

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/12/2023

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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST
59TH STREET_GT_1	23.04	21.76	19.62	19.62	22.59	24.19	28.71	29.88	27.82	24.43	23.52	20.38	21.45	20.38	22.43	24.82	24.56	27.17	25.49	27.11	31.98	31.34	29.19	23.59
24138	1.04	0.92	0.90	0.92	1.03	1.29	1.94	2.39	2.01	1.73	1.81	1.58	1.39	1.54	1.70	1.83	2.08	2.61	2.23	2.28	2.42	2.20	1.93	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.51	-3.56	-0.02	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	23.00	21.72	19.59	19.58	22.55	24.15	28.64	29.79	27.74	24.36	23.44	20.30	21.36	20.31	22.36	24.76	24.49	27.09	25.41	27.05	31.92	31.28	29.15	23.57
24260	1.00	0.89	0.86	0.88	0.98	1.26	1.87	2.31	1.93	1.66	1.74	1.50	1.32	1.46	1.64	1.76	2.01	2.52	2.16	2.23	2.36	2.15	1.89	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-3.54	-0.02	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	23.00	21.72	19.59	19.58	22.55	24.15	28.64	29.79	27.74	24.36	23.44	20.30	21.36	20.31	22.36	24.76	24.49	27.09	25.41	27.05	31.92	31.28	29.15	23.57
24261	1.00	0.89	0.86	0.88	0.98	1.26	1.87	2.31	1.93	1.66	1.74	1.50	1.32	1.46	1.64	1.76	2.01	2.52	2.16	2.23	2.36	2.15	1.89	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.50	-3.54	-0.02	-0.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.40	21.18	19.06	19.06	22.11	23.65	27.92	28.99	26.92	23.61	22.47	18.89	17.04	19.54	21.26	24.05	23.77	26.21	24.64	26.25	30.91	30.26	28.15	22.79
24011	0.40	0.35	0.33	0.36	0.55	0.76	1.15	1.50	1.11	0.91	0.76	0.60	0.54	0.72	0.91	1.06	1.28	1.64	1.39	1.42	1.35	1.13	0.89	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	22.40	21.18	19.06	19.06	22.16	23.75	28.10	29.19	27.07	23.70	22.53	18.95	17.10	19.60	21.34	24.16	23.95	26.40	24.81	26.42	31.02	30.32	28.18	22.80
23798	0.40	0.34	0.33	0.36	0.60	0.86	1.33	1.70	1.26	1.00	0.83	0.67	0.61	0.78	0.99	1.17	1.46	1.84	1.55	1.60	1.46	1.18	0.91	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.40	21.18	19.06	19.06	22.11	23.65	27.92	28.99	26.92	23.61	22.47	18.89	17.04	19.54	21.26	24.05	23.77	26.21	24.64	26.25	30.91	30.26	28.15	22.79
24028	0.40	0.35	0.33	0.36	0.55	0.76	1.15	1.50	1.11	0.91	0.76	0.60	0.54	0.72	0.91	1.06	1.28	1.64	1.39	1.42	1.35	1.13	0.89	0.57
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	22.77	21.55	19.40	19.43	22.47	23.90	28.09	29.17	27.04	23.68	22.59	19.05	17.61	19.54	21.38	24.18	23.67	26.14	24.56	26.19	31.11	30.48	28.46	23.04
23527	0.77	0.72	0.67	0.72	0.91	1.01	1.31	1.69	1.23	0.98	0.88	0.69	0.62	0.72	0.98	1.19	1.18	1.58	1.31	1.37	1.55	1.35	1.20	0.82
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.07	-0.49	0.00	-0.05	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.98	20.84	18.79	18.79	21.61	23.01	27.05	27.98	26.07	22.91	21.91	18.44	16.62	18.97	20.63	23.33	22.96	25.29	23.79	25.35	29.98	29.44	27.51	22.34
24190	-0.02	0.00	0.06	0.09	0.04	0.12	0.27	0.49	0.26	0.21	0.20	0.15	0.12	0.15	0.28	0.34	0.47	0.73	0.54	0.52	0.42	0.31	0.24	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	22.29	21.14	18.98	18.92	21.80	23.07	26.85	27.31	25.86	22.80	21.75	18.33	16.60	18.95	20.39	23.02	22.24	24.04	22.89	24.54	29.51	29.23	27.41	22.32
355683	0.29	0.30	0.25	0.22	0.24	0.18	0.07	-0.17	0.05	0.10	0.05	0.04	0.09	0.13	0.04	0.02	-0.25	-0.53	-0.36	-0.29	-0.05	0.09	0.15	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	22.50	21.33	19.21	19.21	22.13	23.57	27.71	28.62	26.66	23.40	22.32	18.78	16.93	19.32	21.02	23.81	23.46	25.83	24.31	25.89	30.66	30.11	28.12	22.84
323833	0.50	0.49	0.48	0.50	0.57	0.68	0.94	1.13	0.85	0.70	0.62	0.49	0.43	0.50	0.67	0.82	0.98	1.26	1.05	1.07	1.09	0.97	0.86	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	22.50	21.33	19.20	19.20	22.13	23.56	27.70	28.61	26.65	23.39	22.32	18.78	16.93	19.32	21.01	23.81	23.46	25.82	24.30	25.88	30.65	30.10	28.11	22.84
323834	0.50	0.49	0.47	0.50	0.57	0.67	0.93	1.12	0.84	0.69	0.61	0.49	0.42	0.50	0.66	0.82	0.97	1.25	1.05	1.06	1.09	0.97	0.85	0.62
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	21.98	20.84	18.79	18.79	21.61	23.01	27.05	27.98	26.07	22.91	21.91	18.44	16.62	18.97	20.63	23.33	22.96	25.29	23.79	25.35	29.98	29.44	27.51	22.34
23571	-0.02	0.00	0.06	0.09	0.04	0.12	0.27	0.49	0.26	0.21	0.20	0.15	0.12	0.15	0.28	0.34	0.47	0.73	0.54	0.52	0.42	0.31	0.24	0.12
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___2 23572	21.98 -0.02 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.91 0.21 0.00	21.91 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.33 0.34 0.00	22.96 0.47 0.00	25.29 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
ALBANY___3 23573	21.98 -0.02 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.91 0.21 0.00	21.91 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.33 0.34 0.00	22.96 0.47 0.00	25.29 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
ALBANY___4 23574	21.98 -0.02 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.91 0.21 0.00	21.91 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.33 0.34 0.00	22.96 0.47 0.00	25.29 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
ALBANY___LFGE 323615	22.20 0.20 0.00	21.03 0.19 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.81 0.25 0.00	23.23 0.34 0.00	27.32 0.55 0.00	28.19 0.71 0.00	26.23 0.42 0.00	23.05 0.35 0.00	22.04 0.33 0.00	18.55 0.26 0.00	16.72 0.22 0.00	19.12 0.30 0.00	20.84 0.49 0.00	23.57 0.58 0.00	23.19 0.71 0.00	25.57 1.00 0.00	24.04 0.79 0.00	25.61 0.78 0.00	30.30 0.73 0.00	29.75 0.61 0.00	27.78 0.52 0.00	22.55 0.33 0.00
ALCOA_PA_115KV_PL-6C 55860	22.49 0.49 0.00	21.32 0.49 0.00	19.15 0.42 0.00	19.08 0.38 0.00	21.98 0.42 0.00	23.23 0.34 0.00	26.93 0.15 0.00	27.39 -0.09 0.00	25.93 0.12 0.00	22.92 0.22 0.00	21.86 0.15 0.00	18.77 0.14 -0.34	16.77 0.18 -0.08	20.12 0.23 -1.06	21.60 0.15 -1.10	23.63 0.16 -0.48	22.68 -0.19 -0.38	25.19 -0.47 -1.10	23.62 -0.31 -0.68	25.81 -0.23 -1.21	30.07 0.05 -0.45	30.03 0.23 -0.67	27.62 0.36 0.00	22.48 0.26 0.00
ALCOA_RYNLDS___DRP 24188	22.49 0.49 0.00	21.32 0.49 0.00	19.15 0.42 0.00	19.08 0.38 0.00	21.98 0.42 0.00	23.23 0.34 0.00	26.93 0.15 0.00	27.39 -0.09 0.00	25.93 0.12 0.00	22.92 0.22 0.00	21.86 0.15 0.00	18.77 0.14 -0.34	16.77 0.18 -0.08	20.12 0.23 -1.06	21.60 0.15 -1.10	23.63 0.16 -0.48	22.68 -0.19 -0.38	25.19 -0.47 -1.10	23.62 -0.31 -0.68	25.81 -0.23 -1.21	30.07 0.05 -0.45	30.03 0.23 -0.67	27.62 0.36 0.00	22.48 0.26 0.00
ALCOA___DSASP 323711	22.48 0.49 0.00	21.32 0.49 0.00	19.15 0.42 0.00	19.08 0.38 0.00	21.98 0.42 0.00	23.23 0.34 0.00	26.93 0.15 0.00	27.39 -0.09 0.00	25.93 0.13 0.00	22.92 0.22 0.00	21.86 0.15 0.00	18.77 0.14 -0.34	16.77 0.18 -0.08	20.12 0.23 -1.06	21.60 0.15 -1.10	23.63 0.16 -0.48	22.68 -0.19 -0.38	25.19 -0.47 -1.10	23.62 -0.31 -0.68	25.81 -0.23 -1.21	30.07 0.05 -0.45	30.03 0.23 -0.67	27.62 0.36 0.00	22.48 0.27 0.00
ALLEGHENY___COGEN 23514	22.04 0.04 0.00	20.80 -0.04 0.00	18.54 -0.19 0.00	18.46 -0.24 0.00	21.36 -0.20 0.00	22.69 -0.20 0.00	26.72 -0.06 0.00	27.48 -0.01 0.00	25.52 -0.29 0.00	21.95 -0.75 0.00	20.60 -1.10 0.00	17.28 -1.00 0.00	15.57 -0.93 0.00	17.76 -1.07 0.00	19.14 -1.21 0.00	21.79 -1.20 0.00	22.26 -0.23 0.00	24.68 0.11 0.00	23.38 0.12 0.00	25.12 0.30 0.00	30.05 0.13 -0.36	29.35 0.09 -0.12	27.11 -0.15 0.00	22.13 -0.08 0.00
ALTAMONT_115KV_TB 2 55880	22.29 0.30 0.00	21.10 0.27 0.00	18.99 0.26 0.00	18.99 0.29 0.00	21.89 0.33 0.00	23.32 0.42 0.00	27.40 0.62 0.00	28.32 0.84 0.00	26.41 0.61 0.00	23.21 0.51 0.00	22.20 0.49 0.00	18.68 0.39 0.00	16.84 0.34 0.00	19.21 0.39 0.00	20.84 0.50 0.00	23.57 0.58 0.00	23.19 0.71 0.00	25.53 0.96 0.00	24.04 0.79 0.00	25.63 0.81 0.00	30.36 0.80 0.00	29.82 0.69 0.00	27.87 0.60 0.00	22.63 0.41 0.00
ALTONA_WT_PWR 323606	22.71 0.71 0.00	21.64 0.80 0.00	19.48 0.75 0.00	19.13 0.43 0.00	22.10 0.54 0.00	23.32 0.42 0.00	27.22 0.45 0.00	27.55 0.07 0.00	26.02 0.21 0.00	22.69 -0.01 0.00	21.32 -0.39 0.00	5.12 -0.53 12.65	12.94 -0.44 3.12	-21.08 -0.54 39.37	-21.09 -0.65 40.79	4.62 -0.74 17.63	7.47 -0.92 14.10	-17.42 -1.30 40.68	-3.06 -1.02 25.30	-21.03 -0.94 44.92	11.98 -0.80 16.78	3.59 -0.72 24.83	26.98 -0.29 0.00	22.03 -0.19 0.00
AMERICAN_REF_FUEL 24010	19.97 -2.03 0.00	18.99 -1.84 0.00	17.00 -1.73 0.00	16.98 -1.73 0.00	19.64 -1.92 0.00	20.58 -2.32 0.00	23.72 -3.06 0.00	24.06 -3.42 0.00	22.59 -3.22 0.00	19.94 -2.76 0.00	19.05 -2.66 0.00	16.13 -2.16 0.00	14.64 -1.86 0.00	16.76 -2.07 0.00	17.84 -2.51 0.00	20.15 -2.84 0.00	19.88 -2.60 0.00	21.57 -3.00 0.00	20.18 -3.08 0.00	21.76 -3.06 0.00	24.62 -3.45 1.50	25.68 -2.94 0.52	24.42 -2.85 0.00	20.15 -2.07 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	20.65 -1.35 0.00	19.54 -1.30 0.00	17.51 -1.21 0.00	17.42 -1.29 0.00	20.11 -1.45 0.00	21.24 -1.66 0.00	24.68 -2.10 0.00	25.20 -2.28 0.00	23.60 -2.21 0.00	20.73 -1.97 0.00	19.71 -2.00 0.00	16.65 -1.64 0.00	14.99 -1.51 0.00	16.98 -1.84 0.00	18.16 -2.18 0.00	20.64 -2.36 0.00	20.45 -2.04 0.00	22.24 -2.33 0.00	20.74 -2.52 0.00	22.38 -2.44 0.00	24.96 -2.60 2.00	26.25 -2.20 0.69	25.32 -1.95 0.00	20.72 -1.50 0.00
ARTHUR KILL_GT_1 23520	22.90 0.90 0.00	21.63 0.79 0.00	19.54 0.81 0.00	19.52 0.82 0.00	22.47 0.92 0.00	24.08 1.19 0.00	28.57 1.80 0.00	29.69 2.21 0.00	27.60 1.79 0.00	24.18 1.47 0.00	23.28 1.57 0.00	20.14 1.35 -0.50	21.21 1.17 -3.54	20.13 1.29 -0.02	22.20 1.48 -0.38	24.61 1.62 0.00	24.37 1.88 0.00	27.06 2.50 0.00	25.42 2.17 0.00	27.06 2.23 0.00	31.97 2.40 0.00	31.34 2.20 0.00	29.18 1.91 0.00	23.61 1.40 0.00
ARTHUR_KILL_2 23512	22.84 0.84 0.00	21.57 0.73 0.00	19.49 0.76 0.00	19.48 0.77 0.00	22.41 0.85 0.00	24.02 1.12 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.51 1.71 0.00	24.11 1.40 0.00	23.22 1.52 0.00	20.09 1.30 -0.50	21.17 1.13 -3.54	20.08 1.23 -0.02	22.14 1.42 -0.38	24.55 1.56 0.00	24.30 1.81 0.00	26.98 2.41 0.00	25.34 2.09 0.00	26.98 2.15 0.00	31.86 2.30 0.00	31.25 2.11 0.00	29.09 1.83 0.00	23.55 1.33 0.00
ARTHUR_KILL_3 23513	22.75 0.75 0.00	21.50 0.66 0.00	19.40 0.67 0.00	19.39 0.69 0.00	22.31 0.75 0.00	23.90 1.00 0.00	28.35 1.58 0.00	29.47 1.98 0.00	27.41 1.60 0.00	24.06 1.36 0.01	23.18 1.48 0.00	20.08 1.29 -0.50	21.18 1.13 -3.55	20.09 1.25 -0.02	22.13 1.41 -0.38	24.50 1.51 0.00	24.24 1.75 0.00	26.82 2.25 0.00	25.16 1.91 0.00	26.78 1.95 0.00	31.62 2.06 0.00	30.99 1.85 0.00	28.86 1.60 0.00	23.34 1.12 0.00



ARTHUR_KILL_COGEN 323718	22.90 0.90 0.00	21.63 0.79 0.00	19.54 0.81 0.00	19.52 0.82 0.00	22.47 0.92 0.00	24.08 1.19 0.00	28.57 1.80 0.00	29.69 2.21 0.00	27.60 1.79 0.00	24.18 1.47 0.00	23.28 1.57 0.00	20.14 1.35 -0.50	21.21 1.17 -3.54	20.13 1.29 -0.02	22.20 1.48 -0.38	24.61 1.62 0.00	24.37 1.88 0.00	27.06 2.50 0.00	25.42 2.17 0.00	27.06 2.23 0.00	31.97 2.40 0.00	31.34 2.20 0.00	29.18 1.91 0.00	23.61 1.40 0.00
ASHOKAN____ 23654	22.82 0.82 0.00	21.58 0.74 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.39 0.83 0.00	23.99 1.10 0.00	29.01 2.23 0.00	30.05 2.57 0.00	27.90 2.10 0.00	24.29 1.59 0.00	23.06 1.35 0.00	19.32 1.03 0.00	17.38 0.88 0.00	19.86 1.04 0.00	21.68 1.33 0.00	24.73 1.74 0.00	24.58 2.09 0.00	27.22 2.65 0.00	25.40 2.14 0.00	26.69 1.87 0.00	31.60 2.04 0.00	30.93 1.79 0.00	28.80 1.54 0.00	23.33 1.11 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.78 0.78 0.00	21.50 0.66 0.00	19.38 0.65 0.00	19.36 0.66 0.00	22.31 0.75 0.00	23.90 1.00 0.00	28.26 1.49 0.00	29.47 1.98 0.00	27.45 1.64 0.00	24.13 1.43 0.00	23.22 1.51 0.00	20.07 1.29 -0.50	21.16 1.12 -3.54	20.06 1.22 -0.02	22.10 1.38 -0.38	24.47 1.48 0.00	24.17 1.69 0.01	26.75 2.19 0.01	25.20 1.94 0.00	26.75 1.93 0.00	31.56 2.00 0.00	30.97 1.84 0.00	28.89 1.63 0.00	23.39 1.17 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.78 0.78 0.00	21.50 0.66 0.00	19.38 0.65 0.00	19.36 0.66 0.00	22.30 0.74 0.00	23.90 1.00 0.00	28.26 1.49 0.00	29.47 1.98 0.00	27.45 1.64 0.00	24.13 1.43 0.00	23.22 1.51 0.00	20.07 1.29 -0.50	21.16 1.12 -3.54	20.06 1.22 -0.02	22.10 1.38 -0.38	24.47 1.48 0.00	24.17 1.69 0.01	26.75 2.19 0.01	25.20 1.94 0.00	26.75 1.93 0.00	31.56 2.00 0.00	30.98 1.84 0.00	28.90 1.64 0.00	23.39 1.17 0.00
ASTORIA_GT2_1 24094	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT2_2 24095	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT2_3 24096	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT2_4 24097	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT3_1 24098	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT3_2 24099	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT3_3 24100	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT3_4 24101	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT4_1 24102	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT4_2 24103	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT4_3 24104	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00



ASTORIA_GT4_4 24105	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.91 1.01 0.00	28.27 1.49 0.00	29.47 1.99 0.00	27.46 1.66 0.00	24.13 1.43 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.71 0.00	26.77 2.21 0.00	25.20 1.95 0.00	26.77 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA_GT_1 23523	22.83 0.83 0.00	21.54 0.70 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.35 0.79 0.00	23.94 1.05 0.00	28.32 1.54 0.00	29.53 2.05 0.00	27.52 1.71 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.12 1.33 -0.50	21.20 1.16 -3.54	20.10 1.26 -0.02	22.15 1.43 -0.38	24.53 1.54 0.00	24.23 1.75 0.01	26.82 2.26 0.01	25.25 1.99 0.00	26.81 1.99 0.00	31.63 2.07 0.00	31.05 1.91 0.00	28.96 1.69 0.00	23.44 1.22 0.00
ASTORIA_GT_10 24110	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.96 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.05 0.00	31.72 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA_GT_11 24225	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.96 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.05 0.00	31.72 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA_GT_12 24226	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.96 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.05 0.00	31.72 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA_GT_13 24227	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.96 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.05 0.00	31.72 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA_GT_5 24106	22.83 0.83 0.00	21.54 0.70 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.35 0.79 0.00	23.94 1.05 0.00	28.32 1.54 0.00	29.53 2.05 0.00	27.52 1.71 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.12 1.33 -0.50	21.20 1.16 -3.54	20.10 1.26 -0.02	22.15 1.43 -0.38	24.53 1.54 0.00	24.23 1.75 0.01	26.82 2.26 0.01	25.25 1.99 0.00	26.82 1.99 0.00	31.63 2.07 0.00	31.05 1.91 0.00	28.96 1.70 0.00	23.44 1.22 0.00
ASTORIA_GT_7 24107	22.83 0.83 0.00	21.54 0.70 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.35 0.79 0.00	23.94 1.05 0.00	28.32 1.54 0.00	29.53 2.05 0.00	27.52 1.71 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.12 1.33 -0.50	21.20 1.16 -3.54	20.10 1.26 -0.02	22.15 1.43 -0.38	24.53 1.54 0.00	24.23 1.75 0.01	26.82 2.26 0.01	25.25 1.99 0.00	26.82 1.99 0.00	31.63 2.07 0.00	31.05 1.91 0.00	28.96 1.70 0.00	23.44 1.22 0.00
ASTORIA_GT_8 24108	22.83 0.83 0.00	21.54 0.70 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.35 0.78 0.00	23.95 1.05 0.00	28.32 1.54 0.00	29.53 2.05 0.00	27.52 1.71 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.11 1.32 -0.50	21.20 1.16 -3.54	20.10 1.26 -0.02	22.15 1.43 -0.38	24.53 1.54 0.00	24.24 1.75 0.00	26.83 2.26 0.00	25.25 1.99 0.00	26.82 1.99 0.00	31.63 2.07 0.00	31.05 1.91 0.00	28.96 1.70 0.00	23.44 1.22 0.00
ASTORIA___2 24149	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.90 1.01 0.00	28.27 1.50 0.00	29.48 1.99 0.00	27.46 1.66 0.00	24.13 1.44 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.70 0.01	26.77 2.21 0.01	25.20 1.95 0.00	26.76 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
ASTORIA___3 23516	22.82 0.82 0.00	21.56 0.73 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.14 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA___4 23517	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.96 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.05 0.00	31.72 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
ASTORIA___5 23518	22.82 0.82 0.00	21.56 0.73 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.14 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
AST_ENERGY_2_CC3 323677	22.84 0.84 0.00	21.57 0.73 0.00	19.44 0.72 0.00	19.45 0.75 0.00	22.38 0.82 0.00	23.97 1.08 0.00	28.43 1.66 0.00	29.56 2.08 0.00	27.51 1.70 0.00	24.16 1.46 0.00	23.27 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.16 1.32 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.31 1.82 0.00	26.88 2.31 0.00	25.22 1.97 0.00	26.84 2.02 0.00	31.69 2.13 0.00	31.07 1.94 0.00	28.95 1.69 0.00	23.41 1.19 0.00
AST_ENERGY_2_CC4 323678	22.84 0.84 0.00	21.57 0.73 0.00	19.44 0.72 0.00	19.45 0.75 0.00	22.38 0.82 0.00	23.97 1.08 0.00	28.43 1.66 0.00	29.56 2.08 0.00	27.51 1.70 0.00	24.16 1.46 0.00	23.27 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.16 1.32 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.31 1.82 0.00	26.88 2.31 0.00	25.22 1.97 0.00	26.84 2.02 0.00	31.69 2.13 0.00	31.07 1.94 0.00	28.95 1.69 0.00	23.41 1.19 0.00



ATHENS_STG_1 23668	22.45 0.46 0.00	21.24 0.40 0.00	19.11 0.38 0.00	19.10 0.40 0.00	22.03 0.47 0.00	23.49 0.60 0.00	27.65 0.88 0.00	28.61 1.13 0.00	26.66 0.85 0.00	23.42 0.72 0.00	22.43 0.73 0.00	18.99 0.61 -0.08	17.62 0.53 -0.58	19.42 0.59 0.00	21.11 0.71 -0.06	23.78 0.79 0.00	23.42 0.94 0.00	25.81 1.24 0.00	24.29 1.03 0.00	25.91 1.08 0.00	30.66 1.10 0.00	30.12 0.98 0.00	28.13 0.87 0.00	22.83 0.61 0.00
ATHENS_STG_2 23670	22.45 0.46 0.00	21.24 0.40 0.00	19.11 0.38 0.00	19.10 0.40 0.00	22.03 0.47 0.00	23.49 0.60 0.00	27.65 0.88 0.00	28.61 1.13 0.00	26.66 0.85 0.00	23.42 0.72 0.00	22.43 0.73 0.00	18.99 0.61 -0.08	17.62 0.53 -0.58	19.42 0.59 0.00	21.11 0.71 -0.06	23.78 0.79 0.00	23.42 0.94 0.00	25.81 1.24 0.00	24.29 1.03 0.00	25.91 1.08 0.00	30.66 1.10 0.00	30.12 0.98 0.00	28.13 0.87 0.00	22.83 0.61 0.00
ATHENS_STG_3 23677	22.45 0.46 0.00	21.24 0.40 0.00	19.11 0.38 0.00	19.10 0.40 0.00	22.03 0.47 0.00	23.49 0.60 0.00	27.65 0.88 0.00	28.61 1.13 0.00	26.66 0.85 0.00	23.42 0.72 0.00	22.43 0.73 0.00	18.99 0.61 -0.08	17.62 0.53 -0.58	19.42 0.59 0.00	21.11 0.71 -0.06	23.78 0.79 0.00	23.42 0.94 0.00	25.81 1.24 0.00	24.29 1.03 0.00	25.91 1.08 0.00	30.66 1.10 0.00	30.12 0.98 0.00	28.13 0.87 0.00	22.83 0.61 0.00
AUBURN___LFGE 323710	22.19 0.19 0.00	21.08 0.24 0.00	18.91 0.19 0.00	18.81 0.11 0.00	21.79 0.23 0.00	23.11 0.22 0.00	27.13 0.36 0.00	27.60 0.11 0.00	25.83 0.03 0.00	22.79 0.09 0.00	21.64 -0.07 0.00	18.26 -0.03 0.00	16.44 -0.06 0.00	18.68 -0.14 0.00	20.27 -0.08 0.00	23.02 0.03 0.00	22.61 0.12 0.00	24.98 0.41 0.00	23.55 0.29 0.00	25.04 0.22 0.00	29.75 0.19 0.00	29.33 0.20 0.00	27.25 -0.01 0.00	22.37 0.15 0.00
BABYLON_RES_REC 323704	23.32 1.33 0.00	22.00 1.17 0.00	19.71 0.98 0.00	19.61 0.91 0.00	22.61 1.05 0.00	24.35 1.45 0.00	28.99 2.21 0.00	30.28 2.79 0.00	28.18 2.38 0.00	24.70 2.00 0.00	23.74 2.03 0.00	20.42 1.63 -0.50	21.48 1.46 -3.52	20.39 1.55 -0.02	22.23 1.51 -0.37	24.65 1.66 0.00	24.51 2.02 0.00	26.89 2.33 0.00	25.18 1.92 0.00	27.04 2.21 0.00	32.04 2.47 0.00	31.77 2.63 0.00	29.57 2.31 0.00	23.96 1.74 0.00
BABYLON__69_KV_BK2 356345	23.54 1.55 0.00	22.20 1.36 0.00	19.90 1.17 0.00	19.80 1.10 0.00	22.84 1.28 0.00	24.61 1.71 0.00	29.31 2.53 0.00	30.62 3.14 0.00	28.53 2.72 0.00	24.98 2.28 0.00	23.99 2.29 0.00	20.64 1.85 -0.50	21.67 1.65 -3.52	20.60 1.75 -0.02	22.56 1.84 -0.37	25.06 2.07 0.00	24.98 2.49 0.00	27.52 2.95 0.00	25.74 2.48 0.00	27.58 2.76 0.00	32.64 3.08 0.00	32.16 3.02 0.00	29.89 2.62 0.00	24.22 2.00 0.00
BALL_HILL_WT_PWR 323825	20.71 -1.29 0.00	19.62 -1.22 0.00	17.55 -1.18 0.00	17.50 -1.20 0.00	20.24 -1.32 0.00	21.31 -1.58 0.00	24.74 -2.04 0.00	25.21 -2.27 0.00	23.58 -2.23 0.00	20.75 -1.95 0.00	19.85 -1.86 0.00	16.76 -1.53 0.00	15.17 -1.33 0.00	17.31 -1.51 0.00	18.48 -1.86 0.00	20.92 -2.07 0.00	20.68 -1.80 0.00	22.52 -2.05 0.00	21.06 -2.20 0.00	22.63 -2.20 0.00	25.25 -2.42 1.89	26.42 -2.06 0.65	25.31 -1.95 0.00	20.75 -1.47 0.00
BARON_WINDS___WT_PWR 323822	21.59 -0.41 0.00	20.35 -0.49 0.00	18.07 -0.66 0.00	17.97 -0.73 0.00	20.68 -0.88 0.00	22.05 -0.84 0.00	25.99 -0.79 0.00	26.75 -0.73 0.00	24.81 -1.00 0.00	21.76 -0.94 0.00	20.67 -1.04 0.00	17.35 -0.94 0.00	15.55 -0.95 0.00	17.69 -1.13 0.00	19.11 -1.24 0.00	21.67 -1.32 0.00	21.64 -0.84 0.00	23.99 -0.57 0.00	22.69 -0.57 0.00	24.03 -0.80 0.00	29.63 -1.30 -1.36	28.26 -1.35 -0.47	25.98 -1.29 0.00	21.22 -0.99 0.00
BARRETT_IC_1 23704	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_10 23701	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_11 23702	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_12 23703	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_2 23705	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_3 23706	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_4 23707	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00



BARRETT_IC_5 23708	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_6 23709	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_7 23710	23.03 1.03 0.00	21.74 0.90 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.88 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.98 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.24 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_8 23711	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT_IC_9 23700	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT___1 23545	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BARRETT___2 23546	23.02 1.03 0.00	21.74 0.91 0.00	19.54 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.13 1.24 0.00	28.65 1.87 0.00	29.85 2.37 0.00	27.77 1.97 0.00	24.38 1.68 0.00	23.47 1.76 0.00	20.24 1.45 -0.50	21.31 1.29 -3.52	20.24 1.40 -0.02	22.22 1.50 -0.37	24.64 1.65 0.00	24.46 1.97 0.00	26.89 2.33 0.00	25.24 1.99 0.00	27.00 2.18 0.00	31.92 2.36 0.00	31.38 2.25 0.00	29.26 1.99 -0.01	23.69 1.47 0.00
BATAVIA___115KV_TB1 55881	21.16 -0.84 0.00	20.09 -0.75 0.00	17.97 -0.76 0.00	17.93 -0.77 0.00	20.79 -0.78 0.00	21.88 -1.02 0.00	25.48 -1.30 0.00	25.97 -1.52 0.00	24.36 -1.45 0.00	21.30 -1.40 0.00	20.19 -1.51 0.00	17.03 -1.26 0.00	15.42 -1.08 0.00	17.67 -1.15 0.00	18.98 -1.36 0.00	21.63 -1.36 0.00	21.44 -1.04 0.00	23.37 -1.19 0.00	21.81 -1.45 0.00	23.40 -1.43 0.00	27.94 -1.62 0.00	27.84 -1.29 0.00	25.88 -1.39 0.00	21.25 -0.96 0.00
BAYONEEC___CTG1 323682	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG10 323750	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG2 323683	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG3 323684	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG4 323685	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG5 323686	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG6 323687	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00



BAYONEEC___CTG7 323688	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG8 323689	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BAYONEEC___CTG9 323749	22.85 0.85 0.00	21.58 0.75 0.00	19.46 0.74 0.00	19.46 0.76 0.00	22.40 0.84 0.00	23.99 1.10 0.00	28.45 1.68 0.00	29.59 2.11 0.00	27.53 1.73 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.33 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.90 2.34 0.00	25.25 1.99 0.00	26.86 2.04 0.00	31.72 2.15 0.00	31.08 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
BEACON___LESR 323632	22.42 0.42 0.00	21.23 0.40 0.00	19.13 0.40 0.00	19.13 0.43 0.00	22.03 0.47 0.00	23.47 0.58 0.00	27.67 0.90 0.00	28.62 1.13 0.00	26.64 0.84 0.00	23.37 0.67 0.00	22.30 0.59 0.00	18.77 0.48 0.00	16.92 0.42 0.00	19.33 0.51 0.00	21.02 0.68 0.00	23.84 0.85 0.00	23.47 0.98 0.00	25.92 1.35 0.00	24.36 1.10 0.00	25.99 1.16 0.00	30.70 1.14 0.00	30.10 0.96 0.00	28.08 0.82 0.00	22.78 0.56 0.00
BEAVER RIVER___HYD 24048	22.07 0.07 0.00	20.98 0.14 0.00	18.84 0.11 0.00	18.74 0.04 0.00	21.46 -0.10 0.00	22.58 -0.31 0.00	26.10 -0.68 0.00	26.86 -0.63 0.00	25.19 -0.62 0.00	21.94 -0.76 0.00	20.68 -1.03 0.00	18.04 -1.01 -0.75	15.83 -0.86 -0.19	20.10 -1.07 -2.35	21.78 -1.00 -2.43	23.35 -0.69 -1.05	22.83 -0.49 -0.84	26.27 -0.72 -2.42	23.84 -0.92 -1.51	26.53 -0.96 -2.67	29.78 -0.78 -1.00	29.93 -0.67 -1.47	26.60 -0.66 0.00	21.52 -0.69 0.00
BEEBEE_GT_13 23619	20.89 -1.11 0.00	19.82 -1.02 0.00	17.78 -0.95 0.00	17.74 -0.96 0.00	20.52 -1.04 0.00	21.62 -1.27 0.00	25.15 -1.63 0.00	25.60 -1.89 0.00	24.03 -1.78 0.00	21.14 -1.56 0.00	20.24 -1.47 0.00	17.09 -1.20 0.00	15.47 -1.03 0.00	17.69 -1.13 0.00	19.00 -1.35 0.00	21.52 -1.47 0.00	21.21 -1.28 0.00	23.10 -1.47 0.00	21.84 -1.42 0.00	23.61 -1.22 0.00	28.11 -1.45 0.00	27.88 -1.26 0.00	25.96 -1.31 0.00	21.28 -0.94 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.99 0.99 0.00	21.70 0.87 0.00	19.57 0.84 0.00	19.56 0.86 0.00	22.52 0.96 0.00	24.14 1.25 0.00	28.65 1.87 0.00	29.80 2.32 0.00	27.72 1.92 0.00	24.31 1.61 0.00	23.43 1.72 0.00	20.28 1.49 -0.50	21.34 1.30 -3.54	20.28 1.44 -0.02	22.35 1.62 -0.38	24.77 1.78 0.00	24.52 2.03 0.00	27.17 2.61 0.00	25.51 2.26 0.00	27.15 2.32 0.00	32.05 2.49 0.00	31.41 2.28 0.00	29.24 1.98 0.00	23.65 1.43 0.00
BETHLEHEM___GRP 23843	21.98 -0.02 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.91 0.21 0.00	21.91 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.33 0.34 0.00	22.96 0.47 0.00	25.29 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
BETHLEHEM___GS1 323560	21.98 -0.01 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.90 0.20 0.00	21.90 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.34 0.35 0.00	22.95 0.46 0.00	25.30 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
BETHLEHEM___GS2 323561	21.98 -0.01 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.90 0.20 0.00	21.90 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.34 0.35 0.00	22.95 0.46 0.00	25.30 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
BETHLEHEM___GS3 323562	21.98 -0.01 0.00	20.84 0.00 0.00	18.79 0.06 0.00	18.79 0.09 0.00	21.61 0.04 0.00	23.01 0.12 0.00	27.05 0.27 0.00	27.98 0.49 0.00	26.07 0.26 0.00	22.90 0.20 0.00	21.90 0.20 0.00	18.44 0.15 0.00	16.62 0.12 0.00	18.97 0.15 0.00	20.63 0.28 0.00	23.34 0.35 0.00	22.95 0.46 0.00	25.30 0.73 0.00	23.79 0.54 0.00	25.35 0.52 0.00	29.98 0.42 0.00	29.44 0.31 0.00	27.51 0.24 0.00	22.34 0.12 0.00
BETHLEHEM___STEEL 23779	20.68 -1.31 0.00	19.63 -1.21 0.00	17.54 -1.19 0.00	17.50 -1.20 0.00	20.25 -1.31 0.00	21.25 -1.65 0.00	24.62 -2.16 0.00	25.05 -2.43 0.00	23.49 -2.32 0.00	20.71 -1.99 0.00	19.78 -1.92 0.00	16.72 -1.56 0.00	15.15 -1.35 0.00	17.33 -1.49 0.00	18.47 -1.88 0.00	20.90 -2.09 0.00	20.63 -1.86 0.00	22.41 -2.15 0.00	20.96 -2.30 0.00	22.57 -2.26 0.00	27.09 -2.48 0.00	27.07 -2.07 0.00	25.24 -2.02 0.00	20.75 -1.47 0.00
BETHLHEM_115KV_TB1 79974	22.05 0.05 0.00	20.90 0.06 0.00	18.83 0.11 0.00	18.83 0.13 0.00	21.67 0.11 0.00	23.08 0.19 0.00	27.13 0.35 0.00	28.05 0.56 0.00	26.14 0.33 0.00	22.97 0.27 0.00	21.97 0.26 0.00	18.49 0.21 0.00	16.67 0.17 0.00	19.02 0.20 0.00	20.68 0.33 0.00	23.39 0.40 0.00	23.01 0.52 0.00	25.35 0.78 0.00	23.85 0.59 0.00	25.41 0.58 0.00	30.07 0.50 0.00	29.53 0.39 0.00	27.59 0.33 0.00	22.40 0.18 0.00
BETHPAGE_CC_5 323564	23.22 1.23 0.00	21.92 1.08 0.00	19.64 0.91 0.00	19.56 0.85 0.00	22.54 0.98 0.00	24.26 1.36 0.00	28.87 2.09 0.00	30.12 2.63 0.00	28.03 2.23 0.00	24.59 1.89 0.00	23.63 1.93 0.00	20.37 1.58 -0.50	21.42 1.41 -3.52	20.31 1.47 -0.02	22.26 1.54 -0.37	24.65 1.66 0.00	24.48 1.99 0.00	26.96 2.39 0.00	25.24 1.99 0.00	27.03 2.20 0.00	31.97 2.41 0.00	31.51 2.37 0.00	29.45 2.19 0.00	23.85 1.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	20.84 -1.16 0.00	19.77 -1.07 0.00	17.66 -1.07 0.00	17.62 -1.08 0.00	20.38 -1.18 0.00	21.40 -1.50 0.00	24.82 -1.95 0.00	25.26 -2.22 0.00	23.68 -2.13 0.00	20.87 -1.83 0.00	19.94 -1.77 0.00	16.85 -1.43 0.00	15.27 -1.23 0.00	17.46 -1.36 0.00	18.60 -1.75 0.00	21.05 -1.94 0.00	20.78 -1.71 0.00	22.61 -1.96 0.00	21.13 -2.13 0.00	22.73 -2.09 0.00	27.28 -2.28 0.00	27.25 -1.88 0.00	25.42 -1.84 0.00	20.89 -1.32 0.00



