18.49 -0.20 0.00	20.35 -0.16 0.00	22.71 -0.15 -0.02	28.03 -0.09 -0.32	27.31 0.04 -0.01	25.90 0.05 0.00	26.07 0.02 -0.23	26.98 -0.01 -0.27	29.78 -0.09 -0.32	29.75 -0.19 -0.35	29.51 -0.37 -0.35	30.77 -0.48 -0.40	31.08 -0.43 -0.41	30.21 -0.37 -0.38	31.76 -0.36 -0.43	32.27 -0.28 -0.44	29.61 0.02 -0.35	26.23 0.04 -0.13
LOWER___HUDSON 24059	32.05 1.12 0.58	20.46 0.62 0.28	21.57 0.63 0.08	19.85 0.61 0.00	20.25 0.61 0.00	19.89 0.62 0.00	19.32 0.63 0.00	21.23 0.72 0.00	23.58 0.74 0.00	28.48 0.93 0.25	27.85 0.92 0.35	26.63 0.89 0.11	26.52 0.89 0.18	27.72 0.99 0.00	30.73 1.18 0.00	30.68 1.09 0.00	30.57 1.04 0.00	31.81 1.03 0.07	32.15 1.05 0.00	31.19 1.04 0.05	32.69 1.06 0.06	32.34 1.07 0.84	28.89 0.91 1.26	26.27 0.70 0.49
LOWVILLE_115KV_TB2 356335	32.19 0.69 0.00	20.54 0.42 0.00	21.41 0.39 0.00	19.56 0.33 0.00	19.95 0.31 0.00	19.65 0.37 0.00	19.03 0.33 0.00	20.96 0.45 0.00	23.47 0.59 -0.04	29.31 0.79 -0.72	28.06 0.77 -0.01	26.57 0.71 0.00	27.03 0.69 -0.53	28.05 0.72 -0.59	30.99 0.73 -0.71	31.11 0.73 -0.80	31.06 0.74 -0.79	32.64 0.89 -0.90	32.97 0.95 -0.92	32.00 0.95 -0.85	33.63 0.98 -0.97	34.02 0.92 -1.00	30.85 0.83 -0.78	27.05 0.70 -0.29
LUTHERFT_115KV_GLOB_FND_222 355753	32.73 1.70 0.47	20.85 0.96 0.23	21.95 0.99 0.06	20.17 0.93 0.00	20.57 0.94 0.00	20.20 0.93 0.00	19.62 0.93 0.00	21.57 1.06 0.00	24.03 1.19 0.00	29.05 1.46 0.20	28.35 1.36 0.28	27.09 1.33 0.09	26.99 1.33 0.15	28.10 1.37 0.00	31.19 1.64 0.00	31.21 1.62 0.00	31.09 1.56 0.00	32.38 1.58 0.06	32.75 1.64 0.00	31.83 1.68 0.04	33.33 1.69 0.05	33.12 1.69 0.68	29.67 1.45 1.02	26.83 1.16 0.40
LUTHERNY_35_KV_BK2 355980	32.74 1.72 0.47	20.84 0.95 0.23	21.95 0.99 0.06	20.16 0.92 0.00	20.57 0.93 0.00	20.21 0.93 0.00	19.62 0.92 0.00	21.58 1.06 0.00	24.02 1.18 0.00	29.06 1.46 0.20	28.35 1.36 0.28	27.09 1.32 0.09	26.99 1.32 0.15	28.12 1.39 0.00	31.19 1.64 0.00	31.22 1.63 0.00	31.12 1.59 0.00	32.42 1.63 0.06	32.79 1.69 0.00	31.89 1.73 0.04	33.36 1.73 0.05	33.15 1.73 0.68	29.70 1.48 1.02	26.85 1.18 0.40
LWR___OSWEGATCHIE_HYD 23850	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.15 -0.04	28.69 0.27 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.11 -0.78	32.08 0.18 -0.79	31.14 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
LYONS_FALL_HYD 23570	32.22 0.73 0.00	20.56 0.44 0.00	21.42 0.40 0.00	19.59 0.36 0.00	19.99 0.35 0.00	19.69 0.41 0.00	19.07 0.38 0.00	20.99 0.47 0.00	23.47 0.60 -0.03	29.14 0.80 -0.54	28.05 0.78 -0.01	26.57 0.72 0.00	26.90 0.70 -0.38	27.89 0.72 -0.43	30.81 0.74 -0.52	30.93 0.76 -0.58	30.89 0.78 -0.58	32.43 0.92 -0.66	32.73 0.96 -0.67	31.77 0.94 -0.62	33.36 0.97 -0.71	33.77 0.93 -0.73	30.64 0.82 -0.57	26.97 0.69 -0.21
MADISON___COUNTY_LFGE 323628	32.37 0.88 0.00	20.67 0.55 0.00	21.54 0.52 0.00	19.71 0.47 0.00	20.12 0.48 0.00	19.82 0.54 0.00	19.20 0.51 0.00	21.10 0.58 0.00	23.56 0.69 -0.03	29.24 0.88 -0.56	28.10 0.82 -0.01	26.62 0.76 0.00	27.00 0.77 -0.41	27.97 0.79 -0.45	30.93 0.83 -0.55	31.09 0.89 -0.61	31.08 0.94 -0.61	32.62 1.08 -0.69	32.90 1.09 -0.71	31.90 1.05 -0.66	33.52 1.10 -0.75	33.94 1.07 -0.77	30.78 0.94 -0.60	27.12 0.83 -0.22
MALONE___115KV_TB1 356076	32.12 0.63 0.00	20.42 0.30 0.00	21.32 0.29 0.00	19.25 0.02 0.00	19.59 -0.04 0.00	19.08 -0.19 0.00	18.58 -0.12 0.00	20.58 0.07 0.00	23.24 0.40 0.00	28.50 0.70 0.00	28.05 0.78 0.00	26.61 0.75 0.00	26.54 0.72 0.00	27.51 0.79 0.00	30.51 0.96 0.00	30.56 0.97 0.00	30.39 0.86 0.00	31.69 0.84 0.00	32.03 0.92 0.00	31.17 0.97 0.00	32.62 0.94 0.00	33.02 0.92 0.00	30.08 0.84 0.00	26.71 0.65 0.00

MAPLEWOD_115KV_TB3 80458	32.01 0.96 0.46	20.42 0.52 0.22	21.48 0.52 0.06	19.74 0.50 0.00	20.14 0.51 0.00	19.79 0.51 0.00	19.21 0.52 0.00	21.11 0.60 0.00	23.48 0.64 0.00	28.39 0.79 0.20	27.80 0.81 0.27	26.57 0.80 0.09	26.49 0.82 0.15	27.64 0.91 0.00	30.64 1.09 0.00	30.59 1.00 0.00	30.48 0.95 0.00	31.75 0.96 0.06	32.09 0.98 0.00	31.13 0.97 0.04	32.61 0.98 0.05	32.40 0.96 0.66	29.03 0.78 0.99	26.25 0.57 0.38
MAPLE_RIDGE_WT_1 323574	31.33 -0.16 0.00	19.92 -0.20 0.00	20.97 -0.05 0.00	19.26 0.02 0.00	19.66 0.02 0.00	19.27 -0.01 0.00	18.65 -0.04 0.00	20.51 0.00 0.00	22.86 0.03 0.00	27.85 0.05 0.00	27.32 0.05 0.00	25.90 0.04 0.00	25.86 0.04 0.00	26.79 0.05 0.00	29.59 0.04 0.00	29.62 0.03 0.00	29.59 0.06 0.00	30.92 0.06 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.74 0.05 0.00	32.17 0.06 0.00	29.28 0.04 0.00	26.11 0.05 0.00
MAPLE_RIDGE_WT_2 323611	31.33 -0.16 0.00	19.92 -0.20 0.00	20.97 -0.05 0.00	19.26 0.02 0.00	19.66 0.02 0.00	19.27 -0.01 0.00	18.65 -0.04 0.00	20.51 0.00 0.00	22.86 0.03 0.00	27.85 0.05 0.00	27.32 0.05 0.00	25.90 0.04 0.00	25.86 0.04 0.00	26.79 0.05 0.00	29.59 0.04 0.00	29.62 0.03 0.00	29.59 0.06 0.00	30.92 0.06 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.74 0.05 0.00	32.17 0.06 0.00	29.28 0.04 0.00	26.11 0.05 0.00
MARBLE_RIVER_WT_PWR 323696	32.09 0.60 0.00	20.37 0.25 0.00	21.30 0.28 0.00	19.21 -0.03 0.00	19.51 -0.12 0.00	18.93 -0.35 0.00	18.41 -0.28 0.00	20.42 -0.09 0.00	23.14 0.30 0.00	28.41 0.61 0.00	27.94 0.67 0.00	26.51 0.65 0.00	26.43 0.61 0.00	27.45 0.72 0.00	30.50 0.94 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.74 0.88 0.00	32.05 0.95 0.00	31.19 0.99 0.00	32.64 0.95 0.00	33.03 0.93 0.00	30.03 0.79 0.00	26.66 0.60 0.00
MARSHVLE_115KV_TB1 80742	33.88 2.76 0.37	21.80 1.86 0.18	22.95 1.98 0.05	21.08 1.84 0.00	21.53 1.89 0.00	21.09 1.81 0.00	20.43 1.74 0.00	22.38 1.87 0.00	25.02 2.18 0.00	30.28 2.63 0.16	29.54 2.49 0.22	28.06 2.27 0.07	27.96 2.26 0.12	28.90 2.16 0.00	31.95 2.39 0.00	32.18 2.59 0.00	32.23 2.70 0.00	33.69 2.88 0.05	34.04 2.94 0.00	33.03 2.86 0.03	34.69 3.04 0.04	34.52 2.96 0.54	31.19 2.76 0.81	28.29 2.54 0.31
MARSH_HILL_WT_PWR 323713	32.31 0.82 0.00	20.72 0.60 0.00	21.79 0.77 0.00	19.96 0.72 0.00	20.38 0.74 0.00	20.01 0.73 0.00	19.44 0.75 0.00	21.35 0.84 0.00	23.82 0.95 -0.02	29.17 1.01 -0.36	27.91 0.64 -0.01	26.32 0.46 0.00	26.64 0.54 -0.27	27.61 0.57 -0.31	30.31 0.39 -0.36	30.54 0.54 -0.41	30.56 0.62 -0.41	32.13 0.81 -0.46	32.26 0.69 -0.47	31.18 0.55 -0.44	32.92 0.73 -0.50	33.65 1.03 -0.51	30.79 1.14 -0.40	27.56 1.35 -0.15
MCINTYRE_115KV_TB2 80467	31.77 0.27 0.00	20.29 0.17 0.00	21.14 0.12 0.00	19.23 -0.01 0.00	19.65 0.02 0.00	19.32 0.04 0.00	18.76 0.07 0.00	20.65 0.13 0.00	23.05 0.20 -0.02	28.37 0.30 -0.27	27.69 0.42 0.00	26.26 0.39 0.00	26.17 0.35 0.00	27.07 0.34 0.00	29.93 0.38 0.00	29.96 0.37 0.00	29.81 0.29 0.00	31.10 0.25 0.00	31.43 0.33 0.00	30.55 0.35 0.00	32.08 0.40 0.00	32.50 0.40 0.00	29.72 0.48 0.00	26.44 0.38 0.00
MECO____69_KV_BK1 80468	34.89 3.77 0.37	22.35 2.41 0.18	23.21 2.24 0.05	21.28 2.04 0.00	21.73 2.09 0.00	21.56 2.28 0.00	20.92 2.23 0.00	22.98 2.47 0.00	25.64 2.80 0.00	30.76 3.12 0.16	29.95 2.90 0.22	28.36 2.57 0.07	28.19 2.50 0.12	28.88 2.15 0.00	32.61 3.06 0.00	33.09 3.50 0.00	33.21 3.69 0.00	34.68 3.88 0.05	35.35 4.24 0.00	34.29 4.12 0.03	35.95 4.31 0.04	35.68 4.12 0.54	32.11 3.68 0.81	28.96 3.21 0.31
MENANDS_115KV_TB5 355628	31.79 0.74 0.46	20.28 0.38 0.22	21.34 0.38 0.06	19.62 0.38 0.00	20.02 0.38 0.00	19.67 0.39 0.00	19.09 0.40 0.00	20.98 0.47 0.00	23.32 0.48 0.00	28.20 0.60 0.20	27.63 0.63 0.27	26.40 0.63 0.09	26.31 0.64 0.15	27.46 0.73 0.00	30.42 0.87 0.00	30.36 0.77 0.00	30.27 0.74 0.00	31.52 0.73 0.06	31.84 0.74 0.00	30.89 0.72 0.04	32.36 0.72 0.05	32.15 0.70 0.66	28.82 0.57 0.99	26.06 0.38 0.38
MG INDUSTRY__DRP 24185	32.09 0.87 0.28	20.48 0.49 0.13	21.49 0.50 0.04	19.71 0.47 0.00	20.14 0.50 0.00	19.79 0.51 0.00	19.20 0.51 0.00	21.11 0.59 0.00	23.46 0.62 0.00	28.44 0.77 0.12	27.87 0.77 0.17	26.54 0.74 0.06	26.49 0.76 0.09	27.56 0.83 0.00	30.55 1.00 0.00	30.50 0.91 0.00	30.39 0.86 0.00	31.68 0.86 0.03	31.98 0.88 0.00	31.04 0.87 0.02	32.53 0.88 0.03	32.56 0.86 0.40	29.36 0.72 0.60	26.39 0.56 0.23
MID__OSWEGATCHIE_HYD 23849	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.15 -0.04	28.69 0.27 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.11 -0.78	32.08 0.18 -0.79	31.14 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
MID__RAQUETTE_HYD 23851	31.28 -0.22 0.00	19.97 -0.15 0.00	20.83 -0.20 0.00	18.95 -0.29 0.00	19.38 -0.26 0.00	19.02 -0.25 0.00	18.49 -0.20 0.00	20.35 -0.16 0.00	22.70 -0.15 -0.02	28.03 -0.09 -0.32	27.31 0.04 -0.01	25.90 0.05 0.00	26.07 0.02 -0.23	26.98 -0.01 -0.27	29.78 -0.09 -0.32	29.75 -0.19 -0.35	29.51 -0.37 -0.35	30.77 -0.48 -0.40	31.08 -0.43 -0.41	30.21 -0.37 -0.38	31.76 -0.36 -0.43	32.27 -0.28 -0.44	29.61 0.02 -0.35	26.23 0.04 -0.13
MILLIKEN__1 23584	32.30 0.80 0.00	20.63 0.51 0.00	21.58 0.55 0.00	19.75 0.52 0.00	20.17 0.54 0.00	19.80 0.52 0.00	19.23 0.53 0.00	21.11 0.59 0.00	23.60 0.69 -0.07	29.76 0.78 -1.18	27.97 0.68 -0.02	26.48 0.62 0.00	27.38 0.67 -0.90	28.46 0.71 -1.01	31.46 0.70 -1.21	31.68 0.73 -1.36	31.69 0.81 -1.35	33.33 0.94 -1.53	33.63 0.97 -1.56	32.60 0.94 -1.45	34.35 1.01 -1.65	34.82 1.01 -1.70	31.44 0.87 -1.33	27.41 0.86 -0.49
MILLIKEN__2 23585	32.30 0.80 0.00	20.63 0.51 0.00	21.58 0.55 0.00	19.75 0.52 0.00	20.17 0.54 0.00	19.80 0.52 0.00	19.23 0.53 0.00	21.11 0.59 0.00	23.60 0.69 -0.07	29.76 0.78 -1.18	27.97 0.68 -0.02	26.48 0.62 0.00	27.38 0.67 -0.90	28.46 0.71 -1.01	31.46 0.70 -1.21	31.68 0.73 -1.36	31.69 0.81 -1.35	33.33 0.94 -1.53	33.63 0.97 -1.56	32.60 0.94 -1.45	34.35 1.01 -1.65	34.82 1.01 -1.70	31.44 0.87 -1.33	27.41 0.86 -0.49
MILLIKEN__DIESEL 23629	32.30 0.80 0.00	20.63 0.51 0.00	21.58 0.55 0.00	19.75 0.52 0.00	20.17 0.54 0.00	19.80 0.52 0.00	19.23 0.53 0.00	21.11 0.59 0.00	23.60 0.69 -0.07	29.76 0.78 -1.18	27.97 0.68 -0.02	26.48 0.62 0.00	27.38 0.67 -0.90	28.46 0.71 -1.01	31.46 0.70 -1.21	31.68 0.73 -1.36	31.69 0.81 -1.35	33.33 0.94 -1.53	33.63 0.97 -1.56	32.60 0.94 -1.45	34.35 1.01 -1.65	34.82 1.01 -1.70	31.44 0.87 -1.33	27.41 0.86 -0.49

MILLSEAT___LFGE 323607	32.01 0.51 0.00	20.55 0.43 0.00	21.74 0.72 0.00	19.94 0.71 0.00	20.39 0.75 0.00	20.00 0.71 0.00	19.41 0.71 0.00	21.17 0.65 0.00	23.54 0.71 0.00	28.41 0.61 0.00	27.47 0.20 0.00	25.86 0.00 0.00	25.86 0.04 0.00	26.74 0.01 0.00	29.28 -0.27 0.00	29.45 -0.14 0.00	29.49 -0.04 0.00	30.99 0.13 0.00	31.12 0.02 0.00	30.16 -0.03 0.00	31.99 0.31 0.00	32.68 0.58 0.00	30.22 0.98 0.00	27.56 1.50 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.60 1.74 -0.36	21.29 0.99 -0.18	22.00 0.93 -0.05	20.12 0.88 0.00	20.50 0.87 0.00	20.14 0.86 0.00	19.61 0.92 0.00	21.60 1.09 0.00	24.12 1.28 0.00	29.54 1.58 -0.16	29.07 1.58 -0.22	27.47 1.54 -0.07	27.49 1.55 -0.12	28.31 1.58 0.00	31.18 1.63 0.00	31.19 1.60 0.00	31.14 1.61 0.00	32.57 1.67 -0.05	32.77 1.66 0.00	31.82 1.59 -0.03	33.30 1.58 -0.04	34.21 1.57 -0.53	31.42 1.39 -0.79	27.53 1.16 -0.31
MILLWOOD_13_KV_LOAD 356217	33.72 1.86 -0.36	21.35 1.05 -0.18	22.06 0.99 -0.05	20.17 0.93 0.00	20.56 0.92 0.00	20.19 0.92 0.00	19.66 0.97 0.00	21.67 1.15 0.00	24.19 1.35 0.00	29.64 1.68 -0.16	29.18 1.69 -0.22	27.56 1.63 -0.07	27.57 1.64 -0.12	28.40 1.67 0.00	31.27 1.72 0.00	31.28 1.69 0.00	31.23 1.70 0.00	32.68 1.78 -0.05	32.87 1.77 0.00	31.93 1.70 -0.03	33.42 1.70 -0.04	34.32 1.68 -0.53	31.51 1.48 -0.79	27.61 1.24 -0.31
MODEL_CITY_ENERGY 24167	31.14 -0.36 0.00	20.02 -0.10 0.00	21.21 0.19 0.00	19.47 0.23 0.00	19.91 0.27 0.00	19.53 0.25 0.00	18.94 0.25 0.00	20.61 0.10 0.00	22.88 0.04 0.00	27.56 -0.24 0.00	26.61 -0.66 0.00	25.02 -0.84 0.00	25.05 -0.77 0.00	25.91 -0.82 0.00	28.27 -1.28 0.00	28.44 -1.15 0.00	28.50 -1.02 0.00	29.85 -1.00 0.00	29.95 -1.16 0.00	28.99 -1.21 0.00	30.77 -0.91 0.00	31.52 -0.58 0.00	29.29 0.05 0.00	26.89 0.82 0.00
MODERN_LFGE___ 323580	31.14 -0.36 0.00	20.02 -0.10 0.00	21.21 0.19 0.00	19.47 0.23 0.00	19.91 0.27 0.00	19.53 0.25 0.00	18.94 0.25 0.00	20.61 0.10 0.00	22.88 0.04 0.00	27.56 -0.24 0.00	26.61 -0.66 0.00	25.02 -0.84 0.00	25.05 -0.77 0.00	25.91 -0.82 0.00	28.27 -1.28 0.00	28.44 -1.15 0.00	28.50 -1.02 0.00	29.85 -1.00 0.00	29.95 -1.16 0.00	28.99 -1.21 0.00	30.77 -0.91 0.00	31.52 -0.58 0.00	29.29 0.05 0.00	26.89 0.82 0.00
MOHAWK_PAPER___DRP 24187	32.01 0.96 0.46	20.42 0.52 0.22	21.48 0.52 0.06	19.74 0.50 0.00	20.14 0.51 0.00	19.79 0.51 0.00	19.21 0.52 0.00	21.11 0.60 0.00	23.48 0.64 0.00	28.39 0.79 0.20	27.80 0.81 0.27	26.57 0.80 0.09	26.49 0.82 0.15	27.64 0.91 0.00	30.64 1.09 0.00	30.59 1.00 0.00	30.48 0.95 0.00	31.75 0.96 0.06	32.09 0.98 0.00	31.13 0.97 0.04	32.61 0.98 0.05	32.40 0.96 0.66	29.03 0.78 0.99	26.25 0.57 0.38
MOHICAN__35_KV_115KV_LD 80490	32.96 1.93 0.46	20.94 1.04 0.23	22.03 1.07 0.06	20.24 1.00 0.00	20.60 0.96 0.00	20.26 0.98 0.00	19.69 0.99 0.00	21.63 1.11 0.00	24.16 1.32 0.00	29.22 1.62 0.20	28.41 1.41 0.28	27.15 1.39 0.09	27.01 1.35 0.15	28.04 1.31 0.00	31.20 1.65 0.00	31.33 1.74 0.00	31.11 1.58 0.00	32.35 1.55 0.06	32.79 1.69 0.00	31.97 1.81 0.04	33.44 1.80 0.05	33.28 1.84 0.67	29.78 1.55 1.01	26.89 1.22 0.39
MONGAUP___HYD 23641	33.40 1.61 -0.29	21.17 0.91 -0.14	21.87 0.81 -0.04	19.98 0.75 0.00	20.38 0.75 0.00	20.10 0.82 0.00	19.55 0.86 0.00	21.54 1.03 0.00	24.02 1.19 0.00	29.33 1.41 -0.13	28.86 1.42 -0.17	27.35 1.44 -0.06	27.35 1.44 -0.09	28.13 1.40 0.00	31.08 1.53 0.00	31.13 1.54 0.00	31.07 1.54 0.00	32.52 1.63 -0.04	32.81 1.71 0.00	31.87 1.65 -0.02	33.38 1.67 -0.03	34.23 1.70 -0.42	31.32 1.45 -0.63	27.49 1.19 -0.24
MONTAUK___DIESEL 23721	36.45 4.58 -0.37	23.14 2.84 -0.18	24.05 2.98 -0.05	21.95 2.71 0.00	22.35 2.71 0.00	21.75 2.47 0.00	21.23 2.54 0.00	23.31 2.79 0.00	26.22 3.38 0.00	32.36 4.40 -0.16	51.79 4.56 -19.96	64.24 4.41 -33.97	143.62 4.50 -113.31	37.50 4.32 -6.45	38.13 4.57 -4.01	33.82 4.23 0.00	33.78 4.26 0.00	35.39 4.50 -0.05	35.55 4.45 0.00	34.56 4.33 -0.03	35.86 4.13 -0.04	36.72 4.08 -0.54	33.63 3.59 -0.80	29.62 3.25 -0.31
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.45 0.95 0.00	20.79 0.67 0.00	21.96 0.94 0.00	20.11 0.88 0.00	20.56 0.92 0.00	20.17 0.89 0.00	19.60 0.91 0.00	21.54 1.03 0.00	24.02 1.19 0.00	29.04 1.24 0.00	27.99 0.72 0.00	26.31 0.45 0.00	26.43 0.62 0.00	27.44 0.71 0.00	29.97 0.42 0.00	30.06 0.48 0.00	30.09 0.56 0.00	31.64 0.78 0.00	31.79 0.68 0.00	30.71 0.51 0.00	32.56 0.87 0.00	33.32 1.22 0.00	30.70 1.46 0.00	27.84 1.78 0.00
MORTIMER_115KV_TB3 55949	32.05 0.56 0.00	20.55 0.43 0.00	21.67 0.65 0.00	19.87 0.63 0.00	20.30 0.67 0.00	19.91 0.63 0.00	19.32 0.62 0.00	21.14 0.63 0.00	23.53 0.70 0.00	28.48 0.68 0.00	27.68 0.41 0.00	26.13 0.27 0.00	26.16 0.33 0.00	27.07 0.33 0.00	29.68 0.13 0.00	29.78 0.19 0.00	29.88 0.35 0.00	31.26 0.40 0.00	31.44 0.34 0.00	30.46 0.26 0.00	32.19 0.50 0.00	32.78 0.68 0.00	30.13 0.89 0.00	27.24 1.17 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.94 2.07 -0.37	21.49 1.19 -0.18	22.21 1.13 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.78 1.27 0.00	24.34 1.50 0.00	29.81 1.85 -0.16	29.34 1.85 -0.22	27.72 1.79 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.41 1.85 0.00	31.43 1.84 0.00	31.40 1.87 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.04 1.81 -0.03	33.51 1.80 -0.04	34.44 1.80 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
MUNSVILLE_WIND_PWR 323609	33.98 2.49 0.00	21.67 1.55 0.00	22.55 1.53 0.00	20.61 1.37 0.00	21.02 1.39 0.00	20.72 1.44 0.00	20.09 1.40 0.00	22.20 1.68 0.00	24.90 2.01 -0.04	31.02 2.48 -0.75	29.56 2.28 -0.01	27.97 2.11 0.00	28.60 2.21 -0.57	29.69 2.31 -0.64	32.72 2.40 -0.77	32.89 2.44 -0.87	33.06 2.68 -0.86	34.93 3.11 -0.97	35.29 3.19 -0.99	34.27 3.15 -0.92	36.01 3.28 -1.05	36.33 3.15 -1.08	32.78 2.69 -0.85	28.71 2.34 -0.31
N SALMON___HYD 24042	32.12 0.63 0.00	20.42 0.30 0.00	21.32 0.29 0.00	19.25 0.02 0.00	19.59 -0.04 0.00	19.09 -0.19 0.00	18.58 -0.12 0.00	20.58 0.07 0.00	23.24 0.40 0.00	28.50 0.70 0.00	28.05 0.78 0.00	26.61 0.75 0.00	26.54 0.72 0.00	27.51 0.78 0.00	30.51 0.96 0.00	30.56 0.97 0.00	30.39 0.86 0.00	31.69 0.84 0.00	32.03 0.92 0.00	31.17 0.97 0.00	32.62 0.94 0.00	33.02 0.91 0.00	30.08 0.84 0.00	26.71 0.65 0.00
N.AKRON__115KV_KNAPP 355671	31.89 0.40 0.00	20.48 0.36 0.00	21.67 0.65 0.00	19.88 0.64 0.00	20.32 0.69 0.00	19.95 0.66 0.00	19.36 0.67 0.00	21.10 0.59 0.00	23.47 0.63 0.00	28.29 0.49 0.00	27.36 0.09 0.00	25.73 -0.13 0.00	25.74 -0.08 0.00	26.66 -0.07 0.00	29.12 -0.43 0.00	29.29 -0.30 0.00	29.36 -0.17 0.00	30.81 -0.04 0.00	30.94 -0.16 0.00	29.97 -0.23 0.00	31.79 0.11 0.00	32.51 0.41 0.00	30.08 0.83 0.00	27.49 1.43 0.00