BINGHAMTON___COGEN 23790	21.97 -0.03 0.00	20.80 -0.04 0.00	18.64 -0.08 0.00	18.64 -0.07 0.00	21.49 -0.06 0.00	22.82 -0.07 0.00	26.74 -0.03 0.00	27.51 0.02 0.00	25.70 -0.10 0.00	22.60 -0.10 0.00	21.60 -0.11 0.00	18.21 -0.08 0.00	16.40 -0.10 0.00	18.69 -0.13 0.00	20.18 -0.16 0.00	22.84 -0.15 0.00	22.55 0.06 0.00	24.75 0.19 0.00	23.33 0.07 0.00	24.87 0.05 0.00	29.46 -0.10 0.00	28.99 -0.14 0.00	27.12 -0.14 0.00	22.12 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	21.31 -0.69 0.00	20.08 -0.75 0.00	17.86 -0.87 0.00	17.80 -0.90 0.00	20.57 -0.99 0.00	21.56 -1.34 0.00	25.30 -1.48 0.00	25.87 -1.61 0.00	23.99 -1.82 0.00	20.98 -1.73 0.00	20.11 -1.60 0.00	16.94 -1.35 0.00	15.25 -1.25 0.00	17.38 -1.44 0.00	18.47 -1.87 0.00	21.01 -1.99 0.00	20.88 -1.61 0.00	22.86 -1.70 0.00	21.17 -2.09 0.00	22.57 -2.26 0.00	27.20 -2.36 0.00	27.36 -1.77 0.00	25.78 -1.48 0.00	21.18 -1.03 0.00
BLACK RIVER___HYD 24047	21.99 -0.01 0.00	20.92 0.08 0.00	18.78 0.06 0.00	18.67 -0.03 0.00	21.39 -0.17 0.00	22.50 -0.39 0.00	25.98 -0.79 0.00	26.72 -0.76 0.00	25.04 -0.77 0.00	21.80 -0.90 0.00	20.40 -1.31 0.00	17.56 -1.26 -0.53	15.52 -1.11 -0.13	19.17 -1.30 -1.65	20.92 -1.14 -1.71	22.97 -0.76 -0.74	22.59 -0.49 -0.59	25.55 -0.72 -1.70	23.36 -0.96 -1.06	25.72 -0.97 -1.87	29.36 -0.90 -0.70	29.37 -0.80 -1.03	26.41 -0.86 0.00	21.33 -0.88 0.00
BLACKRVR_115KV_TB2 79977	21.99 -0.01 0.00	20.92 0.08 0.00	18.78 0.06 0.00	18.67 -0.03 0.00	21.39 -0.17 0.00	22.50 -0.39 0.00	25.98 -0.79 0.00	26.72 -0.76 0.00	25.04 -0.77 0.00	21.80 -0.90 0.00	20.40 -1.31 0.00	17.56 -1.26 -0.53	15.52 -1.11 -0.13	19.17 -1.30 -1.65	20.91 -1.14 -1.71	22.96 -0.76 -0.74	22.59 -0.49 -0.59	25.55 -0.72 -1.70	23.36 -0.96 -1.06	25.72 -0.97 -1.87	29.36 -0.90 -0.70	29.37 -0.80 -1.03	26.41 -0.86 0.00	21.34 -0.88 0.00
BLISS_WT_PWR 323608	21.29 -0.71 0.00	20.02 -0.82 0.00	17.78 -0.95 0.00	17.70 -1.01 0.00	20.45 -1.11 0.00	21.42 -1.48 0.00	25.19 -1.58 0.00	25.79 -1.69 0.00	23.83 -1.98 0.00	20.81 -1.89 0.00	19.96 -1.75 0.00	16.79 -1.50 0.00	15.10 -1.40 0.00	17.19 -1.63 0.00	18.26 -2.09 0.00	20.78 -2.21 0.00	20.71 -1.78 0.00	22.71 -1.86 0.00	20.96 -2.30 0.00	22.31 -2.52 0.00	24.90 -2.61 2.05	26.48 -1.95 0.71	25.69 -1.58 0.00	21.11 -1.11 0.00
BLUESTONE___WT_PWR 323821	22.47 0.48 0.00	21.54 0.70 0.00	19.32 0.59 0.00	19.52 0.82 0.00	22.53 0.97 0.00	23.76 0.86 0.00	27.59 0.81 0.00	28.23 0.74 0.00	26.45 0.64 0.00	23.48 0.78 0.00	22.41 0.71 0.00	18.79 0.50 0.00	16.88 0.38 0.00	19.07 0.25 0.00	20.59 0.24 0.00	23.39 0.39 0.00	23.06 0.57 0.00	25.12 0.56 0.00	23.58 0.33 0.00	24.99 0.16 0.00	30.06 0.08 -0.42	29.20 -0.08 -0.14	27.26 0.00 0.00	22.41 0.19 0.00
BLUE_CIRC_CHEM_DRP 24182	22.34 0.34 0.00	21.18 0.34 0.00	19.06 0.33 0.00	19.06 0.36 0.00	21.96 0.40 0.00	23.38 0.49 0.00	27.46 0.69 0.00	28.36 0.88 0.00	26.44 0.63 0.00	23.22 0.52 0.00	22.18 0.48 0.00	18.67 0.38 0.00	16.83 0.33 0.00	19.21 0.39 0.00	20.88 0.53 0.00	23.63 0.64 0.00	23.25 0.77 0.00	25.58 1.02 0.00	24.08 0.83 0.00	25.67 0.84 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.91 0.64 0.00	22.67 0.45 0.00
BOC_GAS_DRP 24189	22.22 0.23 0.00	21.05 0.21 0.00	18.94 0.21 0.00	18.94 0.23 0.00	21.82 0.27 0.00	23.24 0.35 0.00	27.31 0.53 0.00	28.22 0.73 0.00	26.32 0.51 0.00	23.13 0.43 0.00	22.13 0.42 0.00	18.63 0.34 0.00	16.80 0.29 0.00	19.15 0.33 0.00	20.80 0.45 0.00	23.50 0.51 0.00	23.12 0.63 0.00	25.45 0.88 0.00	23.95 0.70 0.00	25.54 0.71 0.00	30.24 0.68 0.00	29.72 0.58 0.00	27.78 0.52 0.00	22.56 0.34 0.00
BOONVILLE_115KV_TB1 79983	22.40 0.41 0.00	21.24 0.40 0.00	19.09 0.36 0.00	19.03 0.33 0.00	21.89 0.33 0.00	23.18 0.28 0.00	27.05 0.27 0.00	27.93 0.44 0.00	26.15 0.35 0.00	22.84 0.14 0.00	21.72 0.01 0.00	18.50 -0.09 -0.30	16.48 -0.10 -0.07	19.56 -0.18 -0.93	21.20 -0.11 -0.96	23.53 0.13 -0.42	23.19 0.37 -0.33	25.91 0.38 -0.96	24.05 0.20 -0.59	26.05 0.17 -1.05	30.27 0.31 -0.39	30.00 0.28 -0.58	27.47 0.21 0.00	22.28 0.06 0.00
BORALEX_4TH_BRANCH 23824	22.77 0.77 0.00	21.55 0.72 0.00	19.40 0.67 0.00	19.43 0.73 0.00	22.47 0.91 0.00	23.90 1.01 0.00	28.09 1.31 0.00	29.17 1.68 0.00	27.04 1.23 0.00	23.68 0.98 0.00	22.59 0.88 0.00	19.05 0.70 -0.07	17.61 0.62 -0.49	19.54 0.72 0.00	21.38 0.98 -0.05	24.18 1.19 0.00	23.67 1.18 0.00	26.14 1.58 0.00	24.57 1.31 0.00	26.20 1.37 0.00	31.11 1.55 0.00	30.48 1.35 0.00	28.46 1.20 0.00	23.04 0.82 0.00
BOWLINE___1 23526	22.75 0.75 0.00	21.50 0.67 0.00	19.37 0.64 0.00	19.36 0.66 0.00	22.32 0.76 0.00	23.90 1.00 0.00	28.28 1.51 0.00	29.36 1.88 0.00	27.31 1.51 0.00	23.95 1.25 0.00	23.02 1.31 0.00	18.67 1.12 0.74	12.25 0.96 5.21	19.83 1.04 0.03	20.96 1.17 0.56	24.25 1.26 0.00	24.00 1.51 0.00	26.54 1.97 0.00	24.94 1.68 0.00	26.56 1.73 0.00	31.35 1.79 0.00	30.76 1.62 0.00	28.71 1.45 0.00	23.25 1.03 0.00
BOWLINE___2 23595	22.75 0.75 0.00	21.50 0.67 0.00	19.37 0.64 0.00	19.36 0.66 0.00	22.32 0.76 0.00	23.90 1.00 0.00	28.28 1.51 0.00	29.36 1.88 0.00	27.31 1.51 0.00	23.95 1.25 0.00	23.02 1.31 0.00	18.68 1.12 0.73	12.34 0.96 5.12	19.83 1.04 0.03	20.97 1.17 0.55	24.25 1.26 0.00	24.00 1.51 0.00	26.54 1.97 0.00	24.94 1.68 0.00	26.56 1.73 0.00	31.35 1.79 0.00	30.76 1.62 0.00	28.71 1.45 0.00	23.25 1.03 0.00
BRADY___115KV_TB2 356060	22.72 0.72 0.00	21.55 0.71 0.00	19.35 0.62 0.00	19.28 0.58 0.00	22.21 0.65 0.00	23.48 0.59 0.00	27.21 0.43 0.00	27.69 0.21 0.00	26.16 0.36 0.00	23.07 0.37 0.00	21.98 0.27 0.00	19.40 0.23 -0.89	17.00 0.28 -0.22	21.97 0.38 -2.77	23.55 0.33 -2.87	24.62 0.39 -1.24	23.48 0.00 -0.99	27.17 -0.26 -2.86	24.95 -0.09 -1.78	28.03 0.04 -3.16	31.15 0.41 -1.18	31.47 0.59 -1.75	27.94 0.68 0.00	22.72 0.50 0.00
BRANSCOMB___SOLAR 323811	22.52 0.52 0.00	21.30 0.46 0.00	19.16 0.43 0.00	19.16 0.46 0.00	22.17 0.61 0.00	23.66 0.77 0.00	27.87 1.10 0.00	28.89 1.41 0.00	26.85 1.04 0.00	23.57 0.87 0.00	22.47 0.76 0.00	18.87 0.58 0.00	17.00 0.50 0.00	19.44 0.62 0.00	21.16 0.81 0.00	23.98 0.99 0.00	23.65 1.16 0.00	26.07 1.50 0.00	24.53 1.27 0.00	26.13 1.31 0.00	30.88 1.32 0.00	30.28 1.14 0.00	28.22 0.95 0.00	22.86 0.65 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.44 1.44 0.00	22.13 1.29 0.00	19.83 1.11 0.00	19.73 1.03 0.00	22.76 1.20 0.00	24.51 1.61 0.00	29.19 2.41 0.00	30.49 3.01 0.00	28.41 2.60 0.00	24.88 2.18 0.00	23.93 2.22 0.00	20.57 1.79 -0.50	21.62 1.60 -3.52	20.54 1.70 -0.02	22.51 1.79 -0.37	25.00 2.01 0.00	24.92 2.43 0.00	27.45 2.88 0.00	25.64 2.39 0.00	27.47 2.65 0.00	32.50 2.94 0.00	32.00 2.86 0.00	29.74 2.48 0.00	24.13 1.91 0.00



BRISTLHL_115KV_TB1 79998	21.45 -0.55 0.00	20.31 -0.53 0.00	18.23 -0.50 0.00	18.21 -0.49 0.00	21.00 -0.56 0.00	22.26 -0.64 0.00	25.96 -0.82 0.00	26.52 -0.97 0.00	24.84 -0.97 0.00	21.88 -0.82 0.00	20.89 -0.82 0.00	17.60 -0.69 0.00	15.87 -0.63 0.00	18.11 -0.71 0.00	19.58 -0.77 0.00	22.18 -0.82 0.00	21.85 -0.64 0.00	23.91 -0.65 0.00	22.58 -0.68 0.00	24.21 -0.62 0.00	28.69 -0.88 0.00	28.25 -0.89 0.00	26.42 -0.85 0.00	21.63 -0.59 0.00
BROOKHAVEN___DRP 24191	23.21 1.21 0.00	21.89 1.05 0.00	19.66 0.93 0.00	19.56 0.86 0.00	22.57 1.01 0.00	24.27 1.38 0.00	28.98 2.21 0.00	30.28 2.80 0.00	28.46 2.65 0.00	24.88 2.18 0.00	23.89 2.19 0.00	20.53 1.74 -0.50	21.56 1.55 -3.52	20.30 1.45 -0.02	22.24 1.51 -0.37	24.69 1.70 0.00	24.66 2.17 0.00	27.12 2.55 0.00	25.36 2.11 0.00	27.25 2.42 0.00	32.31 2.75 0.00	31.77 2.63 0.00	29.38 2.12 0.00	23.96 1.74 0.00
BROOKLYN_NAVY_YARD 23515	22.84 0.85 0.00	21.58 0.74 0.00	19.46 0.73 0.00	19.45 0.75 0.00	22.39 0.83 0.00	23.98 1.09 0.00	28.45 1.67 0.00	29.59 2.10 0.00	27.53 1.72 0.00	24.20 1.50 0.00	23.31 1.60 0.00	20.19 1.40 -0.50	21.27 1.22 -3.55	20.19 1.35 -0.02	22.24 1.51 -0.38	24.61 1.62 0.00	24.34 1.85 0.00	26.92 2.36 0.00	25.28 2.02 0.00	26.89 2.07 0.00	31.74 2.18 0.00	31.10 1.96 0.00	28.97 1.71 0.00	23.43 1.21 0.00
BROOKLYN___ARMY_DRP 323595	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
BROOKVLE_69_KV_TB1 55790	23.16 1.16 0.00	21.86 1.02 0.00	19.64 0.91 0.00	19.59 0.89 0.00	22.59 1.03 0.00	24.26 1.37 0.00	28.82 2.04 0.00	30.02 2.54 0.00	27.94 2.13 0.00	24.50 1.80 0.00	23.56 1.85 0.00	20.34 1.55 -0.50	21.39 1.38 -3.52	20.35 1.51 -0.02	22.36 1.63 -0.37	24.78 1.79 0.00	24.54 2.05 0.00	27.08 2.52 0.00	25.39 2.13 0.00	27.10 2.27 0.00	32.06 2.50 0.00	31.49 2.35 0.00	29.35 2.09 0.00	23.76 1.54 0.00
BROOME_2_LFGE 323671	21.97 -0.03 0.00	20.80 -0.04 0.00	18.64 -0.08 0.00	18.64 -0.07 0.00	21.49 -0.06 0.00	22.82 -0.07 0.00	26.74 -0.03 0.00	27.50 0.02 0.00	25.71 -0.10 0.00	22.60 -0.10 0.00	21.60 -0.11 0.00	18.20 -0.09 0.00	16.40 -0.10 0.00	18.69 -0.13 0.00	20.18 -0.16 0.00	22.84 -0.15 0.00	22.55 0.07 0.00	24.75 0.19 0.00	23.33 0.07 0.00	24.87 0.04 0.00	30.03 -0.10 -0.57	29.19 -0.14 -0.20	27.12 -0.14 0.00	22.12 -0.10 0.00
BROOME___LFGE 323600	21.97 -0.03 0.00	20.80 -0.04 0.00	18.64 -0.08 0.00	18.64 -0.07 0.00	21.49 -0.06 0.00	22.82 -0.07 0.00	26.74 -0.03 0.00	27.50 0.02 0.00	25.71 -0.10 0.00	22.60 -0.10 0.00	21.60 -0.11 0.00	18.20 -0.09 0.00	16.40 -0.10 0.00	18.69 -0.13 0.00	20.18 -0.16 0.00	22.84 -0.15 0.00	22.55 0.07 0.00	24.75 0.19 0.00	23.33 0.07 0.00	24.87 0.04 0.00	30.03 -0.10 -0.57	29.19 -0.14 -0.20	27.12 -0.14 0.00	22.12 -0.10 0.00
BROWNFLS_115KV_TB_3_5 80003	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	23.15 1.15 0.00	21.86 1.03 0.00	19.70 0.97 0.00	19.69 0.99 0.00	22.67 1.11 0.00	24.29 1.40 0.00	28.83 2.05 0.00	30.00 2.52 0.00	27.92 2.11 0.00	24.50 1.80 0.00	23.53 1.82 0.00	20.38 1.58 -0.50	21.44 1.39 -3.55	20.38 1.54 -0.02	22.45 1.72 -0.38	24.85 1.86 0.00	24.59 2.10 0.00	27.20 2.63 0.00	25.52 2.26 0.00	27.17 2.35 0.00	32.07 2.51 0.00	31.42 2.29 0.00	29.27 2.01 0.00	23.66 1.44 0.00
BURROWS___LYONSDAL 23803	22.32 0.33 0.00	21.18 0.35 0.00	19.03 0.30 0.00	18.96 0.26 0.00	21.78 0.22 0.00	23.02 0.13 0.00	26.80 0.02 0.00	27.65 0.17 0.00	25.90 0.09 0.00	22.59 -0.11 0.00	21.43 -0.27 0.00	18.34 -0.34 -0.39	16.29 -0.30 -0.10	19.59 -0.43 -1.20	21.22 -0.37 -1.25	23.43 -0.10 -0.54	23.07 0.15 -0.43	25.91 0.10 -1.24	23.92 -0.10 -0.77	26.05 -0.15 -1.37	30.09 0.02 -0.51	29.90 0.01 -0.76	27.22 -0.05 0.00	22.06 -0.16 0.00
CAITHNESS_CC_1 323624	23.21 1.22 0.00	21.90 1.06 0.00	19.66 0.93 0.00	19.56 0.86 0.00	22.56 1.01 0.00	24.28 1.39 0.00	28.96 2.19 0.00	30.25 2.76 0.00	28.36 2.56 0.00	24.82 2.11 0.00	23.85 2.14 0.00	20.49 1.71 -0.50	21.53 1.51 -3.52	20.31 1.47 -0.02	22.25 1.53 -0.37	24.70 1.70 0.00	24.65 2.16 0.00	27.12 2.55 0.00	25.36 2.11 0.00	27.22 2.40 0.00	32.25 2.69 0.00	31.73 2.59 0.00	29.40 2.14 0.00	23.94 1.72 0.00
CALPINE BETH_PAGE_GT4 24209	23.17 1.17 0.00	21.86 1.03 0.00	19.59 0.86 0.00	19.51 0.80 0.00	22.49 0.93 0.00	24.20 1.31 0.00	28.78 2.01 0.00	30.03 2.54 0.00	27.95 2.14 0.00	24.52 1.82 0.00	23.57 1.86 0.00	20.32 1.53 -0.50	21.37 1.36 -3.52	20.28 1.44 -0.02	22.24 1.51 -0.37	24.59 1.59 0.00	24.43 1.95 0.00	26.91 2.35 0.00	25.21 1.95 0.00	26.98 2.16 0.00	31.90 2.34 0.00	31.41 2.28 0.00	29.38 2.12 0.00	23.79 1.57 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.17 1.17 0.00	21.86 1.03 0.00	19.59 0.86 0.00	19.51 0.81 0.00	22.49 0.93 0.00	24.20 1.30 0.00	28.79 2.01 0.00	30.02 2.54 0.00	27.94 2.14 0.00	24.52 1.82 0.00	23.57 1.86 0.00	20.31 1.52 -0.50	21.37 1.36 -3.52	20.28 1.44 -0.02	22.23 1.51 -0.37	24.59 1.60 0.00	24.43 1.94 0.00	26.91 2.35 0.00	25.21 1.95 0.00	26.98 2.15 0.00	31.90 2.33 0.00	31.41 2.28 0.00	29.38 2.12 0.00	23.79 1.57 0.00
CALPINE_BP_GT1 23823	23.17 1.17 0.00	21.86 1.03 0.00	19.59 0.86 0.00	19.51 0.81 0.00	22.49 0.93 0.00	24.20 1.30 0.00	28.79 2.01 0.00	30.02 2.54 0.00	27.94 2.14 0.00	24.52 1.82 0.00	23.57 1.86 0.00	20.31 1.52 -0.50	21.37 1.36 -3.52	20.28 1.44 -0.02	22.23 1.51 -0.37	24.59 1.60 0.00	24.43 1.94 0.00	26.91 2.35 0.00	25.21 1.95 0.00	26.98 2.15 0.00	31.90 2.33 0.00	31.41 2.28 0.00	29.38 2.12 0.00	23.79 1.57 0.00
CALSPAN___DRP 24200	20.68 -1.31 0.00	19.63 -1.21 0.00	17.54 -1.19 0.00	17.50 -1.20 0.00	20.25 -1.31 0.00	21.25 -1.65 0.00	24.62 -2.16 0.00	25.05 -2.43 0.00	23.49 -2.32 0.00	20.71 -1.99 0.00	19.78 -1.92 0.00	16.72 -1.56 0.00	15.15 -1.35 0.00	17.33 -1.49 0.00	18.47 -1.88 0.00	20.90 -2.09 0.00	20.63 -1.86 0.00	22.41 -2.15 0.00	20.96 -2.30 0.00	22.57 -2.26 0.00	27.09 -2.48 0.00	27.07 -2.07 0.00	25.24 -2.02 0.00	20.75 -1.47 0.00



CALVERTON___SOLAR 323806	23.22 1.23 0.00	21.90 1.06 0.00	19.68 0.95 0.00	19.58 0.88 0.00	22.59 1.04 0.00	24.30 1.40 0.00	29.05 2.27 0.00	30.36 2.88 0.00	28.56 2.76 0.00	24.95 2.25 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.30 1.46 -0.02	22.24 1.51 -0.37	24.71 1.72 0.00	24.70 2.21 0.00	27.16 2.59 0.00	25.41 2.15 0.00	27.31 2.48 0.00	32.37 2.81 0.00	31.84 2.70 0.00	29.41 2.14 0.00	23.99 1.77 0.00
CANDIGU_WT_PWR 323617	21.59 -0.41 0.00	20.35 -0.49 0.00	18.07 -0.66 0.00	17.97 -0.73 0.00	20.68 -0.88 0.00	22.05 -0.84 0.00	25.99 -0.79 0.00	26.75 -0.73 0.00	24.81 -1.00 0.00	21.76 -0.94 0.00	20.67 -1.04 0.00	17.35 -0.94 0.00	15.55 -0.95 0.00	17.69 -1.13 0.00	19.11 -1.24 0.00	21.67 -1.32 0.00	21.64 -0.84 0.00	23.99 -0.57 0.00	22.69 -0.57 0.00	24.03 -0.80 0.00	29.63 -1.30 -1.36	28.26 -1.35 -0.47	25.98 -1.29 0.00	21.22 -0.99 0.00
CARR STREET_E_SYR 24060	21.63 -0.36 0.00	20.49 -0.34 0.00	18.40 -0.33 0.00	18.37 -0.33 0.00	21.19 -0.37 0.00	22.42 -0.47 0.00	26.17 -0.61 0.00	26.71 -0.77 0.00	25.02 -0.79 0.00	22.03 -0.67 0.00	21.06 -0.65 0.00	17.75 -0.54 0.00	16.00 -0.50 0.00	18.25 -0.57 0.00	19.73 -0.61 0.00	22.31 -0.68 0.00	21.92 -0.57 0.00	24.01 -0.56 0.00	22.67 -0.58 0.00	24.31 -0.51 0.00	28.81 -0.75 0.00	28.37 -0.77 0.00	26.61 -0.65 0.00	21.79 -0.43 0.00
CARTHAGE___PAPER 23857	22.22 0.22 0.00	21.13 0.29 0.00	18.97 0.24 0.00	18.86 0.16 0.00	21.61 0.05 0.00	22.74 -0.15 0.00	26.28 -0.49 0.00	27.04 -0.44 0.00	25.36 -0.44 0.00	22.06 -0.64 0.00	20.70 -1.01 0.00	17.90 -1.01 -0.62	15.78 -0.87 -0.15	19.69 -1.05 -1.92	21.41 -0.92 -1.99	23.33 -0.52 -0.86	22.88 -0.29 -0.69	26.03 -0.52 -1.98	23.74 -0.75 -1.23	26.23 -0.77 -2.18	29.78 -0.59 -0.81	29.84 -0.50 -1.20	26.74 -0.52 0.00	21.61 -0.61 0.00
CASSADAGA_WT_PWR 323784	20.95 -1.05 0.00	19.82 -1.01 0.00	17.75 -0.98 0.00	17.69 -1.02 0.00	20.43 -1.13 0.00	21.58 -1.32 0.00	25.08 -1.70 0.00	25.67 -1.81 0.00	24.01 -1.79 0.00	21.09 -1.61 0.00	20.00 -1.70 0.00	16.89 -1.40 0.00	15.14 -1.36 0.00	17.03 -1.79 0.00	18.25 -2.10 0.00	20.80 -2.19 0.00	20.61 -1.88 0.00	22.37 -2.20 0.00	20.81 -2.45 0.00	22.47 -2.35 0.00	25.14 -2.40 2.03	26.38 -2.06 0.70	25.53 -1.73 0.00	20.91 -1.31 0.00
CE_DUNWOOD___DRP 24194	22.84 0.85 0.00	21.59 0.75 0.00	19.45 0.72 0.00	19.44 0.74 0.00	22.40 0.84 0.00	23.98 1.08 0.00	28.40 1.62 0.00	29.51 2.02 0.00	27.45 1.64 0.00	24.09 1.39 0.00	23.16 1.46 0.00	20.07 1.24 -0.54	21.40 1.08 -3.82	20.04 1.20 -0.02	22.10 1.34 -0.41	24.44 1.45 0.00	24.18 1.69 0.00	26.73 2.16 0.00	25.10 1.85 0.00	26.72 1.89 0.00	31.54 1.98 0.00	30.94 1.80 0.00	28.86 1.60 0.00	23.36 1.14 0.00
CE_MILLWOOD___DRP 24193	22.81 0.81 0.00	21.56 0.73 0.00	19.43 0.70 0.00	19.42 0.72 0.00	22.38 0.81 0.00	23.95 1.06 0.00	28.36 1.58 0.00	29.46 1.98 0.00	27.41 1.60 0.00	24.05 1.35 0.00	23.12 1.41 0.00	20.07 1.20 -0.58	21.61 1.05 -4.07	19.99 1.14 -0.03	22.07 1.29 -0.43	24.39 1.39 0.00	24.12 1.64 0.00	26.67 2.10 0.00	25.05 1.80 0.00	26.66 1.84 0.00	31.47 1.91 0.00	30.87 1.74 0.00	28.81 1.54 0.00	23.32 1.10 0.00
CE_NYC2_DRP 24202	22.85 0.85 0.00	21.58 0.74 0.00	19.46 0.73 0.00	19.45 0.75 0.00	22.39 0.83 0.00	23.98 1.09 0.00	28.43 1.66 0.00	29.60 2.12 0.00	27.55 1.74 0.00	24.16 1.46 0.00	23.29 1.58 0.00	20.18 1.39 -0.50	21.26 1.22 -3.54	20.19 1.35 -0.02	22.22 1.50 -0.38	24.60 1.60 0.00	24.34 1.86 0.00	26.94 2.37 0.00	25.28 2.03 0.00	26.89 2.07 0.00	31.74 2.18 0.00	31.11 1.97 0.00	28.98 1.72 0.00	23.44 1.22 0.00
CE_NYC_DRP 24195	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.48 0.78 0.00	22.42 0.87 0.00	24.02 1.12 0.00	28.48 1.71 0.00	29.63 2.15 0.00	27.57 1.76 0.00	24.22 1.52 0.00	23.31 1.61 0.00	20.19 1.40 -0.50	21.28 1.23 -3.55	20.20 1.36 -0.02	22.24 1.52 -0.38	24.62 1.63 0.00	24.36 1.87 0.00	26.94 2.37 0.00	25.28 2.02 0.00	26.90 2.07 0.00	31.75 2.18 0.00	31.12 1.98 0.00	28.99 1.73 0.00	23.44 1.22 0.00
CHAFFEE___LFGE 323603	20.75 -1.25 0.00	19.70 -1.14 0.00	17.60 -1.13 0.00	17.56 -1.14 0.00	20.31 -1.24 0.00	21.34 -1.55 0.00	24.74 -2.04 0.00	25.22 -2.26 0.00	23.65 -2.16 0.00	20.86 -1.84 0.00	19.93 -1.77 0.00	16.82 -1.47 0.00	15.23 -1.27 0.00	17.43 -1.39 0.00	18.58 -1.77 0.00	21.00 -1.99 0.00	20.76 -1.73 0.00	22.58 -1.98 0.00	21.12 -2.13 0.00	22.73 -2.10 0.00	25.36 -2.32 1.89	26.55 -1.93 0.65	25.36 -1.91 0.00	20.83 -1.39 0.00
CHATEAUG_35_KV_LOAD 355732	22.68 0.68 0.00	21.59 0.75 0.00	19.40 0.67 0.00	19.07 0.37 0.00	22.05 0.49 0.00	23.30 0.41 0.00	27.12 0.35 0.00	27.48 0.00 0.00	26.02 0.21 0.00	22.70 0.00 0.00	21.38 -0.33 0.00	4.26 -0.46 13.56	12.78 -0.37 3.35	-23.85 -0.45 42.22	-23.97 -0.57 43.75	3.41 -0.67 18.91	6.47 -0.90 15.12	-20.27 -1.20 43.64	-4.86 -0.99 27.13	-24.26 -0.91 48.18	10.82 -0.74 17.99	1.84 -0.67 26.63	26.97 -0.30 0.00	21.99 -0.23 0.00
CHATEAUG_WT_PWR 323614	22.63 0.63 0.00	21.53 0.69 0.00	19.36 0.63 0.00	19.02 0.31 0.00	21.98 0.42 0.00	23.23 0.34 0.00	27.07 0.29 0.00	27.39 -0.09 0.00	25.91 0.10 0.00	22.58 -0.11 0.00	21.23 -0.48 0.00	5.08 -0.60 12.61	12.91 -0.48 3.12	-21.05 -0.61 39.27	-21.09 -0.76 40.68	4.53 -0.88 17.59	7.38 -1.05 14.06	-17.40 -1.38 40.58	-3.12 -1.14 25.23	-21.08 -1.10 44.80	11.87 -0.96 16.73	3.52 -0.86 24.76	26.81 -0.45 0.00	21.89 -0.33 0.00
CHAT_HIGH_FALL_HYD 323578	22.68 0.68 0.00	21.59 0.75 0.00	19.40 0.67 0.00	19.06 0.36 0.00	22.05 0.49 0.00	23.30 0.40 0.00	27.13 0.35 0.00	27.48 0.00 0.00	26.02 0.22 0.00	22.70 0.00 0.00	21.38 -0.33 0.00	4.26 -0.46 13.56	12.78 -0.37 3.35	-23.86 -0.45 42.22	-23.97 -0.57 43.75	3.41 -0.67 18.91	6.47 -0.90 15.12	-20.27 -1.20 43.64	-4.86 -0.99 27.13	-24.26 -0.91 48.18	10.83 -0.74 17.99	1.84 -0.67 26.63	26.97 -0.30 0.00	21.99 -0.23 0.00
CHAUTAUQUA___LFGE 323629	20.77 -1.23 0.00	19.67 -1.17 0.00	17.60 -1.13 0.00	17.54 -1.16 0.00	20.26 -1.30 0.00	21.37 -1.52 0.00	24.83 -1.95 0.00	25.36 -2.13 0.00	23.73 -2.08 0.00	20.87 -1.83 0.00	19.88 -1.82 0.00	16.81 -1.48 0.00	15.17 -1.33 0.00	17.27 -1.55 0.00	18.45 -1.90 0.00	20.91 -2.08 0.00	20.71 -1.78 0.00	22.55 -2.02 0.00	21.07 -2.19 0.00	22.68 -2.15 0.00	25.27 -2.34 1.95	26.49 -1.97 0.67	25.43 -1.83 0.00	20.83 -1.39 0.00
CHERRYST_13_KV_LD 356241	22.93 0.93 0.00	21.66 0.82 0.00	19.53 0.80 0.00	19.53 0.83 0.00	22.48 0.92 0.00	24.08 1.19 0.00	28.56 1.79 0.00	29.72 2.23 0.00	27.67 1.86 0.00	24.30 1.60 0.00	23.39 1.69 0.00	20.26 1.46 -0.50	21.34 1.29 -3.55	20.27 1.43 -0.02	22.31 1.59 -0.38	24.70 1.71 0.00	24.44 1.96 0.00	27.03 2.46 0.00	25.35 2.10 0.00	26.98 2.15 0.00	31.84 2.27 0.00	31.20 2.06 0.00	29.07 1.80 0.00	23.50 1.28 0.00



CHESTROR_138KV_BK263 355645	22.67 0.67 0.00	21.42 0.59 0.00	19.29 0.56 0.00	19.28 0.58 0.00	22.23 0.67 0.00	23.77 0.88 0.00	28.09 1.31 0.00	29.15 1.67 0.00	27.13 1.33 0.00	23.77 1.07 0.00	22.82 1.12 0.00	18.73 0.94 0.50	13.77 0.81 3.54	19.69 0.89 0.02	20.98 1.01 0.38	24.10 1.11 0.00	23.83 1.34 0.00	26.32 1.75 0.00	24.75 1.49 0.00	26.38 1.55 0.00	31.17 1.61 0.00	30.59 1.45 0.00	28.59 1.33 0.00	23.16 0.95 0.00
CH_MIDHUDSON___DRP 24192	22.82 0.82 0.00	21.56 0.72 0.00	19.40 0.67 0.00	19.40 0.70 0.00	22.38 0.81 0.00	23.92 1.03 0.00	28.28 1.50 0.00	29.43 1.95 0.00	27.38 1.57 0.00	24.02 1.32 0.00	23.05 1.34 0.00	19.42 1.13 0.00	17.49 0.99 0.00	19.92 1.10 0.00	21.62 1.27 0.00	24.39 1.40 0.00	24.12 1.63 0.00	26.63 2.06 0.00	25.03 1.78 0.00	26.73 1.90 0.00	31.54 1.98 0.00	30.94 1.80 0.00	28.87 1.61 0.00	23.38 1.16 0.00
CH_MISC_IPPS 23765	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.51 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.78 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.49 1.28 0.00
CH_RES_BVR_FALLS 23983	22.08 0.08 0.00	20.94 0.10 0.00	18.81 0.09 0.00	18.74 0.04 0.00	21.55 -0.01 0.00	22.77 -0.12 0.00	26.50 -0.28 0.00	27.08 -0.41 0.00	25.49 -0.31 0.00	22.40 -0.30 0.00	21.38 -0.32 0.00	18.00 -0.28 0.00	16.28 -0.22 0.00	18.54 -0.28 0.00	19.98 -0.36 0.00	22.66 -0.33 0.00	22.06 -0.43 0.00	23.91 -0.66 0.00	22.59 -0.66 0.00	24.16 -0.66 0.00	29.06 -0.50 0.00	28.79 -0.35 0.00	27.00 -0.26 0.00	22.03 -0.18 0.00
CH_RES_NIAGARA 23895	19.73 -2.27 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.43 -2.13 0.00	20.33 -2.56 0.00	23.41 -3.37 0.00	23.72 -3.77 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.72 0.00	19.89 -3.10 0.00	19.61 -2.88 0.00	21.24 -3.32 0.00	19.89 -3.36 0.00	21.47 -3.35 0.00	24.32 -3.76 1.48	25.42 -3.20 0.51	24.14 -3.13 0.00	19.97 -2.25 0.00
CH_RES_SYRACUSE 23985	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.28 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.25 0.00	22.36 -0.12 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.42 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
CLINTON_WT_PWR 323605	22.63 0.63 0.00	21.53 0.69 0.00	19.36 0.63 0.00	19.02 0.31 0.00	21.98 0.42 0.00	23.23 0.34 0.00	27.07 0.29 0.00	27.39 -0.09 0.00	25.91 0.10 0.00	22.58 -0.11 0.00	21.23 -0.48 0.00	5.08 -0.60 12.61	12.91 -0.48 3.12	-21.05 -0.61 39.27	-21.09 -0.76 40.68	4.53 -0.88 17.59	7.38 -1.05 14.06	-17.40 -1.38 40.58	-3.12 -1.14 25.23	-21.08 -1.10 44.80	11.87 -0.96 16.73	3.52 -0.86 24.76	26.81 -0.45 0.00	21.89 -0.33 0.00
CLINTON___LFGE 323618	22.96 0.96 0.00	21.84 1.01 0.00	19.66 0.93 0.00	19.32 0.62 0.00	22.32 0.76 0.00	23.56 0.67 0.00	27.54 0.76 0.00	27.91 0.43 0.00	26.35 0.54 0.00	22.98 0.28 0.00	21.61 -0.09 0.00	5.14 -0.29 12.86	13.08 -0.25 3.18	-21.55 -0.33 40.04	-21.57 -0.44 41.48	4.57 -0.48 17.93	7.52 -0.63 14.34	-17.81 -0.99 41.39	-3.19 -0.72 25.73	-21.48 -0.62 45.69	12.06 -0.44 17.06	3.53 -0.36 25.25	27.27 0.01 0.00	22.27 0.05 0.00
COBBLENY_34_KV_TB1 80064	20.75 -1.25 0.00	19.70 -1.14 0.00	17.60 -1.13 0.00	17.56 -1.14 0.00	20.31 -1.25 0.00	21.33 -1.56 0.00	24.75 -2.03 0.00	25.22 -2.26 0.00	23.65 -2.16 0.00	20.86 -1.84 0.00	19.93 -1.78 0.00	16.82 -1.47 0.00	15.23 -1.27 0.00	17.43 -1.39 0.00	18.57 -1.77 0.00	21.01 -1.98 0.00	20.76 -1.73 0.00	22.57 -1.99 0.00	21.12 -2.13 0.00	22.72 -2.10 0.00	27.24 -2.32 0.00	27.21 -1.93 0.00	25.36 -1.90 0.00	20.83 -1.38 0.00
COFFEEN___115KV_TB3 355620	22.10 0.10 0.00	21.00 0.17 0.00	18.86 0.13 0.00	18.75 0.05 0.00	21.48 -0.08 0.00	22.63 -0.27 0.00	26.17 -0.60 0.00	26.93 -0.55 0.00	25.23 -0.58 0.00	21.96 -0.74 0.00	20.48 -1.23 0.00	17.60 -1.21 -0.51	15.56 -1.07 -0.13	19.20 -1.22 -1.60	20.99 -1.01 -1.66	23.11 -0.60 -0.72	22.76 -0.30 -0.57	25.72 -0.50 -1.65	23.53 -0.75 -1.03	25.89 -0.75 -1.81	29.57 -0.67 -0.68	29.54 -0.59 -1.00	26.58 -0.69 0.00	21.47 -0.75 0.00
COLDSPRG_115KV_BK1 355956	21.60 -0.40 0.00	20.45 -0.38 0.00	18.31 -0.42 0.00	18.27 -0.43 0.00	21.15 -0.41 0.00	22.30 -0.60 0.00	26.00 -0.78 0.00	26.62 -0.86 0.00	24.89 -0.92 0.00	21.87 -0.83 0.00	20.88 -0.82 0.00	17.64 -0.65 0.00	15.91 -0.59 0.00	18.07 -0.75 0.00	19.32 -1.03 0.00	21.91 -1.08 0.00	21.68 -0.81 0.00	23.61 -0.96 0.00	22.07 -1.19 0.00	23.67 -1.16 0.00	28.33 -1.24 0.00	28.11 -1.02 0.00	26.34 -0.92 0.00	21.57 -0.65 0.00
COLONIE_LFGE___ 323577	22.44 0.44 0.00	21.23 0.40 0.00	19.11 0.38 0.00	19.11 0.41 0.00	22.07 0.51 0.00	23.52 0.62 0.00	27.65 0.87 0.00	28.64 1.16 0.00	26.65 0.84 0.00	23.40 0.70 0.00	22.35 0.64 0.00	18.80 0.51 0.00	16.94 0.44 0.00	19.34 0.52 0.00	21.04 0.70 0.00	23.82 0.83 0.00	23.41 0.92 0.00	25.82 1.25 0.00	24.28 1.03 0.00	25.89 1.06 0.00	30.65 1.09 0.00	30.08 0.94 0.00	28.08 0.81 0.00	22.76 0.54 0.00
COOPERNY_115KV_TB1 80082	22.49 0.49 0.00	21.27 0.43 0.00	19.13 0.41 0.00	19.12 0.42 0.00	22.05 0.49 0.00	23.54 0.65 0.00	27.73 0.96 0.00	28.74 1.26 0.00	26.79 0.98 0.00	23.49 0.79 0.00	22.54 0.83 0.00	18.77 0.70 0.22	15.56 0.61 1.55	19.47 0.66 0.01	20.92 0.74 0.17	23.79 0.80 0.00	23.48 0.99 0.00	25.87 1.30 0.00	24.36 1.11 0.00	25.97 1.15 0.00	30.73 1.17 0.00	30.18 1.05 0.00	28.24 0.98 0.00	22.93 0.71 0.00
COPENHAGEN_WT_PWR 323753	21.86 -0.14 0.00	20.84 0.00 0.00	18.70 -0.03 0.00	18.59 -0.11 0.00	21.26 -0.30 0.00	22.32 -0.57 0.00	25.69 -1.08 0.00	26.41 -1.07 0.00	24.77 -1.04 0.00	21.56 -1.14 0.00	20.22 -1.49 0.00	17.35 -1.43 -0.49	15.37 -1.25 -0.12	18.85 -1.49 -1.52	20.57 -1.35 -1.57	22.67 -1.00 -0.68	22.30 -0.73 -0.54	25.13 -1.00 -1.57	22.98 -1.25 -0.97	25.27 -1.27 -1.71	28.95 -1.25 -0.64	28.99 -1.09 -0.95	26.13 -1.14 0.00	21.10 -1.12 0.00
CORNELL_____ 23752	22.36 0.36 0.00	21.17 0.33 0.00	18.98 0.25 0.00	18.96 0.26 0.00	21.91 0.35 0.00	23.27 0.37 0.00	27.29 0.52 0.00	27.96 0.48 0.00	26.17 0.37 0.00	22.97 0.27 0.00	21.89 0.18 0.00	18.40 0.11 0.00	16.55 0.05 0.00	18.85 0.03 0.00	20.37 0.02 0.00	23.15 0.15 0.00	22.93 0.44 0.00	25.20 0.64 0.00	23.77 0.51 0.00	25.34 0.51 0.00	30.05 0.49 0.00	29.55 0.41 0.00	27.55 0.29 0.00	22.49 0.28 0.00



CORONA__69_KV_TB1 355595	23.14 1.14 0.00	21.85 1.01 0.00	19.64 0.92 0.00	19.58 0.88 0.00	22.57 1.02 0.00	24.26 1.37 0.00	28.82 2.04 0.00	30.02 2.54 0.00	27.92 2.12 0.00	24.51 1.80 0.00	23.57 1.86 0.00	20.33 1.54 -0.50	21.39 1.37 -3.52	20.34 1.50 -0.02	22.34 1.62 -0.37	24.78 1.79 0.00	24.57 2.08 0.00	27.07 2.50 0.00	25.39 2.14 0.00	27.13 2.31 0.00	32.07 2.51 0.00	31.51 2.37 0.00	29.41 2.15 0.00	23.80 1.58 0.00
CORTLAND__115KV_TB3 80093	22.13 0.13 0.00	20.96 0.12 0.00	18.80 0.07 0.00	18.79 0.09 0.00	21.68 0.12 0.00	23.02 0.12 0.00	26.96 0.18 0.00	27.67 0.19 0.00	25.89 0.08 0.00	22.73 0.03 0.00	21.71 0.00 0.00	18.26 -0.03 0.00	16.43 -0.07 0.00	18.72 -0.10 0.00	20.24 -0.11 0.00	22.95 -0.04 0.00	22.69 0.21 0.00	24.91 0.35 0.00	23.50 0.24 0.00	25.09 0.26 0.00	29.73 0.17 0.00	29.24 0.10 0.00	27.32 0.06 0.00	22.29 0.07 0.00
COXSACKIE__GT 23611	23.28 1.28 0.00	22.04 1.21 0.00	19.83 1.10 0.00	19.84 1.14 0.00	22.87 1.32 0.00	24.42 1.53 0.00	28.89 2.12 0.00	29.91 2.42 0.00	27.76 1.95 0.00	24.06 1.36 0.00	22.74 1.03 0.00	19.03 0.75 0.00	17.14 0.64 0.00	19.63 0.80 0.00	21.47 1.12 0.00	24.55 1.56 0.00	24.52 2.04 0.00	27.12 2.55 0.00	25.46 2.20 0.00	27.01 2.19 0.00	31.94 2.37 0.00	31.27 2.13 0.00	29.09 1.83 0.00	23.55 1.34 0.00
CPV_VALLEY__CC1 323721	22.51 0.51 0.00	21.28 0.44 0.00	19.15 0.43 0.00	19.14 0.44 0.00	22.07 0.51 0.00	23.59 0.70 0.00	27.85 1.08 0.00	28.91 1.43 0.00	26.92 1.11 0.00	23.59 0.89 0.00	22.65 0.94 0.00	18.78 0.80 0.31	15.02 0.69 2.17	19.56 0.76 0.01	20.96 0.85 0.23	23.91 0.91 0.00	23.61 1.12 0.00	26.06 1.49 0.00	24.51 1.26 0.00	26.13 1.30 0.00	30.87 1.31 0.00	30.31 1.17 0.00	28.39 1.13 0.00	23.02 0.80 0.00
CPV_VALLEY__CC2 323722	22.51 0.51 0.00	21.28 0.44 0.00	19.15 0.43 0.00	19.14 0.44 0.00	22.07 0.51 0.00	23.59 0.70 0.00	27.85 1.08 0.00	28.91 1.43 0.00	26.92 1.11 0.00	23.59 0.89 0.00	22.65 0.94 0.00	18.78 0.80 0.31	15.02 0.69 2.17	19.56 0.76 0.01	20.96 0.85 0.23	23.91 0.91 0.00	23.61 1.12 0.00	26.06 1.49 0.00	24.51 1.26 0.00	26.13 1.30 0.00	30.87 1.31 0.00	30.31 1.17 0.00	28.39 1.13 0.00	23.02 0.80 0.00
CRESCENT__HYD 24018	22.44 0.44 0.00	21.23 0.40 0.00	19.11 0.38 0.00	19.11 0.41 0.00	22.07 0.51 0.00	23.52 0.62 0.00	27.65 0.87 0.00	28.64 1.16 0.00	26.65 0.84 0.00	23.40 0.70 0.00	22.35 0.64 0.00	18.80 0.51 0.00	16.94 0.44 0.00	19.34 0.52 0.00	21.04 0.70 0.00	23.82 0.83 0.00	23.41 0.92 0.00	25.82 1.25 0.00	24.28 1.03 0.00	25.89 1.06 0.00	30.65 1.09 0.00	30.08 0.94 0.00	28.08 0.81 0.00	22.76 0.54 0.00
CRICKET__VALLEY_CC1 323756	22.59 0.59 0.00	21.36 0.52 0.00	19.22 0.49 0.00	19.23 0.53 0.00	22.19 0.63 0.00	23.71 0.82 0.00	27.96 1.19 0.00	29.00 1.52 0.00	26.97 1.16 0.00	23.70 1.00 0.00	22.75 1.05 0.00	19.32 0.88 -0.15	18.33 0.78 -1.05	19.69 0.87 -0.01	21.49 1.03 -0.11	24.09 1.10 0.00	23.78 1.29 0.00	26.23 1.67 0.00	24.66 1.40 0.00	26.35 1.52 0.00	31.07 1.51 0.00	30.46 1.33 0.00	28.48 1.22 0.00	23.08 0.86 0.00
CRICKET__VALLEY_CC2 323757	22.59 0.59 0.00	21.36 0.52 0.00	19.22 0.49 0.00	19.23 0.53 0.00	22.19 0.63 0.00	23.71 0.82 0.00	27.96 1.19 0.00	29.00 1.52 0.00	26.97 1.16 0.00	23.70 1.00 0.00	22.75 1.05 0.00	19.32 0.88 -0.15	18.33 0.78 -1.05	19.69 0.87 -0.01	21.49 1.03 -0.11	24.09 1.10 0.00	23.78 1.29 0.00	26.23 1.67 0.00	24.66 1.40 0.00	26.35 1.52 0.00	31.07 1.51 0.00	30.46 1.33 0.00	28.48 1.22 0.00	23.08 0.86 0.00
CRICKET__VALLEY_CC3 323758	22.59 0.59 0.00	21.36 0.52 0.00	19.22 0.49 0.00	19.23 0.53 0.00	22.19 0.63 0.00	23.71 0.82 0.00	27.96 1.19 0.00	29.00 1.52 0.00	26.97 1.16 0.00	23.70 1.00 0.00	22.75 1.05 0.00	19.32 0.88 -0.15	18.33 0.78 -1.05	19.69 0.87 -0.01	21.49 1.03 -0.11	24.09 1.10 0.00	23.78 1.29 0.00	26.23 1.67 0.00	24.66 1.40 0.00	26.35 1.52 0.00	31.07 1.51 0.00	30.46 1.33 0.00	28.48 1.22 0.00	23.08 0.86 0.00
CRUCIBLE_METL_DRP 24180	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
DAHOWA__HYDRO 323763	22.52 0.52 0.00	21.29 0.45 0.00	19.16 0.42 0.00	19.16 0.46 0.00	22.18 0.62 0.00	23.69 0.80 0.00	27.93 1.15 0.00	28.95 1.47 0.00	26.91 1.10 0.00	23.62 0.91 0.00	22.50 0.79 0.00	18.89 0.61 0.00	17.03 0.53 0.00	19.50 0.68 0.00	21.22 0.87 0.00	24.03 1.04 0.00	23.72 1.23 0.00	26.15 1.59 0.00	24.61 1.35 0.00	26.22 1.39 0.00	30.94 1.38 0.00	30.33 1.19 0.00	28.24 0.98 0.00	22.87 0.65 0.00
DANC__LFGE 323619	21.64 -0.36 0.00	20.58 -0.26 0.00	18.47 -0.26 0.00	18.39 -0.31 0.00	21.11 -0.45 0.00	22.24 -0.65 0.00	25.75 -1.02 0.00	26.40 -1.08 0.00	24.74 -1.06 0.00	21.63 -1.07 0.00	20.42 -1.29 0.00	17.44 -1.19 -0.34	15.52 -1.07 -0.08	18.64 -1.24 -1.05	20.26 -1.17 -1.09	22.48 -0.98 -0.47	22.12 -0.74 -0.38	24.75 -0.91 -1.08	22.87 -1.06 -0.67	24.95 -1.06 -1.18	28.85 -1.15 -0.44	28.77 -1.02 -0.65	26.25 -1.01 0.00	21.31 -0.91 0.00
DANSKAMMER__1 23586	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.51 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.78 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.49 1.28 0.00
DANSKAMMER__2 23589	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.51 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.78 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.49 1.28 0.00
DANSKAMMER__3 23590	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.51 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.78 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.49 1.28 0.00



DANSKAMMER___4 23591	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.51 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.72 0.00	29.60 2.12 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.78 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.49 1.28 0.00
DANSKAMMER___DIESEL 23592	22.96 0.96 0.00	21.69 0.85 0.00	19.52 0.79 0.00	19.52 0.81 0.00	22.50 0.94 0.00	24.07 1.18 0.00	28.49 1.71 0.00	29.60 2.11 0.00	27.53 1.73 0.00	24.13 1.43 0.00	23.16 1.45 0.00	19.50 1.22 0.00	17.57 1.07 0.00	20.01 1.19 0.00	21.71 1.36 0.00	24.51 1.52 0.00	24.25 1.76 0.00	26.79 2.22 0.00	25.18 1.92 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.10 1.97 0.00	29.02 1.75 0.00	23.50 1.28 0.00
DARBY___SOLAR 323810	22.50 0.50 0.00	21.28 0.45 0.00	19.15 0.42 0.00	19.15 0.45 0.00	22.16 0.59 0.00	23.65 0.75 0.00	27.86 1.09 0.00	28.87 1.39 0.00	26.84 1.03 0.00	23.55 0.86 0.00	22.45 0.75 0.00	18.85 0.56 0.00	16.99 0.49 0.00	19.44 0.62 0.00	21.16 0.81 0.00	23.98 0.99 0.00	23.64 1.16 0.00	26.07 1.50 0.00	24.52 1.27 0.00	26.13 1.30 0.00	30.87 1.30 0.00	30.26 1.12 0.00	28.19 0.93 0.00	22.84 0.63 0.00
DASHVILLE___HYD 23610	22.69 0.69 0.00	21.44 0.60 0.00	19.28 0.56 0.00	19.27 0.57 0.00	22.24 0.68 0.00	23.80 0.91 0.00	28.35 1.58 0.00	29.33 1.85 0.00	27.31 1.50 0.00	23.94 1.24 0.00	22.94 1.24 0.00	19.33 1.04 0.00	17.40 0.90 0.00	19.82 1.00 0.00	21.51 1.16 0.00	24.29 1.30 0.00	24.02 1.53 0.00	26.52 1.95 0.00	24.87 1.61 0.00	26.40 1.57 0.00	31.19 1.63 0.00	30.61 1.48 0.00	28.58 1.32 0.00	23.17 0.95 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.53 1.53 0.00	22.18 1.34 0.00	19.94 1.21 0.00	19.85 1.15 0.00	22.92 1.36 0.00	24.65 1.76 0.00	29.50 2.73 0.00	30.83 3.34 0.00	29.05 3.24 0.00	25.35 2.65 0.00	24.30 2.59 0.00	20.85 2.06 -0.50	21.85 1.83 -3.52	20.55 1.71 -0.02	22.51 1.79 -0.37	25.05 2.06 0.00	25.08 2.59 0.00	27.60 3.03 0.00	25.81 2.56 0.00	27.75 2.93 0.00	32.90 3.34 0.00	32.33 3.20 0.00	29.81 2.55 0.00	24.31 2.09 0.00
DELAWARE___LFGE 323621	22.52 0.52 0.00	21.32 0.48 0.00	19.16 0.43 0.00	19.15 0.45 0.00	22.09 0.53 0.00	23.52 0.62 0.00	27.62 0.85 0.00	28.50 1.02 0.00	26.63 0.82 0.00	23.39 0.69 0.00	22.38 0.68 0.00	18.85 0.56 0.00	16.98 0.48 0.00	19.34 0.52 0.00	20.90 0.56 0.00	23.64 0.65 0.00	23.30 0.81 0.00	25.59 1.03 0.00	24.13 0.87 0.00	25.71 0.88 0.00	30.48 0.92 0.00	29.97 0.83 0.00	28.00 0.74 0.00	22.77 0.55 0.00
DERFIELD_115KV_TB7 355931	22.01 0.01 0.00	20.85 0.01 0.00	18.75 0.02 0.00	18.73 0.03 0.00	21.59 0.03 0.00	22.96 0.07 0.00	26.89 0.11 0.00	27.78 0.30 0.00	26.00 0.19 0.00	22.84 0.14 0.00	21.86 0.15 0.00	18.41 0.12 0.00	16.60 0.10 0.00	18.92 0.10 0.00	20.49 0.14 0.00	23.17 0.18 0.00	22.74 0.25 0.00	24.91 0.35 0.00	23.52 0.27 0.00	25.01 0.19 0.00	29.72 0.16 0.00	29.27 0.14 0.00	27.37 0.10 0.00	22.28 0.06 0.00
DOGLEVILLE___HYD 23807	21.65 -0.35 0.00	20.54 -0.30 0.00	18.52 -0.21 0.00	18.52 -0.18 0.00	21.39 -0.17 0.00	22.91 0.02 0.00	27.20 0.43 0.00	28.30 0.82 0.00	26.25 0.44 0.00	22.93 0.23 0.00	21.82 0.11 0.00	18.31 0.02 0.00	16.48 -0.02 0.00	18.76 -0.06 0.00	20.41 0.07 0.00	23.22 0.23 0.00	23.09 0.60 0.00	25.56 0.99 0.00	24.02 0.76 0.00	25.47 0.65 0.00	30.07 0.50 0.00	29.39 0.25 0.00	27.34 0.08 0.00	22.05 -0.17 0.00
DUNKIRK___115KV_TB_200 55889	20.76 -1.24 0.00	19.67 -1.17 0.00	17.59 -1.14 0.00	17.54 -1.16 0.00	20.26 -1.30 0.00	21.36 -1.54 0.00	24.83 -1.95 0.00	25.34 -2.14 0.00	23.72 -2.09 0.00	20.87 -1.84 0.00	19.89 -1.82 0.00	16.82 -1.47 0.00	15.18 -1.32 0.00	17.30 -1.52 0.00	18.48 -1.87 0.00	20.93 -2.06 0.00	20.72 -1.77 0.00	22.56 -2.01 0.00	21.09 -2.16 0.00	22.69 -2.14 0.00	27.22 -2.34 0.00	27.17 -1.97 0.00	25.41 -1.85 0.00	20.82 -1.40 0.00
DUNKIRK___1 23563	20.76 -1.24 0.00	19.67 -1.17 0.00	17.59 -1.14 0.00	17.54 -1.16 0.00	20.26 -1.30 0.00	21.36 -1.54 0.00	24.83 -1.95 0.00	25.34 -2.14 0.00	23.72 -2.09 0.00	20.87 -1.84 0.00	19.89 -1.82 0.00	16.82 -1.47 0.00	15.18 -1.32 0.00	17.30 -1.52 0.00	18.48 -1.87 0.00	20.93 -2.06 0.00	20.72 -1.77 0.00	22.56 -2.01 0.00	21.09 -2.16 0.00	22.69 -2.14 0.00	27.22 -2.34 0.00	27.17 -1.97 0.00	25.41 -1.85 0.00	20.82 -1.40 0.00
DUNKIRK___2 23564	20.76 -1.24 0.00	19.67 -1.17 0.00	17.59 -1.14 0.00	17.54 -1.16 0.00	20.26 -1.30 0.00	21.36 -1.54 0.00	24.83 -1.95 0.00	25.34 -2.14 0.00	23.72 -2.09 0.00	20.87 -1.84 0.00	19.89 -1.82 0.00	16.82 -1.47 0.00	15.18 -1.32 0.00	17.30 -1.52 0.00	18.48 -1.87 0.00	20.93 -2.06 0.00	20.72 -1.77 0.00	22.56 -2.01 0.00	21.09 -2.16 0.00	22.69 -2.14 0.00	27.22 -2.34 0.00	27.17 -1.97 0.00	25.41 -1.85 0.00	20.82 -1.40 0.00
DUNKIRK___3 23565	20.78 -1.21 0.00	19.69 -1.14 0.00	17.61 -1.12 0.00	17.56 -1.14 0.00	20.30 -1.26 0.00	21.39 -1.50 0.00	24.87 -1.91 0.00	25.37 -2.11 0.00	23.73 -2.08 0.00	20.88 -1.82 0.00	19.95 -1.75 0.00	16.87 -1.42 0.00	15.24 -1.26 0.00	17.39 -1.43 0.00	18.57 -1.78 0.00	21.02 -1.97 0.00	20.80 -1.69 0.00	22.65 -1.92 0.00	21.18 -2.07 0.00	22.75 -2.07 0.00	27.26 -2.31 0.00	27.17 -1.96 0.00	25.42 -1.85 0.00	20.83 -1.39 0.00
DUNKIRK___4 23566	20.76 -1.24 0.00	19.67 -1.16 0.00	17.59 -1.13 0.00	17.54 -1.16 0.00	20.29 -1.27 0.00	21.35 -1.55 0.00	24.80 -1.98 0.00	25.28 -2.20 0.00	23.68 -2.13 0.00	20.84 -1.86 0.00	19.88 -1.83 0.00	16.81 -1.48 0.00	15.19 -1.31 0.00	17.33 -1.50 0.00	18.49 -1.85 0.00	20.95 -2.04 0.00	20.72 -1.77 0.00	22.55 -2.02 0.00	21.07 -2.18 0.00	22.68 -2.15 0.00	27.21 -2.36 0.00	27.16 -1.98 0.00	25.39 -1.88 0.00	20.82 -1.40 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.88 0.88 0.00	21.61 0.78 0.00	19.47 0.74 0.00	19.46 0.76 0.00	22.42 0.87 0.00	24.01 1.11 0.00	28.43 1.66 0.00	29.55 2.07 0.00	27.50 1.69 0.00	24.14 1.44 0.00	23.21 1.50 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.08 1.24 -0.02	22.12 1.39 -0.38	24.49 1.50 0.00	24.22 1.74 0.00	26.78 2.21 0.00	25.15 1.89 0.00	26.78 1.95 0.00	31.61 2.05 0.00	30.99 1.86 0.00	28.91 1.65 0.00	23.40 1.19 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.80 0.80 0.00	21.54 0.70 0.00	19.40 0.67 0.00	19.39 0.69 0.00	22.35 0.79 0.00	23.91 1.02 0.00	28.28 1.50 0.00	29.36 1.88 0.00	27.32 1.51 0.00	23.94 1.24 0.00	22.97 1.26 0.00	19.23 1.07 0.13	16.50 0.93 0.93	19.84 1.02 0.01	21.41 1.17 0.10	24.28 1.29 0.00	24.02 1.53 0.00	26.54 1.97 0.00	24.95 1.70 0.00	26.60 1.77 0.00	31.41 1.84 0.00	30.82 1.68 0.00	28.78 1.52 0.00	23.31 1.10 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	22.82 0.82 0.00	21.54 0.71 0.00	19.42 0.69 0.00	19.41 0.71 0.00	22.35 0.79 0.00	23.95 1.06 0.00	28.37 1.60 0.00	29.55 2.07 0.00	27.52 1.71 0.00	24.14 1.44 0.00	23.26 1.56 0.00	20.13 1.34 -0.50	21.22 1.18 -3.54	20.13 1.29 -0.02	22.18 1.45 -0.38	24.56 1.57 0.00	24.31 1.82 0.00	26.90 2.33 0.00	25.28 2.02 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.70 0.00	23.43 1.22 0.00
E179THST_13_KV_LOAD 356214	22.92 0.92 0.00	21.63 0.79 0.00	19.50 0.77 0.00	19.48 0.77 0.00	22.43 0.87 0.00	24.04 1.15 0.00	28.49 1.72 0.00	29.68 2.20 0.00	27.64 1.83 0.00	24.24 1.54 0.00	23.37 1.66 0.00	20.21 1.42 -0.50	21.30 1.26 -3.54	20.22 1.38 -0.02	22.27 1.54 -0.38	24.67 1.68 0.00	24.42 1.93 0.00	27.02 2.45 0.00	25.39 2.14 0.00	26.99 2.17 0.00	31.86 2.30 0.00	31.23 2.09 0.00	29.09 1.83 0.00	23.53 1.31 0.00
EAST HAMPTON___GT 23717	23.77 1.77 0.00	22.40 1.57 0.00	20.14 1.41 0.00	20.05 1.35 0.00	23.16 1.60 0.00	24.93 2.03 0.00	29.83 3.06 0.00	31.18 3.69 0.00	29.35 3.54 0.00	25.60 2.90 0.00	24.52 2.81 0.00	21.02 2.23 -0.50	22.01 1.99 -3.52	20.75 1.90 -0.02	22.73 2.00 -0.37	25.32 2.32 0.00	25.36 2.87 0.00	27.94 3.37 0.00	26.13 2.88 0.00	28.08 3.26 0.00	33.29 3.73 0.00	32.70 3.57 0.00	30.14 2.88 0.00	24.56 2.34 0.00
EAST RIVER___6 23660	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.48 0.78 0.00	22.42 0.87 0.00	24.03 1.13 0.00	28.51 1.73 0.00	29.66 2.18 0.00	27.61 1.80 0.00	24.25 1.56 0.00	23.36 1.65 0.00	20.23 1.43 -0.50	21.31 1.26 -3.55	20.24 1.40 -0.02	22.28 1.56 -0.38	24.67 1.68 0.00	24.41 1.92 0.00	27.00 2.43 0.00	25.32 2.06 0.00	26.93 2.11 0.00	31.79 2.23 0.00	31.15 2.01 0.00	29.02 1.76 0.00	23.45 1.24 0.00
EAST RIVER___7 23524	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.48 0.78 0.00	22.42 0.87 0.00	24.03 1.13 0.00	28.51 1.73 0.00	29.66 2.18 0.00	27.61 1.80 0.00	24.25 1.56 0.00	23.36 1.65 0.00	20.23 1.43 -0.50	21.31 1.26 -3.55	20.24 1.40 -0.02	22.28 1.56 -0.38	24.67 1.68 0.00	24.41 1.92 0.00	27.00 2.43 0.00	25.32 2.06 0.00	26.93 2.11 0.00	31.79 2.23 0.00	31.15 2.01 0.00	29.02 1.76 0.00	23.45 1.24 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.84 0.85 0.00	21.59 0.75 0.00	19.45 0.72 0.00	19.44 0.74 0.00	22.40 0.84 0.00	23.98 1.08 0.00	28.40 1.62 0.00	29.51 2.02 0.00	27.45 1.64 0.00	24.09 1.39 0.00	23.16 1.46 0.00	20.07 1.24 -0.54	21.40 1.08 -3.82	20.04 1.20 -0.02	22.10 1.34 -0.41	24.44 1.45 0.00	24.18 1.69 0.00	26.73 2.16 0.00	25.10 1.85 0.00	26.72 1.89 0.00	31.54 1.98 0.00	30.94 1.80 0.00	28.86 1.60 0.00	23.36 1.14 0.00
EAST_HAMPTON___DIESEL 23722	23.77 1.77 0.00	22.40 1.57 0.00	20.14 1.41 0.00	20.05 1.35 0.00	23.16 1.60 0.00	24.93 2.03 0.00	29.83 3.06 0.00	31.18 3.69 0.00	29.35 3.54 0.00	25.60 2.90 0.00	24.52 2.81 0.00	21.02 2.24 -0.50	22.01 1.99 -3.52	20.75 1.90 -0.02	22.73 2.01 -0.37	25.32 2.32 0.00	25.36 2.87 0.00	27.94 3.37 0.00	26.13 2.88 0.00	28.08 3.26 0.00	33.29 3.73 0.00	32.71 3.57 0.00	30.14 2.88 0.00	24.56 2.34 0.00
EAST_PULASKI___ESR 323781	21.51 -0.49 0.00	20.40 -0.43 0.00	18.32 -0.41 0.00	18.27 -0.43 0.00	21.03 -0.53 0.00	22.25 -0.64 0.00	25.88 -0.89 0.00	26.49 -1.00 0.00	24.82 -0.99 0.00	21.78 -0.92 0.00	20.69 -1.01 0.00	17.39 -0.90 0.00	15.68 -0.82 0.00	17.89 -0.93 0.00	19.42 -0.92 0.00	22.12 -0.87 0.00	21.82 -0.66 0.00	23.83 -0.73 0.00	22.45 -0.80 0.00	24.06 -0.77 0.00	28.60 -0.96 0.00	28.26 -0.88 0.00	26.42 -0.84 0.00	21.56 -0.66 0.00
EAST_RIVER___1 323558	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.48 0.78 0.00	22.42 0.86 0.00	24.02 1.12 0.00	28.49 1.71 0.00	29.63 2.15 0.00	27.57 1.76 0.00	24.22 1.52 0.00	23.31 1.61 0.00	20.19 1.40 -0.50	21.28 1.23 -3.55	20.19 1.35 -0.02	22.24 1.52 -0.38	24.62 1.63 0.00	24.36 1.87 0.00	26.94 2.37 0.00	25.28 2.02 0.00	26.90 2.08 0.00	31.75 2.18 0.00	31.12 1.98 0.00	28.99 1.73 0.00	23.44 1.22 0.00
EAST_RIVER___2 323559	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.48 0.78 0.00	22.42 0.87 0.00	24.03 1.13 0.00	28.51 1.73 0.00	29.66 2.18 0.00	27.61 1.80 0.00	24.25 1.56 0.00	23.36 1.65 0.00	20.23 1.43 -0.50	21.31 1.26 -3.55	20.24 1.40 -0.02	22.28 1.56 -0.38	24.67 1.68 0.00	24.41 1.92 0.00	27.00 2.43 0.00	25.32 2.06 0.00	26.93 2.11 0.00	31.79 2.23 0.00	31.15 2.01 0.00	29.02 1.76 0.00	23.45 1.24 0.00
EAST___DELAWARE_HYD 23607	23.04 1.04 0.00	21.75 0.91 0.00	19.57 0.84 0.00	19.56 0.86 0.00	22.56 1.01 0.00	24.15 1.25 0.00	28.57 1.79 0.00	29.65 2.16 0.00	27.58 1.77 0.00	24.12 1.42 0.00	23.10 1.40 0.00	19.29 1.12 0.11	16.68 0.99 0.81	19.95 1.13 0.00	21.56 1.30 0.09	24.47 1.48 0.00	24.29 1.80 0.00	26.84 2.27 0.00	25.27 2.01 0.00	26.94 2.12 0.00	31.82 2.26 0.00	31.20 2.07 0.00	29.13 1.87 0.00	23.59 1.38 0.00
EIGHT_POINT___WT_PWR 323820	21.47 -0.53 0.00	20.16 -0.68 0.00	17.83 -0.89 0.00	17.67 -1.03 0.00	20.40 -1.17 0.00	21.74 -1.15 0.00	25.83 -0.95 0.00	26.53 -0.95 0.00	24.51 -1.30 0.00	21.48 -1.22 0.00	20.36 -1.35 0.00	16.97 -1.32 0.00	15.11 -1.39 0.00	17.16 -1.66 0.00	18.61 -1.73 0.00	21.16 -1.83 0.00	21.30 -1.19 0.00	23.79 -0.77 0.00	22.53 -0.73 0.00	23.84 -0.99 0.00	28.91 -1.53 -0.88	27.90 -1.54 -0.30	25.53 -1.74 0.00	20.79 -1.43 0.00
ELBRIDGE_115KV_TB2 80188	22.03 0.03 0.00	20.91 0.07 0.00	18.76 0.04 0.00	18.69 -0.02 0.00	21.61 0.05 0.00	22.92 0.02 0.00	26.85 0.08 0.00	27.35 -0.13 0.00	25.60 -0.21 0.00	22.55 -0.15 0.00	21.46 -0.24 0.00	18.10 -0.19 0.00	16.32 -0.19 0.00	18.57 -0.25 0.00	20.11 -0.23 0.00	22.80 -0.19 0.00	22.38 -0.11 0.00	24.70 0.13 0.00	23.29 0.03 0.00	24.83 0.00 0.00	29.47 -0.10 0.00	29.05 -0.08 0.00	27.06 -0.20 0.00	22.18 -0.04 0.00
ELEC_TRO_TEK 24086	23.01 1.01 0.00	21.73 0.89 0.00	19.53 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.12 1.23 0.00	28.66 1.88 0.00	29.86 2.38 0.00	27.78 1.98 0.00	24.39 1.69 0.00	23.45 1.74 0.00	20.23 1.44 -0.50	21.30 1.28 -3.52	20.23 1.39 -0.02	22.21 1.49 -0.37	24.63 1.64 0.00	24.44 1.95 0.00	26.94 2.37 0.00	25.25 2.00 0.00	26.98 2.15 0.00	31.89 2.33 0.00	31.34 2.20 0.00	29.21 1.95 0.00	23.66 1.44 0.00
ELLENBURG_WT_PWR 323604	22.63 0.63 0.00	21.53 0.69 0.00	19.36 0.63 0.00	19.02 0.31 0.00	21.98 0.42 0.00	23.23 0.34 0.00	27.07 0.29 0.00	27.39 -0.09 0.00	25.91 0.10 0.00	22.58 -0.11 0.00	21.23 -0.48 0.00	5.08 -0.60 12.61	12.91 -0.48 3.12	-21.05 -0.61 39.27	-21.09 -0.76 40.68	4.53 -0.88 17.59	7.38 -1.05 14.06	-17.40 -1.38 40.58	-3.12 -1.14 25.23	-21.08 -1.10 44.80	11.87 -0.96 16.73	3.52 -0.86 24.76	26.81 -0.45 0.00	21.89 -0.33 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	20.49 -1.50 0.00	19.46 -1.38 0.00	17.40 -1.32 0.00	17.36 -1.34 0.00	20.09 -1.47 0.00	21.07 -1.82 0.00	24.39 -2.38 0.00	24.80 -2.68 0.00	23.27 -2.54 0.00	20.52 -2.18 0.00	19.62 -2.09 0.00	16.59 -1.70 0.00	15.02 -1.48 0.00	17.18 -1.64 0.00	18.30 -2.05 0.00	20.70 -2.29 0.00	20.42 -2.06 0.00	22.17 -2.39 0.00	20.74 -2.51 0.00	22.36 -2.47 0.00	26.82 -2.74 0.00	26.83 -2.31 0.00	25.01 -2.26 0.00	20.61 -1.61 0.00
EMPIRE_CC_1 323656	22.27 0.27 0.00	21.08 0.24 0.00	18.97 0.25 0.00	18.98 0.28 0.00	21.90 0.34 0.00	23.32 0.43 0.00	27.36 0.59 0.00	28.29 0.81 0.00	26.32 0.52 0.00	23.20 0.50 0.00	22.17 0.47 0.00	18.76 0.39 -0.08	17.39 0.33 -0.56	19.21 0.38 0.00	20.94 0.54 -0.06	23.62 0.63 0.00	23.17 0.68 0.00	25.59 1.02 0.00	24.01 0.75 0.00	25.58 0.75 0.00	30.28 0.71 0.00	29.77 0.63 0.00	27.86 0.60 0.00	22.59 0.38 0.00
EMPIRE_CC_2 323658	22.27 0.27 0.00	21.08 0.24 0.00	18.97 0.25 0.00	18.98 0.28 0.00	21.90 0.34 0.00	23.32 0.43 0.00	27.36 0.59 0.00	28.29 0.81 0.00	26.32 0.52 0.00	23.20 0.50 0.00	22.17 0.47 0.00	18.76 0.39 -0.08	17.39 0.33 -0.56	19.21 0.38 0.00	20.94 0.54 -0.06	23.62 0.63 0.00	23.17 0.68 0.00	25.59 1.02 0.00	24.01 0.75 0.00	25.58 0.75 0.00	30.28 0.71 0.00	29.77 0.63 0.00	27.86 0.60 0.00	22.59 0.38 0.00
ENORWICH_115KV_TB1 80156	23.21 1.22 0.00	22.07 1.23 0.00	19.83 1.10 0.00	19.95 1.25 0.00	23.12 1.56 0.00	24.58 1.69 0.00	28.82 2.05 0.00	29.57 2.09 0.00	27.66 1.85 0.00	24.18 1.48 0.00	22.93 1.23 0.00	19.16 0.87 0.00	17.23 0.73 0.00	19.58 0.76 0.00	21.10 0.75 0.00	24.10 1.11 0.00	24.05 1.56 0.00	26.38 1.81 0.00	24.79 1.53 0.00	26.34 1.51 0.00	31.49 1.92 0.00	30.79 1.65 0.00	28.63 1.37 0.00	23.33 1.11 0.00
ERIE_ST__34_KV_TB1-2 80199	21.17 -0.83 0.00	20.10 -0.74 0.00	17.97 -0.76 0.00	17.94 -0.76 0.00	20.76 -0.80 0.00	21.81 -1.09 0.00	25.31 -1.47 0.00	25.77 -1.72 0.00	24.16 -1.64 0.00	21.29 -1.41 0.00	20.35 -1.36 0.00	17.21 -1.08 0.00	15.60 -0.90 0.00	17.85 -0.97 0.00	19.02 -1.33 0.00	21.53 -1.46 0.00	21.23 -1.25 0.00	23.09 -1.48 0.00	21.60 -1.66 0.00	23.21 -1.61 0.00	27.81 -1.76 0.00	27.72 -1.42 0.00	25.83 -1.44 0.00	21.22 -1.00 0.00
ERIE_WT_PWR 323693	20.71 -1.29 0.00	19.64 -1.20 0.00	17.56 -1.17 0.00	17.51 -1.19 0.00	20.27 -1.29 0.00	21.27 -1.62 0.00	24.60 -2.17 0.00	25.04 -2.45 0.00	23.49 -2.32 0.00	20.69 -2.01 0.00	19.77 -1.93 0.00	16.71 -1.58 0.00	15.14 -1.36 0.00	17.32 -1.50 0.00	18.46 -1.89 0.00	20.89 -2.10 0.00	20.61 -1.88 0.00	22.41 -2.15 0.00	20.95 -2.31 0.00	22.56 -2.26 0.00	25.36 -2.48 1.73	26.45 -2.09 0.60	25.22 -2.04 0.00	20.73 -1.48 0.00
ESPRGFLD_115KV_TB1 80157	23.18 1.18 0.00	21.95 1.11 0.00	19.66 0.94 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.04 1.15 0.00	28.16 1.39 0.00	28.85 1.36 0.00	27.06 1.25 0.00	23.79 1.09 0.00	22.67 0.96 0.00	19.06 0.78 0.00	17.19 0.69 0.00	19.57 0.75 0.00	21.01 0.66 0.00	23.84 0.84 0.00	23.54 1.05 0.00	25.72 1.15 0.00	24.29 1.03 0.00	25.93 1.11 0.00	30.87 1.31 0.00	30.49 1.36 0.00	28.48 1.22 0.00	23.19 0.97 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.33 0.33 0.00	21.14 0.31 0.00	18.96 0.23 0.00	18.94 0.24 0.00	21.88 0.32 0.00	23.24 0.34 0.00	27.25 0.47 0.00	27.92 0.44 0.00	26.13 0.32 0.00	22.94 0.24 0.00	21.87 0.16 0.00	18.38 0.09 0.00	16.53 0.03 0.00	18.82 0.00 0.00	20.35 0.00 0.00	23.12 0.13 0.00	22.89 0.41 0.00	25.16 0.59 0.00	23.73 0.47 0.00	25.29 0.47 0.00	30.00 0.43 0.00	29.50 0.37 0.00	27.52 0.25 0.00	22.47 0.25 0.00
ETNA____115KV_TB2 80207	22.33 0.33 0.00	21.14 0.31 0.00	18.96 0.23 0.00	18.94 0.24 0.00	21.88 0.32 0.00	23.24 0.34 0.00	27.25 0.47 0.00	27.92 0.44 0.00	26.13 0.32 0.00	22.94 0.24 0.00	21.87 0.16 0.00	18.38 0.09 0.00	16.53 0.03 0.00	18.82 0.00 0.00	20.35 0.00 0.00	23.12 0.13 0.00	22.89 0.41 0.00	25.16 0.59 0.00	23.73 0.47 0.00	25.29 0.47 0.00	30.00 0.43 0.00	29.50 0.37 0.00	27.52 0.25 0.00	22.47 0.25 0.00
EUCLID____115KV_TB2 356179	21.51 -0.48 0.00	20.39 -0.45 0.00	18.31 -0.42 0.00	18.29 -0.42 0.00	21.08 -0.48 0.00	22.34 -0.56 0.00	26.06 -0.71 0.00	26.58 -0.91 0.00	24.90 -0.90 0.00	21.94 -0.76 0.00	20.96 -0.74 0.00	17.67 -0.62 0.00	15.93 -0.57 0.00	18.18 -0.64 0.00	19.65 -0.70 0.00	22.23 -0.76 0.00	21.87 -0.62 0.00	23.95 -0.62 0.00	22.62 -0.64 0.00	24.27 -0.55 0.00	28.78 -0.79 0.00	28.35 -0.78 0.00	26.53 -0.73 0.00	21.72 -0.49 0.00
E_CANADA_CAP_HY 24051	23.37 1.37 0.00	22.12 1.28 0.00	19.79 1.06 0.00	19.72 1.01 0.00	22.73 1.18 0.00	24.13 1.24 0.00	28.25 1.48 0.00	28.90 1.42 0.00	27.15 1.35 0.00	23.85 1.15 0.00	22.63 0.92 0.00	19.02 0.73 0.00	17.15 0.65 0.00	19.55 0.73 0.00	20.98 0.63 0.00	23.88 0.89 0.00	23.62 1.13 0.00	25.76 1.20 0.00	24.34 1.09 0.00	26.00 1.18 0.00	30.98 1.41 0.00	30.69 1.55 0.00	28.65 1.39 0.00	23.32 1.11 0.00
E_CANADA_MHWK_HY 24050	21.65 -0.35 0.00	20.54 -0.30 0.00	18.52 -0.21 0.00	18.52 -0.18 0.00	21.39 -0.17 0.00	22.91 0.02 0.00	27.20 0.43 0.00	28.30 0.82 0.00	26.25 0.44 0.00	22.93 0.23 0.00	21.82 0.11 0.00	18.31 0.02 0.00	16.48 -0.02 0.00	18.76 -0.06 0.00	20.41 0.07 0.00	23.22 0.23 0.00	23.09 0.60 0.00	25.56 0.99 0.00	24.02 0.76 0.00	25.47 0.65 0.00	30.07 0.50 0.00	29.39 0.25 0.00	27.34 0.08 0.00	22.05 -0.17 0.00
E_FISHKILL__LBMP 23776	22.71 0.71 0.00	21.46 0.62 0.00	19.32 0.60 0.00	19.32 0.62 0.00	22.27 0.72 0.00	23.82 0.93 0.00	28.14 1.37 0.00	29.21 1.73 0.00	27.18 1.38 0.00	23.86 1.16 0.00	22.92 1.21 0.00	19.45 1.03 -0.13	18.33 0.90 -0.93	19.82 0.99 -0.01	21.58 1.14 -0.10	24.22 1.23 0.00	23.93 1.44 0.00	26.43 1.86 0.00	24.84 1.58 0.00	26.50 1.68 0.00	31.29 1.72 0.00	30.70 1.56 0.00	28.66 1.40 0.00	23.21 1.00 0.00
FALCON__SEABRD_CC1 323796	22.88 0.88 0.00	21.79 0.95 0.00	19.62 0.90 0.00	19.28 0.58 0.00	22.26 0.70 0.00	23.43 0.54 0.00	27.37 0.59 0.00	27.70 0.22 0.00	26.13 0.33 0.00	22.80 0.10 0.00	21.43 -0.28 0.00	5.12 -0.44 12.73	12.99 -0.37 3.14	-21.28 -0.48 39.63	-21.30 -0.59 41.06	4.59 -0.65 17.75	7.48 -0.81 14.19	-17.66 -1.28 40.95	-3.15 -0.94 25.47	-21.24 -0.85 45.22	11.98 -0.70 16.89	3.54 -0.61 24.99	27.15 -0.12 0.00	22.19 -0.03 0.00
FALCON__SEABRD_CC2 323797	22.88 0.88 0.00	21.79 0.95 0.00	19.62 0.90 0.00	19.28 0.58 0.00	22.26 0.70 0.00	23.43 0.54 0.00	27.37 0.59 0.00	27.70 0.22 0.00	26.13 0.33 0.00	22.80 0.10 0.00	21.43 -0.28 0.00	5.12 -0.44 12.73	12.99 -0.37 3.14	-21.28 -0.48 39.63	-21.30 -0.59 41.06	4.59 -0.65 17.75	7.48 -0.81 14.19	-17.66 -1.28 40.95	-3.15 -0.94 25.47	-21.24 -0.85 45.22	11.98 -0.70 16.89	3.54 -0.61 24.99	27.15 -0.12 0.00	22.19 -0.03 0.00