N.BELMOR_69_KV_BK1 55787	34.29 2.43 -0.37	21.73 1.44 -0.18	22.40 1.34 -0.05	20.46 1.23 0.00	20.85 1.22 0.00	20.47 1.19 0.00	19.94 1.25 0.00	21.94 1.43 0.00	24.55 1.72 0.00	30.15 2.19 -0.16	29.78 2.29 -0.22	29.47 2.29 -1.33	29.25 2.27 -1.16	28.77 2.04 0.00	31.56 2.01 0.00	31.57 1.98 0.00	31.52 1.99 0.00	33.01 2.11 -0.05	33.25 2.15 0.00	32.37 2.14 -0.03	33.73 2.01 -0.04	34.70 2.05 -0.54	31.89 1.84 -0.80	28.06 1.69 -0.31
N.E._GEN_SANDY PD 24062	28.63 1.05 3.91	19.20 0.57 1.48	21.16 0.55 0.41	19.81 0.56 -0.01	20.20 0.56 0.00	19.85 0.57 0.00	19.30 0.60 0.00	21.29 0.70 -0.08	23.57 0.73 0.00	27.14 0.88 1.54	26.56 0.92 1.62	26.15 0.88 0.59	25.72 0.87 0.97	27.72 0.99 0.00	30.66 1.11 0.00	30.40 0.99 0.18	30.49 0.95 0.00	32.39 0.94 -0.60	32.03 0.93 0.00	30.85 0.90 0.25	32.28 0.91 0.31	28.60 0.90 4.41	23.42 0.78 6.60	24.09 0.59 2.56
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.50 1.67 -0.33	21.22 0.94 -0.16	21.93 0.86 -0.05	20.06 0.82 0.00	20.45 0.82 0.00	20.10 0.82 0.00	19.58 0.88 0.00	21.57 1.06 0.00	24.09 1.25 0.00	29.50 1.55 -0.14	29.02 1.55 -0.20	27.43 1.51 -0.07	27.44 1.52 -0.11	28.30 1.57 0.00	31.17 1.62 0.00	31.17 1.58 0.00	31.13 1.60 0.00	32.59 1.69 -0.04	32.80 1.69 0.00	31.84 1.61 -0.03	33.32 1.60 -0.03	34.18 1.58 -0.49	31.36 1.38 -0.73	27.49 1.14 -0.28
N.QUEENS_27_KV_LOAD 356247	33.97 2.10 -0.37	21.52 1.22 -0.18	22.22 1.15 -0.05	20.33 1.09 0.00	20.72 1.08 0.00	20.30 1.02 0.00	19.80 1.10 0.00	21.78 1.26 0.00	24.32 1.48 0.00	29.82 1.86 -0.16	29.37 1.88 -0.22	27.76 1.83 -0.07	27.75 1.82 -0.12	28.56 1.82 0.00	31.39 1.84 0.00	31.42 1.83 0.00	31.42 1.89 0.00	32.78 1.89 -0.05	32.95 1.85 0.00	32.01 1.79 -0.03	33.48 1.76 -0.04	34.36 1.72 -0.54	31.62 1.57 -0.80	27.72 1.35 -0.31
N.TROY___115KV_TB1 355778	32.05 1.12 0.58	20.46 0.62 0.28	21.57 0.63 0.08	19.85 0.61 0.00	20.25 0.61 0.00	19.89 0.61 0.00	19.32 0.63 0.00	21.23 0.72 0.00	23.58 0.74 0.00	28.48 0.93 0.25	27.85 0.93 0.35	26.63 0.89 0.11	26.53 0.89 0.18	27.72 0.99 0.00	30.73 1.18 0.00	30.68 1.09 0.00	30.57 1.04 0.00	31.81 1.03 0.07	32.15 1.05 0.00	31.19 1.04 0.05	32.69 1.06 0.06	32.34 1.07 0.84	28.89 0.91 1.26	26.27 0.70 0.49
NARROWS_GT1_1 24228	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_2 24229	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_3 24230	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_4 24231	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_5 24232	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_6 24233	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_7 24234	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT1_8 24235	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_1 24236	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_2 24237	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31

NARROWS_GT2_3 24238	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_4 24239	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_5 24240	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_6 24241	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_7 24242	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NARROWS_GT2_8 24243	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.74 1.44 0.20	20.84 0.82 0.10	21.83 0.84 0.03	20.01 0.77 0.00	20.41 0.77 0.00	20.07 0.79 0.00	19.46 0.77 0.00	21.41 0.90 0.00	23.82 0.99 0.00	28.97 1.26 0.09	28.43 1.28 0.12	26.98 1.17 0.04	27.02 1.27 0.06	28.04 1.31 0.00	31.25 1.70 0.00	31.15 1.56 0.00	30.98 1.45 0.00	32.34 1.51 0.03	32.75 1.64 0.00	31.86 1.68 0.02	33.36 1.69 0.02	33.46 1.64 0.29	30.17 1.36 0.43	26.91 1.02 0.17
NCHELSEA_115KV_TR2 355582	33.69 1.92 -0.27	21.34 1.09 -0.13	22.10 1.04 -0.04	20.22 0.98 0.00	20.62 0.99 0.00	20.26 0.98 0.00	19.72 1.03 0.00	21.73 1.21 0.00	24.24 1.40 0.00	29.66 1.74 -0.12	29.19 1.75 -0.16	27.63 1.71 -0.05	27.63 1.73 -0.09	28.51 1.78 0.00	31.40 1.85 0.00	31.43 1.84 0.00	31.40 1.87 0.00	32.85 1.96 -0.03	33.07 1.97 0.00	32.11 1.89 -0.02	33.61 1.90 -0.03	34.37 1.87 -0.40	31.46 1.62 -0.60	27.63 1.34 -0.23
NEG CAPITAL___MECHNVIL 23645	32.69 1.71 0.51	20.83 0.96 0.25	21.93 0.98 0.07	20.16 0.92 0.00	20.56 0.93 0.00	20.20 0.92 0.00	19.61 0.92 0.00	21.57 1.05 0.00	24.02 1.18 0.00	29.03 1.45 0.22	28.36 1.39 0.30	27.11 1.36 0.10	27.01 1.36 0.16	28.17 1.44 0.00	31.26 1.71 0.00	31.25 1.66 0.00	31.14 1.61 0.00	32.44 1.65 0.06	32.80 1.70 0.00	31.87 1.72 0.04	33.36 1.73 0.05	33.08 1.71 0.74	29.60 1.47 1.11	26.81 1.17 0.43
NEG CENTRAL_HIGH_ACRES 23767	32.02 0.53 0.00	20.53 0.41 0.00	21.58 0.56 0.00	19.77 0.54 0.00	20.21 0.57 0.00	19.84 0.56 0.00	19.25 0.56 0.00	21.08 0.56 0.00	23.50 0.64 -0.03	28.89 0.66 -0.42	27.71 0.43 -0.01	26.19 0.33 0.00	26.54 0.40 -0.32	27.50 0.41 -0.36	30.24 0.25 -0.43	30.39 0.31 -0.49	30.45 0.43 -0.48	31.90 0.50 -0.55	32.12 0.45 -0.56	31.11 0.39 -0.52	32.84 0.57 -0.60	33.40 0.69 -0.61	30.53 0.81 -0.48	27.26 1.02 -0.18
NEG CENTRAL___DRP 24199	31.99 0.50 0.00	20.50 0.37 0.00	21.49 0.47 0.00	19.69 0.45 0.00	20.10 0.47 0.00	19.72 0.44 0.00	19.15 0.46 0.00	21.00 0.49 0.00	23.47 0.57 -0.07	29.52 0.59 -1.13	27.74 0.45 -0.02	26.23 0.38 0.00	27.10 0.42 -0.87	28.15 0.44 -0.97	31.06 0.34 -1.16	31.32 0.42 -1.31	31.29 0.46 -1.30	32.89 0.56 -1.47	33.19 0.59 -1.50	32.17 0.58 -1.39	33.88 0.61 -1.59	34.42 0.68 -1.63	31.21 0.69 -1.28	27.30 0.77 -0.47
NEG CENTRAL___INDECK 23768	33.01 1.51 0.00	21.14 1.02 0.00	22.26 1.24 0.00	20.41 1.17 0.00	20.84 1.21 0.00	20.45 1.17 0.00	19.88 1.18 0.00	21.80 1.29 0.00	24.29 1.45 0.00	29.34 1.54 0.00	28.35 1.08 0.00	26.70 0.84 0.00	26.68 0.87 0.00	27.53 0.80 0.00	30.34 0.79 0.00	30.57 0.98 0.00	30.68 1.16 0.00	32.17 1.32 0.00	32.48 1.38 0.00	31.56 1.36 0.00	33.40 1.72 0.00	34.00 1.90 0.00	31.17 1.93 0.00	28.11 2.05 0.00
NEG CENTRAL___SENECA 23627	32.24 0.74 0.00	20.67 0.55 0.00	21.66 0.64 0.00	19.83 0.59 0.00	20.25 0.61 0.00	19.90 0.62 0.00	19.33 0.64 0.00	21.22 0.70 0.00	23.69 0.81 -0.03	29.25 0.88 -0.57	27.97 0.69 -0.01	26.43 0.57 0.00	26.89 0.64 -0.44	27.90 0.68 -0.49	30.70 0.56 -0.59	30.91 0.66 -0.66	30.87 0.68 -0.66	32.44 0.84 -0.74	32.74 0.87 -0.76	31.76 0.86 -0.71	33.38 0.89 -0.80	33.93 0.99 -0.83	30.93 1.04 -0.65	27.39 1.09 -0.24
NEG CENTRAL___STATE_STREET 24147	32.08 0.58 0.00	20.46 0.34 0.00	21.61 0.58 0.00	19.81 0.57 0.00	20.24 0.61 0.00	19.68 0.40 0.00	19.14 0.45 0.00	20.97 0.46 0.00	23.46 0.53 -0.10	29.94 0.53 -1.62	27.74 0.45 -0.03	26.29 0.44 0.00	27.49 0.44 -1.24	28.60 0.48 -1.39	31.68 0.47 -1.66	31.97 0.51 -1.87	31.96 0.57 -1.86	33.50 0.54 -2.10	33.87 0.62 -2.15	32.84 0.64 -2.00	34.65 0.69 -2.27	35.14 0.70 -2.33	31.60 0.52 -1.84	27.40 0.66 -0.68
NEG MILLWOOD___DRP 24198	33.86 2.05 -0.32	21.45 1.17 -0.15	22.18 1.12 -0.04	20.28 1.04 0.00	20.67 1.04 0.00	20.31 1.02 0.00	19.77 1.08 0.00	21.79 1.27 0.00	24.32 1.48 0.00	29.79 1.85 -0.14	29.34 1.88 -0.19	27.75 1.83 -0.06	27.76 1.85 -0.10	28.63 1.90 0.00	31.53 1.97 0.00	31.54 1.95 0.00	31.51 1.98 0.00	32.96 2.07 -0.04	33.18 2.08 0.00	32.22 2.00 -0.03	33.71 2.00 -0.03	34.53 1.96 -0.46	31.63 1.71 -0.69	27.75 1.42 -0.27



NEG NORTH_FLCN_SEA 23793	32.46 0.97 0.00	20.58 0.46 0.00	21.54 0.52 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.66 -0.03 0.00	20.70 0.18 0.00	23.40 0.56 0.00	28.74 0.94 0.00	28.26 0.99 0.00	26.82 0.96 0.00	26.73 0.91 0.00	27.81 1.08 0.00	30.91 1.36 0.00	30.98 1.39 0.00	30.82 1.29 0.00	32.16 1.31 0.00	32.49 1.39 0.00	31.63 1.43 0.00	33.06 1.37 0.00	33.45 1.34 0.00	30.38 1.14 0.00	26.95 0.88 0.00
NEG NORTH_KES_CHATEGAY 23792	32.11 0.62 0.00	20.39 0.27 0.00	21.32 0.30 0.00	19.21 -0.03 0.00	19.52 -0.12 0.00	18.94 -0.34 0.00	18.44 -0.25 0.00	20.45 -0.06 0.00	23.17 0.33 0.00	28.43 0.63 0.00	27.96 0.69 0.00	26.52 0.66 0.00	26.44 0.62 0.00	27.44 0.71 0.00	30.49 0.94 0.00	30.57 0.98 0.00	30.42 0.89 0.00	31.75 0.90 0.00	32.08 0.97 0.00	31.21 1.01 0.00	32.66 0.98 0.00	33.05 0.95 0.00	30.04 0.80 0.00	26.67 0.60 0.00
NEG NORTH___ALICE_FALLS 23915	32.50 1.01 0.00	20.61 0.49 0.00	21.55 0.53 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.67 -0.03 0.00	20.72 0.20 0.00	23.44 0.60 0.00	28.79 0.99 0.00	28.32 1.05 0.00	26.88 1.02 0.00	26.80 0.98 0.00	27.87 1.13 0.00	30.97 1.42 0.00	31.04 1.45 0.00	30.89 1.36 0.00	32.25 1.39 0.00	32.58 1.48 0.00	31.71 1.51 0.00	33.15 1.46 0.00	33.52 1.41 0.00	30.43 1.18 0.00	26.98 0.92 0.00
NEG NORTH___LWR_SARANAC 23913	32.50 1.01 0.00	20.61 0.49 0.00	21.55 0.53 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.17 -0.11 0.00	18.67 -0.03 0.00	20.72 0.20 0.00	23.44 0.60 0.00	28.79 0.99 0.00	28.32 1.05 0.00	26.88 1.02 0.00	26.80 0.98 0.00	27.87 1.13 0.00	30.97 1.42 0.00	31.04 1.45 0.00	30.89 1.36 0.00	32.25 1.39 0.00	32.58 1.48 0.00	31.71 1.51 0.00	33.15 1.46 0.00	33.52 1.41 0.00	30.43 1.18 0.00	26.98 0.92 0.00
NEG NORTH___PLATTSBURG 23628	32.50 1.00 0.00	20.61 0.49 0.00	21.55 0.53 0.00	19.44 0.20 0.00	19.74 0.11 0.00	19.18 -0.11 0.00	18.67 -0.03 0.00	20.72 0.20 0.00	23.44 0.60 0.00	28.79 0.99 0.00	28.32 1.05 0.00	26.88 1.02 0.00	26.80 0.98 0.00	27.87 1.13 0.00	30.97 1.42 0.00	31.04 1.45 0.00	30.90 1.36 0.00	32.25 1.39 0.00	32.58 1.48 0.00	31.71 1.51 0.00	33.15 1.46 0.00	33.52 1.41 0.00	30.42 1.18 0.00	26.98 0.92 0.00
NEG WEST_LEA_LOCKPORT 23791	31.42 -0.07 0.00	20.20 0.08 0.00	21.40 0.37 0.00	19.63 0.39 0.00	20.08 0.44 0.00	19.69 0.41 0.00	19.10 0.41 0.00	20.82 0.30 0.00	23.13 0.29 0.00	27.87 0.07 0.00	26.91 -0.36 0.00	25.29 -0.57 0.00	25.33 -0.49 0.00	26.22 -0.51 0.00	28.61 -0.95 0.00	28.78 -0.81 0.00	28.86 -0.67 0.00	30.21 -0.64 0.00	30.32 -0.78 0.00	29.34 -0.86 0.00	31.15 -0.54 0.00	31.89 -0.21 0.00	29.60 0.36 0.00	27.11 1.05 0.00
NEG WEST___LANCASTR 23811	31.59 0.09 0.00	20.26 0.14 0.00	21.40 0.38 0.00	19.63 0.39 0.00	20.06 0.42 0.00	19.69 0.41 0.00	19.11 0.41 0.00	20.97 0.45 0.00	23.35 0.51 0.00	28.18 0.38 0.00	27.20 -0.07 0.00	25.55 -0.31 0.00	25.62 -0.20 0.00	26.57 -0.16 0.00	29.05 -0.50 0.00	29.19 -0.40 0.00	29.26 -0.26 0.00	30.66 -0.19 0.00	30.77 -0.33 0.00	29.72 -0.47 0.00	31.50 -0.18 0.00	32.26 0.15 0.00	29.78 0.54 0.00	27.04 0.98 0.00
NEG_PENN_ALLEGHNY 23528	32.02 0.53 0.00	20.46 0.34 0.00	21.39 0.37 0.00	19.58 0.34 0.00	19.98 0.35 0.00	19.64 0.36 0.00	19.04 0.35 0.00	20.94 0.42 0.00	23.37 0.49 -0.04	29.04 0.55 -0.70	27.69 0.40 -0.01	26.21 0.35 0.00	26.76 0.41 -0.53	27.77 0.44 -0.60	30.65 0.38 -0.72	30.81 0.42 -0.81	30.81 0.48 -0.80	32.39 0.63 -0.91	32.60 0.57 -0.93	31.53 0.47 -0.86	33.20 0.54 -0.98	33.72 0.61 -1.01	30.61 0.58 -0.79	26.95 0.59 -0.29
NEG___GEN_MONROE 24207	32.22 0.72 0.00	20.66 0.54 0.00	21.78 0.76 0.00	20.00 0.76 0.00	20.41 0.77 0.00	20.03 0.75 0.00	19.45 0.75 0.00	21.27 0.75 0.00	23.69 0.85 0.00	28.64 0.84 0.00	27.79 0.52 0.00	26.22 0.37 0.00	26.25 0.44 0.00	27.17 0.44 0.00	29.79 0.24 0.00	29.91 0.32 0.00	29.97 0.44 0.00	31.42 0.56 0.00	31.60 0.50 0.00	30.63 0.43 0.00	32.38 0.69 0.00	32.99 0.88 0.00	30.33 1.09 0.00	27.45 1.39 0.00
NEPA___ENERGY 23901	31.63 0.13 0.00	20.25 0.13 0.00	21.43 0.41 0.00	19.62 0.38 0.00	20.03 0.40 0.00	19.65 0.37 0.00	19.11 0.41 0.00	21.05 0.53 0.00	23.45 0.61 0.00	28.31 0.51 0.00	27.24 -0.03 0.00	25.60 -0.26 0.00	25.73 -0.09 0.00	26.75 0.02 0.00	29.28 -0.28 0.00	29.40 -0.19 0.00	29.32 -0.21 0.00	30.91 0.06 0.00	31.02 -0.08 0.00	29.92 -0.28 0.00	31.65 -0.04 0.00	32.46 0.36 0.00	29.85 0.61 0.00	27.03 0.96 0.00
NEVERSINK___HYD 23608	33.07 1.40 -0.18	20.98 0.77 -0.09	21.71 0.66 -0.02	19.85 0.61 0.00	20.26 0.62 0.00	19.95 0.67 0.00	19.41 0.72 0.00	21.40 0.89 0.00	23.91 1.07 0.00	29.22 1.34 -0.08	28.67 1.30 -0.11	27.08 1.18 -0.04	26.39 0.52 -0.06	27.24 0.51 0.00	29.91 0.36 0.00	29.94 0.35 0.00	30.07 0.54 0.00	31.45 0.57 -0.02	31.72 0.61 0.00	30.94 0.73 -0.01	33.26 1.55 -0.02	33.85 1.49 -0.26	30.88 1.25 -0.38	27.21 1.00 -0.15
NEWKRMKL_115KV_TB1 55635	31.73 0.64 0.41	20.24 0.32 0.20	21.26 0.30 0.06	19.53 0.30 0.00	19.94 0.30 0.00	19.60 0.32 0.00	19.02 0.33 0.00	20.91 0.39 0.00	23.25 0.41 0.00	28.14 0.52 0.18	27.57 0.55 0.25	26.34 0.55 0.08	26.26 0.58 0.13	27.38 0.65 0.00	30.33 0.78 0.00	30.28 0.69 0.00	30.20 0.67 0.00	31.47 0.66 0.05	31.78 0.67 0.00	30.82 0.66 0.03	32.29 0.65 0.04	32.12 0.61 0.60	28.82 0.48 0.90	26.02 0.31 0.35
NEWTON___FALLS_HYD 23847	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.15 -0.04	28.69 0.27 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.11 -0.78	32.08 0.18 -0.79	31.14 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
NGRID_A1_DSASP 323792	30.96 -0.53 0.00	20.00 -0.12 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.96 0.13 0.00	27.64 -0.16 0.00	26.56 -0.72 0.00	24.94 -0.92 0.00	24.98 -0.84 0.00	25.82 -0.91 0.00	28.15 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.14 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.82 -1.38 0.00	30.60 -1.08 0.00	31.37 -0.74 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
NGRID_A2_DSASP 323793	30.96 -0.53 0.00	20.00 -0.12 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.96 0.13 0.00	27.64 -0.16 0.00	26.56 -0.72 0.00	24.94 -0.92 0.00	24.98 -0.84 0.00	25.82 -0.91 0.00	28.15 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.14 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.82 -1.38 0.00	30.60 -1.08 0.00	31.37 -0.74 0.00	29.16 -0.08 0.00	26.69 0.63 0.00