FAR ROCKAWAY___4 23548	23.29 1.29 0.00	21.99 1.16 0.00	19.78 1.05 0.00	19.71 1.01 0.00	22.72 1.16 0.00	24.43 1.54 0.00	29.04 2.26 0.00	30.25 2.77 0.00	28.13 2.32 0.00	24.68 1.98 0.00	23.73 2.03 0.00	20.47 1.68 -0.50	21.51 1.50 -3.52	20.49 1.65 -0.02	22.50 1.78 -0.37	24.97 1.98 0.00	24.64 2.15 0.00	27.12 2.56 0.00	25.45 2.19 0.00	27.20 2.37 0.00	32.14 2.57 0.00	31.58 2.45 0.00	29.64 2.38 0.00	23.97 1.75 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.90 0.91 0.00	21.64 0.80 0.00	19.51 0.78 0.00	19.51 0.81 0.00	22.45 0.90 0.00	24.05 1.16 0.00	28.53 1.75 0.00	29.67 2.19 0.00	27.61 1.81 0.00	24.24 1.54 0.00	23.32 1.62 0.00	20.19 1.40 -0.50	21.28 1.23 -3.55	20.21 1.36 -0.02	22.25 1.52 -0.38	24.63 1.64 0.00	24.37 1.88 0.00	26.95 2.39 0.00	25.29 2.03 0.00	26.91 2.08 0.00	31.77 2.21 0.00	31.13 2.00 0.00	29.01 1.75 0.00	23.45 1.23 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.92 0.92 0.00	21.65 0.81 0.00	19.51 0.79 0.00	19.51 0.81 0.00	22.46 0.90 0.00	24.06 1.16 0.00	28.54 1.76 0.00	29.68 2.20 0.00	27.62 1.81 0.00	24.25 1.55 0.00	23.34 1.63 0.00	20.21 1.42 -0.50	21.29 1.24 -3.55	20.22 1.37 -0.02	22.26 1.54 -0.38	24.64 1.65 0.00	24.38 1.89 0.00	26.97 2.40 0.00	25.30 2.05 0.00	26.93 2.11 0.00	31.80 2.23 0.00	31.16 2.02 0.00	29.03 1.77 0.00	23.47 1.26 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.88 0.89 0.00	21.62 0.78 0.00	19.49 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.03 1.13 0.00	28.49 1.72 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.22 1.52 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.28 1.23 -3.55	20.20 1.36 -0.02	22.24 1.52 -0.38	24.63 1.63 0.00	24.36 1.87 0.00	26.94 2.38 0.00	25.28 2.02 0.00	26.90 2.08 0.00	31.75 2.19 0.00	31.12 1.99 0.00	29.00 1.74 0.00	23.45 1.23 0.00
FARRAGUT___LBMP 323566	22.86 0.87 0.00	21.60 0.76 0.00	19.48 0.75 0.00	19.48 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.47 1.69 0.00	29.61 2.12 0.00	27.56 1.75 0.00	24.20 1.50 0.00	23.29 1.59 0.00	20.17 1.38 -0.50	21.26 1.21 -3.55	20.18 1.33 -0.02	22.22 1.50 -0.38	24.60 1.61 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.26 2.00 0.00	26.88 2.05 0.00	31.73 2.16 0.00	31.10 1.97 0.00	28.98 1.72 0.00	23.43 1.21 0.00
FENNER___WINDPWR 24204	22.26 0.26 0.00	21.11 0.27 0.00	18.97 0.25 0.00	18.97 0.27 0.00	21.88 0.32 0.00	23.24 0.35 0.00	27.21 0.43 0.00	27.95 0.47 0.00	26.16 0.35 0.00	22.89 0.19 0.00	21.86 0.15 0.00	18.38 0.09 0.00	16.51 0.01 0.00	18.79 -0.03 0.00	20.35 0.00 0.00	23.11 0.11 0.00	22.83 0.34 0.00	25.03 0.46 0.00	23.62 0.36 0.00	25.26 0.43 0.00	29.95 0.39 0.00	29.43 0.29 0.00	27.49 0.22 0.00	22.40 0.19 0.00
FIBERTEK___ENERGY 23856	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
FITZPATRICK___ 23598	21.23 -0.77 0.00	20.12 -0.72 0.00	18.07 -0.66 0.00	18.04 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.65 -1.12 0.00	26.22 -1.26 0.00	24.60 -1.21 0.00	21.67 -1.03 0.00	20.73 -0.97 0.00	17.48 -0.81 0.00	15.76 -0.74 0.00	17.99 -0.83 0.00	19.44 -0.91 0.00	21.97 -1.02 0.00	21.58 -0.90 0.00	23.59 -0.97 0.00	22.31 -0.94 0.00	23.90 -0.93 0.00	28.34 -1.22 0.00	27.93 -1.20 0.00	26.16 -1.11 0.00	21.43 -0.78 0.00
FLOWRFLD_69_KV_BK1 356044	23.42 1.42 0.00	22.09 1.25 0.00	19.75 1.02 0.00	19.64 0.93 0.00	22.65 1.09 0.00	24.38 1.49 0.00	29.07 2.29 0.00	30.37 2.89 0.00	28.36 2.55 0.00	24.85 2.15 0.00	23.89 2.18 0.00	20.53 1.75 -0.50	21.58 1.56 -3.52	20.45 1.61 -0.02	22.41 1.69 -0.37	24.89 1.90 0.00	24.83 2.34 0.00	27.32 2.76 0.00	25.56 2.30 0.00	27.44 2.61 0.00	32.47 2.91 0.00	31.96 2.82 0.00	29.64 2.38 0.00	24.06 1.84 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.00 1.00 0.00	21.72 0.89 0.00	19.55 0.82 0.00	19.55 0.85 0.00	22.54 0.98 0.00	24.12 1.22 0.00	28.54 1.77 0.00	29.65 2.17 0.00	27.59 1.78 0.00	24.18 1.48 0.00	23.20 1.50 0.00	19.55 1.26 0.00	17.60 1.10 0.00	20.05 1.23 0.00	21.76 1.41 0.00	24.56 1.57 0.00	24.30 1.82 0.00	26.85 2.28 0.00	25.23 1.98 0.00	26.92 2.10 0.00	31.78 2.22 0.00	31.16 2.03 0.00	29.07 1.81 0.00	23.53 1.32 0.00
FORT ORANGE___ 23900	22.25 0.25 0.00	21.07 0.24 0.00	18.99 0.26 0.00	18.99 0.29 0.00	21.86 0.31 0.00	23.30 0.40 0.00	27.41 0.64 0.00	28.36 0.88 0.00	26.41 0.60 0.00	23.16 0.46 0.00	22.12 0.42 0.00	18.61 0.31 0.00	16.77 0.27 0.00	19.14 0.32 0.00	20.83 0.48 0.00	23.59 0.60 0.00	23.25 0.76 0.00	25.63 1.07 0.00	24.10 0.85 0.00	25.68 0.86 0.00	30.38 0.81 0.00	29.82 0.69 0.00	27.85 0.59 0.00	22.60 0.38 0.00
FORT_DRUM_COGEN 23780	22.00 0.00 0.00	20.92 0.08 0.00	18.79 0.06 0.00	18.68 -0.02 0.00	21.39 -0.17 0.00	22.51 -0.38 0.00	26.00 -0.78 0.00	26.74 -0.75 0.00	25.06 -0.75 0.00	21.81 -0.89 0.00	20.42 -1.29 0.00	17.59 -1.24 -0.55	15.54 -1.10 -0.13	19.24 -1.28 -1.70	20.98 -1.13 -1.76	22.99 -0.76 -0.76	22.61 -0.49 -0.61	25.60 -0.72 -1.76	23.39 -0.95 -1.09	25.78 -0.97 -1.92	29.39 -0.90 -0.72	29.41 -0.79 -1.06	26.42 -0.85 0.00	21.35 -0.87 0.00
FOX_HILLS___ESR 323835	22.90 0.90 0.00	21.62 0.79 0.00	19.51 0.79 0.00	19.51 0.80 0.00	22.45 0.89 0.00	24.06 1.17 0.00	28.54 1.77 0.00	29.68 2.20 0.00	27.60 1.79 0.00	24.18 1.48 0.00	23.30 1.59 0.00	20.16 1.37 -0.50	21.24 1.20 -3.54	20.15 1.31 -0.02	22.22 1.50 -0.38	24.63 1.64 0.00	24.38 1.90 0.00	27.04 2.48 0.00	25.40 2.15 0.00	27.03 2.21 0.00	31.92 2.36 0.00	31.29 2.15 0.00	29.14 1.87 0.00	23.57 1.35 0.00
FPL_FAR_ROCK_GT1 24212	23.29 1.29 0.00	21.99 1.15 0.00	19.77 1.04 0.00	19.71 1.01 0.00	22.72 1.16 0.00	24.43 1.54 0.00	29.04 2.26 0.00	30.25 2.77 0.00	28.13 2.32 0.00	24.68 1.98 0.00	23.73 2.03 0.00	20.47 1.68 -0.50	21.51 1.50 -3.52	20.49 1.65 -0.02	22.50 1.78 -0.37	24.97 1.98 0.00	24.64 2.15 0.00	27.12 2.56 0.00	25.45 2.19 0.00	27.20 2.37 0.00	32.14 2.57 0.00	31.58 2.44 0.00	29.64 2.38 0.00	23.97 1.75 0.00
FPL_FAR_ROCK_GT2 23815	23.29 1.29 0.00	21.99 1.15 0.00	19.77 1.04 0.00	19.71 1.01 0.00	22.72 1.16 0.00	24.43 1.54 0.00	29.04 2.26 0.00	30.25 2.77 0.00	28.13 2.32 0.00	24.68 1.98 0.00	23.73 2.03 0.00	20.47 1.68 -0.50	21.51 1.50 -3.52	20.49 1.65 -0.02	22.50 1.78 -0.37	24.97 1.98 0.00	24.64 2.15 0.00	27.12 2.56 0.00	25.45 2.19 0.00	27.20 2.37 0.00	32.14 2.57 0.00	31.58 2.44 0.00	29.64 2.38 0.00	23.97 1.75 0.00



FRANKLIN_FALL_HYD 24054	22.86 0.86 0.00	21.72 0.88 0.00	19.51 0.78 0.00	19.23 0.53 0.00	22.20 0.64 0.00	23.44 0.55 0.00	27.26 0.49 0.00	27.67 0.19 0.00	26.18 0.38 0.00	22.92 0.22 0.00	21.63 -0.08 0.00	26.80 -0.22 -8.73	18.51 -0.15 -2.16	45.81 -0.20 -27.18	48.22 -0.29 -28.16	34.83 -0.34 -12.17	31.62 -0.60 -9.73	51.78 -0.87 -28.09	40.04 -0.68 -17.46	55.24 -0.60 -31.02	40.81 -0.33 -11.58	46.09 -0.19 -17.14	27.35 0.09 0.00	22.27 0.05 0.00
FREEPORT_EQUS_GT1 23764	23.19 1.19 0.00	21.88 1.04 0.00	19.64 0.92 0.00	19.57 0.87 0.00	22.56 1.00 0.00	24.27 1.38 0.00	28.86 2.08 0.00	30.10 2.62 0.00	27.99 2.19 0.00	24.56 1.86 0.00	23.61 1.90 0.00	20.35 1.56 -0.50	21.41 1.39 -3.52	20.35 1.51 -0.02	22.32 1.60 -0.37	24.76 1.76 0.00	24.62 2.13 0.00	27.12 2.56 0.00	25.42 2.16 0.00	27.20 2.37 0.00	32.14 2.58 0.00	31.62 2.48 0.00	29.47 2.20 0.00	23.84 1.62 0.00
FREEPORT___CT2 23818	23.19 1.19 0.00	21.88 1.04 0.00	19.64 0.92 0.00	19.57 0.87 0.00	22.56 1.00 0.00	24.27 1.38 0.00	28.86 2.08 0.00	30.10 2.62 0.00	27.99 2.19 0.00	24.56 1.86 0.00	23.61 1.90 0.00	20.35 1.56 -0.50	21.41 1.39 -3.52	20.35 1.51 -0.02	22.32 1.60 -0.37	24.76 1.76 0.00	24.62 2.13 0.00	27.12 2.56 0.00	25.42 2.16 0.00	27.20 2.37 0.00	32.14 2.58 0.00	31.62 2.48 0.00	29.47 2.20 0.00	23.84 1.62 0.00
FRESHKLS_33_KV_LOAD 356253	22.90 0.90 0.00	21.63 0.79 0.00	19.54 0.81 0.00	19.53 0.83 0.00	22.48 0.92 0.00	24.09 1.19 0.00	28.57 1.80 0.00	29.69 2.21 0.00	27.60 1.79 0.00	24.18 1.47 0.00	23.28 1.57 0.00	20.13 1.34 -0.50	21.22 1.18 -3.54	20.13 1.29 -0.02	22.20 1.48 -0.38	24.61 1.62 0.00	24.37 1.89 0.00	27.06 2.50 0.00	25.42 2.17 0.00	27.06 2.23 0.00	31.96 2.40 0.00	31.34 2.21 0.00	29.18 1.91 0.00	23.61 1.40 0.00
FULTON COGEN____ 23766	21.45 -0.55 0.00	20.31 -0.53 0.00	18.23 -0.50 0.00	18.21 -0.49 0.00	21.00 -0.56 0.00	22.26 -0.64 0.00	25.96 -0.82 0.00	26.52 -0.97 0.00	24.84 -0.97 0.00	21.88 -0.82 0.00	20.89 -0.82 0.00	17.60 -0.69 0.00	15.87 -0.63 0.00	18.11 -0.71 0.00	19.58 -0.77 0.00	22.18 -0.82 0.00	21.85 -0.64 0.00	23.91 -0.65 0.00	22.58 -0.68 0.00	24.21 -0.62 0.00	28.69 -0.88 0.00	28.25 -0.89 0.00	26.42 -0.85 0.00	21.63 -0.59 0.00
FULTON___LFGE 323630	24.29 2.29 0.00	22.94 2.10 0.00	20.56 1.83 0.00	20.50 1.81 0.00	23.67 2.11 0.00	25.24 2.35 0.00	29.77 2.99 0.00	30.65 3.17 0.00	28.63 2.82 0.00	24.84 2.14 0.00	22.63 0.92 0.00	18.93 0.65 0.00	17.00 0.50 0.00	19.37 0.55 0.00	21.09 0.74 0.00	24.81 1.82 0.00	25.12 2.64 0.00	27.61 3.04 0.00	26.03 2.77 0.00	27.74 2.91 0.00	32.95 3.39 0.00	32.42 3.29 0.00	30.11 2.85 0.00	24.41 2.19 0.00
G.F.CEMENT___DRP 24184	22.40 0.40 0.00	21.18 0.35 0.00	19.06 0.33 0.00	19.06 0.36 0.00	22.11 0.55 0.00	23.65 0.76 0.00	27.92 1.15 0.00	28.99 1.50 0.00	26.92 1.11 0.00	23.61 0.91 0.00	22.47 0.76 0.00	18.89 0.60 0.00	17.04 0.54 0.00	19.54 0.72 0.00	21.26 0.91 0.00	24.05 1.06 0.00	23.77 1.28 0.00	26.21 1.64 0.00	24.64 1.39 0.00	26.25 1.42 0.00	30.91 1.35 0.00	30.26 1.13 0.00	28.15 0.89 0.00	22.79 0.57 0.00
GARDENVILLE___LBMP 24039	20.60 -1.39 0.00	19.55 -1.28 0.00	17.47 -1.25 0.00	17.43 -1.27 0.00	20.17 -1.39 0.00	21.17 -1.73 0.00	24.52 -2.25 0.00	24.94 -2.54 0.00	23.39 -2.42 0.00	20.62 -2.08 0.00	19.70 -2.01 0.00	16.66 -1.63 0.00	15.09 -1.41 0.00	17.26 -1.56 0.00	18.39 -1.95 0.00	20.81 -2.18 0.00	20.54 -1.95 0.00	22.33 -2.24 0.00	20.88 -2.37 0.00	22.48 -2.34 0.00	26.98 -2.58 0.00	26.97 -2.16 0.00	25.16 -2.10 0.00	20.69 -1.53 0.00
GARDNVLA_35_KV_LD 355827	20.71 -1.29 0.00	19.65 -1.19 0.00	17.56 -1.17 0.00	17.51 -1.19 0.00	20.26 -1.30 0.00	21.26 -1.63 0.00	24.64 -2.13 0.00	25.08 -2.41 0.00	23.51 -2.29 0.00	20.73 -1.97 0.00	19.81 -1.90 0.00	16.74 -1.55 0.00	15.17 -1.34 0.00	17.35 -1.47 0.00	18.48 -1.86 0.00	20.92 -2.08 0.00	20.65 -1.84 0.00	22.45 -2.12 0.00	20.99 -2.27 0.00	22.59 -2.23 0.00	27.11 -2.45 0.00	27.10 -2.04 0.00	25.27 -1.99 0.00	20.77 -1.45 0.00
GELCKHM___115KV_LOAD 80723	21.70 -0.30 0.00	20.57 -0.26 0.00	18.47 -0.26 0.00	18.43 -0.27 0.00	21.27 -0.29 0.00	22.54 -0.35 0.00	26.33 -0.45 0.00	26.85 -0.63 0.00	25.15 -0.66 0.00	22.15 -0.56 0.00	21.15 -0.56 0.00	17.83 -0.46 0.00	16.07 -0.43 0.00	18.33 -0.49 0.00	19.82 -0.52 0.00	22.44 -0.56 0.00	22.06 -0.42 0.00	24.21 -0.35 0.00	22.85 -0.40 0.00	24.49 -0.34 0.00	29.04 -0.53 0.00	28.60 -0.54 0.00	26.74 -0.52 0.00	21.90 -0.32 0.00
GENERAL___MILLS 23808	20.68 -1.31 0.00	19.63 -1.21 0.00	17.54 -1.19 0.00	17.50 -1.20 0.00	20.25 -1.31 0.00	21.25 -1.65 0.00	24.62 -2.16 0.00	25.05 -2.43 0.00	23.49 -2.32 0.00	20.71 -1.99 0.00	19.78 -1.92 0.00	16.72 -1.56 0.00	15.15 -1.35 0.00	17.33 -1.49 0.00	18.47 -1.88 0.00	20.90 -2.09 0.00	20.63 -1.86 0.00	22.41 -2.15 0.00	20.96 -2.30 0.00	22.57 -2.26 0.00	27.09 -2.48 0.00	27.07 -2.07 0.00	25.24 -2.02 0.00	20.75 -1.47 0.00
GE_PLASTICS___DRP 24183	22.22 0.22 0.00	21.04 0.21 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.83 0.27 0.00	23.25 0.36 0.00	27.33 0.55 0.00	28.25 0.76 0.00	26.33 0.52 0.00	23.13 0.43 0.00	22.12 0.41 0.00	18.62 0.33 0.00	16.78 0.28 0.00	19.14 0.32 0.00	20.80 0.46 0.00	23.53 0.54 0.00	23.15 0.66 0.00	25.49 0.93 0.00	23.99 0.73 0.00	25.57 0.74 0.00	30.27 0.71 0.00	29.74 0.60 0.00	27.78 0.52 0.00	22.56 0.34 0.00
GILBOA___1 23756	22.34 0.34 0.00	21.13 0.30 0.00	19.01 0.28 0.00	19.00 0.30 0.00	21.91 0.35 0.00	23.34 0.45 0.00	27.44 0.67 0.00	28.36 0.88 0.00	26.46 0.65 0.00	23.25 0.55 0.00	22.25 0.55 0.00	18.75 0.46 0.00	16.89 0.39 0.00	19.26 0.44 0.00	20.87 0.53 0.00	23.58 0.59 0.00	23.21 0.73 0.00	25.55 0.98 0.00	24.06 0.81 0.00	25.66 0.83 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.92 0.65 0.00	22.67 0.45 0.00
GILBOA___2 23757	22.34 0.34 0.00	21.13 0.30 0.00	19.01 0.28 0.00	19.00 0.30 0.00	21.91 0.35 0.00	23.34 0.45 0.00	27.44 0.67 0.00	28.36 0.88 0.00	26.46 0.65 0.00	23.25 0.55 0.00	22.25 0.55 0.00	18.75 0.46 0.00	16.89 0.39 0.00	19.26 0.44 0.00	20.87 0.53 0.00	23.58 0.59 0.00	23.21 0.73 0.00	25.55 0.98 0.00	24.06 0.81 0.00	25.66 0.83 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.92 0.65 0.00	22.67 0.45 0.00
GILBOA___3 23758	22.34 0.34 0.00	21.13 0.30 0.00	19.01 0.28 0.00	19.00 0.30 0.00	21.91 0.35 0.00	23.34 0.45 0.00	27.44 0.67 0.00	28.36 0.88 0.00	26.46 0.65 0.00	23.25 0.55 0.00	22.25 0.55 0.00	18.75 0.46 0.00	16.89 0.39 0.00	19.26 0.44 0.00	20.87 0.53 0.00	23.58 0.59 0.00	23.21 0.73 0.00	25.55 0.98 0.00	24.06 0.81 0.00	25.66 0.83 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.92 0.65 0.00	22.67 0.45 0.00



GILBOA___4 23759	22.34 0.34 0.00	21.13 0.30 0.00	19.01 0.28 0.00	19.00 0.30 0.00	21.91 0.35 0.00	23.34 0.45 0.00	27.44 0.67 0.00	28.36 0.88 0.00	26.46 0.65 0.00	23.25 0.55 0.00	22.25 0.55 0.00	18.75 0.46 0.00	16.89 0.39 0.00	19.26 0.44 0.00	20.87 0.53 0.00	23.58 0.59 0.00	23.21 0.73 0.00	25.55 0.98 0.00	24.06 0.81 0.00	25.66 0.83 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.92 0.65 0.00	22.67 0.45 0.00
GILBOA____ 23599	22.34 0.34 0.00	21.13 0.30 0.00	19.01 0.28 0.00	19.00 0.30 0.00	21.91 0.35 0.00	23.35 0.45 0.00	27.44 0.67 0.00	28.36 0.88 0.00	26.46 0.65 0.00	23.24 0.55 0.00	22.25 0.55 0.00	18.75 0.46 0.00	16.89 0.39 0.00	19.26 0.44 0.00	20.88 0.53 0.00	23.58 0.59 0.00	23.21 0.73 0.00	25.55 0.98 0.00	24.06 0.81 0.00	25.66 0.83 0.00	30.39 0.83 0.00	29.86 0.72 0.00	27.92 0.65 0.00	22.67 0.45 0.00
GINNA____ 23603	20.21 -1.79 0.00	19.16 -1.68 0.00	17.19 -1.54 0.00	17.16 -1.54 0.00	19.85 -1.71 0.00	20.98 -1.91 0.00	24.44 -2.34 0.00	24.88 -2.60 0.00	23.34 -2.47 0.00	20.52 -2.18 0.00	19.62 -2.09 0.00	16.54 -1.75 0.00	14.95 -1.55 0.00	17.09 -1.73 0.00	18.41 -1.94 0.00	20.88 -2.11 0.00	20.60 -1.89 0.00	22.46 -2.11 0.00	21.16 -2.09 0.00	22.78 -2.04 0.00	26.54 -2.47 0.56	26.62 -2.33 0.19	24.97 -2.29 0.00	20.46 -1.76 0.00
GLEN PARK____ 23778	22.04 0.04 0.00	20.96 0.12 0.00	18.81 0.08 0.00	18.71 0.01 0.00	21.42 -0.13 0.00	22.56 -0.33 0.00	26.08 -0.70 0.00	26.83 -0.66 0.00	25.14 -0.67 0.00	21.88 -0.82 0.00	20.42 -1.29 0.00	17.56 -1.25 -0.52	15.52 -1.11 -0.13	19.16 -1.27 -1.61	20.95 -1.07 -1.67	23.04 -0.68 -0.72	22.67 -0.39 -0.58	25.64 -0.60 -1.67	23.45 -0.84 -1.04	25.80 -0.85 -1.82	29.46 -0.78 -0.68	29.45 -0.70 -1.01	26.49 -0.77 0.00	21.40 -0.82 0.00
GLENDALE_27_KV_LOAD 356172	22.93 0.94 0.00	21.66 0.82 0.00	19.53 0.80 0.00	19.52 0.81 0.00	22.47 0.91 0.00	24.07 1.17 0.00	28.55 1.78 0.00	29.72 2.24 0.00	27.67 1.86 0.00	24.28 1.58 0.00	23.40 1.69 0.00	20.27 1.47 -0.50	21.34 1.30 -3.54	20.27 1.43 -0.02	22.31 1.59 -0.38	24.71 1.72 0.00	24.46 1.97 0.00	27.06 2.49 0.00	25.40 2.15 0.00	27.02 2.19 0.00	31.89 2.33 0.00	31.25 2.12 0.00	29.11 1.85 0.00	23.54 1.33 0.00
GLENWOOD_IC_1_G5 23712	23.08 1.08 0.00	21.79 0.96 0.00	19.59 0.86 0.00	19.55 0.85 0.00	22.53 0.97 0.00	24.18 1.29 0.00	28.70 1.93 0.00	29.89 2.40 0.00	27.81 2.00 0.00	24.41 1.71 0.00	23.47 1.76 0.00	20.26 1.48 -0.50	21.32 1.31 -3.52	20.27 1.43 -0.02	22.27 1.55 -0.37	24.69 1.70 0.00	24.41 1.92 0.00	26.94 2.38 0.00	25.27 2.01 0.00	26.97 2.14 0.00	31.94 2.38 0.00	31.36 2.23 0.00	29.24 1.97 0.00	23.66 1.44 0.00
GLENWOOD_IC_2_G1 23688	22.95 0.95 0.00	21.68 0.84 0.00	19.51 0.78 0.00	19.48 0.78 0.00	22.45 0.89 0.00	24.07 1.18 0.00	28.55 1.77 0.00	29.70 2.22 0.00	27.64 1.83 0.00	24.26 1.56 0.00	23.33 1.62 0.00	20.15 1.36 -0.50	21.22 1.20 -3.52	20.16 1.32 -0.02	22.17 1.45 -0.37	24.57 1.58 0.00	24.32 1.83 0.00	26.86 2.29 0.00	25.20 1.95 0.00	26.87 2.05 0.00	31.75 2.19 0.00	31.17 2.04 0.00	29.07 1.80 0.00	23.52 1.31 0.00
GLENWOOD_IC_3_G1 23689	22.95 0.95 0.00	21.68 0.84 0.00	19.51 0.78 0.00	19.48 0.78 0.00	22.45 0.89 0.00	24.07 1.18 0.00	28.55 1.77 0.00	29.70 2.22 0.00	27.64 1.83 0.00	24.26 1.56 0.00	23.33 1.62 0.00	20.15 1.36 -0.50	21.22 1.20 -3.52	20.16 1.32 -0.02	22.17 1.45 -0.37	24.57 1.58 0.00	24.32 1.83 0.00	26.86 2.29 0.00	25.20 1.95 0.00	26.87 2.05 0.00	31.75 2.19 0.00	31.17 2.04 0.00	29.07 1.80 0.00	23.52 1.31 0.00
GLENWOOD___4 23550	23.08 1.08 0.00	21.79 0.96 0.00	19.59 0.86 0.00	19.55 0.85 0.00	22.53 0.97 0.00	24.18 1.29 0.00	28.70 1.93 0.00	29.89 2.40 0.00	27.81 2.00 0.00	24.41 1.71 0.00	23.47 1.76 0.00	20.26 1.48 -0.50	21.32 1.31 -3.52	20.27 1.43 -0.02	22.27 1.55 -0.37	24.69 1.70 0.00	24.44 1.95 0.00	26.97 2.40 0.00	25.29 2.04 0.00	27.00 2.17 0.00	31.94 2.38 0.00	31.36 2.23 0.00	29.24 1.97 0.00	23.66 1.44 0.00
GLENWOOD___5 23614	23.08 1.08 0.00	21.79 0.96 0.00	19.59 0.86 0.00	19.55 0.85 0.00	22.53 0.97 0.00	24.18 1.29 0.00	28.70 1.93 0.00	29.89 2.40 0.00	27.81 2.00 0.00	24.41 1.71 0.00	23.47 1.76 0.00	20.26 1.48 -0.50	21.32 1.31 -3.52	20.27 1.43 -0.02	22.27 1.55 -0.37	24.69 1.70 0.00	24.44 1.95 0.00	26.97 2.40 0.00	25.29 2.04 0.00	27.00 2.17 0.00	31.94 2.38 0.00	31.36 2.23 0.00	29.24 1.97 0.00	23.66 1.44 0.00
GLOBAL GREEN_PORT_GT1 23814	23.75 1.75 0.00	22.38 1.54 0.00	20.12 1.39 0.00	20.03 1.33 0.00	23.13 1.57 0.00	24.90 2.00 0.00	29.79 3.02 0.00	31.14 3.65 0.00	29.31 3.51 0.00	25.57 2.87 0.00	24.49 2.78 0.00	21.00 2.21 -0.50	21.98 1.97 -3.52	20.73 1.88 -0.02	22.71 1.99 -0.37	25.29 2.30 0.00	25.33 2.85 0.00	27.90 3.33 0.00	26.11 2.85 0.00	28.06 3.23 0.00	33.25 3.69 0.00	32.66 3.53 0.00	30.11 2.85 0.00	24.53 2.31 0.00
GLOBE___DSASP 323697	19.67 -2.33 0.00	18.73 -2.11 0.00	16.77 -1.96 0.00	16.74 -1.96 0.00	19.37 -2.18 0.00	20.27 -2.62 0.00	23.35 -3.43 0.00	23.66 -3.82 0.00	22.22 -3.59 0.00	19.64 -3.06 0.00	18.76 -2.94 0.00	15.90 -2.39 0.00	14.43 -2.07 0.00	16.52 -2.30 0.00	17.57 -2.78 0.00	19.84 -3.15 0.00	19.54 -2.94 0.00	21.18 -3.39 0.00	19.84 -3.41 0.00	21.41 -3.42 0.00	25.74 -3.82 0.00	25.87 -3.26 0.00	24.07 -3.19 0.00	19.94 -2.28 0.00
GOETHSLN___LBMP 323567	22.74 0.74 0.00	21.49 0.65 0.00	19.39 0.66 0.00	19.39 0.69 0.00	22.30 0.74 0.00	23.90 1.00 0.00	28.35 1.57 0.00	29.47 1.98 0.00	27.41 1.60 0.00	24.05 1.35 0.00	23.17 1.47 0.00	20.07 1.28 -0.50	21.18 1.13 -3.55	20.08 1.24 -0.02	22.13 1.41 -0.38	24.49 1.50 0.00	24.24 1.75 0.00	26.82 2.25 0.00	25.16 1.90 0.00	26.77 1.94 0.00	31.61 2.04 0.00	30.98 1.84 0.00	28.86 1.60 0.00	23.34 1.12 0.00
GOLAH___69_KV_TB 1_2 80279	21.53 -0.47 0.00	20.42 -0.42 0.00	18.28 -0.45 0.00	18.24 -0.45 0.00	21.14 -0.42 0.00	22.30 -0.59 0.00	26.05 -0.72 0.00	26.55 -0.93 0.00	24.89 -0.92 0.00	21.75 -0.95 0.00	20.62 -1.09 0.00	17.38 -0.91 0.00	15.72 -0.78 0.00	18.00 -0.83 0.00	19.35 -1.00 0.00	22.08 -0.92 0.00	21.91 -0.58 0.00	23.95 -0.62 0.00	22.20 -1.06 0.00	23.67 -1.15 0.00	28.19 -1.37 0.00	27.99 -1.15 0.00	26.05 -1.21 0.00	21.36 -0.86 0.00
GOODYEAR_LAKE_HYD 323669	22.80 0.80 0.00	21.59 0.75 0.00	19.38 0.65 0.00	19.36 0.66 0.00	22.34 0.78 0.00	23.78 0.89 0.00	27.93 1.16 0.00	28.75 1.27 0.00	26.89 1.09 0.00	23.64 0.94 0.00	22.59 0.88 0.00	19.01 0.72 0.00	17.12 0.62 0.00	19.50 0.68 0.00	21.03 0.68 0.00	23.80 0.81 0.00	23.48 1.00 0.00	25.76 1.20 0.00	24.30 1.05 0.00	25.91 1.08 0.00	30.75 1.18 0.00	30.26 1.12 0.00	28.26 1.00 0.00	22.98 0.76 0.00



GOUDEY___7 345031	21.97 -0.03 0.00	20.79 -0.05 0.00	18.64 -0.09 0.00	18.63 -0.07 0.00	21.49 -0.07 0.00	22.82 -0.08 0.00	26.73 -0.05 0.00	27.50 0.01 0.00	25.69 -0.12 0.00	22.59 -0.11 0.00	21.58 -0.12 0.00	18.19 -0.10 0.00	16.39 -0.11 0.00	18.68 -0.14 0.00	20.17 -0.17 0.00	22.83 -0.16 0.00	22.54 0.05 0.00	24.73 0.17 0.00	23.31 0.06 0.00	24.86 0.03 0.00	29.45 -0.11 0.00	28.98 -0.15 0.00	27.11 -0.15 0.00	22.10 -0.11 0.00
GOUDEY___7 23579	21.99 -0.01 0.00	20.81 -0.03 0.00	18.65 -0.08 0.00	18.65 -0.06 0.00	21.50 -0.06 0.00	22.83 -0.06 0.00	26.76 -0.02 0.00	27.52 0.04 0.00	25.71 -0.09 0.00	22.61 -0.09 0.00	21.61 -0.10 0.00	18.21 -0.08 0.00	16.40 -0.10 0.00	18.70 -0.12 0.00	20.19 -0.15 0.00	22.85 -0.14 0.00	22.57 0.08 0.00	24.76 0.19 0.00	23.34 0.08 0.00	24.89 0.06 0.00	29.48 -0.08 0.00	29.01 -0.13 0.00	27.14 -0.13 0.00	22.13 -0.09 0.00
GOUDEY___8 23580	21.97 -0.03 0.00	20.79 -0.05 0.00	18.64 -0.09 0.00	18.63 -0.07 0.00	21.49 -0.07 0.00	22.82 -0.08 0.00	26.73 -0.05 0.00	27.50 0.01 0.00	25.69 -0.12 0.00	22.59 -0.11 0.00	21.58 -0.12 0.00	18.19 -0.10 0.00	16.39 -0.11 0.00	18.68 -0.14 0.00	20.17 -0.17 0.00	22.83 -0.16 0.00	22.54 0.05 0.00	24.73 0.17 0.00	23.31 0.06 0.00	24.86 0.03 0.00	29.45 -0.11 0.00	28.98 -0.15 0.00	27.11 -0.15 0.00	22.10 -0.11 0.00
GOWANUS_GT1_1 24077	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_2 24078	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_3 24079	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_4 24080	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_5 24084	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_6 24111	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_7 24112	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT1_8 24113	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_1 24114	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_2 24115	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_3 24116	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_4 24117	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00