NGRID_A4_DSASP 323807	30.97 -0.53 0.00	19.99 -0.13 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.97 0.13 0.00	27.63 -0.17 0.00	26.55 -0.72 0.00	24.93 -0.92 0.00	24.97 -0.85 0.00	25.82 -0.91 0.00	28.16 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.81 -1.39 0.00	30.59 -1.09 0.00	31.36 -0.75 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
NIAGARA_115E_LBMP 323715	30.97 -0.53 0.00	19.92 -0.20 0.00	21.11 0.09 0.00	19.38 0.14 0.00	19.82 0.18 0.00	19.44 0.16 0.00	18.85 0.16 0.00	20.49 -0.02 0.00	22.74 -0.10 0.00	27.37 -0.42 0.00	26.44 -0.83 0.00	24.85 -1.01 0.00	24.89 -0.92 0.00	25.74 -0.99 0.00	28.08 -1.48 0.00	28.24 -1.35 0.00	28.29 -1.23 0.00	29.62 -1.23 0.00	29.73 -1.38 0.00	28.77 -1.42 0.00	30.55 -1.13 0.00	31.31 -0.80 0.00	29.10 -0.14 0.00	26.75 0.69 0.00
NIAGARA_115W_LBMP 323714	30.91 -0.59 0.00	19.97 -0.15 0.00	21.17 0.15 0.00	19.43 0.19 0.00	19.88 0.24 0.00	19.50 0.21 0.00	18.90 0.21 0.00	20.63 0.12 0.00	22.93 0.09 0.00	27.60 -0.20 0.00	26.50 -0.77 0.00	24.89 -0.97 0.00	24.92 -0.89 0.00	25.77 -0.97 0.00	28.10 -1.45 0.00	28.25 -1.34 0.00	28.32 -1.21 0.00	29.63 -1.22 0.00	29.72 -1.38 0.00	28.76 -1.44 0.00	30.53 -1.15 0.00	31.30 -0.81 0.00	29.09 -0.14 0.00	26.64 0.57 0.00
NIAGARA_230_LBMP 323716	31.13 -0.36 0.00	20.01 -0.10 0.00	21.21 0.19 0.00	19.47 0.23 0.00	19.91 0.27 0.00	19.53 0.24 0.00	18.93 0.24 0.00	20.68 0.16 0.00	22.97 0.14 0.00	27.68 -0.12 0.00	26.70 -0.57 0.00	25.09 -0.77 0.00	25.13 -0.69 0.00	25.99 -0.74 0.00	28.35 -1.21 0.00	28.49 -1.10 0.00	28.58 -0.95 0.00	29.87 -0.98 0.00	29.98 -1.13 0.00	29.00 -1.20 0.00	30.78 -0.90 0.00	31.54 -0.56 0.00	29.29 0.06 0.00	26.80 0.74 0.00
NIAGARA__115KV_198_GIBSON 55903	30.91 -0.59 0.00	19.97 -0.15 0.00	21.17 0.15 0.00	19.43 0.19 0.00	19.88 0.24 0.00	19.50 0.21 0.00	18.91 0.21 0.00	20.63 0.12 0.00	22.93 0.09 0.00	27.59 -0.21 0.00	26.50 -0.77 0.00	24.88 -0.98 0.00	24.92 -0.90 0.00	25.76 -0.97 0.00	28.10 -1.45 0.00	28.26 -1.33 0.00	28.32 -1.21 0.00	29.63 -1.22 0.00	29.71 -1.39 0.00	28.75 -1.45 0.00	30.53 -1.16 0.00	31.30 -0.81 0.00	29.09 -0.15 0.00	26.64 0.58 0.00
NIAGARA____ 23760	31.13 -0.36 0.00	20.01 -0.10 0.00	21.21 0.19 0.00	19.47 0.23 0.00	19.91 0.27 0.00	19.53 0.24 0.00	18.93 0.24 0.00	20.68 0.16 0.00	22.97 0.14 0.00	27.68 -0.12 0.00	26.70 -0.57 0.00	25.09 -0.77 0.00	25.13 -0.69 0.00	25.99 -0.74 0.00	28.35 -1.21 0.00	28.49 -1.10 0.00	28.58 -0.95 0.00	29.87 -0.98 0.00	29.98 -1.13 0.00	29.00 -1.20 0.00	30.78 -0.90 0.00	31.54 -0.56 0.00	29.29 0.06 0.00	26.80 0.74 0.00
NINE_MILE_1 23575	30.74 -0.76 0.00	19.71 -0.41 0.00	20.61 -0.41 0.00	18.89 -0.35 0.00	19.27 -0.36 0.00	18.93 -0.35 0.00	18.33 -0.36 0.00	20.06 -0.45 0.00	21.71 -0.54 0.59	17.20 -0.68 9.92	26.37 -0.72 0.18	25.17 -0.69 0.00	17.52 -0.68 7.62	17.46 -0.70 8.57	18.48 -0.83 10.24	17.26 -0.82 11.51	17.26 -0.79 11.48	17.09 -0.79 12.97	17.07 -0.81 13.23	17.09 -0.80 12.31	16.87 -0.81 14.01	16.93 -0.81 14.38	17.23 -0.70 11.31	21.36 -0.53 4.17
NINE_MILE_2 23744	30.74 -0.76 0.00	19.71 -0.41 0.00	20.61 -0.41 0.00	18.89 -0.35 0.00	19.27 -0.36 0.00	18.93 -0.35 0.00	18.33 -0.36 0.00	20.06 -0.45 0.00	21.70 -0.54 0.60	17.05 -0.68 10.08	26.37 -0.72 0.18	25.17 -0.69 0.00	17.40 -0.68 7.73	17.33 -0.70 8.70	18.32 -0.83 10.40	17.09 -0.82 11.69	17.09 -0.79 11.65	16.89 -0.79 13.17	16.87 -0.81 13.42	16.90 -0.80 12.50	16.66 -0.81 14.22	16.71 -0.81 14.59	17.06 -0.70 11.48	21.30 -0.53 4.23
NM_CAPITAL____DRP 24208	31.71 0.67 0.45	20.24 0.34 0.22	21.29 0.33 0.06	19.56 0.33 0.00	19.97 0.33 0.00	19.62 0.34 0.00	19.05 0.35 0.00	20.93 0.42 0.00	23.26 0.42 0.00	28.14 0.53 0.19	27.57 0.57 0.27	26.34 0.56 0.09	26.25 0.58 0.14	27.39 0.67 0.00	30.34 0.79 0.00	30.29 0.70 0.00	30.19 0.66 0.00	31.44 0.64 0.06	31.76 0.65 0.00	30.81 0.65 0.04	32.29 0.65 0.05	32.07 0.62 0.65	28.75 0.49 0.98	26.00 0.32 0.38
NM_CENTRAL____DRP 24181	31.41 -0.09 0.00	20.13 0.01 0.00	21.03 0.01 0.00	19.28 0.04 0.00	19.67 0.03 0.00	19.34 0.06 0.00	18.73 0.04 0.00	20.52 0.00 0.00	22.88 -0.01 -0.06	28.73 -0.04 -0.96	27.18 -0.11 -0.02	25.75 -0.11 -0.73	26.44 -0.11 -0.82	27.44 -0.11 -0.82	30.33 -0.21 -0.99	30.49 -0.21 -1.11	30.47 -0.16 -1.11	31.98 -0.11 -1.25	32.24 -0.13 -1.27	31.23 -0.15 -1.19	32.91 -0.12 -1.35	33.37 -0.11 -1.38	30.27 -0.06 -1.09	26.54 0.08 -0.40
NM_FRONTIER____DRP 24179	30.91 -0.59 0.00	19.97 -0.15 0.00	21.17 0.15 0.00	19.43 0.19 0.00	19.88 0.24 0.00	19.50 0.21 0.00	18.91 0.21 0.00	20.63 0.12 0.00	22.93 0.09 0.00	27.59 -0.21 0.00	26.50 -0.77 0.00	24.88 -0.98 0.00	24.92 -0.90 0.00	25.76 -0.97 0.00	28.10 -1.45 0.00	28.26 -1.33 0.00	28.32 -1.21 0.00	29.63 -1.22 0.00	29.71 -1.39 0.00	28.75 -1.45 0.00	30.53 -1.16 0.00	31.30 -0.81 0.00	29.09 -0.15 0.00	26.64 0.58 0.00
NM_ST_REGIS____HYD 24053	31.52 0.02 0.00	20.10 -0.02 0.00	20.97 -0.05 0.00	19.04 -0.20 0.00	19.45 -0.19 0.00	19.06 -0.22 0.00	18.53 -0.16 0.00	20.43 -0.08 0.00	22.86 0.01 -0.02	28.23 0.14 -0.29	27.53 0.26 0.00	26.12 0.26 0.00	26.25 0.22 -0.21	27.19 0.22 -0.24	30.06 0.22 -0.29	30.05 0.14 -0.32	29.83 -0.02 -0.32	31.11 -0.10 -0.36	31.43 -0.04 -0.37	30.56 0.02 -0.34	32.09 0.02 -0.39	32.58 0.07 -0.40	29.82 0.26 -0.31	26.40 0.22 -0.12
NORTHPORT____1 23551	34.05 2.18 -0.37	21.67 1.37 -0.18	22.33 1.26 -0.05	20.40 1.16 0.00	20.80 1.16 0.00	20.38 1.10 0.00	19.86 1.17 0.00	21.81 1.29 0.00	24.42 1.58 0.00	29.93 1.97 -0.16	29.28 2.03 0.02	30.03 1.97 -2.20	28.65 2.01 -0.82	28.62 1.71 -0.17	31.27 1.61 -0.11	31.20 1.61 0.00	31.08 1.55 0.00	32.50 1.61 -0.05	32.80 1.70 0.00	31.96 1.73 -0.03	33.24 1.52 -0.04	34.18 1.53 -0.54	31.47 1.42 -0.80	27.82 1.45 -0.31
NORTHPORT____2 23552	34.05 2.18 -0.37	21.67 1.37 -0.18	22.33 1.26 -0.05	20.40 1.16 0.00	20.80 1.16 0.00	20.38 1.10 0.00	19.86 1.17 0.00	21.81 1.29 0.00	24.42 1.58 0.00	29.93 1.97 -0.16	29.28 2.03 0.02	30.03 1.97 -2.20	28.65 2.01 -0.82	28.62 1.71 -0.17	31.27 1.61 -0.11	31.20 1.61 0.00	31.08 1.55 0.00	32.50 1.61 -0.05	32.80 1.70 0.00	31.96 1.73 -0.03	33.24 1.52 -0.04	34.18 1.53 -0.54	31.47 1.42 -0.80	27.82 1.45 -0.31
NORTHPORT____3 23553	33.96 2.10 -0.37	21.62 1.32 -0.18	22.27 1.20 -0.05	20.35 1.11 0.00	20.74 1.10 0.00	20.34 1.05 0.00	19.83 1.13 0.00	21.76 1.25 0.00	24.35 1.52 0.00	29.85 1.89 -0.16	29.24 1.98 0.02	26.45 2.16 1.57	24.61 2.16 3.37	28.02 1.86 0.57	30.88 1.68 0.36	31.13 1.54 0.00	31.05 1.52 0.00	32.46 1.57 -0.05	32.73 1.62 0.00	31.88 1.65 -0.03	33.17 1.45 -0.04	34.11 1.47 -0.54	31.39 1.34 -0.80	27.77 1.40 -0.31

NORTHPORT___4 23650	33.96 2.10 -0.37	21.62 1.32 -0.18	22.27 1.20 -0.05	20.35 1.11 0.00	20.74 1.10 0.00	20.34 1.05 0.00	19.83 1.13 0.00	21.76 1.25 0.00	24.35 1.52 0.00	29.85 1.89 -0.16	29.24 1.98 0.02	26.45 2.16 1.57	24.61 2.16 3.37	28.02 1.86 0.57	30.88 1.68 0.36	31.13 1.54 0.00	31.05 1.52 0.00	32.46 1.57 -0.05	32.73 1.62 0.00	31.88 1.65 -0.03	33.17 1.45 -0.04	34.11 1.47 -0.54	31.39 1.34 -0.80	27.77 1.40 -0.31
NORTHPORT___IC 23718	34.05 2.18 -0.37	21.67 1.37 -0.18	22.33 1.26 -0.05	20.40 1.16 0.00	20.80 1.16 0.00	20.38 1.10 0.00	19.86 1.17 0.00	21.81 1.29 0.00	24.42 1.58 0.00	29.93 1.97 -0.16	29.28 2.03 0.02	30.03 1.97 -2.20	28.65 2.01 -0.82	28.62 1.71 -0.17	31.27 1.61 -0.11	31.20 1.61 0.00	31.08 1.55 0.00	32.50 1.61 -0.05	32.80 1.70 0.00	31.96 1.73 -0.03	33.24 1.52 -0.04	34.18 1.53 -0.54	31.47 1.42 -0.80	27.82 1.45 -0.31
NORTH___COUNTRY_ESR 323785	32.01 0.51 0.00	20.32 0.20 0.00	21.24 0.22 0.00	19.15 -0.09 0.00	19.45 -0.19 0.00	18.87 -0.41 0.00	18.37 -0.32 0.00	20.37 -0.14 0.00	23.08 0.24 0.00	28.32 0.52 0.00	27.86 0.59 0.00	26.43 0.57 0.00	26.35 0.53 0.00	27.36 0.63 0.00	30.39 0.84 0.00	30.47 0.88 0.00	30.31 0.79 0.00	31.63 0.77 0.00	31.95 0.84 0.00	31.08 0.88 0.00	32.53 0.85 0.00	32.93 0.82 0.00	29.95 0.70 0.00	26.58 0.51 0.00
NPX_GEN_1385_PROXY 323591	33.29 1.42 -0.37	21.20 0.90 -0.18	21.54 0.47 -0.05	19.79 0.55 0.00	20.17 0.54 0.00	19.94 0.66 0.00	19.42 0.73 0.00	21.32 0.81 0.00	23.88 1.04 0.00	29.27 1.31 -0.16	28.86 1.60 0.02	29.55 1.49 -2.20	28.17 1.53 -0.82	28.09 1.19 -0.17	30.82 1.16 -0.11	30.97 1.38 0.00	30.66 1.13 0.00	31.98 1.08 -0.05	32.86 1.41 -0.34	31.84 1.61 -0.03	32.74 1.02 -0.04	33.52 0.88 -0.54	31.17 1.13 -0.80	27.55 1.18 -0.31
NPX_GEN_CSC 323557	34.93 3.07 -0.37	22.22 1.92 -0.18	22.98 1.91 -0.05	20.96 1.73 0.00	21.36 1.72 0.00	20.87 1.59 0.00	20.35 1.66 0.00	22.36 1.85 0.00	25.06 2.23 0.00	30.80 2.84 -0.16	50.26 2.96 -20.03	62.71 2.95 -33.90	142.28 3.00 -113.46	35.93 2.76 -6.44	36.33 2.78 -4.00	32.11 2.52 0.00	32.07 2.54 0.00	33.59 2.70 -0.05	34.18 2.73 -0.34	32.94 2.72 -0.03	34.24 2.52 -0.04	35.18 2.53 -0.54	32.31 2.27 -0.80	28.51 2.14 -0.31
NSINS_S_GLNS_FALLS 23858	32.93 1.89 0.46	20.91 1.01 0.22	22.01 1.06 0.06	20.22 0.98 0.00	20.58 0.94 0.00	20.24 0.96 0.00	19.67 0.97 0.00	21.60 1.09 0.00	24.15 1.31 0.00	29.20 1.60 0.20	28.37 1.37 0.27	27.13 1.36 0.09	26.98 1.31 0.15	27.97 1.24 0.00	31.14 1.58 0.00	31.27 1.68 0.00	31.02 1.50 0.00	32.26 1.47 0.06	32.70 1.60 0.00	31.92 1.76 0.04	33.38 1.74 0.05	33.25 1.80 0.66	29.75 1.50 0.99	26.85 1.17 0.39
NUCOR_STEEL___DRP 24197	32.05 0.56 0.00	20.44 0.32 0.00	21.44 0.42 0.00	19.65 0.41 0.00	20.08 0.45 0.00	19.64 0.36 0.00	19.11 0.42 0.00	20.94 0.43 0.00	23.44 0.50 -0.10	30.02 0.47 -1.75	27.72 0.41 -0.03	26.27 0.41 0.00	27.56 0.41 -1.34	28.68 0.44 -1.51	31.79 0.44 -1.80	32.10 0.48 -2.02	32.08 0.54 -2.02	33.62 0.49 -2.28	34.00 0.57 -2.32	32.94 0.58 -2.16	34.79 0.64 -2.46	35.29 0.66 -2.52	31.69 0.47 -1.99	27.41 0.62 -0.73
NUMBER_THREE_WT_PWR 323818	32.17 0.67 0.00	20.52 0.40 0.00	21.39 0.37 0.00	19.55 0.31 0.00	19.93 0.29 0.00	19.63 0.35 0.00	19.01 0.32 0.00	20.94 0.42 0.00	23.45 0.57 -0.04	29.30 0.76 -0.74	28.03 0.75 -0.01	26.55 0.69 0.00	27.03 0.67 -0.54	28.05 0.70 -0.61	30.98 0.70 -0.73	31.10 0.70 -0.82	31.05 0.71 -0.82	32.63 0.86 -0.92	32.97 0.92 -0.94	32.00 0.92 -0.88	33.62 0.94 -1.00	34.02 0.89 -1.02	30.85 0.81 -0.80	27.04 0.68 -0.30
NYISO_LBMP_REFERENCE 24008	31.50 0.00 0.00	20.12 0.00 0.00	21.02 0.00 0.00	19.24 0.00 0.00	19.64 0.00 0.00	19.28 0.00 0.00	18.69 0.00 0.00	20.51 0.00 0.00	22.84 0.00 0.00	27.80 0.00 0.00	27.27 0.00 0.00	25.86 0.00 0.00	25.82 0.00 0.00	26.73 0.00 0.00	29.55 0.00 0.00	29.59 0.00 0.00	29.53 0.00 0.00	30.85 0.00 0.00	31.10 0.00 0.00	30.20 0.00 0.00	31.69 0.00 0.00	32.11 0.00 0.00	29.24 0.00 0.00	26.06 0.00 0.00
NYPA_BRENTWD___GT 24164	34.64 2.77 -0.37	22.03 1.73 -0.18	22.71 1.64 -0.05	20.72 1.48 0.00	21.12 1.49 0.00	20.70 1.42 0.00	20.17 1.47 0.00	22.16 1.64 0.00	24.83 1.99 0.00	30.48 2.52 -0.16	34.71 2.60 -4.84	36.58 2.59 -8.14	62.22 2.62 -33.78	30.33 2.25 -1.35	32.47 2.08 -0.84	31.48 1.89 0.00	31.41 1.89 0.00	32.88 1.99 -0.05	33.18 2.08 0.00	32.42 2.19 -0.03	33.82 2.09 -0.04	34.78 2.14 -0.54	32.06 2.01 -0.80	28.29 1.92 -0.31
NYPA_GOWANUS___GT5 24156	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NYPA_GOWANUS___GT6 24157	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.42 1.18 0.00	20.80 1.16 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.91 1.40 0.00	24.49 1.65 0.00	30.00 2.04 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.49 -0.31
NYPA_HARLEM__RVR_GT1 24160	33.90 2.03 -0.37	21.47 1.17 -0.18	22.17 1.10 -0.05	20.29 1.05 0.00	20.68 1.04 0.00	20.27 0.99 0.00	19.76 1.07 0.00	21.74 1.22 0.00	24.28 1.44 0.00	29.76 1.80 -0.16	29.32 1.83 -0.22	27.72 1.79 -0.07	27.70 1.77 -0.12	28.50 1.77 0.00	31.34 1.79 0.00	31.36 1.77 0.00	31.33 1.81 0.00	32.71 1.81 -0.05	32.88 1.78 0.00	31.94 1.71 -0.03	33.41 1.69 -0.04	34.30 1.66 -0.54	31.56 1.52 -0.80	27.67 1.30 -0.31
NYPA_HARLEM__RVR_GT2 24161	33.90 2.03 -0.37	21.47 1.17 -0.18	22.17 1.10 -0.05	20.29 1.05 0.00	20.68 1.04 0.00	20.27 0.99 0.00	19.76 1.07 0.00	21.74 1.22 0.00	24.28 1.44 0.00	29.76 1.80 -0.16	29.32 1.83 -0.22	27.72 1.79 -0.07	27.70 1.77 -0.12	28.50 1.77 0.00	31.34 1.79 0.00	31.36 1.77 0.00	31.33 1.81 0.00	32.71 1.81 -0.05	32.88 1.78 0.00	31.94 1.71 -0.03	33.41 1.69 -0.04	34.30 1.66 -0.54	31.56 1.52 -0.80	27.67 1.30 -0.31
NYPA_KENT___GT 24152	34.12 2.26 -0.37	21.60 1.29 -0.18	22.30 1.22 -0.05	20.39 1.15 0.00	20.77 1.13 0.00	20.38 1.10 0.00	19.87 1.17 0.00	21.88 1.37 0.00	24.45 1.61 0.00	29.96 2.00 -0.16	29.51 2.02 -0.22	27.86 1.93 -0.07	27.87 1.94 -0.12	28.70 1.97 0.00	31.56 2.01 0.00	31.59 1.99 0.00	31.53 2.00 0.00	32.93 2.03 -0.05	33.11 2.01 0.00	32.27 1.95 -0.13	33.79 1.94 -0.16	34.58 1.94 -0.54	31.78 1.74 -0.80	27.83 1.45 -0.31

NYPA_POUCH1____GT 24155	34.11 2.25 -0.37	21.58 1.28 -0.18	22.29 1.22 -0.05	20.38 1.14 0.00	20.76 1.12 0.00	20.37 1.09 0.00	19.85 1.15 0.00	21.86 1.35 0.00	24.43 1.59 0.00	29.93 1.97 -0.16	29.49 2.00 -0.22	27.83 1.90 -0.07	27.85 1.91 -0.12	28.66 1.93 0.00	31.55 2.00 0.00	31.55 1.96 0.00	31.48 1.95 0.00	32.89 2.00 -0.05	33.09 1.98 0.00	32.31 1.91 -0.20	33.84 1.91 -0.24	34.57 1.92 -0.54	31.77 1.72 -0.80	27.81 1.43 -0.31
NYPA_VERNON____GT2 24162	34.06 2.19 -0.37	21.56 1.26 -0.18	22.26 1.19 -0.05	20.36 1.12 0.00	20.74 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.85 1.33 0.00	24.41 1.57 0.00	29.91 1.95 -0.16	29.46 1.97 -0.22	27.82 1.89 -0.07	27.83 1.89 -0.12	28.65 1.92 0.00	31.50 1.95 0.00	31.53 1.94 0.00	31.48 1.95 0.00	32.87 1.97 -0.05	33.05 1.95 0.00	32.14 1.89 -0.06	33.64 1.89 -0.08	34.51 1.87 -0.54	31.72 1.68 -0.80	27.79 1.42 -0.31
NYPA_VERNON____GT3 24163	34.06 2.19 -0.37	21.56 1.26 -0.18	22.26 1.19 -0.05	20.36 1.12 0.00	20.74 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.85 1.33 0.00	24.41 1.57 0.00	29.91 1.95 -0.16	29.46 1.97 -0.22	27.82 1.89 -0.07	27.83 1.89 -0.12	28.65 1.92 0.00	31.50 1.95 0.00	31.53 1.94 0.00	31.48 1.95 0.00	32.87 1.97 -0.05	33.05 1.95 0.00	32.14 1.89 -0.06	33.64 1.89 -0.08	34.51 1.87 -0.54	31.72 1.68 -0.80	27.79 1.42 -0.31
NYPA____ASTORIA_CC1 323568	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.83 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.37 -0.31
NYPA____ASTORIA_CC2 323569	33.98 2.12 -0.37	21.51 1.21 -0.18	22.21 1.14 -0.05	20.31 1.07 0.00	20.70 1.06 0.00	20.31 1.03 0.00	19.80 1.11 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.40 1.91 -0.22	27.77 1.84 -0.07	27.77 1.83 -0.12	28.59 1.87 0.00	31.44 1.89 0.00	31.46 1.87 0.00	31.40 1.87 0.00	32.79 1.89 -0.05	32.97 1.87 0.00	32.04 1.81 -0.03	33.53 1.81 -0.04	34.44 1.80 -0.54	31.66 1.62 -0.80	27.74 1.37 -0.31
NYPA____HOLTSVILL 23794	34.44 2.58 -0.37	21.92 1.62 -0.18	22.64 1.56 -0.05	20.65 1.41 0.00	21.04 1.41 0.00	20.60 1.32 0.00	20.08 1.39 0.00	22.06 1.55 0.00	24.71 1.88 0.00	30.34 2.38 -0.16	49.98 2.48 -20.23	61.64 2.47 -33.32	141.65 2.48 -113.35	35.28 2.23 -6.32	35.67 2.18 -3.93	31.60 2.01 0.00	31.52 1.99 0.00	32.99 2.10 -0.05	33.26 2.16 0.00	32.39 2.16 -0.03	33.70 1.98 -0.04	34.66 2.02 -0.54	31.89 1.85 -0.80	28.15 1.77 -0.31
NYPA____HELLGATE_GT1 24158	33.90 2.03 -0.37	21.47 1.17 -0.18	22.17 1.10 -0.05	20.29 1.05 0.00	20.68 1.04 0.00	20.27 0.99 0.00	19.76 1.07 0.00	21.74 1.22 0.00	24.28 1.44 0.00	29.76 1.80 -0.16	29.32 1.83 -0.22	27.72 1.79 -0.07	27.70 1.77 -0.12	28.50 1.77 0.00	31.34 1.79 0.00	31.36 1.77 0.00	31.36 1.83 0.00	32.74 1.84 -0.05	32.91 1.80 0.00	31.96 1.74 -0.03	33.43 1.71 -0.04	34.30 1.66 -0.54	31.57 1.52 -0.80	27.67 1.30 -0.31
NYPA____HELLGATE_GT2 24159	33.90 2.03 -0.37	21.47 1.17 -0.18	22.17 1.10 -0.05	20.29 1.05 0.00	20.68 1.04 0.00	20.27 0.99 0.00	19.76 1.07 0.00	21.74 1.22 0.00	24.28 1.44 0.00	29.76 1.80 -0.16	29.32 1.83 -0.22	27.72 1.79 -0.07	27.70 1.77 -0.12	28.50 1.77 0.00	31.34 1.79 0.00	31.36 1.77 0.00	31.36 1.83 0.00	32.74 1.84 -0.05	32.91 1.80 0.00	31.96 1.74 -0.03	33.43 1.71 -0.04	34.30 1.66 -0.54	31.57 1.52 -0.80	27.67 1.30 -0.31
NYS_BARGE____HYD 23848	31.44 -0.05 0.00	20.21 0.09 0.00	21.40 0.38 0.00	19.64 0.40 0.00	20.08 0.45 0.00	19.70 0.42 0.00	19.11 0.42 0.00	20.82 0.30 0.00	23.13 0.29 0.00	27.87 0.07 0.00	26.91 -0.36 0.00	25.30 -0.56 0.00	25.34 -0.48 0.00	26.23 -0.51 0.00	28.62 -0.93 0.00	28.79 -0.81 0.00	28.87 -0.66 0.00	30.24 -0.62 0.00	30.34 -0.76 0.00	29.37 -0.83 0.00	31.18 -0.51 0.00	31.93 -0.18 0.00	29.61 0.37 0.00	27.13 1.07 0.00
OAK ORCHARD____HYD 24046	32.05 0.55 0.00	20.56 0.44 0.00	21.67 0.65 0.00	19.87 0.64 0.00	20.30 0.67 0.00	19.90 0.62 0.00	19.31 0.62 0.00	21.14 0.63 0.00	23.53 0.70 0.00	28.48 0.68 0.00	27.68 0.41 0.00	26.13 0.27 0.00	26.16 0.34 0.00	27.06 0.33 0.00	29.68 0.13 0.00	29.78 0.19 0.00	29.88 0.35 0.00	31.26 0.40 0.00	31.44 0.34 0.00	30.46 0.27 0.00	32.19 0.50 0.00	32.78 0.68 0.00	30.13 0.89 0.00	27.24 1.17 0.00
OAKDALE__35_KV_LOAD 356122	31.90 0.40 0.00	20.38 0.26 0.00	21.32 0.30 0.00	19.52 0.28 0.00	19.93 0.29 0.00	19.58 0.30 0.00	19.00 0.30 0.00	20.87 0.35 0.00	23.28 0.41 -0.04	28.92 0.44 -0.68	27.58 0.30 -0.01	26.12 0.26 0.00	26.64 0.31 -0.52	27.65 0.33 -0.58	30.51 0.26 -0.70	30.68 0.30 -0.78	30.66 0.35 -0.78	32.21 0.48 -0.88	32.42 0.42 -0.90	31.39 0.35 -0.84	33.05 0.41 -0.95	33.58 0.49 -0.98	30.49 0.48 -0.77	26.85 0.51 -0.28
OCC_CHEM____DRP 24175	30.97 -0.53 0.00	19.99 -0.13 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.97 0.13 0.00	27.63 -0.17 0.00	26.55 -0.72 0.00	24.93 -0.92 0.00	24.97 -0.85 0.00	25.82 -0.91 0.00	28.16 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.81 -1.39 0.00	30.59 -1.09 0.00	31.36 -0.75 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
OH_GEN_PROXY 24063	31.16 -0.34 0.00	20.03 -0.09 0.00	21.22 0.20 0.00	19.47 0.23 0.00	19.92 0.28 0.00	19.53 0.25 0.00	18.94 0.25 0.00	20.71 0.19 0.00	23.02 0.18 0.00	27.74 -0.07 0.00	26.77 -0.50 0.00	25.15 -0.70 0.00	25.18 -0.63 0.00	26.05 -0.68 0.00	28.42 -1.13 0.00	28.56 -1.03 0.00	28.66 -0.87 0.00	29.96 -0.89 0.00	30.41 -1.04 -0.34	29.08 -1.12 0.00	30.86 -0.82 0.00	31.62 -0.49 0.00	29.34 0.09 0.00	26.80 0.74 0.00
OLIN_CORP_DRP 24177	31.02 -0.48 0.00	19.95 -0.17 0.00	21.14 0.12 0.00	19.40 0.16 0.00	19.84 0.21 0.00	19.47 0.19 0.00	18.88 0.19 0.00	20.54 0.02 0.00	22.79 -0.05 0.00	27.42 -0.38 0.00	26.49 -0.78 0.00	24.91 -0.95 0.00	24.94 -0.88 0.00	25.80 -0.93 0.00	28.13 -1.42 0.00	28.30 -1.29 0.00	28.36 -1.17 0.00	29.68 -1.17 0.00	29.78 -1.32 0.00	28.82 -1.38 0.00	30.61 -1.07 0.00	31.37 -0.74 0.00	29.15 -0.09 0.00	26.79 0.72 0.00
OLIN_CORP_DSASP 323712	30.96 -0.53 0.00	20.00 -0.12 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.96 0.13 0.00	27.64 -0.16 0.00	26.56 -0.72 0.00	24.94 -0.92 0.00	24.98 -0.84 0.00	25.82 -0.91 0.00	28.15 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.14 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.82 -1.38 0.00	30.60 -1.08 0.00	31.37 -0.74 0.00	29.16 -0.08 0.00	26.69 0.63 0.00