GOWANUS_GT2_5 24118	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_6 24119	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_7 24120	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT2_8 24121	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_1 24122	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_2 24123	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_3 24124	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_4 24125	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_5 24126	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_6 24127	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_7 24128	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT3_8 24129	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_1 24130	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_2 24131	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_3 24132	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00



GOWANUS_GT4_4 24133	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_5 24134	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_6 24135	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_7 24136	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GOWANUS_GT4_8 24137	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GREENBSH_115KV_TB3 55895	22.11 0.11 0.00	20.95 0.11 0.00	18.87 0.15 0.00	18.87 0.17 0.00	21.72 0.16 0.00	23.14 0.25 0.00	27.20 0.43 0.00	28.13 0.65 0.00	26.20 0.40 0.00	23.02 0.32 0.00	22.02 0.31 0.00	18.53 0.24 0.00	16.70 0.20 0.00	19.06 0.24 0.00	20.73 0.38 0.00	23.46 0.46 0.00	23.07 0.59 0.00	25.43 0.86 0.00	23.92 0.66 0.00	25.48 0.66 0.00	30.15 0.59 0.00	29.61 0.47 0.00	27.66 0.40 0.00	22.45 0.23 0.00
GREENDGE_115KV_TB5 80291	21.96 -0.04 0.00	20.73 -0.10 0.00	18.52 -0.21 0.00	18.47 -0.23 0.00	21.34 -0.22 0.00	22.68 -0.22 0.00	26.63 -0.15 0.00	27.07 -0.41 0.00	25.47 -0.34 0.00	22.38 -0.33 0.00	21.27 -0.44 0.00	17.86 -0.43 0.00	16.05 -0.45 0.00	18.29 -0.53 0.00	19.75 -0.60 0.00	22.46 -0.53 0.00	22.31 -0.18 0.00	24.43 -0.14 0.00	23.14 -0.13 -0.01	24.62 -0.21 0.00	29.16 -0.41 0.00	28.71 -0.43 0.00	26.75 -0.51 0.00	21.86 -0.36 0.00
GREENIDGE___3 23582	21.96 -0.04 0.00	20.73 -0.10 0.00	18.52 -0.21 0.00	18.47 -0.23 0.00	21.34 -0.22 0.00	22.68 -0.22 0.00	26.63 -0.15 0.00	27.07 -0.41 0.00	25.47 -0.34 0.00	22.38 -0.33 0.00	21.27 -0.44 0.00	17.86 -0.43 0.00	16.05 -0.45 0.00	18.29 -0.53 0.00	19.75 -0.60 0.00	22.46 -0.53 0.00	22.31 -0.18 0.00	24.43 -0.14 0.00	23.14 -0.13 -0.01	24.62 -0.21 0.00	29.16 -0.41 0.00	28.71 -0.43 0.00	26.75 -0.51 0.00	21.86 -0.36 0.00
GREENIDGE___4 23583	21.97 -0.03 0.00	20.74 -0.10 0.00	18.52 -0.21 0.00	18.47 -0.23 0.00	21.34 -0.21 0.00	22.68 -0.21 0.00	26.62 -0.15 0.00	27.08 -0.41 0.00	25.47 -0.34 0.00	22.38 -0.32 0.00	21.27 -0.44 0.00	17.86 -0.43 0.00	16.05 -0.45 0.00	18.29 -0.53 0.00	19.75 -0.60 0.00	22.46 -0.53 0.00	22.31 -0.18 0.00	24.43 -0.14 0.00	23.13 -0.13 -0.01	24.62 -0.20 0.00	29.63 -0.41 -0.48	28.87 -0.43 -0.17	26.75 -0.51 0.00	21.86 -0.36 0.00
GREENLWN_69_KV_BK 3 55738	23.34 1.35 0.00	22.02 1.18 0.00	19.53 0.80 0.00	19.41 0.71 0.00	22.37 0.81 0.00	24.07 1.18 0.00	28.61 1.84 0.00	29.87 2.39 0.00	27.80 1.99 0.00	24.42 1.72 0.00	23.53 1.82 0.00	20.27 1.48 -0.50	21.34 1.32 -3.52	20.25 1.41 -0.02	22.18 1.45 -0.37	24.57 1.58 0.00	24.41 1.93 0.00	26.91 2.35 0.00	25.18 1.92 0.00	26.94 2.11 0.00	31.86 2.30 0.00	31.41 2.27 0.00	29.28 2.02 0.00	23.74 1.52 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
GRISSOM___SOLAR 323813	24.29 2.29 0.00	22.94 2.10 0.00	20.56 1.83 0.00	20.50 1.81 0.00	23.67 2.11 0.00	25.24 2.35 0.00	29.77 2.99 0.00	30.65 3.17 0.00	28.63 2.82 0.00	24.84 2.14 0.00	22.63 0.92 0.00	18.93 0.65 0.00	17.00 0.50 0.00	19.37 0.55 0.00	21.09 0.74 0.00	24.81 1.82 0.00	25.12 2.64 0.00	27.61 3.04 0.00	26.03 2.77 0.00	27.74 2.91 0.00	32.95 3.39 0.00	32.42 3.29 0.00	30.11 2.85 0.00	24.41 2.19 0.00
GROVEVILLE___HYD 323602	23.00 1.00 0.00	21.72 0.89 0.00	19.55 0.82 0.00	19.55 0.85 0.00	22.54 0.98 0.00	24.12 1.22 0.00	28.54 1.77 0.00	29.65 2.17 0.00	27.59 1.78 0.00	24.18 1.48 0.00	23.20 1.50 0.00	19.55 1.26 0.00	17.60 1.10 0.00	20.05 1.23 0.00	21.76 1.41 0.00	24.56 1.57 0.00	24.30 1.82 0.00	26.85 2.28 0.00	25.23 1.98 0.00	26.92 2.10 0.00	31.78 2.22 0.00	31.16 2.03 0.00	29.07 1.81 0.00	23.53 1.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	22.18 0.19 0.00	21.05 0.21 0.00	18.88 0.15 0.00	18.81 0.11 0.00	21.75 0.19 0.00	23.08 0.18 0.00	27.05 0.28 0.00	27.57 0.08 0.00	25.79 -0.01 0.00	22.71 0.02 0.00	21.61 -0.10 0.00	18.21 -0.08 0.00	16.42 -0.08 0.00	18.70 -0.13 0.00	20.25 -0.10 0.00	22.97 -0.02 0.00	22.57 0.08 0.00	24.91 0.34 0.00	23.46 0.20 0.00	25.03 0.21 0.00	29.70 0.14 0.00	29.28 0.14 0.00	27.26 0.00 0.00	22.33 0.11 0.00



HAMPSHIRE___PAPER_HYD 323593	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00
HARDSCRABBLE_WT_PWR 323673	21.70 -0.30 0.00	20.60 -0.23 0.00	18.57 -0.16 0.00	18.55 -0.15 0.00	21.41 -0.15 0.00	22.91 0.02 0.00	27.15 0.38 0.00	28.14 0.66 0.00	26.11 0.31 0.00	22.82 0.12 0.00	21.81 0.10 0.00	18.33 0.04 0.00	16.51 0.01 0.00	18.80 -0.02 0.00	20.38 0.03 0.00	23.15 0.16 0.00	22.95 0.46 0.00	25.29 0.72 0.00	23.76 0.50 0.00	25.21 0.38 0.00	29.80 0.24 0.00	29.20 0.06 0.00	27.20 -0.07 0.00	21.95 -0.27 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.85 0.85 0.00	21.59 0.75 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.40 0.85 0.00	23.99 1.10 0.00	28.38 1.60 0.00	29.46 1.98 0.00	27.41 1.61 0.00	24.02 1.31 0.00	23.07 1.36 0.00	18.88 1.15 0.56	13.57 0.99 3.92	19.89 1.10 0.02	21.17 1.24 0.42	24.36 1.37 0.00	24.10 1.62 0.00	26.65 2.08 0.00	25.05 1.80 0.00	26.69 1.87 0.00	31.51 1.95 0.00	30.91 1.77 0.00	28.86 1.60 0.00	23.36 1.15 0.00
HARSNRAD_115KV_TB1 81005	20.25 -1.75 0.00	19.25 -1.59 0.00	17.22 -1.51 0.00	17.18 -1.52 0.00	19.89 -1.67 0.00	20.84 -2.05 0.00	24.09 -2.69 0.00	24.46 -3.03 0.00	22.97 -2.84 0.00	20.26 -2.44 0.00	19.32 -2.39 0.00	16.35 -1.94 0.00	14.82 -1.68 0.00	16.97 -1.85 0.00	18.10 -2.25 0.00	20.48 -2.52 0.00	20.21 -2.28 0.00	21.93 -2.64 0.00	20.49 -2.76 0.00	22.09 -2.74 0.00	26.50 -3.06 0.00	26.56 -2.58 0.00	24.74 -2.52 0.00	20.40 -1.82 0.00
HARZA MOOSE___RIVER 24016	22.32 0.33 0.00	21.18 0.35 0.00	19.03 0.30 0.00	18.96 0.26 0.00	21.78 0.22 0.00	23.02 0.13 0.00	26.80 0.02 0.00	27.65 0.17 0.00	25.90 0.09 0.00	22.59 -0.11 0.00	21.43 -0.27 0.00	18.34 -0.34 -0.39	16.29 -0.30 -0.10	19.59 -0.43 -1.20	21.22 -0.37 -1.25	23.43 -0.10 -0.54	23.07 0.15 -0.43	25.91 0.10 -1.24	23.92 -0.10 -0.77	26.05 -0.15 -1.37	30.09 0.02 -0.51	29.90 0.01 -0.76	27.22 -0.05 0.00	22.06 -0.16 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.62 -0.37 0.00	20.48 -0.36 0.00	18.38 -0.34 0.00	18.37 -0.34 0.00	21.18 -0.38 0.00	22.44 -0.46 0.00	26.19 -0.59 0.00	26.73 -0.75 0.00	25.04 -0.76 0.00	22.05 -0.64 0.00	21.08 -0.63 0.00	17.76 -0.53 0.00	16.02 -0.48 0.00	18.27 -0.55 0.00	19.75 -0.59 0.00	22.34 -0.65 0.00	21.98 -0.51 0.00	24.08 -0.48 0.00	22.74 -0.51 0.00	24.39 0.00 0.00	28.90 -0.67 0.00	28.45 -0.68 0.00	26.64 -0.62 0.00	21.81 -0.40 0.00
HELLGATE_13_KV_LD 55870	22.84 0.84 0.00	21.57 0.74 0.00	19.45 0.73 0.00	19.44 0.74 0.00	22.38 0.82 0.00	23.97 1.08 0.00	28.41 1.63 0.00	29.58 2.10 0.00	27.53 1.73 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.18 1.38 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.21 1.49 -0.38	24.59 1.60 0.00	24.33 1.85 0.00	26.93 2.36 0.00	25.27 2.02 0.00	26.88 2.06 0.00	31.73 2.16 0.00	31.10 1.96 0.00	28.97 1.71 0.00	23.43 1.21 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.84 0.84 0.00	21.57 0.74 0.00	19.45 0.73 0.00	19.44 0.74 0.00	22.38 0.82 0.00	23.97 1.08 0.00	28.41 1.63 0.00	29.58 2.10 0.00	27.53 1.73 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.18 1.38 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.21 1.49 -0.38	24.59 1.60 0.00	24.33 1.85 0.00	26.93 2.36 0.00	25.27 2.02 0.00	26.88 2.06 0.00	31.73 2.16 0.00	31.10 1.96 0.00	28.97 1.71 0.00	23.43 1.21 0.00
HEMPSTEAD____ 23647	23.03 1.03 0.00	21.74 0.91 0.00	19.53 0.80 0.00	19.46 0.76 0.00	22.44 0.89 0.00	24.12 1.23 0.00	28.69 1.91 0.00	29.88 2.40 0.00	27.81 2.00 0.00	24.40 1.70 0.00	23.46 1.75 0.00	20.23 1.45 -0.50	21.30 1.28 -3.52	20.23 1.39 -0.02	22.21 1.49 -0.37	24.62 1.62 0.00	24.42 1.94 0.00	26.93 2.36 0.00	25.23 1.98 0.00	26.96 2.13 0.00	31.87 2.31 0.00	31.33 2.20 0.00	29.21 1.95 0.00	23.65 1.43 0.00
HEWLETT__69_KV_BK3 55828	23.20 1.21 0.00	21.91 1.07 0.00	19.70 0.97 0.00	19.63 0.93 0.00	22.63 1.08 0.00	24.33 1.43 0.00	28.90 2.13 0.00	30.11 2.63 0.00	28.01 2.20 0.00	24.57 1.87 0.00	23.64 1.94 0.00	20.38 1.59 -0.50	21.44 1.42 -3.52	20.40 1.56 -0.02	22.40 1.68 -0.37	24.85 1.86 0.00	24.59 2.11 0.00	27.08 2.51 0.00	25.41 2.15 0.00	27.15 2.33 0.00	32.08 2.52 0.00	31.53 2.39 0.00	29.50 2.24 0.00	23.87 1.65 0.00
HICKLING___1 23621	21.87 -0.13 0.00	20.66 -0.17 0.00	18.41 -0.32 0.00	18.39 -0.31 0.00	21.18 -0.38 0.00	22.52 -0.37 0.00	26.47 -0.31 0.00	27.27 -0.22 0.00	25.40 -0.41 0.00	22.31 -0.39 0.00	21.23 -0.47 0.00	17.89 -0.40 0.00	16.08 -0.42 0.00	18.31 -0.51 0.00	19.75 -0.60 0.00	22.38 -0.61 0.00	22.26 -0.23 0.00	24.52 -0.05 0.00	23.12 -0.14 0.00	24.53 -0.30 0.00	28.97 -0.59 0.00	28.50 -0.64 0.00	26.66 -0.60 0.00	21.74 -0.48 0.00
HICKLING___2 23622	21.87 -0.13 0.00	20.66 -0.17 0.00	18.41 -0.32 0.00	18.39 -0.31 0.00	21.18 -0.38 0.00	22.52 -0.37 0.00	26.47 -0.31 0.00	27.27 -0.22 0.00	25.40 -0.41 0.00	22.31 -0.39 0.00	21.23 -0.47 0.00	17.89 -0.40 0.00	16.08 -0.42 0.00	18.31 -0.51 0.00	19.75 -0.60 0.00	22.38 -0.61 0.00	22.26 -0.23 0.00	24.52 -0.05 0.00	23.12 -0.14 0.00	24.53 -0.30 0.00	28.97 -0.59 0.00	28.50 -0.64 0.00	26.66 -0.60 0.00	21.74 -0.48 0.00
HIGH FALLS___HY 23754	23.12 1.12 0.00	21.83 0.99 0.00	19.64 0.91 0.00	19.62 0.92 0.00	22.65 1.09 0.00	24.25 1.36 0.00	28.74 1.96 0.00	29.82 2.34 0.00	27.75 1.95 0.00	24.26 1.56 0.00	23.24 1.53 0.00	19.54 1.25 0.00	17.59 1.09 0.00	20.04 1.22 0.00	21.75 1.40 0.00	24.58 1.59 0.00	24.40 1.91 0.00	26.97 2.40 0.00	25.38 2.13 0.00	27.01 2.19 0.00	31.89 2.33 0.00	31.28 2.15 0.00	29.21 1.94 0.00	23.65 1.43 0.00
HILLBURN___GT 23639	22.81 0.81 0.00	21.55 0.71 0.00	19.42 0.69 0.00	19.41 0.71 0.00	22.37 0.81 0.00	23.96 1.07 0.00	28.37 1.59 0.00	29.45 1.97 0.00	27.39 1.58 0.00	24.02 1.32 0.00	23.08 1.38 0.00	18.83 1.17 0.63	13.09 1.00 4.41	19.89 1.09 0.03	21.10 1.23 0.47	24.31 1.32 0.00	24.06 1.57 0.00	26.61 2.04 0.00	25.01 1.75 0.00	26.63 1.80 0.00	31.44 1.88 0.00	30.84 1.71 0.00	28.79 1.53 0.00	23.30 1.09 0.00
HILLSIDE_115KV_TB1 80332	21.55 -0.45 0.00	20.39 -0.45 0.00	18.19 -0.54 0.00	18.20 -0.50 0.00	20.96 -0.59 0.00	22.25 -0.64 0.00	26.10 -0.68 0.00	26.91 -0.58 0.00	25.08 -0.73 0.00	22.06 -0.64 0.00	21.03 -0.68 0.00	17.77 -0.52 0.00	16.00 -0.50 0.00	18.23 -0.60 0.00	19.63 -0.72 0.00	22.21 -0.78 0.00	22.01 -0.48 0.00	24.20 -0.37 0.00	22.79 -0.47 0.00	24.20 -0.62 0.00	28.63 -0.94 0.00	28.17 -0.97 0.00	26.39 -0.87 0.00	21.51 -0.70 0.00



HISHELDN_WT_PWR 323625	20.39 -1.60 0.00	19.25 -1.59 0.00	17.11 -1.62 0.00	17.01 -1.69 0.00	19.71 -1.85 0.00	20.67 -2.23 0.00	23.89 -2.88 0.00	24.41 -3.07 0.00	22.87 -2.94 0.00	20.13 -2.57 0.00	19.20 -2.51 0.00	16.22 -2.07 0.00	14.66 -1.84 0.00	16.76 -2.06 0.00	17.86 -2.48 0.00	20.23 -2.76 0.00	20.01 -2.48 0.00	21.70 -2.86 0.00	20.27 -2.98 0.00	21.88 -2.94 0.00	24.78 -3.15 1.63	25.93 -2.64 0.56	24.77 -2.49 0.00	20.38 -1.84 0.00
HOLTSVILLE_IC_1 23690	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
HOLTSVILLE_IC_10 23699	23.40 1.40 0.00	22.07 1.23 0.00	19.79 1.06 0.00	19.69 0.99 0.00	22.72 1.15 0.00	24.45 1.56 0.00	29.16 2.38 0.00	30.46 2.98 0.00	28.49 2.69 0.00	24.94 2.24 0.00	23.96 2.25 0.00	20.59 1.80 -0.50	21.62 1.60 -3.52	20.46 1.62 -0.02	22.43 1.70 -0.37	24.91 1.92 0.00	24.86 2.37 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.46 2.64 0.00	32.51 2.95 0.00	31.98 2.85 0.00	29.65 2.38 0.00	24.10 1.88 0.00
HOLTSVILLE_IC_2 23691	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
HOLTSVILLE_IC_3 23692	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
HOLTSVILLE_IC_4 23693	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
HOLTSVILLE_IC_5 23694	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
HOLTSVILLE_IC_6 23695	23.40 1.40 0.00	22.07 1.23 0.00	19.79 1.06 0.00	19.69 0.99 0.00	22.72 1.15 0.00	24.45 1.56 0.00	29.16 2.38 0.00	30.46 2.98 0.00	28.49 2.69 0.00	24.94 2.24 0.00	23.96 2.25 0.00	20.59 1.80 -0.50	21.62 1.60 -3.52	20.46 1.62 -0.02	22.43 1.70 -0.37	24.91 1.92 0.00	24.86 2.37 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.46 2.64 0.00	32.51 2.95 0.00	31.98 2.85 0.00	29.65 2.38 0.00	24.10 1.88 0.00
HOLTSVILLE_IC_7 23696	23.40 1.40 0.00	22.07 1.23 0.00	19.79 1.06 0.00	19.69 0.99 0.00	22.72 1.15 0.00	24.45 1.56 0.00	29.16 2.38 0.00	30.46 2.98 0.00	28.49 2.69 0.00	24.94 2.24 0.00	23.96 2.25 0.00	20.59 1.80 -0.50	21.62 1.60 -3.52	20.46 1.62 -0.02	22.43 1.70 -0.37	24.91 1.92 0.00	24.86 2.37 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.46 2.64 0.00	32.51 2.95 0.00	31.98 2.85 0.00	29.65 2.38 0.00	24.10 1.88 0.00
HOLTSVILLE_IC_8 23697	23.40 1.40 0.00	22.07 1.23 0.00	19.79 1.06 0.00	19.69 0.99 0.00	22.72 1.15 0.00	24.45 1.56 0.00	29.16 2.38 0.00	30.46 2.98 0.00	28.49 2.69 0.00	24.94 2.24 0.00	23.96 2.25 0.00	20.59 1.80 -0.50	21.62 1.60 -3.52	20.46 1.62 -0.02	22.43 1.70 -0.37	24.91 1.92 0.00	24.86 2.37 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.46 2.64 0.00	32.51 2.95 0.00	31.98 2.85 0.00	29.65 2.38 0.00	24.10 1.88 0.00
HOLTSVILLE_IC_9 23698	23.40 1.40 0.00	22.07 1.23 0.00	19.79 1.06 0.00	19.69 0.99 0.00	22.72 1.15 0.00	24.45 1.56 0.00	29.16 2.38 0.00	30.46 2.98 0.00	28.49 2.69 0.00	24.94 2.24 0.00	23.96 2.25 0.00	20.59 1.80 -0.50	21.62 1.60 -3.52	20.46 1.62 -0.02	22.43 1.70 -0.37	24.91 1.92 0.00	24.86 2.37 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.46 2.64 0.00	32.51 2.95 0.00	31.98 2.85 0.00	29.65 2.38 0.00	24.10 1.88 0.00
HOMER_HL_115KV_TB2 355744	21.80 -0.20 0.00	20.66 -0.17 0.00	18.50 -0.22 0.00	18.51 -0.19 0.00	21.42 -0.13 0.00	22.52 -0.37 0.00	26.20 -0.58 0.00	26.75 -0.74 0.00	24.99 -0.82 0.00	21.98 -0.72 0.00	21.13 -0.57 0.00	17.87 -0.42 0.00	16.20 -0.30 0.00	18.48 -0.34 0.00	19.75 -0.60 0.00	22.34 -0.65 0.00	22.03 -0.45 0.00	23.99 -0.58 0.00	22.46 -0.79 0.00	23.98 -0.84 0.00	28.56 -1.01 0.00	28.27 -0.87 0.00	26.46 -0.80 0.00	21.71 -0.51 0.00
HOWARD_WT_PWR 323690	21.51 -0.49 0.00	20.18 -0.66 0.00	17.85 -0.88 0.00	17.70 -1.01 0.00	20.42 -1.15 0.00	21.76 -1.13 0.00	25.83 -0.95 0.00	26.52 -0.97 0.00	24.49 -1.32 0.00	21.46 -1.24 0.00	20.35 -1.35 0.00	16.97 -1.32 0.00	15.10 -1.41 0.00	17.15 -1.67 0.00	18.61 -1.74 0.00	21.17 -1.82 0.00	21.31 -1.18 0.00	23.81 -0.76 0.00	22.54 -0.72 0.00	23.85 -0.98 0.00	28.90 -1.52 -0.86	27.89 -1.54 -0.30	25.50 -1.77 0.00	20.81 -1.41 0.00
HQ_GEN_CEDARS 23644	22.52 0.52 0.00	21.36 0.53 0.00	19.18 0.46 0.00	19.12 0.42 0.00	22.01 0.45 0.00	23.24 0.35 0.00	26.87 0.09 0.00	27.33 -0.15 0.00	25.88 0.07 0.00	22.91 0.22 0.00	21.85 0.15 0.00	18.99 0.13 -0.57	16.82 0.17 -0.14	20.81 0.23 -1.76	22.33 0.15 -1.83	23.94 0.16 -0.79	22.87 -0.25 -0.63	25.85 -0.54 -1.82	24.01 -0.37 -1.13	26.54 -0.30 -2.01	30.31 0.00 -0.75	30.45 0.20 -1.11	27.65 0.39 0.00	22.51 0.28 0.00
HQ_GEN_CEDARS_PROXY 323590	22.52 0.52 0.00	21.36 0.53 0.00	19.18 0.46 0.00	19.11 0.42 0.00	22.01 0.45 0.00	23.24 0.35 0.00	26.87 0.09 0.00	27.33 -0.15 0.00	25.88 0.07 0.00	22.91 0.21 0.00	21.85 0.15 0.00	18.99 0.13 -0.57	16.82 0.17 -0.14	21.04 0.23 -1.99	22.33 0.15 -1.83	25.74 0.16 -2.59	22.87 -0.25 -0.63	25.85 -0.54 -1.82	24.01 -0.38 -1.13	26.54 -0.30 -2.01	30.31 0.00 -0.75	30.45 0.20 -1.11	29.34 0.39 -1.69	22.42 0.28 0.08



HQ_GEN_IMPORT 323601	22.18 0.18 0.00	21.02 0.18 0.00	18.88 0.15 0.00	18.83 0.13 0.00	21.71 0.15 0.00	23.01 0.11 0.00	26.83 0.06 0.00	27.33 -0.15 0.00	25.85 0.04 0.00	22.77 0.07 0.00	21.74 0.03 0.00	20.32 0.04 -2.00	16.56 0.06 0.00	18.90 0.08 0.00	20.37 0.02 0.00	23.00 0.01 0.00	22.28 -0.21 0.00	24.15 -0.42 0.00	23.01 -0.25 0.00	24.62 -0.21 0.00	29.54 -0.03 0.00	29.20 0.06 0.00	27.36 0.09 -0.01	22.29 0.07 0.00
HQ_GEN_WHEEL 23651	22.18 0.18 0.00	21.02 0.18 0.00	18.88 0.15 0.00	18.83 0.13 0.00	21.71 0.15 0.00	23.01 0.11 0.00	26.83 0.06 0.00	27.33 -0.15 0.00	25.85 0.04 0.00	22.77 0.07 0.00	21.74 0.03 0.00	20.32 0.04 -2.00	16.56 0.06 0.00	18.90 0.08 0.00	20.37 0.02 0.00	23.00 0.01 0.00	22.28 -0.21 0.00	24.15 -0.42 0.00	23.01 -0.25 0.00	24.62 -0.21 0.00	29.54 -0.03 0.00	29.20 0.06 0.00	27.36 0.09 -0.01	22.29 0.07 0.00
HUDSON AVE_GT_3 23810	22.91 0.91 0.00	21.64 0.81 0.00	19.51 0.79 0.00	19.51 0.81 0.00	22.45 0.90 0.00	24.05 1.16 0.00	28.53 1.76 0.00	29.68 2.19 0.00	27.61 1.81 0.00	24.25 1.55 0.00	23.35 1.65 0.00	20.22 1.43 -0.50	21.30 1.25 -3.55	20.23 1.39 -0.02	22.28 1.55 -0.38	24.66 1.66 0.00	24.40 1.91 0.00	26.98 2.41 0.00	25.32 2.07 0.00	26.95 2.12 0.00	31.81 2.24 0.00	31.17 2.03 0.00	29.04 1.78 0.00	23.48 1.27 0.00
HUDSON AVE_GT_4 23540	22.91 0.91 0.00	21.64 0.81 0.00	19.51 0.79 0.00	19.51 0.81 0.00	22.45 0.90 0.00	24.05 1.16 0.00	28.53 1.76 0.00	29.68 2.19 0.00	27.61 1.81 0.00	24.25 1.55 0.00	23.35 1.65 0.00	20.22 1.43 -0.50	21.30 1.25 -3.55	20.23 1.39 -0.02	22.28 1.55 -0.38	24.66 1.66 0.00	24.40 1.91 0.00	26.98 2.41 0.00	25.32 2.07 0.00	26.95 2.12 0.00	31.81 2.24 0.00	31.17 2.03 0.00	29.04 1.78 0.00	23.48 1.27 0.00
HUDSON AVE_GT_5 23657	22.91 0.91 0.00	21.64 0.81 0.00	19.51 0.79 0.00	19.51 0.81 0.00	22.45 0.90 0.00	24.05 1.16 0.00	28.53 1.76 0.00	29.68 2.19 0.00	27.61 1.81 0.00	24.25 1.55 0.00	23.35 1.65 0.00	20.22 1.43 -0.50	21.30 1.25 -3.55	20.23 1.39 -0.02	22.28 1.55 -0.38	24.66 1.66 0.00	24.40 1.91 0.00	26.98 2.41 0.00	25.32 2.07 0.00	26.95 2.12 0.00	31.81 2.24 0.00	31.17 2.03 0.00	29.04 1.78 0.00	23.48 1.27 0.00
HUDSON_AVE_10 24168	22.85 0.85 0.00	21.58 0.74 0.00	19.46 0.73 0.00	19.45 0.75 0.00	22.39 0.83 0.00	23.98 1.09 0.00	28.44 1.67 0.00	29.59 2.10 0.00	27.53 1.72 0.00	24.19 1.50 0.00	23.31 1.61 0.00	20.19 1.39 -0.50	21.27 1.22 -3.55	20.19 1.35 -0.02	22.24 1.52 -0.38	24.61 1.62 0.00	24.34 1.86 0.00	26.92 2.35 0.00	25.28 2.02 0.00	26.90 2.07 0.00	31.74 2.18 0.00	31.10 1.96 0.00	28.97 1.71 0.00	23.43 1.21 0.00
HUDSON___115KV_TB 4 355613	22.62 0.63 0.00	21.43 0.59 0.00	19.29 0.56 0.00	19.29 0.59 0.00	22.22 0.66 0.00	23.70 0.80 0.00	27.98 1.20 0.00	28.94 1.46 0.00	26.91 1.10 0.00	23.54 0.84 0.00	22.39 0.69 0.00	18.80 0.51 0.00	16.95 0.45 0.00	19.35 0.53 0.00	21.09 0.74 0.00	23.96 0.97 0.00	23.71 1.22 0.00	26.17 1.60 0.00	24.60 1.34 0.00	26.15 1.32 0.00	30.95 1.38 0.00	30.35 1.22 0.00	28.31 1.05 0.00	22.95 0.73 0.00
HUNTER MOUNT___DRP 323613	22.76 0.76 0.00	21.56 0.72 0.00	19.40 0.67 0.00	19.41 0.70 0.00	22.37 0.81 0.00	23.86 0.96 0.00	28.21 1.43 0.00	29.18 1.69 0.00	27.12 1.31 0.00	23.66 0.96 0.00	22.46 0.76 0.00	18.84 0.55 0.00	16.97 0.47 0.00	19.40 0.58 0.00	21.17 0.83 0.00	24.11 1.12 0.00	23.90 1.42 0.00	26.39 1.82 0.00	24.78 1.52 0.00	26.31 1.49 0.00	31.15 1.58 0.00	30.53 1.40 0.00	28.44 1.18 0.00	23.06 0.84 0.00
HUNTINGTON_RES_REC 323705	23.36 1.36 0.00	22.03 1.19 0.00	19.61 0.89 0.00	19.50 0.80 0.00	22.49 0.93 0.00	24.20 1.31 0.00	28.82 2.05 0.00	30.10 2.61 0.00	28.05 2.25 0.00	24.61 1.91 0.00	23.67 1.97 0.00	20.38 1.59 -0.50	21.43 1.41 -3.52	20.32 1.48 -0.02	22.26 1.54 -0.37	24.71 1.72 0.00	24.61 2.12 0.00	27.12 2.56 0.00	25.36 2.11 0.00	27.17 2.35 0.00	32.16 2.60 0.00	31.68 2.54 0.00	29.46 2.20 0.00	23.90 1.68 0.00
HUNTLEY___63 23557	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.91 -1.98 0.00	24.19 -2.58 0.00	24.57 -2.91 0.00	23.06 -2.75 0.00	20.36 -2.34 0.00	19.44 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.56 -2.43 0.00	20.29 -2.20 0.00	22.03 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	26.65 -2.91 0.00	26.71 -2.42 0.00	24.87 -2.39 0.00	20.49 -1.73 0.00
HUNTLEY___64 23558	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.91 -1.98 0.00	24.19 -2.58 0.00	24.57 -2.91 0.00	23.06 -2.75 0.00	20.36 -2.34 0.00	19.44 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.56 -2.43 0.00	20.29 -2.20 0.00	22.03 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	26.65 -2.91 0.00	26.71 -2.42 0.00	24.87 -2.39 0.00	20.49 -1.73 0.00
HUNTLEY___65 23559	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.91 -1.98 0.00	24.19 -2.58 0.00	24.57 -2.91 0.00	23.06 -2.75 0.00	20.36 -2.34 0.00	19.44 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.56 -2.43 0.00	20.29 -2.20 0.00	22.03 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	26.65 -2.91 0.00	26.71 -2.42 0.00	24.87 -2.39 0.00	20.49 -1.73 0.00
HUNTLEY___66 23560	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.91 -1.98 0.00	24.19 -2.58 0.00	24.57 -2.91 0.00	23.06 -2.75 0.00	20.36 -2.34 0.00	19.44 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.56 -2.43 0.00	20.29 -2.20 0.00	22.03 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	26.65 -2.91 0.00	26.71 -2.42 0.00	24.87 -2.39 0.00	20.49 -1.73 0.00
HUNTLEY___67 23561	20.30 -1.69 0.00	19.30 -1.54 0.00	17.26 -1.47 0.00	17.23 -1.48 0.00	19.94 -1.62 0.00	20.89 -2.00 0.00	24.16 -2.62 0.00	24.54 -2.95 0.00	23.03 -2.78 0.00	20.32 -2.38 0.00	19.43 -2.28 0.00	16.44 -1.85 0.00	14.90 -1.59 0.00	17.06 -1.77 0.00	18.17 -2.18 0.00	20.54 -2.45 0.00	20.25 -2.23 0.00	21.98 -2.58 0.00	20.57 -2.68 0.00	22.19 -2.64 0.00	26.62 -2.94 0.00	26.64 -2.50 0.00	24.83 -2.43 0.00	20.45 -1.77 0.00
HUNTLEY___68 23562	20.30 -1.69 0.00	19.30 -1.54 0.00	17.26 -1.47 0.00	17.23 -1.48 0.00	19.94 -1.62 0.00	20.89 -2.00 0.00	24.16 -2.62 0.00	24.54 -2.95 0.00	23.03 -2.78 0.00	20.32 -2.38 0.00	19.43 -2.28 0.00	16.44 -1.85 0.00	14.90 -1.59 0.00	17.06 -1.77 0.00	18.17 -2.18 0.00	20.54 -2.45 0.00	20.25 -2.23 0.00	21.98 -2.58 0.00	20.57 -2.68 0.00	22.19 -2.64 0.00	26.62 -2.94 0.00	26.64 -2.50 0.00	24.83 -2.43 0.00	20.45 -1.77 0.00