ONEIDA_HERK_LFGE 323681	32.23 0.74 0.00	20.56 0.44 0.00	21.43 0.41 0.00	19.60 0.36 0.00	20.00 0.36 0.00	19.70 0.42 0.00	19.09 0.39 0.00	21.00 0.48 0.00	23.46 0.60 -0.03	29.03 0.79 -0.43	28.04 0.76 -0.01	26.56 0.70 0.00	26.81 0.69 -0.29	27.78 0.71 -0.33	30.69 0.74 -0.40	30.80 0.76 -0.45	30.76 0.79 -0.44	32.28 0.92 -0.50	32.57 0.96 -0.51	31.61 0.93 -0.48	33.19 0.96 -0.54	33.58 0.92 -0.56	30.49 0.81 -0.44	26.92 0.69 -0.16
ONEIDA___115KV_TB4 55905	32.37 0.88 0.00	20.67 0.55 0.00	21.54 0.52 0.00	19.71 0.47 0.00	20.12 0.48 0.00	19.82 0.54 0.00	19.20 0.51 0.00	21.10 0.58 0.00	23.56 0.69 -0.03	29.24 0.88 -0.56	28.10 0.82 -0.01	26.62 0.76 0.00	27.00 0.77 -0.41	27.97 0.79 -0.45	30.93 0.83 -0.55	31.09 0.89 -0.61	31.08 0.94 -0.61	32.62 1.08 -0.69	32.90 1.09 -0.71	31.90 1.05 -0.66	33.52 1.10 -0.75	33.94 1.07 -0.77	30.78 0.94 -0.60	27.12 0.83 -0.22
ONONDAGA_REF_OCCRA 23987	31.62 0.12 0.00	20.25 0.13 0.00	21.16 0.14 0.00	19.38 0.14 0.00	19.78 0.14 0.00	19.45 0.16 0.00	18.84 0.14 0.00	20.64 0.13 0.00	23.05 0.14 -0.07	29.12 0.15 -1.16	27.36 0.07 -0.02	25.92 0.06 0.00	26.77 0.07 -0.89	27.81 0.08 -1.00	30.76 0.02 -1.19	30.95 0.02 -1.34	30.94 0.07 -1.34	32.51 0.15 -1.51	32.77 0.12 -1.54	31.73 0.10 -1.43	33.46 0.15 -1.63	33.92 0.14 -1.67	30.72 0.16 -1.32	26.79 0.24 -0.48
ONONDAGA___COGEN 23986	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
ONTARIO___LFGE 23819	32.24 0.74 0.00	20.67 0.55 0.00	21.66 0.64 0.00	19.83 0.59 0.00	20.25 0.61 0.00	19.90 0.62 0.00	19.33 0.63 0.00	21.22 0.70 0.00	23.69 0.81 -0.03	29.25 0.88 -0.57	27.97 0.69 -0.01	26.43 0.57 0.00	26.89 0.64 -0.44	27.90 0.68 -0.49	30.70 0.56 -0.59	30.91 0.66 -0.66	30.87 0.68 -0.66	32.44 0.84 -0.74	32.74 0.87 -0.76	31.76 0.85 -0.71	33.37 0.89 -0.80	33.93 0.99 -0.83	30.93 1.04 -0.65	27.39 1.09 -0.24
ORANGEVILLE_WT_PWR 323706	31.74 0.24 0.00	20.41 0.29 0.00	21.52 0.50 0.00	19.73 0.49 0.00	20.16 0.52 0.00	19.77 0.49 0.00	19.19 0.50 0.00	21.03 0.51 0.00	23.40 0.56 0.00	28.27 0.47 0.00	27.33 0.06 0.00	25.72 -0.14 0.00	25.78 -0.04 0.00	26.70 -0.03 0.00	29.22 -0.33 0.00	29.38 -0.21 0.00	29.43 -0.10 0.00	30.85 -0.01 0.00	30.96 -0.15 0.00	29.96 -0.24 0.00	31.71 0.03 0.00	32.43 0.33 0.00	29.91 0.67 0.00	27.13 1.07 0.00
ORANGEVILLE___ESR 323794	31.74 0.24 0.00	20.41 0.29 0.00	21.52 0.50 0.00	19.73 0.49 0.00	20.16 0.52 0.00	19.77 0.49 0.00	19.19 0.50 0.00	21.03 0.51 0.00	23.40 0.56 0.00	28.27 0.47 0.00	27.33 0.06 0.00	25.72 -0.14 0.00	25.78 -0.04 0.00	26.70 -0.03 0.00	29.22 -0.33 0.00	29.38 -0.21 0.00	29.43 -0.10 0.00	30.85 -0.01 0.00	30.96 -0.15 0.00	29.96 -0.24 0.00	31.71 0.03 0.00	32.43 0.33 0.00	29.91 0.67 0.00	27.13 1.07 0.00
OSWEGATCHIE___HYD 24044	31.64 0.15 0.00	20.20 0.08 0.00	21.08 0.06 0.00	19.22 -0.01 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.71 0.02 0.00	20.60 0.09 0.00	23.03 0.16 -0.04	28.69 0.28 -0.62	27.61 0.33 -0.01	26.17 0.31 0.00	26.56 0.28 -0.46	27.52 0.27 -0.51	30.39 0.23 -0.62	30.45 0.17 -0.69	30.31 0.09 -0.69	31.75 0.12 -0.78	32.08 0.18 -0.79	31.15 0.21 -0.74	32.75 0.22 -0.84	33.20 0.24 -0.86	30.26 0.35 -0.68	26.60 0.29 -0.25
OSWEGO___5 23606	30.99 -0.51 0.00	19.86 -0.26 0.00	20.77 -0.25 0.00	19.03 -0.21 0.00	19.42 -0.21 0.00	19.08 -0.20 0.00	18.48 -0.22 0.00	20.23 -0.28 0.00	22.93 -0.34 -0.44	34.76 -0.45 -7.40	26.91 -0.49 -0.13	25.38 -0.47 0.00	31.03 -0.46 -5.68	32.63 -0.48 -6.39	36.60 -0.59 -7.64	37.60 -0.58 -8.58	37.55 -0.54 -8.55	39.98 -0.54 -9.67	40.41 -0.55 -9.86	38.83 -0.54 -9.18	41.58 -0.55 -10.44	42.29 -0.53 -10.72	37.20 -0.47 -8.43	28.85 -0.32 -3.11
OSWEGO___6 23613	30.99 -0.51 0.00	19.86 -0.26 0.00	20.77 -0.25 0.00	19.03 -0.21 0.00	19.42 -0.21 0.00	19.08 -0.20 0.00	18.48 -0.22 0.00	20.23 -0.28 0.00	22.93 -0.34 -0.44	34.76 -0.45 -7.40	26.91 -0.49 -0.13	25.38 -0.47 0.00	31.03 -0.46 -5.68	32.63 -0.48 -6.39	36.60 -0.59 -7.64	37.60 -0.58 -8.58	37.55 -0.54 -8.55	39.98 -0.54 -9.67	40.41 -0.55 -9.86	38.83 -0.54 -9.18	41.58 -0.55 -10.44	42.29 -0.53 -10.72	37.20 -0.47 -8.43	28.85 -0.32 -3.11
OUTOKUMPU-AB___DRP 24206	31.70 0.20 0.00	20.40 0.28 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.62 0.00	19.88 0.60 0.00	19.28 0.59 0.00	21.05 0.54 0.00	23.42 0.58 0.00	28.22 0.42 0.00	27.20 -0.07 0.00	25.56 -0.30 0.00	25.62 -0.19 0.00	26.54 -0.19 0.00	28.97 -0.58 0.00	29.16 -0.43 0.00	29.25 -0.28 0.00	30.63 -0.22 0.00	30.72 -0.38 0.00	29.69 -0.50 0.00	31.52 -0.16 0.00	32.27 0.16 0.00	29.91 0.67 0.00	27.34 1.28 0.00
OXBOW___ 24026	31.42 -0.08 0.00	20.25 0.13 0.00	21.46 0.44 0.00	19.68 0.45 0.00	20.14 0.50 0.00	19.75 0.47 0.00	19.15 0.46 0.00	20.91 0.40 0.00	23.26 0.42 0.00	28.02 0.22 0.00	26.96 -0.31 0.00	25.33 -0.53 0.00	25.39 -0.43 0.00	26.26 -0.47 0.00	28.66 -0.89 0.00	28.84 -0.76 0.00	28.93 -0.60 0.00	30.27 -0.59 0.00	30.36 -0.74 0.00	29.36 -0.83 0.00	31.18 -0.51 0.00	31.93 -0.17 0.00	29.63 0.39 0.00	27.09 1.03 0.00
OXY_CHEM_DSASP 323612	30.97 -0.53 0.00	19.99 -0.13 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.97 0.13 0.00	27.63 -0.17 0.00	26.55 -0.72 0.00	24.93 -0.92 0.00	24.97 -0.85 0.00	25.82 -0.91 0.00	28.16 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.81 -1.39 0.00	30.59 -1.09 0.00	31.36 -0.75 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
OZONE_PARK_ESR 323760	34.44 2.57 -0.37	21.80 1.50 -0.18	22.51 1.44 -0.05	20.57 1.33 0.00	20.94 1.31 0.00	20.54 1.26 0.00	20.01 1.32 0.00	22.05 1.53 0.00	24.63 1.80 0.00	30.19 2.23 -0.16	29.72 2.22 -0.22	28.08 2.15 -0.07	28.08 2.15 -0.12	28.93 2.20 0.00	31.82 2.26 0.00	31.85 2.26 0.00	31.84 2.31 0.00	33.25 2.35 -0.05	33.43 2.33 0.00	32.48 2.26 -0.03	34.00 2.27 -0.04	34.92 2.28 -0.54	32.09 2.05 -0.80	28.09 1.72 -0.31
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	30.97 -0.53 0.00	19.99 -0.13 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.97 0.13 0.00	27.63 -0.17 0.00	26.55 -0.72 0.00	24.93 -0.92 0.00	24.97 -0.85 0.00	25.82 -0.91 0.00	28.16 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.81 -1.39 0.00	30.59 -1.09 0.00	31.36 -0.75 0.00	29.16 -0.08 0.00	26.69 0.63 0.00

PACKARD__115KV_DUPONT_184 80571	30.97 -0.53 0.00	19.99 -0.13 0.00	21.21 0.18 0.00	19.46 0.22 0.00	19.91 0.27 0.00	19.52 0.24 0.00	18.93 0.24 0.00	20.66 0.15 0.00	22.97 0.13 0.00	27.63 -0.17 0.00	26.55 -0.72 0.00	24.93 -0.92 0.00	24.97 -0.85 0.00	25.82 -0.91 0.00	28.16 -1.40 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.69 -1.16 0.00	29.78 -1.32 0.00	28.81 -1.39 0.00	30.59 -1.09 0.00	31.36 -0.75 0.00	29.16 -0.08 0.00	26.69 0.63 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.89 2.02 -0.37	21.46 1.16 -0.18	22.17 1.10 -0.05	20.28 1.05 0.00	20.67 1.04 0.00	20.28 1.00 0.00	19.77 1.07 0.00	21.75 1.24 0.00	24.29 1.45 0.00	29.77 1.82 -0.16	29.34 1.85 -0.22	27.74 1.81 -0.07	27.72 1.79 -0.12	28.53 1.80 0.00	31.37 1.82 0.00	31.39 1.80 0.00	31.37 1.84 0.00	32.76 1.86 -0.05	32.94 1.84 0.00	32.01 1.78 -0.03	33.48 1.76 -0.04	34.38 1.74 -0.54	31.61 1.57 -0.80	27.70 1.33 -0.31
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	34.24 2.38 -0.37	21.70 1.40 -0.18	22.33 1.27 -0.05	20.42 1.18 0.00	20.82 1.18 0.00	20.51 1.23 0.00	19.98 1.29 0.00	21.99 1.47 0.00	24.54 1.70 0.00	30.07 2.11 -0.16	29.61 2.12 -0.22	27.98 2.05 -0.07	27.94 2.01 -0.12	28.73 2.00 0.00	31.57 2.02 0.00	31.62 2.02 0.00	31.55 2.02 0.00	32.98 2.08 -0.05	33.20 2.09 0.00	32.26 2.03 -0.03	33.77 2.05 -0.04	34.69 2.05 -0.54	31.89 1.84 -0.80	27.96 1.58 -0.31
PATROON__115KV_TB1 80586	31.82 0.74 0.42	20.30 0.39 0.21	21.33 0.37 0.06	19.60 0.36 0.00	20.00 0.36 0.00	19.66 0.38 0.00	19.08 0.39 0.00	20.98 0.47 0.00	23.33 0.49 0.00	28.23 0.62 0.18	27.66 0.65 0.25	26.43 0.65 0.08	26.35 0.67 0.13	27.48 0.75 0.00	30.43 0.88 0.00	30.39 0.80 0.00	30.30 0.77 0.00	31.57 0.77 0.05	31.89 0.78 0.00	30.93 0.77 0.04	32.40 0.76 0.04	32.22 0.73 0.62	28.89 0.57 0.92	26.10 0.40 0.36
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.71 0.22 0.00	20.35 0.23 0.00	21.51 0.49 0.00	19.72 0.48 0.00	20.15 0.52 0.00	19.78 0.50 0.00	19.20 0.50 0.00	21.04 0.52 0.00	23.42 0.58 0.00	28.27 0.47 0.00	27.29 0.02 0.00	25.65 -0.21 0.00	25.72 -0.09 0.00	26.68 -0.05 0.00	29.17 -0.39 0.00	29.33 -0.26 0.00	29.41 -0.12 0.00	30.82 -0.04 0.00	30.91 -0.19 0.00	29.87 -0.33 0.00	31.66 -0.02 0.00	32.42 0.31 0.00	29.95 0.70 0.00	27.23 1.17 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.86 2.05 -0.32	21.45 1.17 -0.15	22.18 1.12 -0.04	20.28 1.04 0.00	20.67 1.04 0.00	20.31 1.02 0.00	19.77 1.08 0.00	21.79 1.27 0.00	24.32 1.48 0.00	29.79 1.85 -0.14	29.34 1.88 -0.19	27.75 1.83 -0.06	27.76 1.85 -0.10	28.63 1.90 0.00	31.53 1.97 0.00	31.54 1.95 0.00	31.51 1.98 0.00	32.96 2.07 -0.04	33.18 2.08 0.00	32.22 2.00 -0.03	33.71 2.00 -0.03	34.53 1.96 -0.46	31.63 1.71 -0.69	27.75 1.42 -0.27
PEEKSKILL____ 23653	33.56 1.70 -0.36	21.25 0.96 -0.18	21.97 0.90 -0.05	20.08 0.84 0.00	20.48 0.84 0.00	20.12 0.83 0.00	19.59 0.89 0.00	21.58 1.07 0.00	24.09 1.26 0.00	29.51 1.55 -0.15	29.04 1.55 -0.21	27.44 1.51 -0.07	27.46 1.53 -0.11	28.28 1.55 0.00	31.15 1.59 0.00	31.16 1.56 0.00	31.11 1.58 0.00	32.54 1.64 -0.04	32.75 1.64 0.00	31.81 1.58 -0.03	33.28 1.56 -0.04	34.18 1.55 -0.52	31.39 1.36 -0.78	27.50 1.13 -0.30
PGE MADISON__WINDPWR 24146	33.98 2.49 0.00	21.67 1.55 0.00	22.55 1.53 0.00	20.61 1.37 0.00	21.02 1.39 0.00	20.72 1.44 0.00	20.09 1.40 0.00	22.20 1.68 0.00	24.90 2.01 -0.04	31.02 2.48 -0.75	29.56 2.28 -0.01	27.97 2.11 0.00	28.60 2.21 -0.57	29.69 2.31 -0.64	32.72 2.40 -0.77	32.89 2.44 -0.87	33.06 2.68 -0.86	34.93 3.11 -0.97	35.29 3.19 -0.99	34.27 3.15 -0.92	36.01 3.28 -1.05	36.33 3.15 -1.08	32.78 2.69 -0.85	28.71 2.34 -0.31
PIERCEFIELD__HYD 23852	31.28 -0.22 0.00	19.97 -0.15 0.00	20.83 -0.20 0.00	18.95 -0.29 0.00	19.38 -0.26 0.00	19.02 -0.25 0.00	18.49 -0.20 0.00	20.35 -0.16 0.00	22.70 -0.15 -0.02	28.03 -0.09 -0.32	27.31 0.04 -0.01	25.90 0.05 0.00	26.07 0.02 -0.23	26.98 -0.01 -0.27	29.78 -0.09 -0.32	29.75 -0.19 -0.35	29.51 -0.37 -0.35	30.77 -0.48 -0.40	31.08 -0.43 -0.41	30.21 -0.37 -0.38	31.76 -0.36 -0.43	32.27 -0.28 -0.44	29.61 0.02 -0.35	26.23 0.04 -0.13
PINELAWN_CC_1 323563	34.44 2.58 -0.37	21.87 1.57 -0.18	22.56 1.49 -0.05	20.59 1.35 0.00	20.98 1.34 0.00	20.56 1.28 0.00	20.04 1.34 0.00	22.02 1.51 0.00	24.66 1.82 0.00	30.30 2.34 -0.16	31.34 2.41 -1.66	31.73 2.42 -3.45	38.05 2.28 -9.95	29.08 1.93 -0.42	31.58 1.77 -0.26	31.28 1.68 0.00	31.20 1.68 0.00	32.57 1.67 -0.05	32.97 1.86 0.00	32.13 1.91 -0.03	33.53 1.80 -0.04	34.73 2.09 -0.54	31.93 1.89 -0.80	28.15 1.78 -0.31
PJM_GEN_HTP_PROXY 323702	33.87 2.00 -0.37	21.43 1.13 -0.18	22.14 1.07 -0.05	20.22 0.98 0.00	20.61 0.97 0.00	20.24 0.96 0.00	19.72 1.03 0.00	21.81 1.22 -0.08	24.28 1.44 0.00	29.74 1.78 -0.16	29.28 1.79 -0.22	27.64 1.71 -0.07	27.66 1.72 -0.12	28.48 1.75 0.00	31.34 1.79 0.00	31.20 1.80 0.18	31.36 1.83 0.00	33.71 1.84 -1.02	32.91 1.81 0.00	31.96 1.73 -0.03	33.44 1.72 -0.04	34.37 1.72 -0.54	31.59 1.55 -0.80	27.68 1.30 -0.31
PJM_GEN_KEystone 24065	32.44 0.75 -0.19	20.65 0.44 -0.09	21.54 0.49 -0.03	19.63 0.47 0.08	20.06 0.48 0.06	19.77 0.49 0.00	19.23 0.53 0.00	21.23 0.64 -0.08	23.59 0.75 0.00	28.72 0.84 -0.08	28.00 0.62 -0.11	26.40 0.50 -0.04	26.43 0.55 -0.06	27.31 0.58 0.00	30.00 0.45 0.00	29.85 0.44 0.19	30.04 0.52 0.00	32.46 0.61 -1.00	31.64 0.54 0.00	30.66 0.44 -0.02	32.22 0.52 -0.02	33.06 0.68 -0.28	30.39 0.73 -0.41	27.04 0.81 -0.16
PJM_GEN_NEPTUNE_PROXY 323594	33.89 2.02 -0.37	21.51 1.21 -0.18	22.18 1.11 -0.05	20.27 1.03 0.00	20.66 1.02 0.00	20.28 0.99 0.00	19.75 1.06 0.00	21.80 1.21 -0.08	24.31 1.46 0.00	29.80 1.85 -0.16	29.42 1.93 -0.22	29.12 1.94 -1.33	28.90 1.91 -1.16	28.45 1.72 0.00	31.21 1.66 0.00	31.01 1.61 0.18	31.12 1.59 0.00	33.54 1.67 -1.02	32.82 1.71 0.00	31.93 1.70 -0.03	33.29 1.56 -0.04	34.25 1.61 -0.54	31.48 1.44 -0.80	27.75 1.37 -0.31
PJM_GEN_VFT_PROXY 323633	33.77 1.91 -0.37	21.40 1.10 -0.18	22.09 1.02 -0.05	20.19 0.95 0.00	20.58 0.94 0.00	20.22 0.94 0.00	19.71 1.02 0.00	21.79 1.20 -0.08	24.26 1.42 0.00	29.71 1.75 -0.16	29.24 1.75 -0.22	27.61 1.68 -0.07	27.62 1.68 -0.12	28.46 1.73 0.00	31.29 1.74 0.00	31.12 1.71 0.18	31.26 1.73 0.00	33.62 1.75 -1.02	32.84 1.73 0.00	31.87 1.64 -0.03	33.33 1.61 -0.04	34.25 1.61 -0.54	31.49 1.45 -0.80	27.58 1.21 -0.31
PLATSBURG_115KV_PMLD1 355749	32.44 0.94 0.00	20.57 0.45 0.00	21.52 0.50 0.00	19.42 0.18 0.00	19.73 0.09 0.00	19.16 -0.13 0.00	18.65 -0.04 0.00	20.68 0.17 0.00	23.38 0.54 0.00	28.71 0.91 0.00	28.23 0.96 0.00	26.80 0.94 0.00	26.71 0.89 0.00	27.78 1.05 0.00	30.88 1.33 0.00	30.95 1.36 0.00	30.79 1.26 0.00	32.14 1.28 0.00	32.46 1.36 0.00	31.60 1.40 0.00	33.04 1.35 0.00	33.42 1.31 0.00	30.35 1.11 0.00	26.92 0.86 0.00

PLEASANTVLY___LBMP 24000	33.38 1.46 -0.42	21.14 0.82 -0.21	21.84 0.77 -0.06	19.98 0.74 0.00	20.38 0.74 0.00	20.02 0.74 0.00	19.48 0.79 0.00	21.44 0.93 0.00	23.91 1.07 0.00	29.29 1.31 -0.18	28.84 1.32 -0.25	27.22 1.28 -0.08	27.24 1.29 -0.13	28.07 1.34 0.00	30.94 1.39 0.00	30.94 1.35 0.00	30.88 1.35 0.00	32.29 1.39 -0.05	32.48 1.38 0.00	31.56 1.33 -0.03	33.04 1.31 -0.04	34.02 1.30 -0.61	31.29 1.13 -0.92	27.35 0.93 -0.36
PLSNTVLE_13_KV_13.8KVDIST 80602	33.72 1.85 -0.37	21.35 1.05 -0.18	22.06 0.99 -0.05	20.17 0.93 0.00	20.56 0.92 0.00	20.19 0.91 0.00	19.67 0.97 0.00	21.65 1.14 0.00	24.17 1.33 0.00	29.62 1.66 -0.16	29.16 1.66 -0.22	27.54 1.61 -0.07	27.55 1.61 -0.12	28.39 1.66 0.00	31.26 1.70 0.00	31.27 1.68 0.00	31.22 1.70 0.00	32.65 1.76 -0.05	32.85 1.75 0.00	31.91 1.68 -0.03	33.39 1.67 -0.04	34.30 1.66 -0.54	31.50 1.45 -0.81	27.59 1.21 -0.31
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.72 1.85 -0.37	21.35 1.05 -0.18	22.06 0.99 -0.05	20.17 0.93 0.00	20.56 0.92 0.00	20.19 0.91 0.00	19.67 0.97 0.00	21.65 1.14 0.00	24.17 1.33 0.00	29.62 1.66 -0.16	29.16 1.66 -0.22	27.54 1.61 -0.07	27.55 1.61 -0.12	28.39 1.66 0.00	31.26 1.70 0.00	31.27 1.68 0.00	31.22 1.70 0.00	32.65 1.76 -0.05	32.85 1.75 0.00	31.91 1.68 -0.03	33.39 1.67 -0.04	34.30 1.66 -0.54	31.50 1.45 -0.81	27.59 1.21 -0.31
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.13 1.75 0.11	21.05 0.99 0.05	21.93 0.93 0.02	20.13 0.89 0.00	20.53 0.89 0.00	20.17 0.89 0.00	19.63 0.94 0.00	21.62 1.11 0.00	24.12 1.28 0.00	29.32 1.57 0.05	28.78 1.58 0.07	27.39 1.55 0.02	27.34 1.56 0.04	28.36 1.62 0.00	31.25 1.70 0.00	31.25 1.66 0.00	31.22 1.69 0.00	32.61 1.77 0.01	32.90 1.79 0.00	31.91 1.72 0.01	33.39 1.72 0.01	33.62 1.68 0.16	30.45 1.45 0.24	27.16 1.19 0.09
POLETTI____ 23519	33.90 2.04 -0.37	21.48 1.18 -0.18	22.19 1.12 -0.05	20.28 1.04 0.00	20.66 1.02 0.00	20.28 1.00 0.00	19.76 1.07 0.00	21.78 1.26 0.00	24.33 1.49 0.00	29.79 1.83 -0.16	29.33 1.83 -0.22	27.69 1.76 -0.07	27.70 1.77 -0.12	28.53 1.80 0.00	31.37 1.82 0.00	31.40 1.81 0.00	31.37 1.85 0.00	32.75 1.85 -0.05	32.93 1.82 0.00	31.98 1.76 -0.03	33.45 1.73 -0.04	34.39 1.74 -0.54	31.61 1.57 -0.80	27.69 1.31 -0.31
POMONA___ESR 323819	33.50 1.67 -0.33	21.22 0.94 -0.16	21.93 0.86 -0.05	20.06 0.82 0.00	20.45 0.82 0.00	20.10 0.82 0.00	19.58 0.88 0.00	21.57 1.06 0.00	24.09 1.25 0.00	29.50 1.55 -0.14	29.02 1.55 -0.20	27.43 1.51 -0.07	27.44 1.52 -0.11	28.29 1.56 0.00	31.17 1.62 0.00	31.17 1.57 0.00	31.13 1.60 0.00	32.58 1.69 -0.04	32.80 1.69 0.00	31.84 1.61 -0.03	33.32 1.60 -0.03	34.18 1.58 -0.49	31.36 1.38 -0.73	27.49 1.15 -0.28
PORT_JEFF_3 23555	34.46 2.60 -0.37	21.94 1.64 -0.18	22.66 1.59 -0.05	20.66 1.43 0.00	21.06 1.42 0.00	20.62 1.34 0.00	20.10 1.41 0.00	22.09 1.57 0.00	24.74 1.90 0.00	30.38 2.43 -0.16	49.96 2.50 -0.20	63.05 2.48 -0.34	143.26 2.43 -0.11	35.53 2.20 -0.60	35.82 2.17 -0.40	31.58 1.99 0.00	31.42 1.89 0.00	32.86 1.97 -0.05	33.12 2.02 0.00	32.25 2.03 -0.03	33.56 1.84 -0.04	34.58 1.94 -0.54	31.87 1.82 -0.80	28.16 1.78 -0.31
PORT_JEFF_4 23616	34.46 2.60 -0.37	21.94 1.64 -0.18	22.66 1.59 -0.05	20.66 1.43 0.00	21.06 1.42 0.00	20.62 1.34 0.00	20.10 1.41 0.00	22.09 1.57 0.00	24.74 1.90 0.00	30.38 2.43 -0.16	49.96 2.50 -0.20	63.05 2.48 -0.34	143.26 2.43 -0.11	35.53 2.20 -0.60	35.82 2.17 -0.40	31.58 1.99 0.00	31.42 1.89 0.00	32.86 1.97 -0.05	33.12 2.02 0.00	32.25 2.03 -0.03	33.56 1.84 -0.04	34.58 1.94 -0.54	31.87 1.82 -0.80	28.16 1.78 -0.31
PORT_JEFF_IC 23713	34.57 2.71 -0.37	22.01 1.71 -0.18	22.73 1.66 -0.05	20.73 1.49 0.00	21.12 1.49 0.00	20.67 1.40 0.00	20.16 1.46 0.00	22.15 1.64 0.00	24.82 1.98 0.00	30.49 2.53 -0.16	50.13 2.56 -0.20	68.32 2.55 -0.39	150.40 2.53 -0.12	36.58 2.23 -0.76	36.46 2.18 -0.47	31.58 1.99 0.00	31.45 1.93 0.00	32.91 2.02 -0.05	33.18 2.07 0.00	32.30 2.07 -0.03	33.59 1.87 -0.04	34.67 2.03 -0.54	31.98 1.94 -0.80	28.25 1.88 -0.31
PPL PILGRIM_ST_GT1 24216	34.64 2.77 -0.37	22.03 1.73 -0.18	22.71 1.64 -0.05	20.72 1.48 0.00	21.12 1.49 0.00	20.70 1.42 0.00	20.17 1.47 0.00	22.16 1.64 0.00	24.83 1.99 0.00	30.48 2.52 -0.16	34.71 2.60 -0.48	36.58 2.59 -0.84	62.22 2.62 -0.33	30.33 2.25 -0.13	32.47 2.08 -0.84	31.48 1.89 0.00	31.41 1.89 0.00	32.88 1.99 -0.05	33.18 2.08 0.00	32.42 2.19 -0.03	33.82 2.09 -0.04	34.78 2.14 -0.54	32.06 2.01 -0.80	28.29 1.92 -0.31
PPL PILGRIM_ST_GT2 24217	34.64 2.77 -0.37	22.03 1.73 -0.18	22.71 1.64 -0.05	20.72 1.48 0.00	21.12 1.49 0.00	20.70 1.42 0.00	20.17 1.47 0.00	22.16 1.64 0.00	24.83 1.99 0.00	30.48 2.52 -0.16	34.71 2.60 -0.48	36.58 2.59 -0.84	62.22 2.62 -0.33	30.33 2.25 -0.13	32.47 2.08 -0.84	31.48 1.89 0.00	31.41 1.89 0.00	32.88 1.99 -0.05	33.18 2.08 0.00	32.42 2.19 -0.03	33.82 2.09 -0.04	34.78 2.14 -0.54	32.06 2.01 -0.80	28.29 1.92 -0.31
PPL_SHRM_GT3 24213	34.93 3.07 -0.37	22.22 1.92 -0.18	22.97 1.91 -0.05	20.95 1.71 0.00	21.35 1.71 0.00	20.87 1.59 0.00	20.35 1.66 0.00	22.36 1.85 0.00	25.06 2.22 0.00	30.79 2.83 -0.16	50.15 2.97 -0.19	64.22 2.95 -0.35	143.83 3.01 -0.11	36.26 2.80 -0.67	36.55 2.81 -0.49	32.13 2.54 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.87 2.76 0.00	32.97 2.75 -0.03	34.27 2.55 -0.04	35.20 2.55 -0.54	32.33 2.28 -0.80	28.51 2.14 -0.31
PPL_SHRM_GT4 24214	34.93 3.07 -0.37	22.22 1.92 -0.18	22.97 1.91 -0.05	20.95 1.71 0.00	21.35 1.71 0.00	20.87 1.59 0.00	20.35 1.66 0.00	22.36 1.85 0.00	25.06 2.22 0.00	30.79 2.83 -0.16	50.15 2.97 -0.19	64.22 2.95 -0.35	143.83 3.01 -0.11	36.26 2.80 -0.67	36.55 2.81 -0.49	32.13 2.54 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.87 2.76 0.00	32.97 2.75 -0.03	34.27 2.55 -0.04	35.20 2.55 -0.54	32.33 2.28 -0.80	28.51 2.14 -0.31
PROJECT___ORANGE 1 24174	31.44 -0.06 0.00	20.15 0.03 0.00	21.05 0.03 0.00	19.29 0.05 0.00	19.69 0.05 0.00	19.35 0.07 0.00	18.75 0.06 0.00	20.53 0.02 0.00	22.90 0.00 -0.06	28.75 -0.02 -0.96	27.20 -0.09 -0.02	25.77 -0.09 0.00	26.46 -0.09 -0.73	27.47 -0.09 -0.82	30.35 -0.18 -0.98	30.51 -0.19 -1.11	30.50 -0.13 -1.10	32.01 -0.08 -1.25	32.26 -0.12 -1.27	31.25 -0.13 -1.19	32.93 -0.10 -1.35	33.40 -0.09 -1.38	30.29 -0.04 -1.09	26.56 0.10 -0.40
PROJECT___ORANGE 2 24166	31.44 -0.06 0.00	20.15 0.03 0.00	21.05 0.03 0.00	19.29 0.05 0.00	19.69 0.05 0.00	19.35 0.07 0.00	18.75 0.06 0.00	20.53 0.02 0.00	22.90 0.00 -0.06	28.75 -0.02 -0.96	27.20 -0.09 -0.02	25.77 -0.09 0.00	26.46 -0.09 -0.73	27.47 -0.09 -0.82	30.35 -0.18 -0.98	30.51 -0.19 -1.11	30.50 -0.13 -1.10	32.01 -0.08 -1.25	32.26 -0.12 -1.27	31.25 -0.13 -1.19	32.93 -0.10 -1.35	33.40 -0.09 -1.38	30.29 -0.04 -1.09	26.56 0.10 -0.40

PUCKETT___SOLAR 323809	32.39 0.89 0.00	20.68 0.56 0.00	21.61 0.59 0.00	19.78 0.54 0.00	20.19 0.55 0.00	19.84 0.56 0.00	19.25 0.56 0.00	21.17 0.66 0.00	23.64 0.76 -0.04	29.37 0.89 -0.68	28.00 0.72 -0.01	26.54 0.68 0.00	27.07 0.74 -0.52	28.07 0.76 -0.58	30.94 0.69 -0.70	31.05 0.68 -0.78	31.18 0.87 -0.78	32.79 1.05 -0.88	33.05 1.05 -0.90	32.03 1.00 -0.83	33.71 1.08 -0.95	34.19 1.11 -0.98	31.00 0.99 -0.77	27.27 0.93 -0.28
PYRITES___HYD 24023	31.74 0.24 0.00	20.27 0.15 0.00	21.09 0.07 0.00	19.18 -0.06 0.00	19.61 -0.02 0.00	19.30 0.02 0.00	18.75 0.06 0.00	20.65 0.13 0.00	23.05 0.19 -0.02	28.42 0.32 -0.29	27.71 0.43 0.00	26.27 0.41 0.00	26.40 0.37 -0.21	27.34 0.36 -0.24	30.21 0.36 -0.29	30.24 0.32 -0.33	30.07 0.21 -0.33	31.39 0.17 -0.37	31.71 0.23 -0.37	30.81 0.27 -0.35	32.39 0.31 -0.40	32.84 0.33 -0.41	30.03 0.46 -0.32	26.56 0.38 -0.12
QUAKERRD_115KV_BK1 80622	31.82 0.32 0.00	20.41 0.29 0.00	21.46 0.44 0.00	19.68 0.44 0.00	20.10 0.46 0.00	19.73 0.45 0.00	19.13 0.44 0.00	20.94 0.43 0.00	23.31 0.47 0.00	28.26 0.46 0.00	27.51 0.24 0.00	25.99 0.13 0.00	26.00 0.19 0.00	26.92 0.19 0.00	29.56 0.01 0.00	29.65 0.06 0.00	29.72 0.19 0.00	31.08 0.23 0.00	31.28 0.17 0.00	30.31 0.12 0.00	31.97 0.28 0.00	32.53 0.42 0.00	29.84 0.60 0.00	26.91 0.85 0.00
QUENSBRY_115KV_TB8 356137	33.00 1.95 0.45	20.94 1.04 0.22	22.05 1.09 0.06	20.26 1.02 0.00	20.61 0.97 0.00	20.26 0.98 0.00	19.68 0.99 0.00	21.62 1.10 0.00	24.18 1.33 0.00	29.24 1.63 0.19	28.40 1.40 0.27	27.16 1.39 0.09	27.01 1.34 0.14	28.00 1.27 0.00	31.18 1.62 0.00	31.33 1.74 0.00	31.08 1.55 0.00	32.30 1.51 0.06	32.74 1.63 0.00	31.96 1.80 0.04	33.40 1.76 0.05	33.28 1.83 0.66	29.78 1.52 0.98	26.87 1.19 0.38
RAMAPO___LBMP 323565	33.34 1.51 -0.33	21.13 0.85 -0.16	21.84 0.78 -0.05	19.98 0.74 0.00	20.37 0.74 0.00	20.02 0.74 0.00	19.50 0.80 0.00	21.48 0.97 0.00	23.98 1.14 0.00	29.36 1.42 -0.14	28.88 1.41 -0.20	27.30 1.38 -0.06	27.31 1.39 -0.11	28.16 1.43 0.00	31.02 1.47 0.00	31.02 1.43 0.00	30.97 1.44 0.00	32.42 1.53 -0.04	32.63 1.53 0.00	31.69 1.46 -0.03	33.16 1.44 -0.03	34.01 1.42 -0.48	31.21 1.24 -0.72	27.37 1.03 -0.28
RANKINE____ 23646	31.75 0.25 0.00	20.39 0.27 0.00	21.57 0.55 0.00	19.78 0.54 0.00	20.22 0.59 0.00	19.83 0.55 0.00	19.25 0.55 0.00	21.06 0.55 0.00	23.44 0.60 0.00	28.27 0.47 0.00	27.30 0.03 0.00	25.66 -0.20 0.00	25.73 -0.09 0.00	26.67 -0.06 0.00	29.13 -0.43 0.00	29.29 -0.30 0.00	29.37 -0.16 0.00	30.76 -0.09 0.00	30.86 -0.24 0.00	29.83 -0.36 0.00	31.65 -0.04 0.00	32.40 0.29 0.00	29.97 0.73 0.00	27.31 1.24 0.00
RAVENSWOOD_GT2_1 24244	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.79 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.87 0.00	32.03 1.81 -0.03	33.51 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT2_2 24245	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.79 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.87 0.00	32.03 1.81 -0.03	33.51 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT2_3 24246	33.97 2.11 -0.37	21.51 1.21 -0.18	22.22 1.15 -0.05	20.31 1.07 0.00	20.69 1.06 0.00	20.32 1.04 0.00	19.79 1.10 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.37 1.88 -0.22	27.74 1.80 -0.07	27.75 1.81 -0.12	28.58 1.85 0.00	31.43 1.88 0.00	31.46 1.87 0.00	31.43 1.90 0.00	32.82 1.92 -0.05	33.00 1.90 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.46 1.81 -0.54	31.67 1.63 -0.80	27.74 1.36 -0.31
RAVENSWOOD_GT2_4 24247	33.97 2.11 -0.37	21.51 1.21 -0.18	22.22 1.15 -0.05	20.31 1.07 0.00	20.69 1.06 0.00	20.32 1.04 0.00	19.79 1.10 0.00	21.80 1.29 0.00	24.36 1.52 0.00	29.84 1.88 -0.16	29.37 1.88 -0.22	27.74 1.80 -0.07	27.75 1.81 -0.12	28.58 1.85 0.00	31.43 1.88 0.00	31.46 1.87 0.00	31.43 1.90 0.00	32.82 1.92 -0.05	33.00 1.90 0.00	32.06 1.83 -0.03	33.54 1.82 -0.04	34.46 1.81 -0.54	31.67 1.63 -0.80	27.74 1.36 -0.31
RAVENSWOOD_GT3_1 24248	33.96 2.09 -0.37	21.50 1.21 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.83 1.87 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.87 0.00	32.03 1.81 -0.03	33.51 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT3_2 24249	33.96 2.09 -0.37	21.50 1.21 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.83 1.87 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.87 0.00	32.03 1.81 -0.03	33.51 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT3_3 24250	34.02 2.16 -0.37	21.55 1.24 -0.18	22.25 1.18 -0.05	20.34 1.10 0.00	20.72 1.08 0.00	20.34 1.06 0.00	19.82 1.13 0.00	21.83 1.32 0.00	24.39 1.56 0.00	29.88 1.92 -0.16	29.42 1.93 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.62 1.89 0.00	31.47 1.92 0.00	31.51 1.91 0.00	31.47 1.94 0.00	32.87 1.97 -0.05	33.05 1.95 0.00	32.10 1.87 -0.03	33.59 1.87 -0.04	34.51 1.87 -0.54	31.72 1.67 -0.80	27.78 1.40 -0.31
RAVENSWOOD_GT3_4 24251	34.02 2.16 -0.37	21.55 1.24 -0.18	22.25 1.18 -0.05	20.34 1.10 0.00	20.72 1.08 0.00	20.34 1.06 0.00	19.82 1.13 0.00	21.83 1.32 0.00	24.39 1.56 0.00	29.88 1.92 -0.16	29.42 1.93 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.62 1.89 0.00	31.47 1.92 0.00	31.51 1.91 0.00	31.47 1.94 0.00	32.87 1.97 -0.05	33.05 1.95 0.00	32.10 1.87 -0.03	33.59 1.87 -0.04	34.51 1.87 -0.54	31.72 1.67 -0.80	27.78 1.40 -0.31
RAVENSWOOD_GT_1 23729	34.06 2.19 -0.37	21.56 1.26 -0.18	22.26 1.19 -0.05	20.36 1.12 0.00	20.74 1.10 0.00	20.36 1.08 0.00	19.84 1.14 0.00	21.85 1.33 0.00	24.41 1.57 0.00	29.91 1.95 -0.16	29.46 1.97 -0.22	27.82 1.89 -0.07	27.83 1.89 -0.12	28.65 1.92 0.00	31.50 1.95 0.00	31.53 1.94 0.00	31.48 1.95 0.00	32.87 1.97 -0.05	33.05 1.95 0.00	32.14 1.89 -0.06	33.64 1.89 -0.08	34.51 1.87 -0.54	31.72 1.68 -0.80	27.79 1.42 -0.31



RAVENSWOOD_GT_10 24258	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.88 0.00	32.04 1.81 -0.03	33.52 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_11 24259	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.80 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.36 1.86 -0.22	27.72 1.78 -0.07	27.73 1.80 -0.12	28.56 1.82 0.00	31.41 1.86 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.88 0.00	32.04 1.80 -0.03	33.52 1.79 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_4 24252	33.95 2.08 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.50 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.06 1.81 -0.05	33.55 1.80 -0.07	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_5 24254	33.95 2.08 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.50 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.06 1.81 -0.05	33.55 1.80 -0.07	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_6 24253	33.95 2.08 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.50 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.06 1.81 -0.05	33.55 1.80 -0.07	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_7 24255	33.95 2.08 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.50 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.71 1.78 -0.07	27.72 1.79 -0.12	28.56 1.82 0.00	31.40 1.85 0.00	31.43 1.84 0.00	31.41 1.88 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.06 1.81 -0.05	33.55 1.80 -0.07	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.88 0.00	32.04 1.81 -0.03	33.52 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD_GT_9 24257	33.96 2.09 -0.37	21.50 1.20 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.04 0.00	20.30 1.02 0.00	19.78 1.09 0.00	21.79 1.28 0.00	24.34 1.51 0.00	29.82 1.86 -0.16	29.35 1.86 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.56 1.83 0.00	31.41 1.85 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.89 -0.05	32.98 1.88 0.00	32.04 1.81 -0.03	33.52 1.80 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD___1 23533	34.01 2.14 -0.37	21.53 1.23 -0.18	22.23 1.16 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.05 0.00	19.81 1.11 0.00	21.82 1.30 0.00	24.37 1.53 0.00	29.87 1.91 -0.16	29.41 1.92 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.61 1.88 0.00	31.45 1.90 0.00	31.48 1.88 0.00	31.43 1.90 0.00	32.81 1.91 -0.05	32.99 1.89 0.00	32.03 1.83 0.00	33.51 1.82 0.00	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.38 -0.31
RAVENSWOOD___2 23534	34.01 2.14 -0.37	21.53 1.23 -0.18	22.23 1.16 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.05 0.00	19.81 1.11 0.00	21.82 1.30 0.00	24.37 1.53 0.00	29.87 1.91 -0.16	29.41 1.92 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.60 1.87 0.00	31.44 1.89 0.00	31.43 1.84 0.00	31.38 1.85 0.00	32.77 1.87 -0.05	32.95 1.85 0.00	32.01 1.79 -0.03	33.50 1.78 -0.04	34.41 1.77 -0.54	31.64 1.59 -0.80	27.71 1.34 -0.31
RAVENSWOOD___3 23535	33.96 2.09 -0.37	21.50 1.21 -0.18	22.21 1.14 -0.05	20.30 1.06 0.00	20.68 1.05 0.00	20.31 1.03 0.00	19.79 1.09 0.00	21.80 1.28 0.00	24.35 1.51 0.00	29.82 1.86 -0.16	29.36 1.87 -0.22	27.72 1.79 -0.07	27.73 1.80 -0.12	28.57 1.84 0.00	31.41 1.86 0.00	31.44 1.85 0.00	31.41 1.88 0.00	32.79 1.90 -0.05	32.98 1.88 0.00	32.03 1.81 -0.03	33.51 1.79 -0.04	34.43 1.79 -0.54	31.65 1.61 -0.80	27.72 1.35 -0.31
RAVENSWOOD___4 23820	34.01 2.14 -0.37	21.53 1.23 -0.18	22.23 1.16 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.05 0.00	19.81 1.11 0.00	21.82 1.30 0.00	24.37 1.53 0.00	29.87 1.91 -0.16	29.41 1.92 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.61 1.88 0.00	31.45 1.90 0.00	31.48 1.88 0.00	31.43 1.90 0.00	32.81 1.91 -0.05	32.99 1.89 0.00	32.03 1.83 0.00	33.51 1.82 0.00	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.38 -0.31
RCPL_TRUST___DRP 24196	33.89 2.03 -0.37	21.46 1.16 -0.18	22.16 1.09 -0.05	20.24 1.00 0.00	20.63 0.99 0.00	20.27 0.99 0.00	19.74 1.05 0.00	21.76 1.25 0.00	24.31 1.47 0.00	29.78 1.82 -0.16	29.32 1.82 -0.22	27.67 1.74 -0.07	27.69 1.75 -0.12	28.51 1.78 0.00	31.38 1.83 0.00	31.43 1.84 0.00	31.39 1.86 0.00	32.77 1.87 -0.05	32.96 1.85 0.00	32.00 1.77 -0.03	33.47 1.75 -0.04	34.40 1.76 -0.54	31.62 1.57 -0.80	27.70 1.33 -0.31
RED___ROCHESTER 323720	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.29 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.53 0.00	26.41 0.60 0.00	27.32 0.59 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.58 0.73 0.00	31.76 0.65 0.00	30.77 0.58 0.00	32.51 0.82 0.00	33.11 1.00 0.00	30.41 1.17 0.00	27.47 1.40 0.00
REGAN___SOLAR 323812	34.89 3.77 0.37	22.35 2.41 0.18	23.21 2.24 0.05	21.28 2.04 0.00	21.73 2.09 0.00	21.56 2.28 0.00	20.92 2.23 0.00	22.98 2.47 0.00	25.64 2.80 0.00	30.76 3.12 0.16	29.95 2.90 0.22	28.36 2.57 0.07	28.19 2.50 0.12	28.88 2.15 0.00	32.61 3.06 0.00	33.09 3.50 0.00	33.21 3.69 0.00	34.68 3.88 0.05	35.35 4.24 0.00	34.29 4.12 0.03	35.96 4.31 0.04	35.68 4.12 0.54	32.11 3.68 0.81	28.96 3.21 0.31