HYLAND___LFGE 323620	22.13 0.13 0.00	20.88 0.05 0.00	18.61 -0.12 0.00	18.54 -0.16 0.00	21.45 -0.11 0.00	22.79 -0.10 0.00	26.85 0.07 0.00	27.64 0.16 0.00	25.65 -0.16 0.00	21.98 -0.72 0.00	20.58 -1.13 0.00	17.26 -1.03 0.00	15.54 -0.96 0.00	17.72 -1.09 0.00	19.10 -1.24 0.00	21.77 -1.22 0.00	22.36 -0.13 0.00	24.82 0.25 0.00	23.53 0.27 0.00	25.28 0.45 0.00	30.23 0.31 -0.36	29.51 0.25 -0.12	27.24 -0.02 0.00	22.24 0.02 0.00
INDECK___CORINTH 23802	22.08 0.08 0.00	20.87 0.04 0.00	18.78 0.05 0.00	18.78 0.08 0.00	21.77 0.21 0.00	23.28 0.39 0.00	27.47 0.69 0.00	28.51 1.03 0.00	26.50 0.69 0.00	23.26 0.56 0.00	22.16 0.45 0.00	18.63 0.34 0.00	16.81 0.31 0.00	19.31 0.49 0.00	20.99 0.64 0.00	23.68 0.69 0.00	23.39 0.90 0.00	25.79 1.22 0.00	24.25 1.00 0.00	25.83 1.01 0.00	30.44 0.88 0.00	29.85 0.71 0.00	27.76 0.50 0.00	22.47 0.26 0.00
INDECK___ILION 23567	21.92 -0.08 0.00	20.78 -0.06 0.00	18.70 -0.03 0.00	18.69 -0.01 0.00	21.56 0.00 0.00	23.00 0.11 0.00	27.10 0.32 0.00	28.07 0.59 0.00	26.18 0.38 0.00	22.95 0.25 0.00	21.91 0.20 0.00	18.42 0.13 0.00	16.59 0.09 0.00	18.90 0.08 0.00	20.51 0.16 0.00	23.25 0.26 0.00	22.95 0.47 0.00	25.26 0.69 0.00	23.80 0.54 0.00	25.28 0.46 0.00	29.96 0.39 0.00	29.41 0.27 0.00	27.43 0.17 0.00	22.25 0.03 0.00
INDECK___OLEAN 23982	21.81 -0.19 0.00	20.66 -0.17 0.00	18.51 -0.22 0.00	18.51 -0.19 0.00	21.43 -0.13 0.00	22.54 -0.36 0.00	26.18 -0.59 0.00	26.74 -0.74 0.00	24.99 -0.82 0.00	21.98 -0.72 0.00	21.13 -0.57 0.00	17.87 -0.42 0.00	16.20 -0.30 0.00	18.48 -0.34 0.00	19.75 -0.60 0.00	22.33 -0.66 0.00	22.03 -0.45 0.00	23.99 -0.57 0.00	22.47 -0.79 0.00	23.98 -0.85 0.00	26.29 -1.00 2.27	27.48 -0.87 0.78	26.46 -0.80 0.00	21.71 -0.51 0.00
INDECK___OSWEGO 23783	21.37 -0.63 0.00	20.25 -0.59 0.00	18.18 -0.54 0.00	18.16 -0.54 0.00	20.93 -0.63 0.00	22.17 -0.72 0.00	25.83 -0.95 0.00	26.41 -1.08 0.00	24.75 -1.06 0.00	21.78 -0.92 0.00	20.80 -0.91 0.00	17.52 -0.77 0.00	15.80 -0.70 0.00	18.02 -0.80 0.00	19.50 -0.84 0.00	22.09 -0.90 0.00	21.76 -0.73 0.00	23.79 -0.78 0.00	22.47 -0.79 0.00	24.07 -0.75 0.00	28.54 -1.02 0.00	28.13 -1.00 0.00	26.32 -0.94 0.00	21.55 -0.67 0.00
INDECK___YERKES 23781	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.92 -1.97 0.00	24.18 -2.60 0.00	24.56 -2.93 0.00	23.05 -2.76 0.00	20.35 -2.35 0.00	19.43 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.55 -2.44 0.00	20.30 -2.19 0.00	22.04 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	25.12 -2.92 1.52	26.19 -2.43 0.52	24.86 -2.40 0.00	20.48 -1.74 0.00
INDIAN POINT_GT_1 24139	22.79 0.79 0.00	21.55 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.36 0.79 0.00	23.93 1.04 0.00	28.33 1.56 0.00	29.44 1.95 0.00	27.38 1.57 0.00	24.02 1.31 0.00	23.08 1.38 0.00	20.07 1.18 -0.60	21.77 1.02 -4.25	19.96 1.12 -0.03	22.06 1.26 -0.45	24.35 1.36 0.00	24.09 1.60 0.00	26.63 2.07 0.00	25.03 1.77 0.00	26.64 1.81 0.00	31.45 1.89 0.00	30.85 1.71 0.00	28.79 1.52 0.00	23.31 1.09 0.00
INDIAN POINT_GT_2 23659	22.79 0.79 0.00	21.55 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.36 0.79 0.00	23.93 1.04 0.00	28.33 1.56 0.00	29.44 1.95 0.00	27.38 1.57 0.00	24.02 1.31 0.00	23.08 1.38 0.00	20.07 1.18 -0.60	21.77 1.02 -4.25	19.96 1.12 -0.03	22.06 1.26 -0.45	24.35 1.36 0.00	24.09 1.60 0.00	26.63 2.07 0.00	25.03 1.77 0.00	26.64 1.81 0.00	31.45 1.89 0.00	30.85 1.71 0.00	28.79 1.52 0.00	23.31 1.09 0.00
INDIAN POINT_GT_3 24019	22.79 0.79 0.00	21.55 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.36 0.79 0.00	23.93 1.04 0.00	28.33 1.56 0.00	29.44 1.95 0.00	27.38 1.57 0.00	24.02 1.31 0.00	23.08 1.38 0.00	20.07 1.18 -0.60	21.77 1.02 -4.25	19.96 1.12 -0.03	22.06 1.26 -0.45	24.35 1.36 0.00	24.09 1.60 0.00	26.63 2.07 0.00	25.03 1.77 0.00	26.64 1.81 0.00	31.45 1.89 0.00	30.85 1.71 0.00	28.79 1.52 0.00	23.31 1.09 0.00
INDIAN POINT___2 23530	22.77 0.77 0.00	21.52 0.69 0.00	19.39 0.66 0.00	19.38 0.68 0.00	22.34 0.78 0.00	23.92 1.03 0.00	28.31 1.53 0.00	29.40 1.92 0.00	27.35 1.54 0.00	23.99 1.29 0.00	23.06 1.35 0.00	20.20 1.16 -0.76	22.83 0.99 -5.34	19.94 1.09 -0.03	22.14 1.23 -0.57	24.31 1.32 0.00	24.04 1.56 0.00	26.59 2.03 0.00	24.98 1.73 0.00	26.61 1.78 0.00	31.41 1.85 0.00	30.82 1.68 0.00	28.75 1.49 0.00	23.28 1.06 0.00
INDIAN POINT___3 23531	22.78 0.78 0.00	21.53 0.69 0.00	19.40 0.67 0.00	19.39 0.69 0.00	22.35 0.78 0.00	23.93 1.03 0.00	28.31 1.54 0.00	29.41 1.93 0.00	27.36 1.55 0.00	23.99 1.29 0.00	23.07 1.36 0.00	20.06 1.16 -0.62	21.84 1.01 -4.34	19.95 1.10 -0.03	22.05 1.24 -0.46	24.32 1.33 0.00	24.06 1.58 0.00	26.61 2.04 0.00	24.99 1.73 0.00	26.61 1.78 0.00	31.41 1.84 0.00	30.82 1.68 0.00	28.76 1.50 0.00	23.28 1.06 0.00
INGHAM_C_115KV_TB7 356103	21.65 -0.35 0.00	20.54 -0.30 0.00	18.52 -0.21 0.00	18.52 -0.18 0.00	21.39 -0.17 0.00	22.91 0.02 0.00	27.20 0.43 0.00	28.30 0.82 0.00	26.25 0.44 0.00	22.93 0.23 0.00	21.82 0.11 0.00	18.31 0.02 0.00	16.48 -0.02 0.00	18.76 -0.06 0.00	20.41 0.07 0.00	23.22 0.23 0.00	23.09 0.60 0.00	25.56 0.99 0.00	24.02 0.76 0.00	25.47 0.64 0.00	30.07 0.51 0.00	29.38 0.25 0.00	27.34 0.08 0.00	22.05 -0.17 0.00
IP CORINTH___1 23988	22.20 0.20 0.00	20.99 0.15 0.00	18.88 0.15 0.00	18.88 0.18 0.00	21.88 0.33 0.00	23.41 0.52 0.00	27.62 0.84 0.00	28.66 1.18 0.00	26.65 0.84 0.00	23.38 0.68 0.00	22.27 0.56 0.00	18.73 0.44 0.00	16.90 0.40 0.00	19.41 0.59 0.00	21.10 0.75 0.00	23.80 0.81 0.00	23.52 1.03 0.00	25.93 1.36 0.00	24.39 1.13 0.00	25.97 1.15 0.00	30.61 1.05 0.00	30.00 0.86 0.00	27.92 0.65 0.00	22.59 0.38 0.00
IP___TICONDEROGA 23804	22.59 0.59 0.00	21.39 0.56 0.00	19.28 0.55 0.00	19.28 0.59 0.00	22.56 1.00 0.00	24.29 1.40 0.00	28.91 2.13 0.00	30.08 2.60 0.00	27.79 1.98 0.00	24.21 1.51 0.00	22.95 1.24 0.00	19.32 1.03 0.00	17.46 0.95 0.00	19.91 1.09 0.00	21.75 1.41 0.00	24.75 1.75 0.00	24.69 2.20 0.00	27.20 2.64 0.00	25.50 2.24 0.00	27.16 2.33 0.00	31.59 2.03 0.00	30.66 1.52 0.00	28.41 1.15 0.00	22.98 0.76 0.00
ISLIP_RES_REC 323679	23.49 1.49 0.00	22.16 1.32 0.00	19.87 1.14 0.00	19.77 1.07 0.00	22.82 1.26 0.00	24.56 1.67 0.00	29.30 2.53 0.00	30.62 3.14 0.00	28.64 2.83 0.00	25.06 2.36 0.00	24.06 2.36 0.00	20.65 1.86 -0.50	21.68 1.67 -3.52	20.53 1.69 -0.02	22.51 1.78 -0.37	25.02 2.02 0.00	24.97 2.48 0.00	27.49 2.92 0.00	25.71 2.45 0.00	27.59 2.76 0.00	32.66 3.10 0.00	32.12 2.98 0.00	29.76 2.49 0.00	24.18 1.96 0.00



JAMAICA__27_KV_LOAD 355505	23.08 1.08 0.00	21.78 0.95 0.00	19.64 0.91 0.00	19.63 0.93 0.00	22.60 1.05 0.00	24.20 1.30 0.00	28.68 1.91 0.00	29.84 2.35 0.00	27.75 1.94 0.00	24.43 1.73 0.00	23.54 1.83 0.00	20.39 1.59 -0.50	21.45 1.40 -3.55	20.40 1.56 -0.02	22.47 1.74 -0.38	24.86 1.87 0.00	24.56 2.07 0.00	27.15 2.59 0.00	25.54 2.28 0.00	27.17 2.35 0.00	32.05 2.49 0.00	31.37 2.23 0.00	29.22 1.96 0.00	23.64 1.42 0.00
JANIS__SOLAR 323808	22.86 0.87 0.00	21.68 0.84 0.00	19.45 0.72 0.00	19.49 0.79 0.00	22.56 1.00 0.00	23.98 1.08 0.00	28.14 1.36 0.00	28.85 1.37 0.00	26.97 1.17 0.00	23.59 0.89 0.00	22.38 0.67 0.00	18.72 0.43 0.00	16.80 0.30 0.00	19.10 0.28 0.00	20.64 0.29 0.00	23.58 0.59 0.00	23.54 1.06 0.00	25.86 1.29 0.00	24.35 1.10 0.00	25.92 1.09 0.00	31.22 1.29 -0.37	30.39 1.13 -0.13	28.16 0.90 0.00	22.97 0.76 0.00
JARVIS____ 23743	22.01 0.01 0.00	20.85 0.01 0.00	18.75 0.02 0.00	18.73 0.03 0.00	21.59 0.03 0.00	22.96 0.07 0.00	26.89 0.11 0.00	27.78 0.30 0.00	26.00 0.19 0.00	22.84 0.14 0.00	21.86 0.16 0.00	18.41 0.12 0.00	16.60 0.10 0.00	18.92 0.10 0.00	20.49 0.14 0.00	23.17 0.18 0.00	22.74 0.25 0.00	24.91 0.35 0.00	23.52 0.27 0.00	25.01 0.19 0.00	29.72 0.16 0.00	29.28 0.14 0.00	27.37 0.10 0.00	22.28 0.06 0.00
JENNISON____1 23625	22.64 0.64 0.00	21.57 0.73 0.00	19.36 0.63 0.00	19.48 0.78 0.00	22.49 0.93 0.00	23.83 0.93 0.00	27.83 1.05 0.00	28.55 1.07 0.00	26.72 0.91 0.00	23.56 0.86 0.00	22.46 0.76 0.00	18.84 0.55 0.00	16.94 0.43 0.00	19.21 0.39 0.00	20.73 0.39 0.00	23.57 0.58 0.00	23.33 0.84 0.00	25.52 0.95 0.00	23.99 0.73 0.00	25.48 0.65 0.00	30.26 0.69 0.00	29.66 0.52 0.00	27.74 0.47 0.00	22.69 0.47 0.00
JENNISON____2 23626	22.64 0.64 0.00	21.57 0.73 0.00	19.36 0.63 0.00	19.48 0.78 0.00	22.49 0.93 0.00	23.83 0.93 0.00	27.83 1.05 0.00	28.55 1.07 0.00	26.72 0.91 0.00	23.56 0.86 0.00	22.46 0.76 0.00	18.84 0.55 0.00	16.94 0.43 0.00	19.21 0.39 0.00	20.73 0.39 0.00	23.57 0.58 0.00	23.33 0.84 0.00	25.52 0.95 0.00	23.99 0.73 0.00	25.48 0.65 0.00	30.26 0.69 0.00	29.66 0.52 0.00	27.74 0.47 0.00	22.69 0.47 0.00
JERICOHO_RISE_WT_PWR 323719	22.61 0.61 0.00	21.50 0.66 0.00	19.32 0.60 0.00	18.99 0.29 0.00	21.95 0.39 0.00	23.21 0.31 0.00	27.04 0.26 0.00	27.35 -0.13 0.00	25.91 0.10 0.00	22.61 -0.09 0.00	21.28 -0.43 0.00	4.17 -0.54 13.58	12.72 -0.43 3.35	-23.98 -0.52 42.28	-24.11 -0.65 43.81	3.27 -0.79 18.94	6.34 -1.01 15.14	-20.47 -1.35 43.70	-5.02 -1.10 27.17	-24.46 -1.04 48.25	10.66 -0.89 18.02	1.69 -0.79 26.66	26.83 -0.43 0.00	21.90 -0.32 0.00
KATONAH__115KV_46KV_TB4 355592	22.94 0.95 0.00	21.67 0.84 0.00	19.52 0.79 0.00	19.52 0.82 0.00	22.50 0.94 0.00	24.08 1.19 0.00	28.52 1.74 0.00	29.62 2.14 0.00	27.55 1.75 0.00	24.18 1.48 0.00	23.22 1.52 0.00	19.86 1.28 -0.29	19.67 1.12 -2.05	20.08 1.25 -0.01	21.97 1.41 -0.22	24.52 1.53 0.00	24.26 1.77 0.00	26.84 2.27 0.00	25.21 1.96 0.00	26.87 2.04 0.00	31.72 2.15 0.00	31.10 1.96 0.00	29.00 1.73 0.00	23.46 1.24 0.00
KCE_NY_1 323755	22.64 0.64 0.00	21.41 0.57 0.00	19.25 0.53 0.00	19.25 0.55 0.00	22.26 0.70 0.00	23.75 0.85 0.00	27.96 1.18 0.00	28.95 1.47 0.00	26.94 1.14 0.00	23.67 0.97 0.00	22.58 0.87 0.00	18.97 0.68 0.00	17.09 0.59 0.00	19.55 0.73 0.00	21.25 0.90 0.00	24.06 1.07 0.00	23.71 1.22 0.00	26.13 1.56 0.00	24.59 1.33 0.00	26.20 1.37 0.00	30.98 1.42 0.00	30.40 1.26 0.00	28.32 1.06 0.00	22.96 0.75 0.00
KCE_NY_6_ESR 323823	20.71 -1.29 0.00	19.64 -1.20 0.00	17.56 -1.17 0.00	17.51 -1.19 0.00	20.27 -1.29 0.00	21.27 -1.62 0.00	24.60 -2.17 0.00	25.04 -2.45 0.00	23.49 -2.32 0.00	20.69 -2.01 0.00	19.77 -1.93 0.00	16.71 -1.58 0.00	15.14 -1.36 0.00	17.32 -1.50 0.00	18.46 -1.89 0.00	20.89 -2.10 0.00	20.61 -1.88 0.00	22.41 -2.15 0.00	20.95 -2.31 0.00	22.56 -2.26 0.00	25.36 -2.48 1.73	26.45 -2.09 0.60	25.22 -2.04 0.00	20.73 -1.48 0.00
KEDC_PORT_JEFF_GT2 24210	23.39 1.39 0.00	22.05 1.22 0.00	19.77 1.04 0.00	19.66 0.96 0.00	22.68 1.12 0.00	24.41 1.52 0.00	29.11 2.33 0.00	30.41 2.93 0.00	28.44 2.63 0.00	24.90 2.20 0.00	23.93 2.22 0.00	20.57 1.78 -0.50	21.60 1.58 -3.52	20.45 1.61 -0.02	22.40 1.68 -0.37	24.89 1.90 0.00	24.82 2.34 0.00	27.27 2.70 0.00	25.51 2.25 0.00	27.44 2.61 0.00	32.48 2.92 0.00	31.96 2.83 0.00	29.63 2.37 0.00	24.08 1.86 0.00
KEDC_PORT_JEFF_GT3 24211	23.39 1.39 0.00	22.05 1.22 0.00	19.77 1.04 0.00	19.66 0.96 0.00	22.68 1.12 0.00	24.41 1.52 0.00	29.11 2.33 0.00	30.41 2.93 0.00	28.44 2.63 0.00	24.90 2.20 0.00	23.93 2.22 0.00	20.57 1.78 -0.50	21.60 1.58 -3.52	20.45 1.61 -0.02	22.40 1.68 -0.37	24.89 1.90 0.00	24.82 2.34 0.00	27.27 2.70 0.00	25.51 2.25 0.00	27.44 2.61 0.00	32.48 2.92 0.00	31.96 2.83 0.00	29.63 2.37 0.00	24.08 1.86 0.00
KEDC_GLWD_GT4 24219	23.07 1.08 0.00	21.79 0.96 0.00	19.59 0.86 0.00	19.55 0.85 0.00	22.53 0.97 0.00	24.18 1.29 0.00	28.70 1.93 0.00	29.89 2.40 0.00	27.81 2.01 0.00	24.40 1.71 0.00	23.47 1.76 0.00	20.26 1.48 -0.50	21.32 1.31 -3.52	20.27 1.43 -0.02	22.27 1.55 -0.37	24.69 1.70 0.00	24.41 1.92 0.00	26.94 2.38 0.00	25.27 2.01 0.00	26.96 2.14 0.00	31.93 2.37 0.00	31.36 2.22 0.00	29.24 1.97 0.00	23.66 1.44 0.00
KEDC_GLWD_GT5 24220	23.07 1.08 0.00	21.79 0.96 0.00	19.59 0.86 0.00	19.55 0.85 0.00	22.53 0.97 0.00	24.18 1.29 0.00	28.70 1.93 0.00	29.89 2.40 0.00	27.81 2.01 0.00	24.40 1.71 0.00	23.47 1.76 0.00	20.26 1.48 -0.50	21.32 1.31 -3.52	20.27 1.43 -0.02	22.27 1.55 -0.37	24.69 1.70 0.00	24.41 1.92 0.00	26.94 2.38 0.00	25.27 2.01 0.00	26.96 2.14 0.00	31.93 2.37 0.00	31.36 2.22 0.00	29.24 1.97 0.00	23.66 1.44 0.00
KENSICO____ 23655	22.84 0.85 0.00	21.59 0.75 0.00	19.45 0.72 0.00	19.44 0.74 0.00	22.40 0.84 0.00	23.98 1.08 0.00	28.40 1.62 0.00	29.51 2.02 0.00	27.45 1.64 0.00	24.09 1.39 0.00	23.16 1.46 0.00	20.07 1.24 -0.54	21.40 1.08 -3.82	20.04 1.20 -0.02	22.10 1.34 -0.41	24.44 1.45 0.00	24.18 1.69 0.00	26.73 2.16 0.00	25.10 1.85 0.00	26.72 1.89 0.00	31.54 1.98 0.00	30.94 1.80 0.00	28.86 1.60 0.00	23.36 1.14 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.14 1.14 0.00	21.84 1.01 0.00	19.65 0.92 0.00	19.64 0.94 0.00	22.66 1.10 0.00	24.26 1.37 0.00	28.74 1.97 0.00	29.83 2.35 0.00	27.75 1.95 0.00	24.25 1.55 0.00	23.22 1.51 0.00	19.43 1.23 0.09	16.97 1.07 0.60	20.04 1.22 0.00	21.69 1.40 0.06	24.60 1.61 0.00	24.42 1.94 0.00	27.00 2.43 0.00	25.41 2.15 0.00	27.04 2.21 0.00	31.92 2.36 0.00	31.30 2.17 0.00	29.22 1.95 0.00	23.65 1.43 0.00



KIAC_JFK_GT1 23816	23.01 1.01 0.00	21.71 0.87 0.00	19.58 0.85 0.00	19.57 0.87 0.00	22.53 0.97 0.00	24.12 1.22 0.00	28.57 1.80 0.00	29.72 2.24 0.00	27.65 1.84 0.00	24.35 1.65 0.00	23.46 1.76 0.00	20.33 1.54 -0.50	21.40 1.34 -3.55	20.33 1.49 -0.02	22.40 1.68 -0.38	24.79 1.80 0.00	24.48 1.99 0.00	27.06 2.49 0.00	25.45 2.19 0.00	27.08 2.25 0.00	31.93 2.37 0.00	31.25 2.11 0.00	29.11 1.85 0.00	23.56 1.34 0.00
KIAC_JFK_GT2 23817	23.01 1.01 0.00	21.71 0.87 0.00	19.58 0.85 0.00	19.57 0.87 0.00	22.53 0.97 0.00	24.12 1.22 0.00	28.57 1.80 0.00	29.72 2.24 0.00	27.65 1.84 0.00	24.35 1.65 0.00	23.46 1.76 0.00	20.33 1.54 -0.50	21.40 1.34 -3.55	20.33 1.49 -0.02	22.40 1.68 -0.38	24.79 1.80 0.00	24.48 1.99 0.00	27.06 2.49 0.00	25.45 2.19 0.00	27.08 2.25 0.00	31.93 2.37 0.00	31.25 2.11 0.00	29.11 1.85 0.00	23.56 1.34 0.00
KIAC_JFK____ 323774	23.00 1.01 0.00	21.71 0.87 0.00	19.58 0.85 0.00	19.57 0.87 0.00	22.53 0.97 0.00	24.11 1.22 0.00	28.58 1.81 0.00	29.73 2.24 0.00	27.65 1.85 0.00	24.35 1.65 0.00	23.46 1.76 0.00	20.33 1.54 -0.50	21.39 1.34 -3.55	20.33 1.49 -0.02	22.40 1.68 -0.38	24.78 1.79 0.00	24.47 1.99 0.00	27.06 2.49 0.00	25.45 2.19 0.00	27.08 2.25 0.00	31.93 2.37 0.00	31.25 2.12 0.00	29.11 1.85 0.00	23.56 1.34 0.00
KINTIGH____ 23543	20.26 -1.74 0.00	19.25 -1.58 0.00	17.26 -1.47 0.00	17.23 -1.47 0.00	19.93 -1.63 0.00	20.91 -1.98 0.00	24.21 -2.57 0.00	24.59 -2.89 0.00	23.08 -2.72 0.00	20.36 -2.34 0.00	19.50 -2.21 0.00	16.49 -1.80 0.00	14.95 -1.55 0.00	17.11 -1.71 0.00	18.28 -2.06 0.00	20.67 -2.32 0.00	20.37 -2.12 0.00	22.12 -2.45 0.00	20.78 -2.48 0.00	22.41 -2.42 0.00	26.79 -2.78 0.00	26.72 -2.42 0.00	24.92 -2.34 0.00	20.50 -1.72 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.96 0.96 0.00	21.84 1.01 0.00	19.66 0.93 0.00	19.32 0.62 0.00	22.32 0.76 0.00	23.56 0.67 0.00	27.54 0.76 0.00	27.91 0.43 0.00	26.35 0.54 0.00	22.98 0.28 0.00	21.61 -0.09 0.00	5.14 -0.29 12.86	13.08 -0.25 3.18	-21.55 -0.33 40.04	-21.57 -0.43 41.48	4.58 -0.48 17.93	7.52 -0.63 14.34	-17.81 -0.98 41.39	-3.19 -0.71 25.73	-21.48 -0.62 45.69	12.06 -0.44 17.06	3.53 -0.35 25.25	27.27 0.01 0.00	22.26 0.05 0.00
LACHUTE____HYDRO 323717	22.59 0.59 0.00	21.39 0.55 0.00	19.28 0.55 0.00	19.28 0.59 0.00	22.56 1.01 0.00	24.29 1.40 0.00	28.91 2.14 0.00	30.08 2.60 0.00	27.78 1.98 0.00	24.21 1.51 0.00	22.95 1.24 0.00	19.32 1.03 0.00	17.46 0.95 0.00	19.91 1.09 0.00	21.75 1.41 0.00	24.75 1.75 0.00	24.69 2.20 0.00	27.20 2.64 0.00	25.50 2.24 0.00	27.16 2.33 0.00	31.59 2.03 0.00	30.66 1.52 0.00	28.41 1.15 0.00	22.98 0.76 0.00
LAWRNCV_115KV_TB1 80681	22.47 0.48 0.00	21.33 0.49 0.00	19.15 0.42 0.00	19.05 0.35 0.00	21.88 0.33 0.00	23.00 0.11 0.00	26.53 -0.25 0.00	27.00 -0.49 0.00	25.54 -0.27 0.00	22.57 -0.13 0.00	21.52 -0.19 0.00	19.74 -0.18 -1.63	16.80 -0.10 -0.40	23.80 -0.09 -5.07	25.43 -0.17 -5.26	25.10 -0.16 -2.27	23.71 -0.59 -1.82	28.89 -0.93 -5.24	25.77 -0.74 -3.26	29.94 -0.67 -5.79	31.39 -0.33 -2.16	32.34 0.01 -3.20	27.50 0.23 0.00	22.36 0.14 0.00
LEDERLE____ 23769	22.87 0.87 0.00	21.61 0.77 0.00	19.47 0.74 0.00	19.46 0.76 0.00	22.43 0.87 0.00	24.03 1.13 0.00	28.44 1.67 0.00	29.54 2.06 0.00	27.47 1.66 0.00	24.09 1.39 0.00	23.15 1.44 0.00	18.83 1.23 0.69	12.71 1.06 4.84	19.95 1.16 0.03	21.12 1.30 0.52	24.39 1.40 0.00	24.14 1.65 0.00	26.70 2.13 0.00	25.09 1.84 0.00	26.72 1.90 0.00	31.54 1.98 0.00	30.94 1.80 0.00	28.87 1.61 0.00	23.37 1.15 0.00
LIGHTHSE_115KV_TB6 355974	21.51 -0.49 0.00	20.41 -0.43 0.00	18.32 -0.41 0.00	18.28 -0.43 0.00	21.02 -0.54 0.00	22.23 -0.67 0.00	25.84 -0.94 0.00	26.44 -1.04 0.00	24.78 -1.03 0.00	21.72 -0.97 0.00	20.61 -1.09 0.00	17.32 -0.97 0.00	15.61 -0.89 0.00	17.81 -1.01 0.00	19.35 -1.00 0.00	22.07 -0.92 0.00	21.78 -0.71 0.00	23.77 -0.79 0.00	22.38 -0.88 0.00	23.98 -0.84 0.00	28.54 -1.02 0.00	28.23 -0.91 0.00	26.40 -0.86 0.00	21.51 -0.71 0.00
LINDEN COGEN____ 23786	22.73 0.73 0.00	21.48 0.64 0.00	19.39 0.66 0.00	19.38 0.68 0.00	22.28 0.73 0.00	23.88 0.99 0.00	28.34 1.57 0.00	29.46 1.97 0.00	27.39 1.59 0.00	24.03 1.34 0.01	23.16 1.45 0.00	20.06 1.27 -0.50	21.17 1.12 -3.55	20.08 1.23 -0.02	22.12 1.39 -0.38	24.48 1.49 0.00	24.23 1.74 0.00	26.80 2.24 0.00	25.14 1.89 0.00	26.76 1.93 0.00	31.59 2.03 0.00	30.97 1.83 0.00	28.85 1.59 0.00	23.33 1.11 0.00
LINDHRST_69_KV_BK1 356055	23.42 1.42 0.00	22.09 1.26 0.00	19.80 1.07 0.00	19.71 1.01 0.00	22.73 1.17 0.00	24.47 1.58 0.00	29.14 2.37 0.00	30.43 2.94 0.00	28.34 2.53 0.00	24.83 2.13 0.00	23.85 2.14 0.00	20.53 1.74 -0.50	21.57 1.56 -3.52	20.50 1.65 -0.02	22.46 1.73 -0.37	24.93 1.94 0.00	24.83 2.34 0.00	27.35 2.78 0.00	25.60 2.34 0.00	27.43 2.60 0.00	32.44 2.88 0.00	31.95 2.81 0.00	29.73 2.47 0.00	24.08 1.87 0.00
LIPA_MISC_IPP 23656	23.21 1.21 0.00	21.89 1.05 0.00	19.66 0.93 0.00	19.56 0.86 0.00	22.57 1.01 0.00	24.27 1.38 0.00	28.98 2.21 0.00	30.28 2.80 0.00	28.46 2.65 0.00	24.88 2.18 0.00	23.89 2.19 0.00	20.53 1.74 -0.50	21.56 1.55 -3.52	20.30 1.45 -0.02	22.24 1.51 -0.37	24.69 1.70 0.00	24.66 2.17 0.00	27.12 2.55 0.00	25.36 2.11 0.00	27.25 2.42 0.00	32.31 2.75 0.00	31.77 2.63 0.00	29.38 2.12 0.00	23.96 1.74 0.00
LISF____SOLAR 323691	23.24 1.24 0.00	21.91 1.08 0.00	19.69 0.96 0.00	19.59 0.89 0.00	22.60 1.05 0.00	24.31 1.42 0.00	29.04 2.27 0.00	30.34 2.86 0.00	28.51 2.70 0.00	24.91 2.21 0.00	23.92 2.21 0.00	20.54 1.75 -0.50	21.58 1.56 -3.52	20.31 1.47 -0.02	22.26 1.54 -0.37	24.73 1.74 0.00	24.71 2.22 0.00	27.19 2.62 0.00	25.43 2.18 0.00	27.32 2.49 0.00	32.37 2.81 0.00	31.84 2.71 0.00	29.43 2.17 0.00	24.00 1.78 0.00
LITTLE FALLS____HYD 24013	21.65 -0.35 0.00	20.54 -0.30 0.00	18.52 -0.21 0.00	18.52 -0.18 0.00	21.39 -0.17 0.00	22.91 0.02 0.00	27.20 0.43 0.00	28.30 0.82 0.00	26.25 0.44 0.00	22.93 0.23 0.00	21.82 0.11 0.00	18.31 0.02 0.00	16.48 -0.02 0.00	18.76 -0.06 0.00	20.41 0.07 0.00	23.22 0.23 0.00	23.09 0.60 0.00	25.56 0.99 0.00	24.02 0.76 0.00	25.47 0.64 0.00	30.07 0.51 0.00	29.38 0.25 0.00	27.34 0.08 0.00	22.05 -0.17 0.00
LITTLRIV_115KV_TB1 356100	22.75 0.75 0.00	21.60 0.76 0.00	19.39 0.66 0.00	19.31 0.61 0.00	22.22 0.66 0.00	23.42 0.52 0.00	27.07 0.30 0.00	27.57 0.08 0.00	26.01 0.20 0.00	22.94 0.24 0.00	21.85 0.14 0.00	20.19 0.10 -1.80	17.11 0.16 -0.45	24.69 0.25 -5.62	26.36 0.20 -5.82	25.77 0.26 -2.52	24.33 -0.17 -2.01	29.91 -0.46 -5.80	26.61 -0.26 -3.61	31.11 -0.12 -6.40	32.26 0.30 -2.39	33.25 0.57 -3.54	27.96 0.70 0.00	22.72 0.50 0.00



LI_NEWBRDGE___DRP 323616	22.94 0.94 0.00	21.67 0.83 0.00	19.47 0.74 0.00	19.40 0.70 0.00	22.37 0.81 0.00	24.05 1.15 0.00	28.58 1.80 0.00	29.79 2.30 0.00	27.73 1.92 0.00	24.35 1.65 0.00	23.40 1.69 0.00	20.18 1.39 -0.50	21.26 1.24 -3.52	20.18 1.33 -0.02	22.14 1.42 -0.37	24.54 1.55 0.00	24.37 1.88 0.00	26.85 2.28 0.00	25.16 1.90 0.00	26.90 2.07 0.00	31.79 2.23 0.00	31.27 2.14 0.00	29.15 1.89 0.00	23.60 1.39 0.00
LOCKPORT_115KV_TB60_63_64 80432	20.27 -1.73 0.00	19.28 -1.56 0.00	17.24 -1.49 0.00	17.21 -1.49 0.00	19.92 -1.64 0.00	20.88 -2.02 0.00	24.14 -2.64 0.00	24.51 -2.97 0.00	23.01 -2.79 0.00	20.29 -2.40 0.00	19.34 -2.36 0.00	16.37 -1.92 0.00	14.84 -1.66 0.00	17.00 -1.82 0.00	18.12 -2.22 0.00	20.52 -2.47 0.00	20.25 -2.23 0.00	21.99 -2.58 0.00	20.54 -2.71 0.00	22.14 -2.68 0.00	26.56 -3.00 0.00	26.61 -2.52 0.00	24.79 -2.47 0.00	20.43 -1.79 0.00
LOCKPORT___CC1 323769	20.26 -1.74 0.00	19.25 -1.59 0.00	17.22 -1.51 0.00	17.18 -1.52 0.00	19.90 -1.66 0.00	20.85 -2.04 0.00	24.07 -2.70 0.00	24.45 -3.03 0.00	22.96 -2.85 0.00	20.25 -2.45 0.00	19.32 -2.39 0.00	16.34 -1.94 0.00	14.82 -1.68 0.00	16.98 -1.84 0.00	18.10 -2.25 0.00	20.47 -2.52 0.00	20.21 -2.27 0.00	21.93 -2.63 0.00	20.49 -2.76 0.00	22.09 -2.74 0.00	25.12 -3.06 1.38	26.08 -2.58 0.47	24.74 -2.52 0.00	20.39 -1.83 0.00
LOCKPORT___CC2 323770	20.26 -1.74 0.00	19.25 -1.59 0.00	17.22 -1.51 0.00	17.18 -1.52 0.00	19.90 -1.66 0.00	20.85 -2.04 0.00	24.07 -2.70 0.00	24.45 -3.03 0.00	22.96 -2.85 0.00	20.25 -2.45 0.00	19.32 -2.39 0.00	16.34 -1.94 0.00	14.82 -1.68 0.00	16.98 -1.84 0.00	18.10 -2.25 0.00	20.47 -2.52 0.00	20.21 -2.27 0.00	21.93 -2.63 0.00	20.49 -2.76 0.00	22.09 -2.74 0.00	25.12 -3.06 1.38	26.08 -2.58 0.47	24.74 -2.52 0.00	20.39 -1.83 0.00
LOCKPORT___CC3 323771	20.26 -1.74 0.00	19.25 -1.59 0.00	17.22 -1.51 0.00	17.18 -1.52 0.00	19.90 -1.66 0.00	20.85 -2.04 0.00	24.07 -2.70 0.00	24.45 -3.03 0.00	22.96 -2.85 0.00	20.25 -2.45 0.00	19.32 -2.39 0.00	16.34 -1.94 0.00	14.82 -1.68 0.00	16.98 -1.84 0.00	18.10 -2.25 0.00	20.47 -2.52 0.00	20.21 -2.27 0.00	21.93 -2.63 0.00	20.49 -2.76 0.00	22.09 -2.74 0.00	25.12 -3.06 1.38	26.08 -2.58 0.47	24.74 -2.52 0.00	20.39 -1.83 0.00
LONG_LAKE_PHOENIX 24014	21.45 -0.55 0.00	20.31 -0.53 0.00	18.23 -0.50 0.00	18.21 -0.49 0.00	21.00 -0.56 0.00	22.26 -0.64 0.00	25.96 -0.82 0.00	26.52 -0.97 0.00	24.84 -0.97 0.00	21.88 -0.82 0.00	20.89 -0.82 0.00	17.60 -0.69 0.00	15.87 -0.63 0.00	18.11 -0.71 0.00	19.58 -0.77 0.00	22.18 -0.82 0.00	21.85 -0.64 0.00	23.91 -0.65 0.00	22.58 -0.68 0.00	24.21 -0.62 0.00	28.69 -0.88 0.00	28.25 -0.89 0.00	26.42 -0.85 0.00	21.63 -0.59 0.00
LOVETT___3 23632	22.77 0.77 0.00	21.51 0.68 0.00	19.39 0.66 0.00	19.37 0.68 0.00	22.33 0.77 0.00	23.91 1.02 0.00	28.30 1.53 0.00	29.39 1.91 0.00	27.34 1.53 0.00	23.97 1.27 0.00	23.04 1.33 0.00	18.71 1.14 0.71	12.47 0.97 5.00	19.85 1.06 0.03	21.01 1.20 0.53	24.27 1.28 0.00	24.02 1.53 0.00	26.56 1.99 0.00	24.96 1.71 0.00	26.58 1.75 0.00	31.38 1.81 0.00	30.78 1.65 0.00	28.73 1.47 0.00	23.26 1.04 0.00
LOVETT___4 23642	22.77 0.77 0.00	21.51 0.68 0.00	19.39 0.66 0.00	19.37 0.68 0.00	22.33 0.77 0.00	23.91 1.02 0.00	28.30 1.53 0.00	29.39 1.91 0.00	27.34 1.53 0.00	23.97 1.27 0.00	23.04 1.33 0.00	18.71 1.14 0.71	12.47 0.97 5.00	19.85 1.06 0.03	21.01 1.20 0.53	24.27 1.28 0.00	24.02 1.53 0.00	26.56 1.99 0.00	24.96 1.71 0.00	26.58 1.75 0.00	31.38 1.81 0.00	30.78 1.65 0.00	28.73 1.47 0.00	23.26 1.04 0.00
LOVETT___5 23593	22.77 0.77 0.00	21.51 0.68 0.00	19.39 0.66 0.00	19.37 0.68 0.00	22.33 0.77 0.00	23.91 1.02 0.00	28.30 1.53 0.00	29.39 1.91 0.00	27.34 1.53 0.00	23.97 1.27 0.00	23.04 1.33 0.00	18.71 1.14 0.71	12.47 0.97 5.00	19.85 1.06 0.03	21.01 1.20 0.53	24.27 1.28 0.00	24.02 1.53 0.00	26.56 1.99 0.00	24.96 1.71 0.00	26.58 1.75 0.00	31.38 1.81 0.00	30.78 1.65 0.00	28.73 1.47 0.00	23.26 1.04 0.00
LOWER RAQUET___HYD 24057	22.45 0.46 0.00	21.31 0.48 0.00	19.14 0.41 0.00	19.03 0.33 0.00	21.85 0.29 0.00	22.92 0.03 0.00	26.41 -0.36 0.00	26.89 -0.59 0.00	25.44 -0.37 0.00	22.45 -0.25 0.00	21.41 -0.30 0.00	19.97 -0.29 -1.97	16.80 -0.19 -0.49	24.75 -0.20 -6.13	26.42 -0.28 -6.35	25.47 -0.27 -2.74	23.98 -0.70 -2.19	29.86 -1.04 -6.33	26.32 -0.87 -3.94	31.02 -0.79 -6.99	31.74 -0.44 -2.61	32.94 -0.06 -3.86	27.44 0.17 0.00	22.31 0.09 0.00
LOWER___HUDSON 24059	22.44 0.44 0.00	21.23 0.40 0.00	19.11 0.38 0.00	19.11 0.41 0.00	22.07 0.51 0.00	23.52 0.62 0.00	27.65 0.87 0.00	28.64 1.16 0.00	26.65 0.84 0.00	23.40 0.70 0.00	22.35 0.64 0.00	18.80 0.51 0.00	16.94 0.44 0.00	19.34 0.52 0.00	21.04 0.70 0.00	23.82 0.83 0.00	23.41 0.92 0.00	25.82 1.25 0.00	24.28 1.03 0.00	25.89 1.06 0.00	30.65 1.09 0.00	30.08 0.94 0.00	28.08 0.81 0.00	22.76 0.54 0.00
LOWVILLE_115KV_TB2 356335	22.23 0.23 0.00	21.12 0.29 0.00	18.97 0.24 0.00	18.87 0.17 0.00	21.61 0.05 0.00	22.76 -0.13 0.00	26.34 -0.44 0.00	27.18 -0.31 0.00	25.46 -0.35 0.00	22.13 -0.57 0.00	20.89 -0.82 0.00	18.03 -0.83 -0.57	15.94 -0.70 -0.14	19.68 -0.92 -1.79	21.32 -0.87 -1.85	23.26 -0.53 -0.80	22.88 -0.24 -0.64	25.98 -0.43 -1.85	23.71 -0.69 -1.15	26.12 -0.73 -2.03	29.82 -0.50 -0.76	29.79 -0.47 -1.12	26.79 -0.47 0.00	21.67 -0.54 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.62 0.62 0.00	21.39 0.55 0.00	19.24 0.51 0.00	19.24 0.54 0.00	22.24 0.69 0.00	23.73 0.84 0.00	27.93 1.16 0.00	28.93 1.44 0.00	26.92 1.12 0.00	23.65 0.95 0.00	22.56 0.85 0.00	18.95 0.67 0.00	17.09 0.59 0.00	19.54 0.72 0.00	21.24 0.89 0.00	24.04 1.05 0.00	23.69 1.20 0.00	26.10 1.53 0.00	24.56 1.31 0.00	26.18 1.35 0.00	30.96 1.39 0.00	30.37 1.24 0.00	28.30 1.04 0.00	22.95 0.73 0.00
LUTHERNY_35_KV_BK2 355980	22.64 0.64 0.00	21.41 0.57 0.00	19.25 0.53 0.00	19.25 0.55 0.00	22.26 0.70 0.00	23.75 0.85 0.00	27.96 1.18 0.00	28.95 1.47 0.00	26.94 1.14 0.00	23.67 0.97 0.00	22.58 0.87 0.00	18.97 0.68 0.00	17.09 0.59 0.00	19.55 0.73 0.00	21.25 0.90 0.00	24.06 1.07 0.00	23.71 1.22 0.00	26.13 1.56 0.00	24.59 1.33 0.00	26.20 1.37 0.00	30.98 1.42 0.00	30.39 1.26 0.00	28.32 1.06 0.00	22.96 0.75 0.00
LWR___OSWEGATCHIE_HYD 23850	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00