RENSSELAER___COGEN 23796	31.62 0.54 0.41	20.18 0.26 0.20	21.20 0.23 0.06	19.48 0.24 0.00	19.88 0.25 0.00	19.54 0.26 0.00	18.96 0.27 0.00	20.85 0.33 0.00	23.18 0.34 0.00	28.05 0.43 0.18	27.49 0.46 0.25	26.24 0.46 0.08	26.16 0.47 0.13	27.28 0.55 0.00	30.22 0.67 0.00	30.17 0.58 0.00	30.07 0.54 0.00	31.32 0.52 0.05	31.64 0.54 0.00	30.70 0.53 0.03	32.17 0.53 0.04	32.00 0.49 0.60	28.72 0.38 0.90	25.94 0.23 0.35
REPUBLIC_115KV_BARTNBRK 55605	34.43 3.39 0.46	21.61 1.72 0.22	22.61 1.65 0.06	20.89 1.66 0.00	21.22 1.59 0.00	20.91 1.63 0.00	20.38 1.69 0.00	22.43 1.92 0.00	25.13 2.29 0.00	30.43 2.83 0.20	29.67 2.67 0.27	28.37 2.60 0.09	28.17 2.50 0.15	29.44 2.71 0.00	32.99 3.44 0.00	33.17 3.58 0.00	32.94 3.41 0.00	34.18 3.39 0.06	34.66 3.56 0.00	33.74 3.57 0.04	35.12 3.48 0.05	34.82 3.38 0.66	31.13 2.88 0.99	28.11 2.43 0.39
REVERE_CPPR_DRP 24186	32.62 1.12 0.00	20.81 0.69 0.00	21.65 0.63 0.00	19.81 0.57 0.00	20.23 0.59 0.00	19.94 0.66 0.00	19.32 0.62 0.00	21.24 0.73 0.00	23.74 0.87 -0.03	29.45 1.12 -0.53	28.35 1.07 -0.01	26.85 0.99 0.00	27.19 1.00 -0.38	28.17 1.02 -0.42	31.14 1.08 -0.51	31.30 1.14 -0.57	31.30 1.20 -0.57	32.86 1.37 -0.64	33.15 1.40 -0.65	32.16 1.36 -0.61	33.79 1.42 -0.69	34.19 1.38 -0.71	31.00 1.20 -0.56	27.31 1.04 -0.21
REYNOLDS_115KV_TB3 80639	31.74 0.72 0.48	20.25 0.37 0.24	21.33 0.37 0.07	19.61 0.37 0.00	20.02 0.38 0.00	19.66 0.38 0.00	19.08 0.39 0.00	20.97 0.46 0.00	23.30 0.46 0.00	28.17 0.57 0.21	27.60 0.62 0.29	26.36 0.60 0.09	26.27 0.61 0.16	27.43 0.70 0.00	30.39 0.84 0.00	30.32 0.73 0.00	30.23 0.70 0.00	31.47 0.67 0.06	31.78 0.68 0.00	30.83 0.67 0.04	32.31 0.68 0.05	32.05 0.65 0.70	28.72 0.53 1.05	26.01 0.35 0.41
RIVERBAY____ 323610	34.24 2.38 -0.37	21.70 1.40 -0.18	22.33 1.27 -0.05	20.42 1.18 0.00	20.82 1.18 0.00	20.51 1.23 0.00	19.98 1.29 0.00	21.99 1.47 0.00	24.54 1.70 0.00	30.07 2.11 -0.16	29.61 2.12 -0.22	27.98 2.05 -0.07	27.94 2.01 -0.12	28.73 2.00 0.00	31.57 2.02 0.00	31.62 2.02 0.00	31.55 2.02 0.00	32.98 2.08 -0.05	33.20 2.09 0.00	32.26 2.03 -0.03	33.77 2.05 -0.04	34.69 2.05 -0.54	31.89 1.84 -0.80	27.96 1.58 -0.31
RIVERSDE_115KV_TB3 55908	31.71 0.67 0.45	20.24 0.34 0.22	21.29 0.33 0.06	19.56 0.33 0.00	19.97 0.33 0.00	19.62 0.34 0.00	19.05 0.35 0.00	20.93 0.42 0.00	23.26 0.42 0.00	28.14 0.53 0.19	27.57 0.57 0.27	26.34 0.56 0.09	26.25 0.58 0.14	27.39 0.67 0.00	30.34 0.79 0.00	30.29 0.70 0.00	30.19 0.66 0.00	31.44 0.64 0.06	31.76 0.65 0.00	30.81 0.65 0.04	32.29 0.65 0.05	32.07 0.62 0.65	28.75 0.49 0.98	26.00 0.32 0.38
ROARING___BROOK_WT_PWR 323790	31.33 -0.16 0.00	19.92 -0.20 0.00	20.97 -0.05 0.00	19.26 0.02 0.00	19.66 0.02 0.00	19.27 -0.01 0.00	18.65 -0.04 0.00	20.51 0.00 0.00	22.86 0.03 0.00	27.85 0.05 0.00	27.32 0.05 0.00	25.90 0.04 0.00	25.86 0.04 0.00	26.79 0.05 0.00	29.59 0.04 0.00	29.62 0.03 0.00	29.59 0.06 0.00	30.92 0.06 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.74 0.05 0.00	32.17 0.06 0.00	29.28 0.04 0.00	26.11 0.05 0.00
ROCHESRG_115KV_T4 355643	31.90 0.40 0.00	20.46 0.34 0.00	21.56 0.54 0.00	19.77 0.53 0.00	20.20 0.57 0.00	19.81 0.53 0.00	19.22 0.53 0.00	21.04 0.52 0.00	23.41 0.58 0.00	28.34 0.54 0.00	27.53 0.26 0.00	26.00 0.13 0.00	26.01 0.19 0.00	26.91 0.18 0.00	29.52 -0.03 0.00	29.61 0.02 0.00	29.70 0.17 0.00	31.07 0.22 0.00	31.25 0.15 0.00	30.28 0.08 0.00	31.98 0.30 0.00	32.58 0.48 0.00	29.96 0.72 0.00	27.09 1.03 0.00
ROCHESTER_9_IC 23652	32.11 0.61 0.00	20.58 0.46 0.00	21.70 0.68 0.00	19.90 0.66 0.00	20.33 0.70 0.00	19.94 0.65 0.00	19.34 0.65 0.00	21.17 0.66 0.00	23.57 0.73 0.00	28.53 0.73 0.00	27.73 0.46 0.00	26.19 0.33 0.00	26.21 0.40 0.00	27.12 0.39 0.00	29.74 0.19 0.00	29.84 0.25 0.00	29.94 0.41 0.00	31.32 0.47 0.00	31.51 0.40 0.00	30.53 0.33 0.00	32.25 0.57 0.00	32.85 0.74 0.00	30.19 0.95 0.00	27.29 1.22 0.00
ROCKVIEW_13_KV_LD 356306	33.89 2.03 -0.37	21.46 1.16 -0.18	22.16 1.09 -0.05	20.26 1.02 0.00	20.65 1.02 0.00	20.28 1.00 0.00	19.75 1.06 0.00	21.76 1.25 0.00	24.30 1.46 0.00	29.78 1.82 -0.16	29.32 1.82 -0.22	27.70 1.77 -0.07	27.70 1.77 -0.12	28.53 1.80 0.00	31.41 1.85 0.00	31.42 1.83 0.00	31.39 1.86 0.00	32.82 1.92 -0.05	33.01 1.91 0.00	32.06 1.83 -0.03	33.55 1.83 -0.04	34.46 1.82 -0.54	31.66 1.61 -0.80	27.73 1.36 -0.31
ROME____115KV_TB2 80656	32.62 1.12 0.00	20.81 0.69 0.00	21.65 0.63 0.00	19.81 0.57 0.00	20.23 0.59 0.00	19.94 0.66 0.00	19.32 0.62 0.00	21.24 0.73 0.00	23.74 0.87 -0.03	29.45 1.12 -0.53	28.35 1.07 -0.01	26.85 0.99 0.00	27.19 1.00 -0.38	28.17 1.02 -0.42	31.14 1.08 -0.51	31.30 1.14 -0.57	31.30 1.20 -0.57	32.86 1.37 -0.64	33.15 1.40 -0.65	32.16 1.36 -0.61	33.79 1.42 -0.69	34.19 1.38 -0.71	31.00 1.20 -0.56	27.31 1.04 -0.21
ROSETON___1 23587	33.28 1.45 -0.33	21.09 0.81 -0.16	21.83 0.76 -0.05	19.97 0.73 0.00	20.37 0.73 0.00	20.01 0.72 0.00	19.47 0.77 0.00	21.43 0.92 0.00	23.91 1.07 0.00	29.25 1.30 -0.14	28.79 1.32 -0.20	27.21 1.28 -0.06	27.21 1.29 -0.11	28.05 1.32 0.00	30.93 1.38 0.00	30.93 1.34 0.00	30.87 1.34 0.00	32.29 1.39 -0.04	32.50 1.39 0.00	31.56 1.34 -0.03	33.04 1.32 -0.03	33.90 1.30 -0.48	31.11 1.14 -0.73	27.28 0.94 -0.28
ROSETON___2 23588	33.28 1.45 -0.33	21.09 0.81 -0.16	21.83 0.76 -0.05	19.97 0.73 0.00	20.37 0.73 0.00	20.01 0.72 0.00	19.47 0.77 0.00	21.43 0.92 0.00	23.91 1.07 0.00	29.25 1.30 -0.14	28.79 1.32 -0.20	27.21 1.28 -0.06	27.21 1.29 -0.11	28.05 1.32 0.00	30.93 1.38 0.00	30.93 1.34 0.00	30.87 1.34 0.00	32.29 1.39 -0.04	32.50 1.39 0.00	31.56 1.34 -0.03	33.04 1.32 -0.03	33.90 1.30 -0.48	31.11 1.14 -0.73	27.28 0.94 -0.28
ROTTTRDAM_115KV_TB3 80664	32.34 1.22 0.37	20.63 0.70 0.18	21.65 0.68 0.05	19.88 0.64 0.00	20.29 0.66 0.00	19.96 0.68 0.00	19.36 0.67 0.00	21.28 0.77 0.00	23.70 0.86 0.00	28.70 1.06 0.16	28.06 1.02 0.22	26.77 0.99 0.07	26.68 0.99 0.12	27.77 1.04 0.00	30.73 1.18 0.00	30.75 1.16 0.00	30.66 1.13 0.00	31.98 1.17 0.05	32.30 1.19 0.00	31.36 1.19 0.03	32.85 1.21 0.04	32.76 1.20 0.54	29.46 1.03 0.81	26.58 0.84 0.31
RUSSELL___1 23602	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00

RUSSELL___2 23532	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00
RUSSELL___3 23549	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00
RUSSELL___4 23556	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00
RUSSELL___STATION 23914	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00
S SALMON___HYD 24043	31.55 0.05 0.00	20.20 0.08 0.00	21.10 0.08 0.00	19.32 0.08 0.00	19.71 0.07 0.00	19.38 0.10 0.00	18.76 0.07 0.00	20.58 0.07 0.00	23.07 0.09 -0.14	30.23 0.13 -2.30	27.39 0.08 -0.04	25.92 0.06 0.00	27.60 0.03 -1.75	28.73 0.03 -1.97	31.84 -0.07 -2.36	32.17 -0.07 -2.65	32.10 -0.08 -2.64	33.86 0.02 -2.99	34.18 0.03 -3.04	33.07 0.04 -2.84	34.97 0.05 -3.23	35.50 0.08 -3.31	31.99 0.14 -2.61	27.19 0.17 -0.96
S.PERRY___115KV_TB1 80734	33.01 1.51 0.00	21.14 1.02 0.00	22.26 1.24 0.00	20.41 1.17 0.00	20.84 1.21 0.00	20.45 1.17 0.00	19.88 1.19 0.00	21.80 1.29 0.00	24.29 1.45 0.00	29.33 1.53 0.00	28.34 1.08 0.00	26.70 0.84 0.00	26.68 0.86 0.00	27.53 0.79 0.00	30.34 0.79 0.00	30.57 0.98 0.00	30.68 1.15 0.00	32.17 1.32 0.00	32.48 1.38 0.00	31.55 1.36 0.00	33.40 1.72 0.00	34.00 1.90 0.00	31.17 1.93 0.00	28.12 2.06 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.53 0.03 0.00	20.25 0.13 0.00	21.45 0.43 0.00	19.68 0.44 0.00	20.12 0.48 0.00	19.73 0.45 0.00	19.14 0.45 0.00	20.92 0.41 0.00	23.26 0.43 0.00	28.04 0.24 0.00	27.07 -0.20 0.00	25.44 -0.42 0.00	25.49 -0.33 0.00	26.40 -0.34 0.00	28.81 -0.74 0.00	28.97 -0.62 0.00	29.06 -0.47 0.00	30.41 -0.44 0.00	30.51 -0.60 0.00	29.50 -0.69 0.00	31.31 -0.37 0.00	32.07 -0.03 0.00	29.73 0.49 0.00	27.14 1.08 0.00
SAWYER___23_KV_LOAD 55526	31.53 0.03 0.00	20.25 0.13 0.00	21.45 0.43 0.00	19.68 0.44 0.00	20.12 0.48 0.00	19.73 0.45 0.00	19.14 0.45 0.00	20.92 0.41 0.00	23.26 0.43 0.00	28.04 0.24 0.00	27.07 -0.20 0.00	25.44 -0.42 0.00	25.49 -0.33 0.00	26.40 -0.34 0.00	28.81 -0.74 0.00	28.97 -0.62 0.00	29.06 -0.47 0.00	30.41 -0.44 0.00	30.51 -0.60 0.00	29.50 -0.69 0.00	31.31 -0.37 0.00	32.07 -0.03 0.00	29.73 0.49 0.00	27.14 1.08 0.00
SELKIRK___I 23801	32.09 0.87 0.28	20.48 0.49 0.13	21.49 0.50 0.04	19.71 0.47 0.00	20.14 0.50 0.00	19.79 0.51 0.00	19.20 0.51 0.00	21.11 0.59 0.00	23.46 0.62 0.00	28.44 0.76 0.12	27.87 0.77 0.17	26.54 0.74 0.06	26.49 0.76 0.09	27.56 0.83 0.00	30.55 1.00 0.00	30.50 0.91 0.00	30.39 0.86 0.00	31.68 0.86 0.03	31.98 0.88 0.00	31.04 0.87 0.02	32.53 0.88 0.03	32.56 0.86 0.40	29.36 0.72 0.60	26.39 0.56 0.23
SELKIRK___II 23799	31.87 0.69 0.32	20.32 0.36 0.16	21.33 0.35 0.04	19.58 0.35 0.00	20.00 0.36 0.00	19.65 0.37 0.00	19.07 0.37 0.00	20.96 0.45 0.00	23.32 0.48 0.00	28.25 0.59 0.14	27.69 0.61 0.19	26.39 0.59 0.06	26.33 0.61 0.10	27.40 0.67 0.00	30.34 0.78 0.00	30.29 0.70 0.00	30.21 0.68 0.00	31.49 0.67 0.04	31.79 0.69 0.00	30.85 0.68 0.03	32.32 0.66 0.03	32.29 0.64 0.46	29.08 0.53 0.69	26.17 0.38 0.27
SENECA OSWGO___HYD 24041	31.20 -0.30 0.00	20.01 -0.11 0.00	20.90 -0.12 0.00	19.16 -0.08 0.00	19.54 -0.09 0.00	19.22 -0.06 0.00	18.61 -0.09 0.00	20.36 -0.15 0.00	22.80 -0.23 -0.19	30.72 -0.29 -3.21	26.95 -0.38 -0.06	25.49 -0.37 0.00	27.93 -0.35 -2.46	29.14 -0.36 -2.77	32.38 -0.48 -3.31	32.84 -0.47 -3.72	32.81 -0.42 -3.70	34.65 -0.39 -4.19	34.97 -0.41 -4.27	33.76 -0.41 -3.97	35.81 -0.40 -4.52	36.36 -0.39 -4.64	32.57 -0.32 -3.65	27.22 -0.19 -1.35
SENECA___115KV_TB3 355854	31.80 0.30 0.00	20.41 0.29 0.00	21.60 0.58 0.00	19.81 0.57 0.00	20.25 0.61 0.00	19.86 0.58 0.00	19.27 0.57 0.00	21.09 0.57 0.00	23.47 0.63 0.00	28.31 0.51 0.00	27.33 0.06 0.00	25.70 -0.16 0.00	25.77 -0.05 0.00	26.71 -0.02 0.00	29.18 -0.38 0.00	29.35 -0.24 0.00	29.43 -0.11 0.00	30.82 -0.04 0.00	30.92 -0.19 0.00	29.89 -0.31 0.00	31.70 0.02 0.00	32.46 0.35 0.00	30.02 0.78 0.00	27.36 1.29 0.00
SENECA___ENERGY 23797	31.80 0.30 0.00	20.37 0.25 0.00	21.37 0.35 0.00	19.59 0.34 0.00	20.01 0.37 0.00	19.60 0.32 0.00	19.05 0.35 0.00	20.88 0.37 0.00	23.34 0.43 -0.08	29.57 0.42 -1.35	27.57 0.28 -0.02	26.08 0.22 0.00	27.10 0.25 -1.03	28.16 0.27 -1.16	31.10 0.16 -1.39	31.38 0.23 -1.56	31.37 0.29 -1.55	32.96 0.35 -1.76	33.27 0.37 -1.79	32.23 0.36 -1.67	33.98 0.41 -1.89	34.53 0.48 -1.94	31.28 0.51 -1.53	27.24 0.62 -0.56
SHOEMAKER___GT 23640	33.07 1.28 -0.29	20.98 0.72 -0.14	21.77 0.71 -0.04	19.92 0.68 0.00	20.32 0.68 0.00	19.93 0.65 0.00	19.39 0.70 0.00	21.34 0.83 0.00	23.79 0.96 0.00	29.08 1.16 -0.13	28.59 1.15 -0.17	27.06 1.15 -0.06	27.07 1.16 -0.09	27.89 1.16 0.00	30.78 1.23 0.00	30.80 1.21 0.00	30.75 1.22 0.00	32.19 1.30 -0.04	32.42 1.31 0.00	31.48 1.26 -0.02	32.97 1.26 -0.03	33.77 1.25 -0.42	30.95 1.08 -0.63	27.19 0.89 -0.24
SHOEMAKR_138KV_BK 111 55601	33.06 1.27 -0.29	20.98 0.71 -0.14	21.75 0.69 -0.04	19.90 0.66 0.00	20.30 0.66 0.00	19.92 0.64 0.00	19.38 0.69 0.00	21.34 0.82 0.00	23.79 0.96 0.00	29.09 1.17 -0.12	28.60 1.16 -0.17	27.06 1.15 -0.06	27.06 1.16 -0.09	27.90 1.17 0.00	30.78 1.23 0.00	30.80 1.21 0.00	30.75 1.22 0.00	32.18 1.29 -0.04	32.41 1.30 0.00	31.47 1.25 -0.02	32.95 1.24 -0.03	33.75 1.23 -0.42	30.93 1.06 -0.62	27.17 0.87 -0.24

SHOREHAM_IC_1 23715	34.93 3.07 -0.37	22.22 1.92 -0.18	22.97 1.91 -0.05	20.95 1.71 0.00	21.35 1.71 0.00	20.87 1.59 0.00	20.35 1.66 0.00	22.36 1.85 0.00	25.06 2.22 0.00	30.79 2.83 -0.16	50.15 2.97 -19.91	64.22 2.95 -35.41	143.83 3.01 -115.00	36.26 2.80 -6.74	36.55 2.81 -4.19	32.13 2.54 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.87 2.76 0.00	32.97 2.75 -0.03	34.27 2.55 -0.04	35.20 2.55 -0.54	32.33 2.28 -0.80	28.51 2.14 -0.31
SHOREHAM_IC_2 23716	34.93 3.07 -0.37	22.22 1.92 -0.18	22.97 1.91 -0.05	20.95 1.71 0.00	21.35 1.71 0.00	20.87 1.59 0.00	20.35 1.66 0.00	22.36 1.85 0.00	25.06 2.22 0.00	30.79 2.83 -0.16	50.15 2.97 -19.91	64.22 2.95 -35.41	143.83 3.01 -115.00	36.26 2.80 -6.74	36.55 2.81 -4.19	32.13 2.54 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.87 2.76 0.00	32.97 2.75 -0.03	34.27 2.55 -0.04	35.20 2.55 -0.54	32.33 2.28 -0.80	28.51 2.14 -0.31
SISSONVILLE____ 23735	31.28 -0.22 0.00	19.97 -0.15 0.00	20.83 -0.20 0.00	18.95 -0.29 0.00	19.38 -0.26 0.00	19.02 -0.25 0.00	18.49 -0.20 0.00	20.35 -0.16 0.00	22.70 -0.15 -0.02	28.03 -0.09 -0.32	27.31 0.04 -0.01	25.90 0.05 0.00	26.07 0.02 -0.23	26.98 -0.01 -0.27	29.78 -0.09 -0.32	29.75 -0.19 -0.35	29.51 -0.37 -0.35	30.77 -0.48 -0.40	31.08 -0.43 -0.41	30.21 -0.37 -0.38	31.76 -0.36 -0.43	32.27 -0.28 -0.44	29.61 0.02 -0.35	26.23 0.04 -0.13
SITHE_IND_GS1 24169	30.73 -0.76 0.00	19.72 -0.40 0.00	20.62 -0.40 0.00	18.89 -0.34 0.00	19.28 -0.35 0.00	18.95 -0.33 0.00	18.34 -0.36 0.00	20.06 -0.45 0.00	21.74 -0.55 0.55	17.84 -0.69 9.27	26.37 -0.73 0.16	25.16 -0.70 0.00	18.01 -0.69 7.12	18.01 -0.72 8.00	19.14 -0.84 9.57	18.01 -0.83 10.75	18.01 -0.80 10.72	17.93 -0.81 12.11	17.93 -0.82 12.35	17.90 -0.80 11.49	17.79 -0.82 13.08	17.87 -0.82 13.42	17.96 -0.72 10.56	21.63 -0.55 3.89
SITHE_IND_GS2 24170	30.73 -0.76 0.00	19.72 -0.40 0.00	20.62 -0.40 0.00	18.89 -0.34 0.00	19.28 -0.35 0.00	18.95 -0.33 0.00	18.34 -0.36 0.00	20.06 -0.45 0.00	21.74 -0.55 0.55	17.84 -0.69 9.27	26.37 -0.73 0.16	25.16 -0.70 0.00	18.01 -0.69 7.12	18.01 -0.72 8.00	19.14 -0.84 9.57	18.01 -0.83 10.75	18.01 -0.80 10.72	17.93 -0.81 12.11	17.93 -0.82 12.35	17.90 -0.80 11.49	17.79 -0.82 13.08	17.87 -0.82 13.42	17.96 -0.72 10.56	21.63 -0.55 3.89
SITHE_IND_GS3 24171	30.73 -0.76 0.00	19.72 -0.40 0.00	20.62 -0.40 0.00	18.89 -0.34 0.00	19.28 -0.35 0.00	18.95 -0.33 0.00	18.34 -0.36 0.00	20.06 -0.45 0.00	21.74 -0.55 0.55	17.84 -0.69 9.27	26.37 -0.73 0.16	25.16 -0.70 0.00	18.01 -0.69 7.12	18.01 -0.72 8.00	19.14 -0.84 9.57	18.01 -0.83 10.75	18.01 -0.80 10.72	17.93 -0.81 12.11	17.93 -0.82 12.35	17.90 -0.80 11.49	17.79 -0.82 13.08	17.87 -0.82 13.42	17.96 -0.72 10.56	21.63 -0.55 3.89
SITHE_IND_GS4 24172	30.73 -0.76 0.00	19.72 -0.40 0.00	20.62 -0.40 0.00	18.89 -0.34 0.00	19.28 -0.35 0.00	18.95 -0.33 0.00	18.34 -0.36 0.00	20.06 -0.45 0.00	21.74 -0.55 0.55	17.84 -0.69 9.27	26.37 -0.73 0.16	25.16 -0.70 0.00	18.01 -0.69 7.12	18.01 -0.72 8.00	19.14 -0.84 9.57	18.01 -0.83 10.75	18.01 -0.80 10.72	17.93 -0.81 12.11	17.93 -0.82 12.35	17.90 -0.80 11.49	17.79 -0.82 13.08	17.87 -0.82 13.42	17.96 -0.72 10.56	21.63 -0.55 3.89
SITHE____BATAVIA 24024	32.34 0.85 0.00	20.75 0.63 0.00	21.92 0.90 0.00	20.11 0.87 0.00	20.55 0.92 0.00	20.17 0.89 0.00	19.59 0.89 0.00	21.38 0.86 0.00	23.79 0.96 0.00	28.73 0.93 0.00	27.78 0.52 0.00	26.19 0.33 0.00	26.17 0.35 0.00	27.06 0.33 0.00	29.67 0.12 0.00	29.84 0.25 0.00	29.85 0.33 0.00	31.41 0.56 0.00	31.56 0.46 0.00	30.62 0.42 0.00	32.45 0.77 0.00	33.11 1.01 0.00	30.55 1.31 0.00	27.80 1.74 0.00
SITHE____INDEPEND 23800	30.73 -0.76 0.00	19.72 -0.40 0.00	20.62 -0.40 0.00	18.89 -0.34 0.00	19.28 -0.35 0.00	18.95 -0.33 0.00	18.34 -0.36 0.00	20.06 -0.45 0.00	21.74 -0.55 0.55	17.84 -0.69 9.27	26.37 -0.73 0.16	25.16 -0.70 0.00	18.01 -0.69 7.12	18.01 -0.72 8.00	19.14 -0.84 9.57	18.01 -0.83 10.75	18.01 -0.80 10.72	17.93 -0.81 12.11	17.93 -0.82 12.35	17.90 -0.80 11.49	17.79 -0.82 13.08	17.87 -0.82 13.42	17.96 -0.72 10.56	21.63 -0.54 3.89
SITHE____MASSENA 23902	31.34 -0.15 0.00	20.03 -0.09 0.00	20.90 -0.12 0.00	19.05 -0.19 0.00	19.44 -0.20 0.00	19.09 -0.19 0.00	18.52 -0.17 0.00	20.35 -0.17 0.00	22.69 -0.15 0.00	27.66 -0.14 0.00	27.22 -0.05 0.00	25.80 -0.06 0.00	25.73 -0.09 0.00	26.61 -0.12 0.00	29.51 -0.04 0.00	29.56 -0.03 0.00	29.42 -0.10 0.00	30.68 -0.17 0.00	30.97 -0.14 0.00	30.08 -0.11 0.00	31.59 -0.09 0.00	32.01 -0.09 0.00	29.23 -0.01 0.00	26.01 -0.05 0.00
SITHE____OGDNSBRG 24021	31.72 0.22 0.00	20.26 0.14 0.00	21.11 0.09 0.00	19.21 -0.03 0.00	19.63 0.00 0.00	19.29 0.01 0.00	18.74 0.04 0.00	20.62 0.10 0.00	23.00 0.16 0.00	28.06 0.26 0.00	27.63 0.36 0.00	26.19 0.33 0.00	26.12 0.30 0.00	27.01 0.28 0.00	29.88 0.33 0.00	29.91 0.32 0.00	29.77 0.24 0.00	31.05 0.20 0.00	31.38 0.27 0.00	30.50 0.31 0.00	32.02 0.34 0.00	32.44 0.34 0.00	29.66 0.42 0.00	26.39 0.33 0.00
SITHE____STERLING 23777	32.37 0.87 0.00	20.67 0.55 0.00	21.54 0.52 0.00	19.71 0.47 0.00	20.12 0.48 0.00	19.82 0.54 0.00	19.20 0.51 0.00	21.10 0.58 0.00	23.56 0.69 -0.03	29.24 0.88 -0.56	28.09 0.81 -0.01	26.62 0.76 0.00	27.00 0.78 -0.41	27.97 0.79 -0.45	30.93 0.83 -0.55	31.09 0.89 -0.61	31.08 0.94 -0.61	32.62 1.08 -0.69	32.90 1.09 -0.71	31.90 1.05 -0.66	33.53 1.10 -0.75	33.94 1.07 -0.77	30.78 0.94 -0.60	27.12 0.83 -0.22
SLEIGHT__34_KV_TB1 80719	32.53 1.03 0.00	20.77 0.65 0.00	21.78 0.76 0.00	19.96 0.72 0.00	20.39 0.75 0.00	19.99 0.71 0.00	19.44 0.75 0.00	21.32 0.81 0.00	23.84 0.94 -0.06	29.93 1.04 -1.09	28.21 0.92 -0.02	26.70 0.85 0.00	27.55 0.90 -0.83	28.61 0.95 -0.93	31.61 0.94 -1.12	31.82 0.98 -1.26	31.84 1.06 -1.25	33.41 1.15 -1.41	33.72 1.18 -1.44	32.68 1.14 -1.34	34.46 1.25 -1.53	34.94 1.27 -1.57	31.59 1.12 -1.23	27.71 1.19 -0.45
SOUTH CAIRO____GT 23612	33.15 1.85 0.20	21.09 1.07 0.10	22.10 1.10 0.03	20.24 1.01 0.00	20.65 1.01 0.00	20.30 1.02 0.00	19.69 1.00 0.00	21.68 1.16 0.00	24.14 1.30 0.00	29.36 1.65 0.09	28.81 1.65 0.12	27.30 1.49 0.04	27.35 1.60 0.06	28.38 1.64 0.00	31.64 2.09 0.00	31.54 1.95 0.00	31.35 1.82 0.00	32.75 1.92 0.03	33.21 2.11 0.00	32.35 2.17 0.02	33.87 2.21 0.02	33.95 2.14 0.29	30.58 1.77 0.43	27.26 1.36 0.17
SOUTH HAMPTN____IC 23720	35.52 3.65 -0.37	22.57 2.27 -0.18	23.38 2.31 -0.05	21.33 2.09 0.00	21.73 2.10 0.00	21.20 1.92 0.00	20.69 1.99 0.00	22.73 2.22 0.00	25.52 2.68 0.00	31.41 3.45 -0.16	50.84 3.61 -19.96	63.38 3.56 -33.96	142.76 3.63 -113.31	36.60 3.42 -6.45	37.11 3.54 -4.01	32.83 3.24 0.00	32.77 3.25 0.00	34.31 3.42 -0.05	34.52 3.41 0.00	33.59 3.36 -0.03	34.88 3.16 -0.04	35.77 3.13 -0.54	32.82 2.78 -0.80	28.96 2.58 -0.31