LYONS_FALL_HYD 23570	22.32 0.33 0.00	21.18 0.34 0.00	19.03 0.30 0.00	18.96 0.26 0.00	21.78 0.22 0.00	23.02 0.13 0.00	26.80 0.02 0.00	27.65 0.17 0.00	25.90 0.09 0.00	22.59 -0.11 0.00	21.44 -0.27 0.00	18.34 -0.34 -0.39	16.29 -0.31 -0.10	19.59 -0.43 -1.20	21.22 -0.37 -1.25	23.43 -0.10 -0.54	23.07 0.15 -0.43	25.91 0.10 -1.24	23.92 -0.10 -0.77	26.05 -0.14 -1.37	30.09 0.02 -0.51	29.90 0.01 -0.76	27.22 -0.04 0.00	22.06 -0.16 0.00
MADISON___COUNTY_LFGE 323628	22.49 0.49 0.00	21.31 0.47 0.00	19.16 0.43 0.00	19.15 0.45 0.00	22.08 0.52 0.00	23.46 0.56 0.00	27.51 0.73 0.00	28.30 0.82 0.00	26.49 0.68 0.00	23.16 0.46 0.00	22.11 0.41 0.00	18.54 0.26 0.00	16.66 0.16 0.00	18.97 0.14 0.00	20.57 0.22 0.00	23.37 0.38 0.00	23.12 0.64 0.00	25.35 0.79 0.00	23.91 0.66 0.00	25.51 0.69 0.00	30.28 0.72 0.00	29.76 0.63 0.00	27.80 0.53 0.00	22.62 0.40 0.00
MALONE___115KV_TB1 356076	22.86 0.86 0.00	21.72 0.88 0.00	19.51 0.78 0.00	19.23 0.53 0.00	22.20 0.64 0.00	23.44 0.55 0.00	27.26 0.49 0.00	27.67 0.19 0.00	26.18 0.38 0.00	22.92 0.22 0.00	21.63 -0.08 0.00	26.80 -0.22 -8.73	18.51 -0.15 -2.16	45.81 -0.20 -27.18	48.22 -0.29 -28.16	34.83 -0.34 -12.17	31.62 -0.60 -9.73	51.78 -0.87 -28.09	40.04 -0.68 -17.46	55.24 -0.60 -31.02	40.81 -0.33 -11.58	46.09 -0.19 -17.14	27.35 0.09 0.00	22.27 0.05 0.00
MAPLEWOD_115KV_TB3 80458	22.36 0.36 0.00	21.16 0.33 0.00	19.05 0.33 0.00	19.06 0.36 0.00	21.96 0.40 0.00	23.40 0.51 0.00	27.51 0.74 0.00	28.48 1.00 0.00	26.53 0.72 0.00	23.31 0.61 0.00	22.28 0.58 0.00	18.74 0.45 0.00	16.89 0.39 0.00	19.27 0.45 0.00	20.96 0.61 0.00	23.73 0.74 0.00	23.35 0.86 0.00	25.74 1.17 0.00	24.21 0.95 0.00	25.79 0.96 0.00	30.52 0.95 0.00	29.96 0.82 0.00	27.99 0.72 0.00	22.69 0.48 0.00
MAPLE_RIDGE_WT_1 323574	22.04 0.04 0.00	20.91 0.07 0.00	18.79 0.06 0.00	18.71 0.01 0.00	21.50 -0.06 0.00	22.70 -0.19 0.00	26.41 -0.37 0.00	27.03 -0.45 0.00	25.39 -0.42 0.00	22.29 -0.41 0.00	21.29 -0.42 0.00	17.91 -0.37 0.00	16.19 -0.31 0.00	18.43 -0.39 0.00	19.88 -0.47 0.00	22.57 -0.42 0.00	22.04 -0.45 0.00	23.91 -0.66 0.00	22.53 -0.73 0.00	24.06 -0.76 0.00	28.95 -0.62 0.00	28.66 -0.47 0.00	26.90 -0.36 0.00	21.97 -0.25 0.00
MAPLE_RIDGE_WT_2 323611	22.04 0.04 0.00	20.91 0.07 0.00	18.79 0.06 0.00	18.71 0.01 0.00	21.50 -0.06 0.00	22.70 -0.19 0.00	26.41 -0.37 0.00	27.03 -0.45 0.00	25.39 -0.42 0.00	22.29 -0.41 0.00	21.29 -0.42 0.00	17.91 -0.37 0.00	16.19 -0.31 0.00	18.43 -0.39 0.00	19.88 -0.47 0.00	22.57 -0.42 0.00	22.04 -0.45 0.00	23.91 -0.66 0.00	22.53 -0.73 0.00	24.06 -0.76 0.00	28.95 -0.62 0.00	28.66 -0.47 0.00	26.90 -0.36 0.00	21.97 -0.25 0.00
MARBLE_RIVER_WT_PWR 323696	22.60 0.60 0.00	21.51 0.68 0.00	19.35 0.62 0.00	19.00 0.30 0.00	21.96 0.40 0.00	23.21 0.31 0.00	27.06 0.29 0.00	27.37 -0.11 0.00	25.90 0.09 0.00	22.58 -0.11 0.00	21.24 -0.47 0.00	5.09 -0.59 12.61	12.91 -0.48 3.11	-21.00 -0.56 39.26	-21.00 -0.67 40.68	4.57 -0.83 17.58	7.39 -1.04 14.06	-17.37 -1.36 40.57	-3.09 -1.12 25.23	-21.00 -1.03 44.80	11.91 -0.92 16.73	3.54 -0.84 24.76	26.83 -0.44 0.00	21.90 -0.32 0.00
MARSHVLE_115KV_TB1 80742	23.42 1.42 0.00	22.16 1.33 0.00	19.83 1.11 0.00	19.76 1.06 0.00	22.80 1.24 0.00	24.20 1.31 0.00	28.37 1.59 0.00	29.04 1.56 0.00	27.28 1.47 0.00	23.95 1.25 0.00	22.69 0.98 0.00	19.05 0.77 0.00	17.18 0.68 0.00	19.58 0.76 0.00	21.03 0.68 0.00	23.96 0.96 0.00	23.73 1.24 0.00	25.91 1.35 0.00	24.49 1.23 0.00	26.15 1.32 0.00	31.14 1.58 0.00	30.82 1.68 0.00	28.77 1.50 0.00	23.40 1.18 0.00
MARSH_HILL_WT_PWR 323713	21.47 -0.53 0.00	20.16 -0.68 0.00	17.83 -0.89 0.00	17.67 -1.03 0.00	20.40 -1.17 0.00	21.74 -1.15 0.00	25.83 -0.95 0.00	26.53 -0.95 0.00	24.51 -1.30 0.00	21.48 -1.22 0.00	20.36 -1.35 0.00	16.97 -1.32 0.00	15.11 -1.39 0.00	17.16 -1.66 0.00	18.61 -1.73 0.00	21.16 -1.83 0.00	21.30 -1.19 0.00	23.79 -0.77 0.00	22.53 -0.73 0.00	23.84 -0.99 0.00	28.91 -1.53 -0.88	27.90 -1.54 -0.30	25.53 -1.74 0.00	20.79 -1.43 0.00
MCINTYRE_115KV_TB2 80467	22.92 0.92 0.00	21.74 0.91 0.00	19.52 0.79 0.00	19.45 0.75 0.00	22.42 0.86 0.00	23.69 0.80 0.00	27.46 0.68 0.00	27.94 0.45 0.00	26.37 0.56 0.00	23.24 0.54 0.00	22.12 0.41 0.00	20.17 0.34 -1.54	17.27 0.39 -0.38	24.15 0.54 -4.80	25.82 0.50 -4.97	25.74 0.60 -2.15	24.36 0.16 -1.72	29.41 -0.11 -4.96	26.44 0.10 -3.08	30.57 0.27 -5.47	32.33 0.73 -2.04	33.08 0.92 -3.02	28.24 0.98 0.00	22.94 0.73 0.00
MECO_____69_KV_BK1 80468	24.29 2.29 0.00	22.94 2.11 0.00	20.56 1.83 0.00	20.50 1.81 0.00	23.66 2.11 0.00	25.24 2.35 0.00	29.76 2.99 0.00	30.65 3.17 0.00	28.63 2.82 0.00	24.84 2.13 0.00	22.63 0.92 0.00	18.93 0.65 0.00	17.00 0.50 0.00	19.37 0.55 0.00	21.09 0.74 0.00	24.81 1.82 0.00	25.13 2.64 0.00	27.61 3.04 0.00	26.03 2.77 0.00	27.74 2.91 0.00	32.95 3.39 0.00	32.43 3.29 0.00	30.11 2.85 0.00	24.41 2.19 0.00
MENANDS___115KV_TB5 355628	22.24 0.24 0.00	21.07 0.23 0.00	18.97 0.25 0.00	18.97 0.27 0.00	21.86 0.30 0.00	23.29 0.39 0.00	27.37 0.59 0.00	28.32 0.84 0.00	26.38 0.58 0.00	23.19 0.49 0.00	22.17 0.46 0.00	18.66 0.37 0.00	16.82 0.32 0.00	19.19 0.37 0.00	20.87 0.53 0.00	23.62 0.63 0.00	23.22 0.73 0.00	25.60 1.03 0.00	24.07 0.82 0.00	25.64 0.81 0.00	30.34 0.78 0.00	29.79 0.65 0.00	27.83 0.57 0.00	22.58 0.36 0.00
MG INDUSTRY___DRP 24185	22.34 0.34 0.00	21.18 0.34 0.00	19.06 0.33 0.00	19.06 0.36 0.00	21.96 0.40 0.00	23.38 0.49 0.00	27.46 0.69 0.00	28.36 0.88 0.00	26.44 0.63 0.00	23.22 0.52 0.00	22.18 0.48 0.00	18.67 0.38 0.00	16.83 0.33 0.00	19.21 0.39 0.00	20.88 0.53 0.00	23.63 0.64 0.00	23.25 0.77 0.00	25.58 1.02 0.00	24.08 0.83 0.00	25.67 0.84 0.00	30.39 0.83 0.00	29.86 0.73 0.00	27.91 0.64 0.00	22.67 0.45 0.00
MID___OSWEGATCHIE_HYD 23849	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00
MID___RAQUETTE_HYD 23851	22.45 0.46 0.00	21.31 0.48 0.00	19.14 0.41 0.00	19.03 0.33 0.00	21.85 0.29 0.00	22.92 0.03 0.00	26.41 -0.36 0.00	26.89 -0.59 0.00	25.44 -0.37 0.00	22.45 -0.25 0.00	21.40 -0.30 0.00	19.97 -0.28 -1.97	16.80 -0.19 -0.49	24.75 -0.20 -6.13	26.42 -0.28 -6.35	25.47 -0.27 -2.74	23.98 -0.70 -2.19	29.86 -1.04 -6.33	26.33 -0.87 -3.94	31.02 -0.79 -6.99	31.74 -0.44 -2.61	32.94 -0.06 -3.86	27.44 0.17 0.00	22.31 0.09 0.00



MILLIKEN___1 23584	22.36 0.37 0.00	21.19 0.36 0.00	19.01 0.28 0.00	18.97 0.27 0.00	21.93 0.37 0.00	23.28 0.39 0.00	27.33 0.55 0.00	27.95 0.47 0.00	26.15 0.34 0.00	22.97 0.27 0.00	21.88 0.17 0.00	18.40 0.11 0.00	16.56 0.06 0.00	18.84 0.02 0.00	20.38 0.03 0.00	23.16 0.17 0.00	22.91 0.42 0.00	25.21 0.65 0.00	23.77 0.51 0.00	25.33 0.50 0.00	30.05 0.49 0.00	29.57 0.43 0.00	27.54 0.28 0.00	22.52 0.30 0.00
MILLIKEN___2 23585	22.36 0.37 0.00	21.19 0.36 0.00	19.01 0.28 0.00	18.97 0.27 0.00	21.93 0.37 0.00	23.28 0.39 0.00	27.33 0.55 0.00	27.95 0.47 0.00	26.15 0.34 0.00	22.97 0.27 0.00	21.88 0.17 0.00	18.40 0.11 0.00	16.56 0.06 0.00	18.84 0.02 0.00	20.38 0.03 0.00	23.16 0.17 0.00	22.91 0.42 0.00	25.21 0.65 0.00	23.77 0.51 0.00	25.33 0.50 0.00	30.05 0.49 0.00	29.57 0.43 0.00	27.54 0.28 0.00	22.52 0.30 0.00
MILLIKEN___DIESEL 23629	22.36 0.37 0.00	21.19 0.36 0.00	19.01 0.28 0.00	18.97 0.27 0.00	21.93 0.37 0.00	23.28 0.39 0.00	27.33 0.55 0.00	27.95 0.47 0.00	26.15 0.34 0.00	22.97 0.27 0.00	21.88 0.17 0.00	18.40 0.11 0.00	16.56 0.06 0.00	18.84 0.02 0.00	20.38 0.03 0.00	23.16 0.17 0.00	22.91 0.42 0.00	25.21 0.65 0.00	23.77 0.51 0.00	25.33 0.50 0.00	30.05 0.49 0.00	29.57 0.43 0.00	27.54 0.28 0.00	22.52 0.30 0.00
MILLSEAT___LFGE 323607	20.87 -1.13 0.00	19.81 -1.02 0.00	17.72 -1.00 0.00	17.69 -1.01 0.00	20.50 -1.06 0.00	21.56 -1.33 0.00	25.02 -1.75 0.00	25.49 -1.99 0.00	23.92 -1.89 0.00	20.97 -1.73 0.00	19.91 -1.80 0.00	16.81 -1.48 0.00	15.22 -1.27 0.00	17.45 -1.38 0.00	18.70 -1.65 0.00	21.25 -1.74 0.00	21.06 -1.43 0.00	22.92 -1.65 0.00	21.40 -1.86 0.00	22.99 -1.84 0.00	26.27 -2.07 1.22	27.01 -1.70 0.42	25.52 -1.75 0.00	20.98 -1.24 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.81 0.81 0.00	21.56 0.73 0.00	19.43 0.70 0.00	19.42 0.72 0.00	22.38 0.81 0.00	23.95 1.06 0.00	28.36 1.58 0.00	29.46 1.98 0.00	27.41 1.60 0.00	24.05 1.35 0.00	23.12 1.41 0.00	20.07 1.20 -0.58	21.61 1.05 -4.07	19.99 1.14 -0.03	22.07 1.29 -0.43	24.39 1.39 0.00	24.12 1.64 0.00	26.67 2.10 0.00	25.05 1.80 0.00	26.66 1.84 0.00	31.47 1.91 0.00	30.87 1.74 0.00	28.81 1.54 0.00	23.32 1.10 0.00
MILLWOOD_13_KV_LOAD 356217	22.87 0.87 0.00	21.61 0.78 0.00	19.47 0.74 0.00	19.46 0.76 0.00	22.42 0.87 0.00	24.01 1.12 0.00	28.42 1.65 0.00	29.54 2.05 0.00	27.47 1.67 0.00	24.11 1.41 0.00	23.17 1.46 0.00	20.11 1.25 -0.58	21.65 1.09 -4.07	20.04 1.19 -0.03	22.12 1.34 -0.43	24.45 1.46 0.00	24.19 1.71 0.00	26.75 2.18 0.00	25.12 1.87 0.00	26.74 1.91 0.00	31.55 1.99 0.00	30.94 1.81 0.00	28.88 1.61 0.00	23.37 1.15 0.00
MODEL_CITY_ENERGY 24167	20.06 -1.94 0.00	19.08 -1.76 0.00	17.07 -1.66 0.00	17.04 -1.66 0.00	19.73 -1.83 0.00	20.67 -2.23 0.00	23.84 -2.94 0.00	24.20 -3.28 0.00	22.72 -3.09 0.00	20.05 -2.65 0.00	19.13 -2.57 0.00	16.19 -2.09 0.00	14.69 -1.81 0.00	16.83 -2.00 0.00	17.92 -2.43 0.00	20.26 -2.73 0.00	20.00 -2.49 0.00	21.70 -2.87 0.00	20.29 -2.97 0.00	21.88 -2.95 0.00	24.81 -3.32 1.43	25.82 -2.82 0.49	24.52 -2.74 0.00	20.23 -1.99 0.00
MODERN_LFGE___ 323580	20.06 -1.94 0.00	19.08 -1.76 0.00	17.07 -1.66 0.00	17.04 -1.66 0.00	19.73 -1.83 0.00	20.67 -2.23 0.00	23.84 -2.94 0.00	24.20 -3.28 0.00	22.72 -3.09 0.00	20.05 -2.65 0.00	19.13 -2.57 0.00	16.19 -2.09 0.00	14.69 -1.81 0.00	16.83 -2.00 0.00	17.92 -2.43 0.00	20.26 -2.73 0.00	20.00 -2.49 0.00	21.70 -2.87 0.00	20.29 -2.97 0.00	21.88 -2.95 0.00	24.81 -3.32 1.43	25.82 -2.82 0.49	24.52 -2.74 0.00	20.23 -1.99 0.00
MOHAWK_PAPER___DRP 24187	22.36 0.36 0.00	21.16 0.33 0.00	19.05 0.33 0.00	19.06 0.36 0.00	21.96 0.40 0.00	23.40 0.51 0.00	27.51 0.74 0.00	28.48 1.00 0.00	26.53 0.72 0.00	23.31 0.61 0.00	22.28 0.58 0.00	18.74 0.45 0.00	16.89 0.39 0.00	19.27 0.45 0.00	20.96 0.61 0.00	23.73 0.74 0.00	23.35 0.86 0.00	25.74 1.17 0.00	24.21 0.95 0.00	25.79 0.96 0.00	30.52 0.95 0.00	29.96 0.82 0.00	27.99 0.72 0.00	22.69 0.48 0.00
MOHICAN___35_KV_115KV_LD 80490	22.40 0.40 0.00	21.18 0.35 0.00	19.06 0.33 0.00	19.06 0.36 0.00	22.11 0.55 0.00	23.65 0.76 0.00	27.92 1.15 0.00	28.99 1.50 0.00	26.92 1.11 0.00	23.61 0.91 0.00	22.47 0.76 0.00	18.89 0.60 0.00	17.04 0.54 0.00	19.54 0.72 0.00	21.26 0.91 0.00	24.05 1.06 0.00	23.77 1.28 0.00	26.21 1.64 0.00	24.64 1.39 0.00	26.25 1.42 0.00	30.91 1.35 0.00	30.26 1.13 0.00	28.15 0.89 0.00	22.79 0.57 0.00
MONGAUP___HYD 23641	22.86 0.86 0.00	21.58 0.75 0.00	19.42 0.70 0.00	19.40 0.70 0.00	22.27 0.71 0.00	23.70 0.81 0.00	27.87 1.10 0.00	28.92 1.44 0.00	26.98 1.17 0.00	23.50 0.79 0.00	22.44 0.73 0.00	18.42 0.58 0.45	13.78 0.48 3.20	19.34 0.53 0.02	20.68 0.68 0.34	23.83 0.84 0.00	23.62 1.14 0.00	26.16 1.59 0.00	24.61 1.36 0.00	26.23 1.40 0.00	31.03 1.46 0.00	30.66 1.52 0.00	28.59 1.33 0.00	23.15 0.94 0.00
MONTAUK___DIESEL 23721	23.77 1.77 0.00	22.40 1.57 0.00	20.14 1.41 0.00	20.05 1.35 0.00	23.16 1.60 0.00	24.93 2.03 0.00	29.83 3.06 0.00	31.17 3.69 0.00	29.35 3.54 0.00	25.60 2.90 0.00	24.52 2.81 0.00	21.02 2.24 -0.50	22.01 1.99 -3.52	20.74 1.90 -0.02	22.73 2.01 -0.37	25.32 2.32 0.00	25.36 2.87 0.00	27.93 3.37 0.00	26.13 2.88 0.00	28.08 3.26 0.00	33.29 3.73 0.00	32.70 3.57 0.00	30.14 2.88 0.00	24.56 2.34 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	20.94 -1.05 0.00	19.82 -1.01 0.00	17.75 -0.98 0.00	17.69 -1.02 0.00	20.42 -1.14 0.00	21.56 -1.33 0.00	25.09 -1.68 0.00	25.67 -1.81 0.00	24.02 -1.79 0.00	21.09 -1.61 0.00	20.00 -1.70 0.00	16.89 -1.40 0.00	15.15 -1.36 0.00	17.03 -1.79 0.00	18.25 -2.10 0.00	20.80 -2.19 0.00	20.61 -1.88 0.00	22.37 -2.20 0.00	20.81 -2.45 0.00	22.47 -2.35 0.00	27.16 -2.40 0.00	27.08 -2.05 0.00	25.53 -1.73 0.00	20.91 -1.31 0.00
MORTIMER_115KV_TB3 55949	21.46 -0.54 0.00	20.36 -0.48 0.00	18.23 -0.50 0.00	18.19 -0.50 0.00	21.07 -0.49 0.00	22.24 -0.65 0.00	25.97 -0.80 0.00	26.47 -1.01 0.00	24.81 -0.99 0.00	21.73 -0.98 0.00	20.62 -1.09 0.00	17.38 -0.91 0.00	15.71 -0.79 0.00	17.99 -0.84 0.00	19.35 -0.99 0.00	22.04 -0.95 0.00	21.84 -0.65 0.00	23.88 -0.69 0.00	22.11 -1.15 0.00	23.56 -1.27 0.00	28.05 -1.51 0.00	27.82 -1.32 0.00	25.92 -1.35 0.00	21.25 -0.97 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.88 0.87 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.87 0.00	24.01 1.12 0.00	28.46 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.17 1.47 0.00	23.26 1.56 0.00	20.14 1.35 -0.50	21.21 1.18 -3.53	20.14 1.30 -0.02	22.18 1.46 -0.38	24.56 1.57 0.00	24.30 1.81 0.00	26.87 2.30 0.00	25.22 1.96 0.00	26.85 2.02 0.00	31.69 2.12 0.00	31.07 1.93 0.00	28.96 1.70 0.00	23.43 1.21 0.00



MUNSVILLE_WIND_PWR 323609	23.30 1.30 0.00	22.15 1.31 0.00	19.92 1.20 0.00	20.05 1.35 0.00	23.26 1.70 0.00	24.74 1.85 0.00	29.01 2.23 0.00	29.75 2.27 0.00	27.85 2.05 0.00	24.31 1.61 0.00	23.04 1.33 0.00	19.23 0.94 0.00	17.30 0.80 0.00	19.66 0.84 0.00	21.17 0.83 0.00	24.21 1.22 0.00	24.18 1.69 0.00	26.52 1.95 0.00	24.90 1.64 0.00	26.45 1.63 0.00	32.10 2.14 -0.40	31.10 1.83 -0.14	28.76 1.50 0.00	23.43 1.21 0.00
N SALMON___HYD 24042	22.86 0.86 0.00	21.72 0.88 0.00	19.51 0.78 0.00	19.23 0.53 0.00	22.20 0.64 0.00	23.44 0.55 0.00	27.26 0.49 0.00	27.67 0.19 0.00	26.18 0.37 0.00	22.92 0.22 0.00	21.63 -0.08 0.00	26.80 -0.22 -8.73	18.51 -0.15 -2.16	45.80 -0.20 -27.18	48.22 -0.29 -28.16	34.83 -0.34 -12.17	31.62 -0.60 -9.73	51.78 -0.87 -28.09	40.04 -0.69 -17.46	55.24 -0.60 -31.02	40.81 -0.33 -11.58	46.09 -0.19 -17.14	27.35 0.09 0.00	22.27 0.05 0.00
N.AKRON___115KV_KNAPP 355671	20.67 -1.33 0.00	19.63 -1.20 0.00	17.56 -1.17 0.00	17.52 -1.18 0.00	20.30 -1.25 0.00	21.32 -1.58 0.00	24.72 -2.06 0.00	25.14 -2.34 0.00	23.60 -2.21 0.00	20.74 -1.96 0.00	19.72 -1.99 0.00	16.66 -1.63 0.00	15.10 -1.40 0.00	17.31 -1.51 0.00	18.50 -1.84 0.00	21.01 -1.98 0.00	20.77 -1.72 0.00	22.58 -1.99 0.00	21.10 -2.15 0.00	22.74 -2.09 0.00	27.21 -2.35 0.00	27.20 -1.93 0.00	25.31 -1.95 0.00	20.83 -1.39 0.00
N.BELMOR_69_KV_BK1 55787	23.15 1.15 0.00	21.84 1.01 0.00	19.61 0.89 0.00	19.54 0.84 0.00	22.53 0.97 0.00	24.23 1.34 0.00	28.81 2.04 0.00	30.04 2.56 0.00	27.95 2.15 0.00	24.52 1.82 0.00	23.56 1.86 0.00	20.32 1.53 -0.50	21.38 1.36 -3.52	20.31 1.47 -0.02	22.29 1.57 -0.37	24.71 1.72 0.00	24.56 2.07 0.00	27.08 2.51 0.00	25.37 2.12 0.00	27.13 2.31 0.00	32.08 2.51 0.00	31.54 2.41 0.00	29.41 2.15 0.00	23.80 1.58 0.00
N.E_GEN_SANDY PD 24062	22.86 0.55 -0.30	21.32 0.49 0.00	19.19 0.46 0.00	19.20 0.50 0.00	22.18 0.62 0.00	23.65 0.76 0.00	27.85 1.07 0.00	29.93 1.42 -1.03	26.84 1.04 0.00	23.58 0.88 0.00	20.74 0.87 1.84	21.13 0.73 -2.11	17.94 0.64 -0.79	20.48 0.72 -0.94	21.34 0.91 -0.08	24.00 1.01 0.00	23.00 1.13 0.63	26.55 1.51 -0.47	24.51 1.26 0.00	26.16 1.34 0.00	30.92 1.36 0.00	30.33 1.19 0.00	28.35 1.08 -0.01	22.95 0.74 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.80 0.80 0.00	21.55 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.37 0.80 0.00	23.95 1.06 0.00	28.35 1.58 0.00	29.44 1.96 0.00	27.38 1.58 0.00	24.00 1.30 0.00	23.08 1.37 0.00	18.75 1.16 0.70	12.57 1.00 4.93	19.88 1.09 0.03	21.06 1.24 0.53	24.32 1.33 0.00	24.06 1.57 0.00	26.61 2.04 0.00	25.01 1.75 0.00	26.63 1.80 0.00	31.43 1.87 0.00	30.84 1.70 0.00	28.78 1.52 0.00	23.30 1.08 0.00
N.QUEENS_27_KV_LOAD 356247	22.83 0.83 0.00	21.54 0.70 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.35 0.78 0.00	23.95 1.05 0.00	28.32 1.54 0.00	29.53 2.05 0.00	27.52 1.71 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.11 1.32 -0.50	21.20 1.16 -3.54	20.10 1.26 -0.02	22.15 1.43 -0.38	24.53 1.54 0.00	24.24 1.75 0.00	26.83 2.26 0.00	25.25 1.99 0.00	26.82 1.99 0.00	31.63 2.07 0.00	31.05 1.91 0.00	28.96 1.70 0.00	23.44 1.22 0.00
N.TROY___115KV_TB1 355778	22.44 0.44 0.00	21.23 0.40 0.00	19.10 0.38 0.00	19.11 0.41 0.00	22.07 0.51 0.00	23.52 0.63 0.00	27.65 0.88 0.00	28.65 1.16 0.00	26.65 0.84 0.00	23.40 0.70 0.00	22.35 0.64 0.00	18.80 0.51 0.00	16.94 0.44 0.00	19.34 0.52 0.00	21.04 0.70 0.00	23.82 0.83 0.00	23.41 0.92 0.00	25.82 1.25 0.00	24.29 1.03 0.00	25.89 1.06 0.00	30.65 1.09 0.00	30.08 0.94 0.00	28.08 0.81 0.00	22.76 0.54 0.00
NARROWS_GT1_1 24228	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_2 24229	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_3 24230	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_4 24231	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_5 24232	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_6 24233	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT1_7 24234	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00



NARROWS_GT1_8 24235	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_1 24236	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_2 24237	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_3 24238	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_4 24239	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_5 24240	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_6 24241	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_7 24242	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NARROWS_GT2_8 24243	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.76 0.76 0.00	21.56 0.72 0.00	19.40 0.67 0.00	19.41 0.70 0.00	22.37 0.81 0.00	23.86 0.96 0.00	28.21 1.43 0.00	29.18 1.69 0.00	27.12 1.31 0.00	23.66 0.96 0.00	22.46 0.76 0.00	18.84 0.55 0.00	16.97 0.47 0.00	19.40 0.58 0.00	21.17 0.83 0.00	24.11 1.12 0.00	23.90 1.42 0.00	26.39 1.82 0.00	24.78 1.52 0.00	26.31 1.49 0.00	31.15 1.58 0.00	30.53 1.40 0.00	28.44 1.18 0.00	23.06 0.84 0.00
NCHELSEA_115KV_TR2 355582	22.97 0.97 0.00	21.69 0.85 0.00	19.53 0.80 0.00	19.52 0.82 0.00	22.52 0.95 0.00	24.09 1.19 0.00	28.49 1.72 0.00	29.61 2.13 0.00	27.54 1.74 0.00	24.14 1.44 0.00	23.17 1.46 0.00	19.52 1.23 0.00	17.57 1.07 0.00	20.03 1.21 0.00	21.73 1.38 0.00	24.52 1.53 0.00	24.26 1.78 0.00	26.80 2.23 0.00	25.20 1.94 0.00	26.88 2.05 0.00	31.73 2.16 0.00	31.11 1.97 0.00	29.04 1.78 0.00	23.50 1.29 0.00
NEG CAPITAL___MECHNVIL 23645	22.68 0.68 0.00	21.44 0.60 0.00	19.28 0.56 0.00	19.29 0.59 0.00	22.29 0.73 0.00	23.78 0.88 0.00	27.99 1.21 0.00	28.99 1.50 0.00	26.98 1.17 0.00	23.69 0.99 0.00	22.61 0.90 0.00	18.99 0.71 0.00	17.12 0.62 0.00	19.57 0.75 0.00	21.27 0.93 0.00	24.10 1.11 0.00	23.72 1.23 0.00	26.16 1.59 0.00	24.61 1.35 0.00	26.23 1.40 0.00	31.02 1.45 0.00	30.42 1.28 0.00	28.35 1.09 0.00	22.97 0.75 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.86 -1.14 0.00	19.74 -1.10 0.00	17.70 -1.03 0.00	17.67 -1.03 0.00	20.44 -1.12 0.00	21.61 -1.29 0.00	25.19 -1.58 0.00	25.65 -1.84 0.00	24.05 -1.76 0.00	21.15 -1.55 0.00	20.20 -1.51 0.00	17.03 -1.26 0.00	15.40 -1.11 0.00	17.60 -1.22 0.00	18.95 -1.40 0.00	21.48 -1.51 0.00	21.20 -1.29 0.00	23.14 -1.42 0.00	21.80 -1.46 0.00	23.45 -1.38 0.00	27.37 -1.68 0.51	27.40 -1.56 0.18	25.70 -1.56 0.00	21.06 -1.16 0.00
NEG CENTRAL___DRP 24199	22.03 0.03 0.00	20.86 0.02 0.00	18.67 -0.06 0.00	18.61 -0.09 0.00	21.52 -0.04 0.00	22.85 -0.05 0.00	26.83 0.05 0.00	27.36 -0.12 0.00	25.64 -0.17 0.00	22.54 -0.16 0.00	21.43 -0.28 0.00	18.02 -0.27 0.00	16.21 -0.29 0.00	18.44 -0.38 0.00	19.96 -0.38 0.00	22.68 -0.31 0.00	22.42 -0.06 0.00	24.69 0.12 0.00	23.30 0.04 -0.01	24.81 -0.02 0.00	29.41 -0.16 0.00	28.97 -0.17 0.00	26.97 -0.29 0.00	22.07 -0.15 0.00
NEG CENTRAL___INDECK 23768	21.86 -0.13 0.00	20.64 -0.19 0.00	18.40 -0.33 0.00	18.32 -0.38 0.00	21.18 -0.37 0.00	22.48 -0.41 0.00	26.45 -0.33 0.00	27.16 -0.32 0.00	25.26 -0.55 0.00	21.89 -0.81 0.00	20.66 -1.05 0.00	17.34 -0.95 0.00	15.62 -0.88 0.00	17.81 -1.01 0.00	19.20 -1.15 0.00	21.83 -1.17 0.00	22.08 -0.40 0.00	24.41 -0.16 0.00	23.11 -0.15 0.00	24.82 0.00 0.00	29.72 -0.20 -0.36	29.05 -0.21 -0.12	26.85 -0.42 0.00	21.94 -0.28 0.00



NEG CENTRAL___SENECA 23627	21.97 -0.04 0.00	20.76 -0.08 0.00	18.56 -0.17 0.00	18.51 -0.19 0.00	21.39 -0.16 0.00	22.73 -0.17 0.00	26.69 -0.09 0.00	27.24 -0.25 0.00	25.57 -0.24 0.00	22.45 -0.25 0.00	21.33 -0.38 0.00	17.93 -0.36 0.00	16.12 -0.38 0.00	18.36 -0.46 0.00	19.84 -0.51 0.00	22.55 -0.44 0.00	22.37 -0.11 0.00	24.56 -0.01 0.00	23.21 -0.07 -0.02	24.69 -0.14 0.00	29.24 -0.32 0.00	28.80 -0.34 0.00	26.83 -0.43 0.00	21.92 -0.30 0.00
NEG CENTRAL___STATE_STREET 24147	22.19 0.19 0.00	21.08 0.24 0.00	18.91 0.19 0.00	18.81 0.11 0.00	21.79 0.23 0.00	23.11 0.22 0.00	27.13 0.36 0.00	27.60 0.11 0.00	25.83 0.03 0.00	22.79 0.09 0.00	21.64 -0.07 0.00	18.26 -0.03 0.00	16.44 -0.06 0.00	18.68 -0.14 0.00	20.27 -0.08 0.00	23.02 0.03 0.00	22.61 0.12 0.00	24.98 0.41 0.00	23.55 0.29 0.00	25.04 0.22 0.00	29.75 0.19 0.00	29.33 0.20 0.00	27.25 -0.01 0.00	22.37 0.15 0.00
NEG MILLWOOD___DRP 24198	23.05 1.06 0.00	21.77 0.94 0.00	19.60 0.88 0.00	19.59 0.89 0.00	22.60 1.04 0.00	24.18 1.29 0.00	28.63 1.86 0.00	29.76 2.28 0.00	27.68 1.87 0.00	24.27 1.57 0.00	23.29 1.58 0.00	19.77 1.34 -0.15	18.70 1.17 -1.03	20.13 1.30 -0.01	21.94 1.49 -0.11	24.63 1.64 0.00	24.38 1.89 0.00	26.97 2.40 0.00	25.34 2.08 0.00	27.03 2.20 0.00	31.89 2.33 0.00	31.27 2.14 0.00	29.15 1.89 0.00	23.58 1.37 0.00
NEG NORTH_FLCN_SEA 23793	22.88 0.88 0.00	21.79 0.95 0.00	19.62 0.90 0.00	19.28 0.58 0.00	22.25 0.70 0.00	23.43 0.54 0.00	27.37 0.59 0.00	27.70 0.22 0.00	26.14 0.33 0.00	22.80 0.10 0.00	21.43 -0.28 0.00	5.12 -0.44 12.73	12.99 -0.37 3.14	-21.28 -0.47 39.63	-21.30 -0.59 41.06	4.59 -0.65 17.75	7.48 -0.82 14.19	-17.65 -1.28 40.95	-3.15 -0.94 25.47	-21.23 -0.84 45.22	11.98 -0.69 16.89	3.54 -0.61 24.99	27.15 -0.12 0.00	22.19 -0.03 0.00
NEG NORTH_KES_CHATEGAY 23792	22.68 0.68 0.00	21.59 0.75 0.00	19.40 0.67 0.00	19.07 0.37 0.00	22.05 0.49 0.00	23.30 0.41 0.00	27.12 0.35 0.00	27.48 0.00 0.00	26.02 0.21 0.00	22.70 0.00 0.00	21.38 -0.33 0.00	4.26 -0.46 13.56	12.78 -0.37 3.35	-23.85 -0.45 42.22	-23.97 -0.57 43.75	3.41 -0.67 18.91	6.47 -0.90 15.12	-20.27 -1.20 43.64	-4.86 -0.99 27.13	-24.26 -0.91 48.18	10.82 -0.74 17.99	1.84 -0.67 26.63	26.97 -0.30 0.00	21.99 -0.23 0.00
NEG NORTH___ALICE_FALLS 23915	22.96 0.96 0.00	21.84 1.01 0.00	19.66 0.93 0.00	19.32 0.62 0.00	22.32 0.76 0.00	23.56 0.67 0.00	27.54 0.76 0.00	27.91 0.43 0.00	26.35 0.54 0.00	22.98 0.28 0.00	21.61 -0.09 0.00	5.14 -0.29 12.86	13.08 -0.25 3.18	-21.55 -0.33 40.04	-21.57 -0.43 41.48	4.58 -0.48 17.93	7.52 -0.63 14.34	-17.81 -0.98 41.39	-3.19 -0.71 25.73	-21.48 -0.62 45.69	12.06 -0.44 17.06	3.53 -0.35 25.25	27.27 0.01 0.00	22.26 0.05 0.00
NEG NORTH___LWR_SARANAC 23913	22.96 0.96 0.00	21.84 1.01 0.00	19.66 0.93 0.00	19.32 0.62 0.00	22.32 0.76 0.00	23.56 0.67 0.00	27.54 0.76 0.00	27.91 0.43 0.00	26.35 0.54 0.00	22.98 0.28 0.00	21.61 -0.09 0.00	5.14 -0.29 12.86	13.08 -0.25 3.18	-21.55 -0.33 40.04	-21.57 -0.43 41.48	4.58 -0.48 17.93	7.52 -0.63 14.34	-17.81 -0.98 41.39	-3.19 -0.71 25.73	-21.48 -0.62 45.69	12.06 -0.44 17.06	3.53 -0.35 25.25	27.27 0.01 0.00	22.26 0.05 0.00
NEG NORTH___PLATTSBURG 23628	22.96 0.96 0.00	21.84 1.01 0.00	19.66 0.93 0.00	19.32 0.62 0.00	22.32 0.76 0.00	23.56 0.67 0.00	27.54 0.76 0.00	27.91 0.43 0.00	26.35 0.54 0.00	22.98 0.28 0.00	21.61 -0.09 0.00	5.14 -0.29 12.86	13.08 -0.25 3.18	-21.55 -0.33 40.04	-21.57 -0.43 41.48	4.57 -0.48 17.93	7.52 -0.63 14.34	-17.81 -0.99 41.39	-3.19 -0.72 25.73	-21.48 -0.62 45.69	12.06 -0.44 17.06	3.53 -0.36 25.25	27.27 0.01 0.00	22.27 0.05 0.00
NEG WEST_LEA_LOCKPORT 23791	20.25 -1.75 0.00	19.25 -1.59 0.00	17.22 -1.51 0.00	17.18 -1.52 0.00	19.89 -1.67 0.00	20.84 -2.05 0.00	24.09 -2.69 0.00	24.46 -3.03 0.00	22.97 -2.84 0.00	20.26 -2.44 0.00	19.32 -2.39 0.00	16.35 -1.94 0.00	14.82 -1.68 0.00	16.97 -1.85 0.00	18.10 -2.25 0.00	20.48 -2.52 0.00	20.21 -2.28 0.00	21.93 -2.64 0.00	20.49 -2.76 0.00	22.09 -2.74 0.00	26.50 -3.06 0.00	26.56 -2.58 0.00	24.74 -2.52 0.00	20.40 -1.82 0.00
NEG WEST___LANCASTER 23811	21.38 -0.62 0.00	20.31 -0.53 0.00	18.16 -0.57 0.00	18.14 -0.56 0.00	20.99 -0.57 0.00	22.05 -0.84 0.00	25.59 -1.19 0.00	26.04 -1.44 0.00	24.40 -1.40 0.00	21.52 -1.18 0.00	20.58 -1.13 0.00	17.40 -0.88 0.00	15.79 -0.72 0.00	18.04 -0.78 0.00	19.21 -1.13 0.00	21.73 -1.27 0.00	21.42 -1.07 0.00	23.30 -1.27 0.00	21.81 -1.45 0.00	23.42 -1.41 0.00	28.03 -1.54 0.00	27.89 -1.25 0.00	26.00 -1.27 0.00	21.36 -0.86 0.00
NEG_PENN_ALLEGHNY 23528	22.03 0.03 0.00	20.85 0.01 0.00	18.69 -0.04 0.00	18.69 -0.02 0.00	21.55 -0.01 0.00	22.89 -0.01 0.00	26.82 0.04 0.00	27.60 0.11 0.00	25.78 -0.03 0.00	22.67 -0.03 0.00	21.66 -0.05 0.00	18.25 -0.04 0.00	16.44 -0.06 0.00	18.74 -0.08 0.00	20.24 -0.11 0.00	22.91 -0.08 0.00	22.62 0.14 0.00	24.83 0.26 0.00	23.40 0.15 0.00	24.95 0.13 0.00	30.12 -0.01 -0.56	29.27 -0.06 -0.20	27.20 -0.06 0.00	22.17 -0.05 0.00
NEG___GEN_MONROE 24207	21.53 -0.47 0.00	20.42 -0.42 0.00	18.28 -0.45 0.00	18.24 -0.45 0.00	21.14 -0.42 0.00	22.30 -0.59 0.00	26.05 -0.72 0.00	26.55 -0.93 0.00	24.89 -0.92 0.00	21.75 -0.95 0.00	20.62 -1.09 0.00	17.38 -0.91 0.00	15.72 -0.78 0.00	18.00 -0.83 0.00	19.35 -1.00 0.00	22.08 -0.92 0.00	21.91 -0.58 0.00	23.95 -0.62 0.00	22.20 -1.06 0.00	23.67 -1.15 0.00	28.19 -1.37 0.00	27.99 -1.15 0.00	26.05 -1.21 0.00	21.36 -0.86 0.00
NEPA___ENERGY 23901	20.89 -1.11 0.00	19.79 -1.05 0.00	17.67 -1.05 0.00	17.67 -1.03 0.00	20.41 -1.15 0.00	21.53 -1.37 0.00	25.07 -1.70 0.00	25.68 -1.81 0.00	23.97 -1.83 0.00	21.10 -1.60 0.00	20.14 -1.57 0.00	17.06 -1.22 0.00	15.41 -1.09 0.00	17.57 -1.25 0.00	18.78 -1.56 0.00	21.25 -1.74 0.00	21.03 -1.45 0.00	22.96 -1.60 0.00	21.50 -1.76 0.00	22.99 -1.83 0.00	27.44 -2.13 0.00	27.27 -1.87 0.00	25.54 -1.72 0.00	20.90 -1.32 0.00
NEVERSink___HYD 23608	23.08 1.08 0.00	21.79 0.95 0.00	19.61 0.88 0.00	19.59 0.89 0.00	22.61 1.05 0.00	24.19 1.30 0.00	28.62 1.84 0.00	29.69 2.21 0.00	27.62 1.82 0.00	24.16 1.46 0.00	23.14 1.44 0.00	19.32 1.15 0.12	16.69 1.03 0.84	19.98 1.17 0.00	21.60 1.34 0.09	24.51 1.52 0.00	24.33 1.84 0.00	26.88 2.31 0.00	25.31 2.05 0.00	27.00 2.17 0.00	31.89 2.33 0.00	31.27 2.14 0.00	29.19 1.93 0.00	23.65 1.43 0.00
NEWKRMKL_115KV_TB1 55635	22.13 0.14 0.00	20.98 0.14 0.00	18.90 0.17 0.00	18.90 0.20 0.00	21.75 0.19 0.00	23.17 0.28 0.00	27.24 0.46 0.00	28.13 0.65 0.00	26.19 0.38 0.00	23.01 0.31 0.00	22.00 0.30 0.00	18.51 0.23 0.00	16.69 0.19 0.00	19.08 0.25 0.00	20.77 0.43 0.00	23.50 0.51 0.00	23.12 0.64 0.00	25.49 0.92 0.00	23.97 0.72 0.00	25.53 0.71 0.00	30.21 0.64 0.00	29.66 0.52 0.00	27.70 0.43 0.00	22.49 0.27 0.00