SOUTHDOW_115KV_TB1 355954	32.71 1.21 0.00	20.94 0.82 0.00	22.10 1.08 0.00	20.24 1.00 0.00	20.69 1.05 0.00	20.31 1.03 0.00	19.74 1.05 0.00	21.72 1.21 0.00	24.23 1.39 0.00	29.31 1.51 0.00	28.26 0.99 0.00	26.54 0.69 0.00	26.67 0.85 0.00	27.71 0.97 0.00	30.27 0.72 0.00	30.37 0.78 0.00	30.42 0.89 0.00	31.99 1.13 0.00	32.12 1.01 0.00	31.01 0.81 0.00	32.87 1.18 0.00	33.64 1.54 0.00	30.95 1.71 0.00	28.04 1.97 0.00
SOUTHOLD_69_KV_BK 2 55809	36.34 4.47 -0.37	23.07 2.77 -0.18	23.93 2.86 -0.05	21.84 2.60 0.00	22.23 2.60 0.00	21.68 2.40 0.00	21.16 2.46 0.00	23.24 2.72 0.00	26.14 3.30 0.00	32.24 4.28 -0.16	51.66 4.44 -19.95	64.18 4.34 -33.98	143.54 4.43 -113.30	37.43 4.25 -6.45	38.04 4.48 -4.01	33.72 4.12 0.00	33.67 4.14 0.00	35.27 4.37 -0.05	35.44 4.34 0.00	34.47 4.24 -0.03	35.75 4.02 -0.04	36.61 3.97 -0.54	33.54 3.49 -0.80	29.54 3.17 -0.31
SOUTHOLD___IC 23719	36.33 4.47 -0.37	23.07 2.77 -0.18	23.93 2.86 -0.05	21.84 2.60 0.00	22.24 2.60 0.00	21.68 2.40 0.00	21.16 2.46 0.00	23.24 2.72 0.00	26.14 3.30 0.00	32.24 4.28 -0.16	51.66 4.44 -19.95	64.17 4.33 -33.98	143.54 4.42 -113.30	37.44 4.26 -6.45	38.04 4.48 -4.01	33.72 4.13 0.00	33.67 4.14 0.00	35.27 4.37 -0.05	35.44 4.34 0.00	34.47 4.24 -0.03	35.74 4.02 -0.04	36.61 3.97 -0.54	33.52 3.48 -0.80	29.54 3.17 -0.31
SPIERFLS_115KV_TB 1 80737	32.75 1.70 0.45	20.80 0.89 0.22	21.91 0.95 0.06	20.13 0.89 0.00	20.48 0.84 0.00	20.14 0.86 0.00	19.56 0.87 0.00	21.48 0.97 0.00	24.02 1.18 0.00	29.05 1.44 0.19	28.19 1.19 0.27	26.96 1.19 0.09	26.82 1.15 0.14	27.75 1.02 0.00	30.87 1.32 0.00	31.01 1.42 0.00	30.76 1.24 0.00	31.99 1.19 0.06	32.43 1.32 0.00	31.67 1.51 0.04	33.12 1.49 0.05	33.02 1.57 0.65	29.56 1.30 0.98	26.68 0.99 0.38
ST LAWRENCE____ 23600	31.00 -0.50 0.00	19.81 -0.31 0.00	20.69 -0.33 0.00	18.86 -0.38 0.00	19.24 -0.39 0.00	18.87 -0.41 0.00	18.31 -0.38 0.00	20.11 -0.41 0.00	22.42 -0.42 0.00	27.32 -0.48 0.00	26.89 -0.38 0.00	25.48 -0.38 0.00	25.41 -0.40 0.00	26.28 -0.45 0.00	29.17 -0.38 0.00	29.25 -0.34 0.00	29.12 -0.40 0.00	30.37 -0.48 0.00	30.65 -0.45 0.00	29.78 -0.42 0.00	31.26 -0.42 0.00	31.67 -0.43 0.00	28.88 -0.36 0.00	25.69 -0.38 0.00
STATE_CA_115KV_115_LB 55624	31.82 0.75 0.42	20.30 0.39 0.21	21.33 0.37 0.06	19.60 0.36 0.00	20.00 0.36 0.00	19.66 0.38 0.00	19.08 0.39 0.00	20.98 0.47 0.00	23.33 0.49 0.00	28.23 0.62 0.18	27.66 0.65 0.25	26.42 0.65 0.08	26.35 0.67 0.13	27.48 0.75 0.00	30.43 0.88 0.00	30.39 0.80 0.00	30.30 0.77 0.00	31.57 0.77 0.05	31.89 0.79 0.00	30.93 0.77 0.04	32.40 0.76 0.04	32.22 0.73 0.62	28.89 0.58 0.92	26.10 0.40 0.36
STATE_ST_34_KV_LOAD 55959	32.08 0.58 0.00	20.46 0.34 0.00	21.61 0.58 0.00	19.81 0.57 0.00	20.24 0.61 0.00	19.68 0.40 0.00	19.14 0.45 0.00	20.97 0.46 0.00	23.46 0.53 -0.10	29.94 0.53 -1.62	27.74 0.45 -0.03	26.29 0.44 0.00	27.49 0.44 -1.24	28.60 0.48 -1.39	31.68 0.47 -1.66	31.97 0.51 -1.87	31.96 0.57 -1.86	33.50 0.54 -2.10	33.87 0.62 -2.15	32.84 0.64 -2.00	34.65 0.69 -2.27	35.14 0.70 -2.33	31.60 0.52 -1.84	27.40 0.66 -0.68
STATION 5_MISC_HYD 23604	32.11 0.61 0.00	20.59 0.47 0.00	21.70 0.68 0.00	19.90 0.66 0.00	20.33 0.70 0.00	19.93 0.65 0.00	19.34 0.64 0.00	21.17 0.66 0.00	23.57 0.73 0.00	28.54 0.74 0.00	27.73 0.46 0.00	26.18 0.33 0.00	26.22 0.40 0.00	27.12 0.39 0.00	29.74 0.19 0.00	29.84 0.25 0.00	29.94 0.41 0.00	31.32 0.47 0.00	31.51 0.41 0.00	30.53 0.33 0.00	32.25 0.57 0.00	32.85 0.74 0.00	30.19 0.95 0.00	27.28 1.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	32.29 0.79 0.00	20.68 0.56 0.00	21.73 0.71 0.00	19.91 0.67 0.00	20.34 0.70 0.00	19.97 0.69 0.00	19.38 0.69 0.00	21.24 0.73 0.00	23.69 0.83 -0.02	29.04 0.90 -0.33	27.96 0.69 -0.01	26.43 0.57 0.00	26.70 0.63 -0.25	27.67 0.65 -0.29	30.42 0.53 -0.34	30.58 0.60 -0.38	30.62 0.71 -0.38	32.10 0.81 -0.43	32.33 0.79 -0.44	31.34 0.73 -0.41	33.03 0.88 -0.47	33.57 0.98 -0.48	30.67 1.06 -0.38	27.40 1.19 -0.14
STA_56_34_KV_BUS2_REV_LBMP_B 345033	32.10 0.61 0.00	20.58 0.46 0.00	21.67 0.65 0.00	19.87 0.63 0.00	20.31 0.67 0.00	19.92 0.64 0.00	19.33 0.63 0.00	21.15 0.64 0.00	23.56 0.72 0.00	28.53 0.73 0.00	27.75 0.48 0.00	26.22 0.36 0.00	26.23 0.42 0.00	27.15 0.42 0.00	29.79 0.24 0.00	29.89 0.30 0.00	29.98 0.45 0.00	31.37 0.52 0.00	31.55 0.45 0.00	30.58 0.38 0.00	32.28 0.60 0.00	32.86 0.76 0.00	30.18 0.94 0.00	27.24 1.18 0.00
STA_56___34_KV_BUS2 355983	32.10 0.61 0.00	20.58 0.46 0.00	21.67 0.65 0.00	19.87 0.63 0.00	20.31 0.67 0.00	19.92 0.64 0.00	19.33 0.63 0.00	21.15 0.64 0.00	23.56 0.72 0.00	28.53 0.73 0.00	27.75 0.48 0.00	26.22 0.36 0.00	26.23 0.42 0.00	27.15 0.42 0.00	29.79 0.24 0.00	29.89 0.30 0.00	29.98 0.45 0.00	31.37 0.52 0.00	31.55 0.45 0.00	30.58 0.38 0.00	32.28 0.60 0.00	32.86 0.76 0.00	30.18 0.94 0.00	27.24 1.18 0.00
STA_67___115KV_BK2 355882	32.02 0.52 0.00	20.53 0.41 0.00	21.64 0.62 0.00	19.85 0.61 0.00	20.28 0.64 0.00	19.89 0.61 0.00	19.30 0.60 0.00	21.12 0.61 0.00	23.51 0.67 0.00	28.45 0.65 0.00	27.65 0.38 0.00	26.10 0.25 0.00	26.13 0.31 0.00	27.04 0.31 0.00	29.65 0.10 0.00	29.75 0.16 0.00	29.85 0.32 0.00	31.23 0.37 0.00	31.41 0.31 0.00	30.43 0.23 0.00	32.15 0.47 0.00	32.75 0.64 0.00	30.10 0.86 0.00	27.21 1.15 0.00
STA_7___115KV_9TRANS 80674	32.30 0.81 0.00	20.71 0.59 0.00	21.84 0.82 0.00	20.03 0.79 0.00	20.46 0.82 0.00	20.05 0.77 0.00	19.45 0.76 0.00	21.30 0.78 0.00	23.72 0.88 0.00	28.72 0.92 0.00	27.92 0.65 0.00	26.38 0.52 0.00	26.40 0.58 0.00	27.32 0.58 0.00	29.96 0.41 0.00	30.07 0.48 0.00	30.17 0.64 0.00	31.57 0.72 0.00	31.76 0.65 0.00	30.77 0.57 0.00	32.51 0.82 0.00	33.10 0.99 0.00	30.41 1.17 0.00	27.47 1.41 0.00
STA_82___115KV_TB1 80780	32.05 0.55 0.00	20.54 0.42 0.00	21.66 0.64 0.00	19.87 0.62 0.00	20.30 0.66 0.00	19.90 0.62 0.00	19.31 0.62 0.00	21.13 0.62 0.00	23.53 0.69 0.00	28.47 0.67 0.00	27.67 0.40 0.00	26.13 0.27 0.00	26.14 0.32 0.00	27.06 0.33 0.00	29.67 0.12 0.00	29.78 0.19 0.00	29.86 0.33 0.00	31.25 0.39 0.00	31.42 0.32 0.00	30.45 0.25 0.00	32.17 0.49 0.00	32.77 0.66 0.00	30.12 0.88 0.00	27.23 1.16 0.00
STEEL___WIND 323596	31.78 0.29 0.00	20.41 0.29 0.00	21.59 0.56 0.00	19.80 0.56 0.00	20.23 0.59 0.00	19.85 0.56 0.00	19.25 0.56 0.00	21.09 0.57 0.00	23.46 0.62 0.00	28.30 0.50 0.00	27.31 0.04 0.00	25.69 -0.17 0.00	25.75 -0.06 0.00	26.68 -0.05 0.00	29.15 -0.40 0.00	29.31 -0.28 0.00	29.39 -0.13 0.00	30.79 -0.06 0.00	30.89 -0.21 0.00	29.87 -0.33 0.00	31.68 0.00 0.00	32.43 0.33 0.00	30.00 0.76 0.00	27.33 1.26 0.00

STEPHTWN_115KV_BK_2 55603	31.98 0.90 0.41	20.39 0.47 0.20	21.37 0.41 0.06	19.63 0.39 0.00	20.05 0.41 0.00	19.72 0.44 0.00	19.17 0.48 0.00	21.11 0.60 0.00	23.49 0.65 0.00	28.41 0.79 0.18	27.81 0.78 0.25	26.54 0.76 0.08	26.34 0.65 0.13	27.48 0.75 0.00	30.47 0.92 0.00	30.39 0.80 0.00	30.37 0.84 0.00	31.79 0.99 0.05	32.14 1.03 0.00	31.15 0.99 0.03	32.67 1.03 0.04	32.45 0.94 0.60	29.07 0.72 0.90	26.23 0.51 0.35
STEBEN_REC_LFGE 323667	32.49 0.99 0.00	20.83 0.71 0.00	21.89 0.87 0.00	20.05 0.81 0.00	20.48 0.84 0.00	20.12 0.84 0.00	19.55 0.86 0.00	21.48 0.96 0.00	23.98 1.11 -0.03	29.48 1.20 -0.48	28.10 0.82 -0.01	26.47 0.61 0.00	26.88 0.70 -0.36	27.89 0.75 -0.41	30.62 0.58 -0.49	30.85 0.71 -0.55	30.88 0.80 -0.55	32.48 1.01 -0.62	32.62 0.88 -0.63	31.54 0.75 -0.59	33.31 0.95 -0.67	34.03 1.24 -0.69	31.12 1.34 -0.54	27.79 1.53 -0.20
STONY__BROOK 24151	34.64 2.77 -0.37	22.04 1.74 -0.18	22.79 1.72 -0.05	20.80 1.56 0.00	21.20 1.56 0.00	20.70 1.42 0.00	20.18 1.49 0.00	22.18 1.66 0.00	24.86 2.02 0.00	30.55 2.58 -0.16	50.93 2.67 -20.99	73.40 2.68 -44.86	159.15 2.67 -130.66	37.71 2.38 -8.60	37.20 2.30 -5.35	31.73 2.14 0.00	31.63 2.10 0.00	33.09 2.19 -0.05	33.36 2.26 0.00	32.47 2.24 -0.03	33.77 2.05 -0.04	34.79 2.15 -0.54	32.04 2.00 -0.80	28.29 1.91 -0.31
STURGEON_POOL_HYD 23609	33.23 1.60 -0.13	21.09 0.91 -0.07	21.83 0.79 -0.02	19.99 0.75 0.00	20.40 0.76 0.00	20.06 0.78 0.00	19.53 0.84 0.00	21.52 1.00 0.00	24.03 1.19 0.00	29.34 1.49 -0.06	28.86 1.51 -0.08	27.34 1.45 -0.03	27.34 1.48 -0.04	28.21 1.48 0.00	31.03 1.48 0.00	31.05 1.46 0.00	31.04 1.52 0.00	32.45 1.58 -0.02	32.68 1.58 0.00	31.72 1.51 -0.01	33.20 1.50 -0.01	33.81 1.51 -0.19	30.87 1.34 -0.29	27.26 1.09 -0.11
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	33.24 1.44 -0.31	21.07 0.80 -0.15	21.79 0.73 -0.04	19.93 0.69 0.00	20.32 0.69 0.00	20.00 0.72 0.00	19.46 0.76 0.00	21.43 0.92 0.00	23.91 1.07 0.00	29.27 1.34 -0.13	28.79 1.34 -0.18	27.24 1.32 -0.06	27.24 1.33 -0.10	28.09 1.36 0.00	30.96 1.40 0.00	30.97 1.38 0.00	30.93 1.40 0.00	32.37 1.48 -0.04	32.59 1.48 0.00	31.64 1.42 -0.03	33.12 1.41 -0.03	33.94 1.39 -0.44	31.11 1.20 -0.66	27.31 0.98 -0.26
SWANROAD_115KV_TB1 355699	31.05 -0.45 0.00	19.97 -0.15 0.00	21.16 0.13 0.00	19.42 0.18 0.00	19.86 0.23 0.00	19.48 0.20 0.00	18.90 0.21 0.00	20.54 0.03 0.00	22.80 -0.04 0.00	27.44 -0.36 0.00	26.52 -0.75 0.00	24.92 -0.93 0.00	24.95 -0.87 0.00	25.80 -0.92 0.00	28.16 -1.39 0.00	28.32 -1.27 0.00	28.38 -1.15 0.00	29.71 -1.14 0.00	29.81 -1.29 0.00	28.86 -1.34 0.00	30.64 -1.04 0.00	31.40 -0.71 0.00	29.18 -0.06 0.00	26.82 0.76 0.00
SYNERGY__BIOGAS 323694	32.34 0.85 0.00	20.75 0.63 0.00	21.92 0.90 0.00	20.11 0.87 0.00	20.55 0.92 0.00	20.17 0.89 0.00	19.59 0.89 0.00	21.38 0.86 0.00	23.79 0.96 0.00	28.73 0.93 0.00	27.78 0.52 0.00	26.19 0.33 0.00	26.17 0.35 0.00	27.06 0.33 0.00	29.67 0.12 0.00	29.84 0.25 0.00	29.85 0.33 0.00	31.41 0.56 0.00	31.56 0.46 0.00	30.62 0.42 0.00	32.45 0.77 0.00	33.11 1.01 0.00	30.55 1.31 0.00	27.80 1.74 0.00
SYRACUSE__ENERGY_ST1 323597	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
SYRACUSE__ENERGY_ST2 323598	31.59 0.09 0.00	20.23 0.11 0.00	21.13 0.11 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.83 0.13 0.00	20.63 0.11 0.00	23.06 0.12 -0.10	29.68 0.11 -1.77	27.35 0.05 -0.03	25.90 0.04 0.00	27.22 0.06 -1.35	28.32 0.07 -1.52	31.37 0.00 -1.81	31.65 0.02 -2.04	31.63 0.07 -2.03	33.27 0.12 -2.30	33.55 0.10 -2.34	32.48 0.10 -2.18	34.28 0.11 -2.48	34.78 0.12 -2.55	31.36 0.12 -2.00	26.99 0.19 -0.74
SYRACUSE__POWER 24017	31.58 0.09 0.00	20.23 0.11 0.00	21.14 0.12 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.82 0.12 0.00	20.62 0.10 0.00	23.02 0.11 -0.07	29.08 0.11 -1.17	27.33 0.04 -0.02	25.89 0.03 0.00	26.75 0.04 -0.89	27.78 0.05 -1.00	30.73 -0.02 -1.20	30.92 -0.02 -1.35	30.90 0.02 -1.34	32.47 0.10 -1.52	32.73 0.07 -1.55	31.70 0.06 -1.44	33.42 0.09 -1.64	33.88 0.09 -1.68	30.68 0.12 -1.32	26.76 0.21 -0.49
TALLMAN__138KV_BK151 55660	33.45 1.62 -0.33	21.19 0.91 -0.16	21.90 0.84 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.07 0.79 0.00	19.55 0.85 0.00	21.55 1.03 0.00	24.06 1.22 0.00	29.46 1.52 -0.14	28.98 1.51 -0.20	27.40 1.47 -0.06	27.41 1.48 -0.11	28.26 1.53 0.00	31.13 1.58 0.00	31.13 1.54 0.00	31.09 1.56 0.00	32.55 1.65 -0.04	32.76 1.65 0.00	31.80 1.58 -0.03	33.27 1.55 -0.03	34.13 1.54 -0.48	31.30 1.34 -0.72	27.45 1.11 -0.28
TEALLAVE_115KV_TB7 355573	31.41 -0.09 0.00	20.13 0.01 0.00	21.03 0.01 0.00	19.28 0.04 0.00	19.67 0.03 0.00	19.34 0.06 0.00	18.73 0.04 0.00	20.52 0.00 0.00	22.88 -0.01 -0.06	28.73 -0.04 -0.96	27.18 -0.11 -0.02	25.75 -0.11 0.00	26.44 -0.11 -0.73	27.44 -0.11 -0.82	30.33 -0.21 -0.99	30.49 -0.21 -1.11	30.47 -0.16 -1.11	31.98 -0.11 -1.25	32.24 -0.13 -1.27	31.23 -0.15 -1.19	32.91 -0.12 -1.35	33.37 -0.11 -1.38	30.27 -0.06 -1.09	26.54 0.08 -0.40
TELGRAPH_34_KV_EAST 80808	31.75 0.26 0.00	20.39 0.27 0.00	21.58 0.55 0.00	19.80 0.56 0.00	20.24 0.61 0.00	19.87 0.58 0.00	19.28 0.58 0.00	21.01 0.49 0.00	23.36 0.52 0.00	28.16 0.36 0.00	27.23 -0.04 0.00	25.62 -0.24 0.00	25.64 -0.18 0.00	26.55 -0.18 0.00	28.99 -0.57 0.00	29.15 -0.44 0.00	29.24 -0.29 0.00	30.66 -0.19 0.00	30.78 -0.32 0.00	29.80 -0.40 0.00	31.62 -0.07 0.00	32.32 0.22 0.00	29.92 0.68 0.00	27.35 1.29 0.00
TEMPLE__115KV_TB 2 55572	31.44 -0.06 0.00	20.15 0.03 0.00	21.05 0.03 0.00	19.29 0.05 0.00	19.69 0.05 0.00	19.35 0.07 0.00	18.75 0.06 0.00	20.53 0.02 0.00	22.90 0.00 -0.06	28.75 -0.02 -0.96	27.20 -0.09 -0.02	25.77 -0.09 0.00	26.46 -0.09 -0.73	27.47 -0.09 -0.82	30.35 -0.18 -0.98	30.51 -0.19 -1.11	30.50 -0.13 -1.10	32.01 -0.08 -1.25	32.26 -0.12 -1.27	31.25 -0.13 -1.19	32.93 -0.10 -1.35	33.40 -0.09 -1.38	30.29 -0.04 -1.09	26.56 0.10 -0.40
TIANA____69_KV_BK 1 55817	35.35 3.49 -0.37	22.47 2.17 -0.18	23.26 2.19 -0.05	21.22 1.98 0.00	21.61 1.97 0.00	21.11 1.83 0.00	20.58 1.89 0.00	22.62 2.11 0.00	25.38 2.55 0.00	31.24 3.28 -0.16	50.64 3.42 -19.95	63.23 3.39 -33.98	142.58 3.46 -113.30	36.42 3.24 -6.45	36.91 3.35 -4.01	32.63 3.04 0.00	32.58 3.05 0.00	34.12 3.22 -0.05	34.33 3.23 0.00	33.41 3.18 -0.03	34.71 2.99 -0.04	35.61 2.97 -0.54	32.69 2.65 -0.80	28.83 2.46 -0.31

TILDEN___115KV_TB1 80814	31.58 0.09 0.00	20.23 0.11 0.00	21.14 0.12 0.00	19.36 0.12 0.00	19.76 0.12 0.00	19.43 0.15 0.00	18.82 0.12 0.00	20.62 0.10 0.00	23.02 0.11 -0.07	29.08 0.11 -1.17	27.33 0.04 -0.02	25.89 0.03 0.00	26.75 0.04 -0.89	27.78 0.05 -1.00	30.73 -0.02 -1.20	30.92 -0.02 -1.35	30.90 0.02 -1.34	32.47 0.10 -1.52	32.73 0.07 -1.55	31.70 0.06 -1.44	33.42 0.09 -1.64	33.88 0.09 -1.68	30.68 0.12 -1.32	26.76 0.21 -0.49
TRIGEN___CC 323695	34.01 2.14 -0.37	21.57 1.27 -0.18	22.25 1.18 -0.05	20.33 1.09 0.00	20.72 1.09 0.00	20.35 1.06 0.00	19.82 1.13 0.00	21.81 1.30 0.00	24.39 1.55 0.00	29.90 1.94 -0.16	29.53 2.04 -0.22	29.21 2.02 -1.33	28.97 1.99 -1.16	28.56 1.83 0.00	31.37 1.81 0.00	31.37 1.78 0.00	31.30 1.77 0.00	32.76 1.86 -0.05	32.99 1.89 0.00	32.10 1.87 -0.03	33.48 1.76 -0.04	34.44 1.80 -0.54	31.65 1.60 -0.80	27.85 1.48 -0.31
TRINITY__115KV__4 BK 55933	31.66 0.58 0.41	20.20 0.28 0.20	21.24 0.27 0.06	19.51 0.28 0.00	19.92 0.28 0.00	19.57 0.29 0.00	18.99 0.30 0.00	20.88 0.36 0.00	23.21 0.37 0.00	28.09 0.47 0.18	27.52 0.50 0.25	26.28 0.50 0.08	26.20 0.51 0.13	27.32 0.59 0.00	30.26 0.71 0.00	30.21 0.62 0.00	30.12 0.60 0.00	31.37 0.57 0.05	31.69 0.58 0.00	30.74 0.58 0.03	32.21 0.57 0.04	32.05 0.54 0.60	28.76 0.42 0.90	25.97 0.25 0.35
UNION___PROCESSING_DRP 323587	32.05 0.56 0.00	20.55 0.43 0.00	21.67 0.65 0.00	19.87 0.63 0.00	20.30 0.67 0.00	19.91 0.63 0.00	19.32 0.62 0.00	21.14 0.63 0.00	23.53 0.70 0.00	28.48 0.68 0.00	27.68 0.41 0.00	26.13 0.27 0.00	26.16 0.33 0.00	27.07 0.33 0.00	29.68 0.13 0.00	29.78 0.19 0.00	29.88 0.35 0.00	31.26 0.40 0.00	31.44 0.34 0.00	30.46 0.26 0.00	32.19 0.50 0.00	32.78 0.68 0.00	30.13 0.89 0.00	27.24 1.17 0.00
UPPER HUDSON___HYD 24058	32.75 1.70 0.45	20.79 0.89 0.22	21.91 0.95 0.06	20.13 0.89 0.00	20.48 0.84 0.00	20.14 0.86 0.00	19.56 0.87 0.00	21.48 0.97 0.00	24.02 1.18 0.00	29.04 1.44 0.19	28.19 1.19 0.27	26.96 1.19 0.09	26.82 1.15 0.14	27.74 1.01 0.00	30.87 1.32 0.00	31.01 1.42 0.00	30.76 1.24 0.00	31.98 1.19 0.06	32.43 1.32 0.00	31.67 1.51 0.04	33.12 1.48 0.05	33.02 1.57 0.65	29.56 1.29 0.98	26.68 0.99 0.38
UPPER RAQUET___HYD 24056	31.28 -0.22 0.00	19.97 -0.15 0.00	20.82 -0.20 0.00	18.95 -0.29 0.00	19.38 -0.26 0.00	19.02 -0.25 0.00	18.49 -0.20 0.00	20.35 -0.16 0.00	22.71 -0.15 -0.02	28.03 -0.09 -0.32	27.31 0.04 -0.01	25.90 0.05 0.00	26.07 0.02 -0.23	26.98 -0.01 -0.27	29.78 -0.09 -0.32	29.75 -0.19 -0.35	29.51 -0.37 -0.35	30.77 -0.48 -0.40	31.08 -0.43 -0.41	30.21 -0.37 -0.38	31.76 -0.36 -0.43	32.27 -0.28 -0.44	29.61 0.02 -0.35	26.23 0.04 -0.13
VALLEY44_115KV_TB2 355964	31.94 0.44 0.00	20.46 0.34 0.00	21.57 0.55 0.00	19.77 0.53 0.00	20.20 0.57 0.00	19.84 0.56 0.00	19.27 0.58 0.00	21.22 0.71 0.00	23.65 0.82 0.00	28.60 0.80 0.00	27.52 0.25 0.00	25.76 -0.09 0.00	25.83 0.02 0.00	26.83 0.10 0.00	29.38 -0.17 0.00	29.43 -0.16 0.00	29.51 -0.02 0.00	30.97 0.12 0.00	31.06 -0.04 0.00	29.97 -0.23 0.00	31.72 0.04 0.00	32.56 0.46 0.00	29.98 0.74 0.00	27.16 1.09 0.00
VALLEY___115KV_TB 1-4 80826	31.78 0.28 0.00	20.24 0.12 0.00	21.07 0.04 0.00	19.27 0.03 0.00	19.66 0.03 0.00	19.41 0.13 0.00	18.82 0.12 0.00	20.73 0.21 0.00	23.07 0.23 0.00	28.08 0.28 0.00	27.53 0.26 0.00	26.13 0.27 0.00	26.12 0.30 0.00	27.04 0.31 0.00	29.99 0.44 0.00	30.03 0.44 0.00	29.95 0.42 0.00	31.35 0.50 0.00	31.59 0.49 0.00	30.68 0.48 0.00	32.16 0.48 0.00	32.56 0.45 0.00	29.51 0.27 0.00	26.18 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.63 1.13 0.00	20.77 0.66 0.00	21.72 0.69 0.00	19.89 0.65 0.00	20.32 0.68 0.00	19.93 0.65 0.00	19.34 0.64 0.00	21.26 0.75 0.00	23.75 0.89 -0.02	29.28 1.11 -0.37	28.35 1.07 -0.01	26.89 1.03 0.00	27.15 1.05 -0.28	28.14 1.09 -0.32	31.08 1.15 -0.38	31.15 1.13 -0.43	31.12 1.17 -0.42	32.58 1.26 -0.48	32.86 1.27 -0.49	31.87 1.22 -0.45	33.44 1.24 -0.52	33.83 1.20 -0.53	30.67 1.02 -0.42	27.09 0.87 -0.15
VISCHER___FERRY HYD 24020	32.05 1.12 0.58	20.46 0.62 0.28	21.57 0.63 0.08	19.85 0.61 0.00	20.25 0.61 0.00	19.89 0.62 0.00	19.32 0.63 0.00	21.23 0.72 0.00	23.58 0.74 0.00	28.48 0.93 0.25	27.85 0.92 0.35	26.63 0.89 0.11	26.52 0.89 0.18	27.72 0.99 0.00	30.73 1.18 0.00	30.68 1.09 0.00	30.57 1.04 0.00	31.81 1.03 0.07	32.15 1.05 0.00	31.19 1.04 0.05	32.69 1.06 0.06	32.34 1.07 0.84	28.89 0.91 1.26	26.27 0.70 0.49
V_A_10_SYNC_DSASP 323832	31.49 0.00 0.00	20.23 0.11 0.00	21.38 0.36 0.00	19.62 0.38 0.00	20.06 0.42 0.00	19.67 0.39 0.00	19.08 0.39 0.00	20.87 0.35 0.00	23.21 0.37 0.00	28.02 0.22 0.00	27.10 -0.17 0.00	25.50 -0.36 0.00	25.53 -0.29 0.00	26.41 -0.32 0.00	28.87 -0.68 0.00	28.98 -0.61 0.00	29.09 -0.44 0.00	30.42 -0.44 0.00	30.54 -0.57 0.00	29.56 -0.64 0.00	31.30 -0.38 0.00	32.02 -0.09 0.00	29.61 0.37 0.00	26.95 0.89 0.00
V_CMM_10_SYNC_DSASP 323787	31.13 -0.37 0.00	19.90 -0.22 0.00	20.77 -0.25 0.00	18.94 -0.30 0.00	19.32 -0.32 0.00	18.96 -0.32 0.00	18.39 -0.30 0.00	20.20 -0.31 0.00	22.52 -0.32 0.00	27.44 -0.36 0.00	27.00 -0.27 0.00	25.60 -0.26 0.00	25.53 -0.29 0.00	26.40 -0.33 0.00	29.30 -0.25 0.00	29.38 -0.22 0.00	29.25 -0.28 0.00	30.50 -0.35 0.00	30.79 -0.31 0.00	29.92 -0.28 0.00	31.40 -0.29 0.00	31.81 -0.30 0.00	29.01 -0.24 0.00	25.80 -0.26 0.00
V_CMP_10_SYNC_DSASP 323788	32.43 0.94 0.00	20.57 0.45 0.00	21.52 0.50 0.00	19.42 0.18 0.00	19.73 0.09 0.00	19.16 -0.13 0.00	18.65 -0.04 0.00	20.68 0.17 0.00	23.38 0.54 0.00	28.71 0.91 0.00	28.23 0.96 0.00	26.79 0.94 0.00	26.71 0.89 0.00	27.78 1.05 0.00	30.88 1.33 0.00	30.95 1.36 0.00	30.79 1.26 0.00	32.14 1.28 0.00	32.47 1.36 0.00	31.60 1.40 0.00	33.04 1.35 0.00	33.42 1.31 0.00	30.35 1.11 0.00	26.92 0.86 0.00
V_E_10_SYNC_DSASP 323830	33.98 2.49 0.00	21.67 1.55 0.00	22.55 1.53 0.00	20.61 1.37 0.00	21.02 1.39 0.00	20.72 1.44 0.00	20.09 1.40 0.00	22.20 1.68 0.00	24.90 2.01 -0.04	31.02 2.48 -0.75	29.56 2.28 -0.01	27.97 2.11 0.00	28.60 2.21 -0.57	29.69 2.31 -0.64	32.72 2.40 -0.77	32.89 2.44 -0.87	33.06 2.68 -0.86	34.93 3.11 -0.97	35.29 3.19 -0.99	34.27 3.15 -0.92	36.01 3.28 -1.05	36.33 3.15 -1.08	32.78 2.69 -0.85	28.71 2.34 -0.31
V_F_30_NSYNC___DSASP 323816	32.73 1.70 0.47	20.85 0.96 0.23	21.95 0.99 0.06	20.17 0.93 0.00	20.57 0.94 0.00	20.20 0.93 0.00	19.62 0.93 0.00	21.57 1.06 0.00	24.03 1.19 0.00	29.05 1.45 0.20	28.35 1.36 0.28	27.09 1.33 0.09	26.99 1.33 0.15	28.10 1.37 0.00	31.19 1.63 0.00	31.21 1.62 0.00	31.09 1.56 0.00	32.38 1.59 0.06	32.74 1.64 0.00	31.83 1.68 0.04	33.33 1.69 0.05	33.12 1.69 0.68	29.67 1.45 1.02	26.83 1.16 0.40

V_F_30_SYNC_DSASP 323786	31.82 0.74 0.42	20.30 0.39 0.21	21.33 0.37 0.06	19.60 0.36 0.00	20.00 0.36 0.00	19.66 0.38 0.00	19.08 0.39 0.00	20.98 0.47 0.00	23.33 0.49 0.00	28.23 0.62 0.18	27.66 0.65 0.25	26.43 0.65 0.08	26.35 0.67 0.13	27.48 0.75 0.00	30.43 0.88 0.00	30.39 0.80 0.00	30.30 0.77 0.00	31.57 0.77 0.05	31.89 0.78 0.00	30.93 0.77 0.04	32.40 0.76 0.04	32.22 0.73 0.62	28.89 0.57 0.92	26.10 0.40 0.36
V_XM_10_SYNC_DSASP 323789	32.43 0.94 0.00	20.57 0.45 0.00	21.52 0.50 0.00	19.42 0.18 0.00	19.73 0.09 0.00	19.16 -0.13 0.00	18.65 -0.04 0.00	20.68 0.17 0.00	23.38 0.54 0.00	28.71 0.91 0.00	28.23 0.96 0.00	26.79 0.94 0.00	26.71 0.89 0.00	27.78 1.05 0.00	30.88 1.33 0.00	30.95 1.36 0.00	30.79 1.26 0.00	32.14 1.28 0.00	32.47 1.36 0.00	31.60 1.40 0.00	33.04 1.35 0.00	33.42 1.31 0.00	30.35 1.11 0.00	26.92 0.86 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.57 1.74 -0.33	21.27 0.99 -0.16	21.98 0.91 -0.05	20.10 0.86 0.00	20.49 0.86 0.00	20.14 0.86 0.00	19.62 0.92 0.00	21.62 1.11 0.00	24.14 1.31 0.00	29.57 1.63 -0.14	29.09 1.62 -0.20	27.50 1.57 -0.07	27.51 1.58 -0.11	28.36 1.63 0.00	31.24 1.69 0.00	31.24 1.65 0.00	31.20 1.67 0.00	32.68 1.78 -0.04	32.88 1.78 0.00	31.93 1.70 -0.03	33.40 1.68 -0.03	34.26 1.67 -0.49	31.43 1.45 -0.73	27.55 1.21 -0.28
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.90 2.04 -0.37	21.46 1.16 -0.18	22.16 1.09 -0.05	20.25 1.01 0.00	20.63 1.00 0.00	20.27 0.99 0.00	19.74 1.05 0.00	21.76 1.25 0.00	24.31 1.47 0.00	29.79 1.83 -0.16	29.32 1.83 -0.22	27.68 1.75 -0.07	27.70 1.76 -0.12	28.52 1.79 0.00	31.39 1.83 0.00	31.44 1.85 0.00	31.39 1.86 0.00	32.78 1.89 -0.05	32.97 1.86 0.00	32.00 1.77 -0.03	33.48 1.76 -0.04	34.41 1.77 -0.54	31.63 1.59 -0.80	27.71 1.34 -0.31
W50THST__13_KV_LOAD 356117	34.05 2.19 -0.37	21.57 1.26 -0.18	22.27 1.20 -0.05	20.35 1.11 0.00	20.74 1.10 0.00	20.38 1.09 0.00	19.85 1.16 0.00	21.89 1.37 0.00	24.46 1.62 0.00	29.97 2.01 -0.16	29.51 2.02 -0.22	27.85 1.92 -0.07	27.87 1.93 -0.12	28.70 1.97 0.00	31.58 2.03 0.00	31.63 2.04 0.00	31.58 2.05 0.00	32.98 2.08 -0.05	33.16 2.05 0.00	32.19 1.96 -0.03	33.69 1.97 -0.04	34.60 1.96 -0.54	31.79 1.75 -0.80	27.84 1.47 -0.31
WADING RIVER_IC_1 23522	34.96 3.09 -0.37	22.23 1.93 -0.18	23.00 1.93 -0.05	20.98 1.74 0.00	21.38 1.74 0.00	20.88 1.60 0.00	20.36 1.67 0.00	22.38 1.86 0.00	25.08 2.24 0.00	30.82 2.86 -0.16	50.28 2.98 -20.03	62.70 2.97 -33.88	142.28 3.02 -113.45	35.95 2.79 -6.43	36.36 2.81 -4.00	32.13 2.53 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.86 2.76 0.00	32.96 2.74 -0.03	34.27 2.55 -0.04	35.20 2.56 -0.54	32.34 2.29 -0.80	28.53 2.16 -0.31
WADING RIVER_IC_2 23547	34.96 3.09 -0.37	22.23 1.93 -0.18	23.00 1.93 -0.05	20.98 1.74 0.00	21.38 1.74 0.00	20.88 1.60 0.00	20.36 1.67 0.00	22.38 1.86 0.00	25.08 2.24 0.00	30.82 2.86 -0.16	50.28 2.98 -20.03	62.70 2.97 -33.88	142.28 3.02 -113.45	35.95 2.79 -6.43	36.36 2.81 -4.00	32.13 2.53 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.86 2.76 0.00	32.96 2.74 -0.03	34.27 2.55 -0.04	35.20 2.56 -0.54	32.34 2.29 -0.80	28.53 2.16 -0.31
WADING RIVER_IC_3 23601	34.96 3.09 -0.37	22.23 1.93 -0.18	23.00 1.93 -0.05	20.98 1.74 0.00	21.38 1.74 0.00	20.88 1.60 0.00	20.36 1.67 0.00	22.38 1.86 0.00	25.08 2.24 0.00	30.82 2.86 -0.16	50.28 2.98 -20.03	62.70 2.97 -33.88	142.28 3.02 -113.45	35.95 2.79 -6.43	36.36 2.81 -4.00	32.13 2.53 0.00	32.09 2.56 0.00	33.62 2.72 -0.05	33.86 2.76 0.00	32.96 2.74 -0.03	34.27 2.55 -0.04	35.20 2.56 -0.54	32.34 2.29 -0.80	28.53 2.16 -0.31
WALDENNY_12_KV_BK2 80841	31.79 0.29 0.00	20.41 0.29 0.00	21.59 0.57 0.00	19.80 0.56 0.00	20.25 0.61 0.00	19.85 0.57 0.00	19.27 0.57 0.00	21.07 0.56 0.00	23.44 0.61 0.00	28.28 0.48 0.00	27.31 0.04 0.00	25.68 -0.18 0.00	25.75 -0.07 0.00	26.69 -0.04 0.00	29.15 -0.40 0.00	29.33 -0.26 0.00	29.41 -0.11 0.00	30.81 -0.05 0.00	30.91 -0.20 0.00	29.87 -0.33 0.00	31.69 0.01 0.00	32.44 0.34 0.00	30.02 0.78 0.00	27.38 1.31 0.00
WALDEN__HYDRO 24148	33.52 1.75 -0.27	21.25 0.99 -0.13	21.99 0.93 -0.04	20.12 0.88 0.00	20.52 0.88 0.00	20.16 0.88 0.00	19.62 0.92 0.00	21.62 1.10 0.00	24.13 1.29 0.00	29.52 1.60 -0.12	29.04 1.60 -0.16	27.49 1.58 -0.05	27.48 1.58 -0.09	28.35 1.62 0.00	31.22 1.67 0.00	31.23 1.63 0.00	31.25 1.72 0.00	32.73 1.85 -0.03	32.96 1.86 0.00	32.01 1.79 -0.02	33.51 1.80 -0.03	34.27 1.77 -0.40	31.36 1.52 -0.60	27.54 1.25 -0.23
WARRENSBURG____ 23737	32.75 1.70 0.45	20.79 0.89 0.22	21.91 0.95 0.06	20.13 0.89 0.00	20.48 0.84 0.00	20.14 0.86 0.00	19.56 0.87 0.00	21.48 0.97 0.00	24.02 1.18 0.00	29.04 1.44 0.19	28.19 1.19 0.27	26.96 1.19 0.09	26.82 1.15 0.14	27.74 1.01 0.00	30.87 1.32 0.00	31.01 1.42 0.00	30.76 1.24 0.00	31.98 1.19 0.06	32.43 1.32 0.00	31.67 1.51 0.04	33.12 1.48 0.05	33.02 1.57 0.65	29.56 1.29 0.98	26.68 0.99 0.38
WATERSIDE____6 8 9 23538	34.01 2.14 -0.37	21.53 1.23 -0.18	22.23 1.16 -0.05	20.32 1.08 0.00	20.71 1.07 0.00	20.33 1.05 0.00	19.81 1.11 0.00	21.81 1.30 0.00	24.37 1.53 0.00	29.87 1.91 -0.16	29.41 1.92 -0.22	27.77 1.84 -0.07	27.78 1.85 -0.12	28.61 1.88 0.00	31.45 1.90 0.00	31.47 1.88 0.00	31.43 1.90 0.00	32.81 1.92 -0.05	32.99 1.89 0.00	32.03 1.83 0.00	33.51 1.82 0.00	34.46 1.82 -0.54	31.68 1.64 -0.80	27.75 1.38 -0.31
WATKINRD_115KV_LN8_ILLION 55919	31.70 0.21 0.00	20.19 0.07 0.00	21.06 0.03 0.00	19.27 0.03 0.00	19.67 0.03 0.00	19.37 0.09 0.00	18.77 0.08 0.00	20.65 0.14 0.00	22.99 0.15 0.00	27.98 0.18 0.00	27.44 0.17 0.00	26.02 0.17 0.00	25.99 0.17 0.00	26.92 0.19 0.00	29.82 0.27 0.00	29.86 0.26 0.00	29.79 0.26 0.00	31.16 0.31 0.00	31.42 0.31 0.00	30.51 0.31 0.00	31.99 0.31 0.00	32.38 0.28 0.00	29.39 0.15 0.00	26.12 0.05 0.00
WATSON__69_KV_BK 1 55734	35.02 3.15 -0.37	22.24 1.94 -0.18	22.93 1.86 -0.05	20.91 1.67 0.00	21.31 1.67 0.00	20.88 1.60 0.00	20.35 1.66 0.00	22.37 1.85 0.00	25.08 2.24 0.00	30.84 2.88 -0.16	40.02 2.97 -9.78	46.56 2.98 -17.73	88.33 3.01 -59.51	32.68 2.71 -3.24	34.18 2.61 -2.01	32.03 2.44 0.00	31.97 2.44 0.00	33.48 2.59 -0.05	33.76 2.66 0.00	32.92 2.70 -0.03	34.29 2.57 -0.04	35.25 2.61 -0.54	32.43 2.38 -0.80	28.59 2.22 -0.31
WDELAWARE__HYD 323627	32.88 1.21 -0.18	20.86 0.65 -0.09	21.64 0.60 -0.02	19.80 0.56 0.00	20.20 0.57 0.00	19.83 0.55 0.00	19.31 0.61 0.00	21.27 0.76 0.00	23.76 0.92 0.00	29.05 1.17 -0.08	28.51 1.13 -0.11	26.93 1.04 -0.04	26.31 0.44 -0.06	27.15 0.42 0.00	29.81 0.26 0.00	29.84 0.25 0.00	29.97 0.44 0.00	31.35 0.47 -0.02	31.61 0.51 0.00	30.82 0.61 -0.01	33.06 1.36 -0.02	33.66 1.29 -0.26	30.70 1.07 -0.38	27.04 0.83 -0.15



WEST BABYLON___IC 23714	34.85 2.99 -0.37	22.13 1.83 -0.18	22.79 1.72 -0.05	20.80 1.56 0.00	21.19 1.55 0.00	20.78 1.50 0.00	20.26 1.56 0.00	22.26 1.75 0.00	24.95 2.11 0.00	30.68 2.73 -0.16	32.76 2.81 -2.69	33.96 2.82 -5.28	45.24 2.81 -16.61	29.99 2.48 -0.78	32.42 2.38 -0.49	31.86 2.27 0.00	31.82 2.29 0.00	33.30 2.40 -0.05	33.59 2.49 0.00	32.74 2.51 -0.03	34.13 2.41 -0.04	35.14 2.50 -0.54	32.30 2.26 -0.80	28.47 2.10 -0.31
WEST CANADA___HYD 24049	31.61 0.11 0.00	20.18 0.06 0.00	21.07 0.05 0.00	19.30 0.06 0.00	19.70 0.07 0.00	19.36 0.08 0.00	18.75 0.06 0.00	20.59 0.08 0.00	22.93 0.09 0.00	27.91 0.11 0.00	27.36 0.09 0.00	25.94 0.08 0.00	25.87 0.05 0.00	26.79 0.05 0.00	29.61 0.06 0.00	29.65 0.06 0.00	29.59 0.06 0.00	30.93 0.08 0.00	31.17 0.06 0.00	30.26 0.06 0.00	31.75 0.06 0.00	32.18 0.07 0.00	29.30 0.06 0.00	26.11 0.05 0.00
WESTERN_NY_WIND 24143	32.30 0.80 0.00	20.73 0.61 0.00	21.90 0.88 0.00	20.09 0.85 0.00	20.53 0.90 0.00	20.15 0.88 0.00	19.57 0.87 0.00	21.35 0.84 0.00	23.76 0.93 0.00	28.69 0.89 0.00	27.74 0.47 0.00	26.14 0.28 0.00	26.12 0.31 0.00	27.02 0.29 0.00	29.62 0.07 0.00	29.78 0.19 0.00	29.80 0.27 0.00	31.36 0.51 0.00	31.51 0.40 0.00	30.56 0.36 0.00	32.40 0.71 0.00	33.07 0.96 0.00	30.51 1.28 0.00	27.78 1.72 0.00
WESTOVER___LESR 323668	31.97 0.47 0.00	20.43 0.31 0.00	21.37 0.35 0.00	19.55 0.32 0.00	19.96 0.33 0.00	19.62 0.34 0.00	19.04 0.34 0.00	20.92 0.40 0.00	23.34 0.46 -0.04	29.00 0.51 -0.69	27.64 0.35 -0.01	26.16 0.30 0.00	26.71 0.36 -0.53	27.72 0.39 -0.60	30.58 0.32 -0.71	30.75 0.36 -0.80	30.74 0.41 -0.80	32.32 0.56 -0.90	32.53 0.51 -0.92	31.48 0.43 -0.85	33.15 0.49 -0.97	33.69 0.59 -1.00	30.59 0.56 -0.79	26.92 0.57 -0.29
WETHRSFD_WT_PWR 323626	31.75 0.25 0.00	20.41 0.29 0.00	21.53 0.51 0.00	19.73 0.49 0.00	20.16 0.52 0.00	19.78 0.50 0.00	19.19 0.50 0.00	21.03 0.52 0.00	23.40 0.57 0.00	28.27 0.48 0.00	27.34 0.07 0.00	25.74 -0.12 0.00	25.80 -0.02 0.00	26.72 -0.01 0.00	29.24 -0.31 0.00	29.41 -0.18 0.00	29.45 -0.08 0.00	30.87 0.02 0.00	30.98 -0.12 0.00	29.98 -0.21 0.00	31.74 0.06 0.00	32.45 0.35 0.00	29.92 0.68 0.00	27.13 1.07 0.00
WHAVSTOR_138KV_BK127 55557	33.44 1.60 -0.34	21.18 0.90 -0.16	21.89 0.83 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.06 0.78 0.00	19.54 0.85 0.00	21.53 1.02 0.00	24.04 1.20 0.00	29.44 1.49 -0.14	28.96 1.49 -0.20	27.38 1.45 -0.07	27.38 1.46 -0.11	28.23 1.50 0.00	31.09 1.54 0.00	31.09 1.50 0.00	31.05 1.52 0.00	32.49 1.60 -0.04	32.71 1.60 0.00	31.75 1.53 -0.03	33.23 1.51 -0.03	34.10 1.50 -0.49	31.28 1.31 -0.73	27.43 1.08 -0.28
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	33.44 1.60 -0.34	21.18 0.90 -0.16	21.89 0.83 -0.05	20.02 0.79 0.00	20.42 0.78 0.00	20.06 0.78 0.00	19.54 0.85 0.00	21.53 1.02 0.00	24.04 1.20 0.00	29.44 1.49 -0.14	28.96 1.49 -0.20	27.38 1.45 -0.07	27.38 1.46 -0.11	28.23 1.50 0.00	31.09 1.54 0.00	31.09 1.50 0.00	31.05 1.52 0.00	32.49 1.60 -0.04	32.71 1.60 0.00	31.75 1.53 -0.03	33.23 1.51 -0.03	34.10 1.50 -0.49	31.28 1.31 -0.73	27.43 1.08 -0.28
WHITEHAL_115KV_TB1 80871	33.70 2.66 0.46	21.35 1.46 0.22	22.35 1.39 0.06	20.53 1.29 0.00	20.85 1.22 0.00	20.46 1.18 0.00	19.93 1.23 0.00	21.89 1.38 0.00	24.47 1.63 0.00	29.59 1.99 0.20	28.84 1.84 0.27	27.55 1.78 0.09	27.36 1.69 0.15	28.60 1.87 0.00	32.05 2.50 0.00	32.27 2.68 0.00	31.99 2.46 0.00	33.16 2.37 0.06	33.63 2.53 0.00	32.76 2.60 0.04	34.13 2.49 0.05	33.86 2.42 0.66	30.33 2.08 0.99	27.42 1.74 0.39
WHITEPLN_13_KV_LOAD 356215	34.07 2.21 -0.37	21.56 1.26 -0.18	22.18 1.11 -0.05	20.27 1.04 0.00	20.67 1.03 0.00	20.38 1.10 0.00	19.84 1.14 0.00	21.87 1.36 0.00	24.43 1.60 0.00	29.95 1.99 -0.16	29.50 2.01 -0.22	27.87 1.94 -0.07	27.88 1.95 -0.12	28.71 1.98 0.00	31.60 2.05 0.00	31.62 2.03 0.00	31.58 2.05 0.00	33.03 2.14 -0.05	33.25 2.14 0.00	32.29 2.07 -0.03	33.79 2.07 -0.04	34.69 2.05 -0.53	31.85 1.81 -0.80	27.88 1.51 -0.31
WM_FLOYD_69_KV_BK2 356380	34.89 3.02 -0.37	22.19 1.89 -0.18	22.91 1.85 -0.05	20.90 1.66 0.00	21.29 1.66 0.00	20.85 1.56 0.00	20.32 1.63 0.00	22.33 1.82 0.00	25.02 2.18 0.00	30.74 2.78 -0.16	49.77 2.89 -19.61	63.25 2.88 -34.51	141.63 2.93 -112.87	35.99 2.70 -6.56	36.36 2.73 -4.08	32.03 2.44 0.00	32.01 2.48 0.00	33.54 2.64 -0.05	33.79 2.69 0.00	32.90 2.67 -0.03	34.21 2.49 -0.04	35.14 2.50 -0.54	32.29 2.25 -0.80	28.48 2.10 -0.31
WOODARD__115KV_TB2 355635	31.33 -0.16 0.00	20.07 -0.05 0.00	20.98 -0.05 0.00	19.22 -0.02 0.00	19.61 -0.03 0.00	19.28 0.00 0.00	18.68 -0.02 0.00	20.45 -0.06 0.00	22.82 -0.09 -0.07	28.88 -0.12 -1.20	27.11 -0.19 -0.02	25.68 -0.18 0.00	26.56 -0.18 -0.92	27.59 -0.17 -1.03	30.51 -0.27 -1.23	30.71 -0.27 -1.39	30.69 -0.22 -1.38	32.23 -0.18 -1.56	32.49 -0.20 -1.59	31.47 -0.21 -1.48	33.18 -0.19 -1.69	33.65 -0.18 -1.73	30.46 -0.14 -1.36	26.55 -0.01 -0.50
YORK___WARBASSE 23770	34.18 2.32 -0.37	21.63 1.33 -0.18	22.33 1.26 -0.05	20.41 1.18 0.00	20.80 1.17 0.00	20.42 1.14 0.00	19.89 1.20 0.00	21.92 1.40 0.00	24.49 1.65 0.00	30.01 2.05 -0.16	29.56 2.07 -0.22	27.90 1.97 -0.07	27.92 1.98 -0.12	28.74 2.01 0.00	31.62 2.07 0.00	31.64 2.05 0.00	31.58 2.05 0.00	32.99 2.09 -0.05	33.18 2.08 0.00	32.40 2.00 -0.20	33.93 2.00 -0.24	34.65 2.01 -0.54	31.84 1.79 -0.80	27.87 1.50 -0.31