NEWTON___FALLS_HYD 23847	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00
NGRID_A1_DSASP 323792	19.73 -2.27 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.43 -2.13 0.00	20.33 -2.56 0.00	23.41 -3.37 0.00	23.72 -3.77 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.72 0.00	19.89 -3.10 0.00	19.61 -2.88 0.00	21.24 -3.32 0.00	19.89 -3.36 0.00	21.47 -3.35 0.00	24.32 -3.76 1.48	25.42 -3.20 0.51	24.14 -3.13 0.00	19.97 -2.25 0.00
NGRID_A2_DSASP 323793	19.73 -2.27 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.43 -2.13 0.00	20.33 -2.56 0.00	23.41 -3.37 0.00	23.72 -3.77 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.72 0.00	19.89 -3.10 0.00	19.61 -2.88 0.00	21.24 -3.32 0.00	19.89 -3.36 0.00	21.47 -3.35 0.00	24.32 -3.76 1.48	25.42 -3.20 0.51	24.14 -3.13 0.00	19.97 -2.25 0.00
NGRID_A4_DSASP 323807	19.73 -2.27 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.43 -2.13 0.00	20.33 -2.56 0.00	23.41 -3.37 0.00	23.72 -3.77 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.72 0.00	19.89 -3.10 0.00	19.61 -2.88 0.00	21.24 -3.32 0.00	19.89 -3.36 0.00	21.47 -3.35 0.00	24.32 -3.76 1.48	25.42 -3.20 0.51	24.14 -3.13 0.00	19.97 -2.25 0.00
NIAGARA_115E_LBMP 323715	19.94 -2.06 0.00	18.97 -1.87 0.00	16.98 -1.75 0.00	16.95 -1.75 0.00	19.62 -1.94 0.00	20.54 -2.35 0.00	23.67 -3.10 0.00	24.02 -3.46 0.00	22.55 -3.26 0.00	19.91 -2.79 0.00	19.01 -2.69 0.00	16.10 -2.19 0.00	14.61 -1.89 0.00	16.73 -2.09 0.00	17.81 -2.54 0.00	20.12 -2.87 0.00	19.85 -2.64 0.00	21.53 -3.03 0.00	20.14 -3.12 0.00	21.72 -3.11 0.00	24.59 -3.51 1.47	25.64 -2.99 0.51	24.37 -2.89 0.00	20.12 -2.10 0.00
NIAGARA_115W_LBMP 323714	19.68 -2.32 0.00	18.73 -2.11 0.00	16.77 -1.96 0.00	16.74 -1.96 0.00	19.38 -2.18 0.00	20.28 -2.61 0.00	23.34 -3.43 0.00	23.66 -3.82 0.00	22.21 -3.59 0.00	19.64 -3.06 0.00	18.77 -2.94 0.00	15.90 -2.39 0.00	14.43 -2.07 0.00	16.52 -2.30 0.00	17.57 -2.77 0.00	19.83 -3.16 0.00	19.55 -2.94 0.00	21.19 -3.38 0.00	19.84 -3.41 0.00	21.41 -3.41 0.00	24.26 -3.82 1.48	25.36 -3.26 0.51	24.07 -3.19 0.00	19.93 -2.28 0.00
NIAGARA_230_LBMP 323716	19.99 -2.01 0.00	19.02 -1.82 0.00	17.03 -1.70 0.00	17.00 -1.70 0.00	19.68 -1.88 0.00	20.61 -2.29 0.00	23.75 -3.02 0.00	24.09 -3.39 0.00	22.62 -3.18 0.00	19.99 -2.71 0.00	19.12 -2.59 0.00	16.18 -2.10 0.00	14.69 -1.81 0.00	16.82 -2.00 0.00	17.91 -2.44 0.00	20.22 -2.77 0.00	19.94 -2.55 0.00	21.62 -2.95 0.00	20.25 -3.01 0.00	21.85 -2.97 0.00	24.76 -3.35 1.45	25.75 -2.88 0.50	24.47 -2.80 0.00	20.17 -2.05 0.00
NIAGARA___115KV_198_GIBSON 55903	19.67 -2.33 0.00	18.73 -2.11 0.00	16.77 -1.96 0.00	16.74 -1.96 0.00	19.37 -2.18 0.00	20.27 -2.62 0.00	23.35 -3.43 0.00	23.66 -3.82 0.00	22.22 -3.59 0.00	19.64 -3.06 0.00	18.76 -2.94 0.00	15.90 -2.39 0.00	14.43 -2.07 0.00	16.52 -2.30 0.00	17.57 -2.78 0.00	19.84 -3.15 0.00	19.54 -2.94 0.00	21.18 -3.39 0.00	19.84 -3.41 0.00	21.41 -3.42 0.00	25.74 -3.82 0.00	25.87 -3.26 0.00	24.07 -3.19 0.00	19.94 -2.28 0.00
NIAGARA____ 23760	19.99 -2.01 0.00	19.02 -1.82 0.00	17.03 -1.70 0.00	17.00 -1.70 0.00	19.68 -1.88 0.00	20.61 -2.29 0.00	23.75 -3.02 0.00	24.09 -3.39 0.00	22.62 -3.18 0.00	19.99 -2.71 0.00	19.12 -2.59 0.00	16.18 -2.10 0.00	14.69 -1.81 0.00	16.82 -2.00 0.00	17.91 -2.44 0.00	20.22 -2.77 0.00	19.94 -2.55 0.00	21.62 -2.95 0.00	20.25 -3.01 0.00	21.85 -2.97 0.00	24.75 -3.35 1.46	25.75 -2.88 0.50	24.47 -2.80 0.00	20.17 -2.05 0.00
NINE_MILE_1 23575	21.22 -0.77 0.00	20.11 -0.72 0.00	18.07 -0.66 0.00	18.04 -0.66 0.00	20.80 -0.76 0.00	22.03 -0.86 0.00	25.65 -1.12 0.00	26.22 -1.26 0.00	24.60 -1.21 0.00	21.67 -1.03 0.00	20.73 -0.98 0.00	17.47 -0.81 0.00	15.76 -0.74 0.00	17.98 -0.84 0.00	19.43 -0.91 0.00	21.97 -1.02 0.00	21.58 -0.90 0.00	23.59 -0.97 0.00	22.31 -0.95 0.00	23.90 -0.93 0.00	28.34 -1.22 0.00	27.93 -1.21 0.00	26.15 -1.12 0.00	21.43 -0.79 0.00
NINE_MILE_2 23744	21.23 -0.77 0.00	20.12 -0.72 0.00	18.07 -0.66 0.00	18.04 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.65 -1.12 0.00	26.22 -1.26 0.00	24.60 -1.21 0.00	21.67 -1.03 0.00	20.73 -0.98 0.00	17.48 -0.81 0.00	15.76 -0.74 0.00	17.99 -0.83 0.00	19.44 -0.91 0.00	21.97 -1.02 0.00	21.58 -0.90 0.00	23.59 -0.97 0.00	22.31 -0.94 0.00	23.90 -0.93 0.00	28.34 -1.22 0.00	27.93 -1.21 0.00	26.15 -1.12 0.00	21.43 -0.78 0.00
NM_CAPITAL___DRP 24208	22.19 0.19 0.00	21.02 0.19 0.00	18.94 0.21 0.00	18.94 0.24 0.00	21.81 0.25 0.00	23.23 0.34 0.00	27.30 0.53 0.00	28.25 0.77 0.00	26.32 0.51 0.00	23.13 0.43 0.00	22.12 0.41 0.00	18.62 0.33 0.00	16.78 0.28 0.00	19.14 0.32 0.00	20.83 0.48 0.00	23.56 0.57 0.00	23.17 0.68 0.00	25.54 0.97 0.00	24.02 0.76 0.00	25.59 0.76 0.00	30.27 0.71 0.00	29.72 0.59 0.00	27.77 0.50 0.00	22.53 0.31 0.00
NM_CENTRAL___DRP 24181	21.65 -0.34 0.00	20.51 -0.32 0.00	18.42 -0.31 0.00	18.39 -0.31 0.00	21.21 -0.35 0.00	22.47 -0.42 0.00	26.24 -0.54 0.00	26.78 -0.71 0.00	25.08 -0.72 0.00	22.09 -0.62 0.00	21.11 -0.60 0.00	17.79 -0.50 0.00	16.03 -0.47 0.00	18.29 -0.53 0.00	19.77 -0.58 0.00	22.37 -0.62 0.00	22.01 -0.48 0.00	24.11 -0.45 0.00	22.77 -0.49 0.00	24.42 -0.41 0.00	28.93 -0.63 0.00	28.49 -0.64 0.00	26.68 -0.58 0.00	21.84 -0.38 0.00
NM_FRONTIER___DRP 24179	19.67 -2.33 0.00	18.73 -2.11 0.00	16.77 -1.96 0.00	16.74 -1.96 0.00	19.37 -2.18 0.00	20.27 -2.62 0.00	23.35 -3.43 0.00	23.66 -3.82 0.00	22.22 -3.59 0.00	19.64 -3.06 0.00	18.76 -2.94 0.00	15.90 -2.39 0.00	14.43 -2.07 0.00	16.52 -2.30 0.00	17.57 -2.78 0.00	19.84 -3.15 0.00	19.54 -2.94 0.00	21.18 -3.39 0.00	19.84 -3.41 0.00	21.41 -3.42 0.00	25.74 -3.82 0.00	25.87 -3.26 0.00	24.07 -3.19 0.00	19.94 -2.28 0.00
NM_ST_REGIS___HYD 24053	22.57 0.57 0.00	21.43 0.59 0.00	19.24 0.51 0.00	19.09 0.39 0.00	21.95 0.39 0.00	23.06 0.17 0.00	26.64 -0.13 0.00	27.09 -0.39 0.00	25.63 -0.18 0.00	22.58 -0.12 0.00	21.46 -0.24 0.00	21.38 -0.27 -3.36	17.15 -0.18 -0.83	29.09 -0.20 -10.46	30.90 -0.29 -10.84	27.39 -0.29 -4.69	25.55 -0.68 -3.75	34.36 -1.02 -10.81	29.15 -0.83 -6.72	36.00 -0.76 -11.93	33.61 -0.42 -4.46	35.64 -0.09 -6.60	27.41 0.15 0.00	22.30 0.08 0.00



NORTHPORT___1 23551	23.20 1.21 0.00	21.92 1.09 0.00	19.64 0.91 0.00	19.52 0.82 0.00	22.52 0.95 0.00	24.25 1.35 0.00	28.83 2.06 0.00	30.14 2.65 0.00	28.02 2.22 0.00	24.57 1.87 0.00	23.66 1.95 0.00	20.36 1.57 -0.50	21.42 1.41 -3.52	20.35 1.50 -0.02	22.27 1.55 -0.37	24.72 1.73 0.00	24.60 2.12 0.00	27.07 2.51 0.00	25.27 2.01 0.00	27.08 2.25 0.00	32.02 2.46 0.00	31.58 2.45 0.00	29.40 2.14 0.00	23.87 1.65 0.00
NORTHPORT___2 23552	23.20 1.21 0.00	21.92 1.09 0.00	19.64 0.91 0.00	19.52 0.82 0.00	22.52 0.95 0.00	24.25 1.35 0.00	28.83 2.06 0.00	30.14 2.65 0.00	28.02 2.22 0.00	24.57 1.87 0.00	23.66 1.95 0.00	20.36 1.57 -0.50	21.42 1.41 -3.52	20.35 1.50 -0.02	22.27 1.55 -0.37	24.72 1.73 0.00	24.60 2.12 0.00	27.07 2.51 0.00	25.27 2.01 0.00	27.08 2.25 0.00	32.02 2.46 0.00	31.58 2.45 0.00	29.40 2.14 0.00	23.87 1.65 0.00
NORTHPORT___3 23553	23.29 1.29 0.00	21.97 1.13 0.00	19.47 0.74 0.00	19.35 0.65 0.00	22.30 0.74 0.00	23.99 1.10 0.00	28.51 1.73 0.00	29.77 2.29 0.00	27.70 1.89 0.00	24.35 1.65 0.00	23.46 1.76 0.00	20.22 1.43 -0.50	21.29 1.27 -3.52	20.19 1.35 -0.02	22.10 1.38 -0.37	24.48 1.49 0.00	24.31 1.82 0.00	26.80 2.23 0.00	25.06 1.80 0.00	26.82 2.00 0.00	31.73 2.16 0.00	31.30 2.17 0.00	29.20 1.93 0.00	23.68 1.47 0.00
NORTHPORT___4 23650	23.29 1.29 0.00	21.97 1.13 0.00	19.47 0.74 0.00	19.35 0.65 0.00	22.30 0.74 0.00	23.99 1.10 0.00	28.51 1.73 0.00	29.77 2.29 0.00	27.70 1.89 0.00	24.35 1.65 0.00	23.46 1.76 0.00	20.22 1.43 -0.50	21.29 1.27 -3.52	20.19 1.35 -0.02	22.10 1.38 -0.37	24.48 1.49 0.00	24.31 1.82 0.00	26.80 2.23 0.00	25.06 1.80 0.00	26.82 2.00 0.00	31.73 2.16 0.00	31.30 2.17 0.00	29.20 1.93 0.00	23.68 1.47 0.00
NORTHPORT___IC 23718	23.20 1.21 0.00	21.92 1.09 0.00	19.64 0.91 0.00	19.52 0.82 0.00	22.52 0.95 0.00	24.25 1.35 0.00	28.83 2.06 0.00	30.14 2.65 0.00	28.02 2.22 0.00	24.57 1.87 0.00	23.66 1.95 0.00	20.36 1.57 -0.50	21.42 1.41 -3.52	20.35 1.50 -0.02	22.27 1.55 -0.37	24.72 1.73 0.00	24.60 2.12 0.00	27.07 2.51 0.00	25.27 2.01 0.00	27.08 2.25 0.00	32.02 2.46 0.00	31.58 2.45 0.00	29.40 2.14 0.00	23.87 1.65 0.00
NORTH___COUNTRY_ESR 323785	22.61 0.61 0.00	21.50 0.66 0.00	19.32 0.60 0.00	18.99 0.29 0.00	21.95 0.39 0.00	23.21 0.31 0.00	27.04 0.26 0.00	27.35 -0.13 0.00	25.91 0.10 0.00	22.61 -0.09 0.00	21.28 -0.43 0.00	4.17 -0.54 13.58	12.72 -0.43 3.35	-23.98 -0.52 42.28	-24.11 -0.65 43.81	3.27 -0.79 18.94	6.34 -1.01 15.14	-20.47 -1.35 43.70	-5.02 -1.10 27.17	-24.46 -1.04 48.25	10.66 -0.89 18.02	1.69 -0.79 26.66	26.83 -0.43 0.00	21.90 -0.32 0.00
NPX_GEN_1385_PROXY 323591	23.09 1.09 0.00	21.92 1.09 0.00	19.64 0.91 0.00	19.41 0.71 0.00	22.40 0.84 0.00	24.33 1.43 0.00	28.79 2.02 0.00	30.40 2.92 0.00	27.88 2.07 0.00	24.35 1.64 0.00	23.36 1.66 0.00	20.02 1.24 -0.50	21.19 1.18 -3.52	20.49 1.42 -0.25	22.08 1.36 -0.37	26.52 1.73 -1.80	24.70 2.21 0.00	27.16 2.59 0.00	24.87 1.61 0.00	26.74 1.91 0.00	31.62 2.06 0.00	31.38 2.24 0.00	30.94 1.99 -1.69	23.65 1.52 0.08
NPX_GEN_CSC 323557	23.08 1.08 0.00	21.76 0.92 0.00	19.58 0.86 0.00	19.48 0.78 0.00	22.48 0.92 0.00	24.15 1.26 0.00	28.92 2.14 0.00	30.23 2.75 0.00	28.59 2.78 0.00	24.98 2.28 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.42 1.35 -0.25	22.10 1.38 -0.37	26.35 1.57 -1.80	24.56 2.07 0.00	26.98 2.42 0.00	25.25 1.99 0.00	27.17 2.34 0.00	32.26 2.69 0.00	31.71 2.57 0.00	30.89 1.94 -1.69	23.80 1.67 0.08
NSINS_S_GLNS_FALLS 23858	22.34 0.35 0.00	21.13 0.29 0.00	19.00 0.27 0.00	19.01 0.31 0.00	22.05 0.49 0.00	23.58 0.69 0.00	27.84 1.06 0.00	28.89 1.41 0.00	26.84 1.04 0.00	23.55 0.85 0.00	22.42 0.71 0.00	18.85 0.56 0.00	17.01 0.51 0.00	19.52 0.70 0.00	21.23 0.88 0.00	23.99 1.00 0.00	23.71 1.23 0.00	26.15 1.58 0.00	24.59 1.33 0.00	26.19 1.36 0.00	30.84 1.28 0.00	30.21 1.07 0.00	28.10 0.84 0.00	22.75 0.53 0.00
NUCOR_STEEL___DRP 24197	22.17 0.17 0.00	21.08 0.24 0.00	18.92 0.19 0.00	18.80 0.10 0.00	21.79 0.23 0.00	23.11 0.21 0.00	27.13 0.36 0.00	27.57 0.09 0.00	25.79 -0.01 0.00	22.75 0.05 0.00	21.61 -0.10 0.00	18.24 -0.05 0.00	16.45 -0.05 0.00	18.68 -0.15 0.00	20.27 -0.08 0.00	23.03 0.03 0.00	22.59 0.11 0.00	24.97 0.40 0.00	23.54 0.28 0.00	25.03 0.20 0.00	29.76 0.19 0.00	29.35 0.21 0.00	27.25 -0.02 0.00	22.38 0.16 0.00
NUMBER_THREE_WT_PWR 323818	22.20 0.20 0.00	21.10 0.27 0.00	18.95 0.22 0.00	18.84 0.14 0.00	21.58 0.02 0.00	22.71 -0.18 0.00	26.26 -0.51 0.00	27.10 -0.39 0.00	25.38 -0.42 0.00	22.06 -0.64 0.00	20.82 -0.88 0.00	18.00 -0.88 -0.59	15.90 -0.75 -0.15	19.69 -0.98 -1.85	21.33 -0.93 -1.91	23.23 -0.59 -0.83	22.84 -0.31 -0.66	25.96 -0.51 -1.91	23.68 -0.77 -1.19	26.10 -0.83 -2.10	29.76 -0.58 -0.78	29.75 -0.54 -1.16	26.72 -0.54 0.00	21.61 -0.61 0.00
NYISO_LBMP_REFERENCE 24008	22.00 0.00 0.00	20.84 0.00 0.00	18.73 0.00 0.00	18.70 0.00 0.00	21.56 0.00 0.00	22.89 0.00 0.00	26.78 0.00 0.00	27.48 0.00 0.00	25.81 0.00 0.00	22.70 0.00 0.00	21.71 0.00 0.00	18.29 0.00 0.00	16.50 0.00 0.00	18.82 0.00 0.00	20.35 0.00 0.00	22.99 0.00 0.00	22.49 0.00 0.00	24.57 0.00 0.00	23.26 0.00 0.00	24.83 0.00 0.00	29.56 0.00 0.00	29.14 0.00 0.00	27.26 0.00 0.00	22.22 0.00 0.00
NYPA_BRENTWD___GT 24164	23.44 1.44 0.00	22.13 1.29 0.00	19.83 1.11 0.00	19.73 1.03 0.00	22.76 1.20 0.00	24.50 1.61 0.00	29.19 2.42 0.00	30.50 3.01 0.00	28.41 2.60 0.00	24.88 2.18 0.00	23.93 2.22 0.00	20.57 1.79 -0.50	21.62 1.60 -3.52	20.54 1.70 -0.02	22.51 1.78 -0.37	25.00 2.01 0.00	24.91 2.43 0.00	27.45 2.88 0.00	25.65 2.39 0.00	27.47 2.64 0.00	32.50 2.94 0.00	32.00 2.86 0.00	29.74 2.48 0.00	24.13 1.91 0.00
NYPA_GOWANUS___GT5 24156	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00
NYPA_GOWANUS___GT6 24157	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.78 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.50 0.00	23.32 1.61 0.00	20.19 1.40 -0.50	21.26 1.22 -3.54	20.18 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.90 0.00	27.03 2.47 0.00	25.38 2.12 0.00	27.00 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00



NYPA_HARLEM__RVR__GT1 24160	22.79 0.79 0.00	21.52 0.68 0.00	19.39 0.66 0.00	19.38 0.68 0.00	22.32 0.76 0.00	23.92 1.03 0.00	28.30 1.53 0.00	29.51 2.02 0.00	27.48 1.67 0.00	24.14 1.44 0.00	23.24 1.54 0.00	20.09 1.30 -0.50	21.18 1.14 -3.54	20.08 1.24 -0.02	22.13 1.41 -0.38	24.50 1.51 0.00	24.22 1.74 0.01	26.80 2.24 0.01	25.23 1.97 0.00	26.79 1.97 0.00	31.61 2.05 0.00	31.02 1.88 0.00	28.93 1.66 0.00	23.40 1.18 0.00
NYPA_HARLEM__RVR__GT2 24161	22.79 0.79 0.00	21.52 0.68 0.00	19.39 0.66 0.00	19.38 0.68 0.00	22.32 0.76 0.00	23.92 1.03 0.00	28.30 1.53 0.00	29.51 2.02 0.00	27.48 1.67 0.00	24.14 1.44 0.00	23.24 1.54 0.00	20.09 1.30 -0.50	21.18 1.14 -3.54	20.08 1.24 -0.02	22.13 1.41 -0.38	24.50 1.51 0.00	24.22 1.74 0.01	26.80 2.24 0.01	25.23 1.97 0.00	26.79 1.97 0.00	31.61 2.05 0.00	31.02 1.88 0.00	28.93 1.66 0.00	23.40 1.18 0.00
NYPA_KENT____GT 24152	22.88 0.88 0.00	21.61 0.77 0.00	19.49 0.76 0.00	19.48 0.78 0.00	22.42 0.86 0.00	24.02 1.13 0.00	28.49 1.72 0.00	29.65 2.17 0.00	27.59 1.78 0.00	24.20 1.50 0.00	23.32 1.62 0.00	20.19 1.40 -0.50	21.27 1.23 -3.54	20.19 1.35 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.38 1.89 0.00	27.00 2.43 0.00	25.35 2.09 0.00	26.96 2.14 0.00	31.83 2.27 0.00	31.20 2.06 0.00	29.06 1.79 0.00	23.50 1.28 0.00
NYPA_POUCH1____GT 24155	22.87 0.87 0.00	21.59 0.76 0.00	19.49 0.76 0.00	19.48 0.78 0.00	22.42 0.86 0.00	24.03 1.14 0.00	28.51 1.73 0.00	29.64 2.15 0.00	27.55 1.75 0.00	24.15 1.45 0.00	23.28 1.57 0.00	20.14 1.35 -0.50	21.22 1.17 -3.54	20.13 1.29 -0.02	22.19 1.47 -0.38	24.59 1.60 0.00	24.35 1.86 0.00	27.01 2.44 0.00	25.36 2.10 0.00	26.99 2.16 0.00	31.87 2.31 0.00	31.25 2.12 0.00	29.10 1.83 0.00	23.54 1.33 0.00
NYPA_VERNON____GT2 24162	22.87 0.87 0.00	21.60 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.47 1.69 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.20 1.50 0.00	23.32 1.61 0.00	20.20 1.41 -0.50	21.28 1.24 -3.54	20.21 1.36 -0.02	22.24 1.52 -0.38	24.63 1.64 0.00	24.37 1.88 0.00	26.97 2.40 0.00	25.31 2.06 0.00	26.92 2.10 0.00	31.77 2.21 0.00	31.14 2.01 0.00	29.02 1.75 0.00	23.47 1.25 0.00
NYPA_VERNON____GT3 24163	22.87 0.87 0.00	21.60 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.47 1.69 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.20 1.50 0.00	23.32 1.61 0.00	20.20 1.41 -0.50	21.28 1.24 -3.54	20.21 1.36 -0.02	22.24 1.52 -0.38	24.63 1.64 0.00	24.37 1.88 0.00	26.97 2.40 0.00	25.31 2.06 0.00	26.92 2.10 0.00	31.77 2.21 0.00	31.14 2.01 0.00	29.02 1.75 0.00	23.47 1.25 0.00
NYPA__ASTORIA_CC1 323568	22.82 0.82 0.00	21.56 0.73 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.14 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
NYPA__ASTORIA_CC2 323569	22.82 0.82 0.00	21.56 0.73 0.00	19.44 0.72 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.72 0.00	24.14 1.45 0.00	23.28 1.57 0.00	20.17 1.38 -0.50	21.25 1.21 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.59 0.00	24.33 1.84 0.00	26.91 2.35 0.00	25.27 2.01 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.69 0.00	23.42 1.21 0.00
NYPA__HOLTSVILL 23794	23.29 1.29 0.00	21.98 1.14 0.00	19.71 0.99 0.00	19.61 0.91 0.00	22.62 1.06 0.00	24.35 1.46 0.00	29.02 2.24 0.00	30.31 2.83 0.00	28.31 2.51 0.00	24.79 2.09 0.00	23.83 2.12 0.00	20.49 1.71 -0.50	21.53 1.52 -3.52	20.39 1.55 -0.02	22.35 1.62 -0.37	24.80 1.81 0.00	24.73 2.24 0.00	27.22 2.65 0.00	25.45 2.20 0.00	27.30 2.47 0.00	32.31 2.75 0.00	31.80 2.66 0.00	29.52 2.26 0.00	23.99 1.77 0.00
NYPA__HELLGATE_GT1 24158	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.90 1.01 0.00	28.27 1.50 0.00	29.48 1.99 0.00	27.46 1.66 0.00	24.13 1.44 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.70 0.01	26.77 2.21 0.01	25.20 1.95 0.00	26.76 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
NYPA__HELLGATE_GT2 24159	22.79 0.79 0.00	21.51 0.67 0.00	19.38 0.65 0.00	19.37 0.67 0.00	22.31 0.75 0.00	23.90 1.01 0.00	28.27 1.50 0.00	29.48 1.99 0.00	27.46 1.66 0.00	24.13 1.44 0.00	23.23 1.52 0.00	20.08 1.29 -0.50	21.17 1.13 -3.54	20.06 1.22 -0.02	22.11 1.39 -0.38	24.48 1.49 0.00	24.19 1.70 0.01	26.77 2.21 0.01	25.20 1.95 0.00	26.76 1.94 0.00	31.57 2.01 0.00	30.99 1.85 0.00	28.91 1.64 0.00	23.40 1.18 0.00
NYS_BARGE__HYD 23848	20.28 -1.72 0.00	19.28 -1.56 0.00	17.24 -1.49 0.00	17.21 -1.49 0.00	19.93 -1.63 0.00	20.89 -2.00 0.00	24.12 -2.65 0.00	24.51 -2.98 0.00	23.01 -2.80 0.00	20.29 -2.40 0.00	19.35 -2.36 0.00	16.37 -1.92 0.00	14.84 -1.66 0.00	17.00 -1.82 0.00	18.13 -2.22 0.00	20.51 -2.49 0.00	20.26 -2.23 0.00	21.99 -2.58 0.00	20.55 -2.71 0.00	22.15 -2.68 0.00	25.21 -3.00 1.35	26.14 -2.53 0.47	24.79 -2.48 0.00	20.43 -1.79 0.00
OAK_ORCHARD__HYD 24046	21.47 -0.53 0.00	20.36 -0.48 0.00	18.23 -0.50 0.00	18.20 -0.50 0.00	21.07 -0.49 0.00	22.25 -0.64 0.00	25.97 -0.81 0.00	26.47 -1.01 0.00	24.82 -0.99 0.00	21.72 -0.98 0.00	20.62 -1.09 0.00	17.38 -0.91 0.00	15.72 -0.79 0.00	17.99 -0.84 0.00	19.36 -0.99 0.00	22.03 -0.96 0.00	21.84 -0.64 0.00	23.88 -0.68 0.00	22.11 -1.14 0.00	23.56 -1.27 0.00	27.36 -1.51 0.69	27.58 -1.32 0.24	25.92 -1.35 0.00	21.25 -0.97 0.00
OAKDALE__35_KV_LOAD 356122	21.94 -0.05 0.00	20.78 -0.06 0.00	18.62 -0.10 0.00	18.62 -0.09 0.00	21.47 -0.09 0.00	22.80 -0.09 0.00	26.71 -0.07 0.00	27.47 -0.02 0.00	25.66 -0.14 0.00	22.57 -0.13 0.00	21.57 -0.13 0.00	18.18 -0.11 0.00	16.39 -0.11 0.00	18.68 -0.15 0.00	20.16 -0.18 0.00	22.82 -0.17 0.00	22.52 0.03 0.00	24.71 0.14 0.00	23.29 0.03 0.00	24.84 0.01 0.00	29.43 -0.14 0.00	28.96 -0.18 0.00	27.09 -0.17 0.00	22.10 -0.12 0.00
OCC_CHEM__DRP 24175	19.72 -2.28 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.42 -2.14 0.00	20.32 -2.57 0.00	23.42 -3.36 0.00	23.72 -3.76 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.73 0.00	19.90 -3.09 0.00	19.60 -2.88 0.00	21.24 -3.33 0.00	19.89 -3.36 0.00	21.47 -3.36 0.00	25.81 -3.75 0.00	25.94 -3.20 0.00	24.14 -3.13 0.00	19.97 -2.24 0.00



OH_GEN_PROXY 24063	20.04 -1.96 0.00	19.06 -1.77 0.00	17.07 -1.66 0.00	17.04 -1.66 0.00	19.73 -1.83 0.00	20.66 -2.23 0.00	23.84 -2.93 0.00	24.19 -3.29 0.00	22.73 -3.08 0.00	20.08 -2.62 0.00	19.22 -2.49 0.00	16.26 -2.03 0.00	23.26 -1.74 -8.50	29.86 -1.92 -12.95	21.84 -2.35 -3.85	32.18 -2.67 -11.86	38.68 -2.46 -18.65	21.72 -2.84 0.00	20.35 -2.90 0.00	35.04 -2.86 -13.07	36.16 -3.22 -9.82	46.35 -2.79 -20.01	37.55 -2.72 -13.00	20.14 -2.00 0.08
OLIN_CORP_DRP 24177	19.97 -2.03 0.00	18.99 -1.84 0.00	17.00 -1.73 0.00	16.97 -1.73 0.00	19.64 -1.92 0.00	20.56 -2.33 0.00	23.73 -3.05 0.00	24.06 -3.43 0.00	22.59 -3.22 0.00	19.95 -2.76 0.00	19.05 -2.66 0.00	16.13 -2.16 0.00	14.63 -1.87 0.00	16.75 -2.07 0.00	17.84 -2.51 0.00	20.16 -2.83 0.00	19.88 -2.61 0.00	21.57 -3.00 0.00	20.17 -3.08 0.00	21.76 -3.07 0.00	26.11 -3.45 0.00	26.20 -2.94 0.00	24.41 -2.85 0.00	20.15 -2.07 0.00
OLIN_CORP_DSASP 323712	19.73 -2.27 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.43 -2.13 0.00	20.33 -2.56 0.00	23.41 -3.37 0.00	23.72 -3.77 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.72 0.00	19.89 -3.10 0.00	19.61 -2.88 0.00	21.24 -3.32 0.00	19.89 -3.36 0.00	21.47 -3.35 0.00	24.32 -3.76 1.48	25.42 -3.20 0.51	24.14 -3.13 0.00	19.97 -2.25 0.00
ONEIDA_HERK_LFGE 323681	22.39 0.39 0.00	21.23 0.40 0.00	19.08 0.35 0.00	19.03 0.33 0.00	21.88 0.32 0.00	23.19 0.29 0.00	27.07 0.29 0.00	27.93 0.45 0.00	26.17 0.37 0.00	22.86 0.16 0.00	21.74 0.03 0.00	18.51 -0.06 -0.28	16.50 -0.07 -0.07	19.55 -0.15 -0.88	21.18 -0.07 -0.91	23.53 0.15 -0.39	23.18 0.38 -0.31	25.88 0.40 -0.91	24.05 0.23 -0.56	26.01 0.19 -1.00	30.26 0.32 -0.37	29.98 0.30 -0.55	27.47 0.21 0.00	22.30 0.08 0.00
ONEIDA___115KV_TB4 55905	22.49 0.49 0.00	21.31 0.47 0.00	19.16 0.43 0.00	19.15 0.45 0.00	22.08 0.52 0.00	23.46 0.56 0.00	27.51 0.73 0.00	28.30 0.82 0.00	26.49 0.68 0.00	23.16 0.46 0.00	22.11 0.41 0.00	18.54 0.26 0.00	16.66 0.16 0.00	18.97 0.14 0.00	20.57 0.22 0.00	23.37 0.38 0.00	23.12 0.64 0.00	25.35 0.79 0.00	23.91 0.66 0.00	25.51 0.69 0.00	30.28 0.72 0.00	29.76 0.63 0.00	27.80 0.53 0.00	22.62 0.40 0.00
ONONDAGA_REF_OCCRA 23987	21.86 -0.14 0.00	20.71 -0.13 0.00	18.58 -0.15 0.00	18.55 -0.15 0.00	21.41 -0.15 0.00	22.69 -0.20 0.00	26.52 -0.25 0.00	27.10 -0.39 0.00	25.38 -0.43 0.00	22.33 -0.36 0.00	21.33 -0.37 0.00	17.97 -0.32 0.00	16.19 -0.31 0.00	18.46 -0.35 0.00	19.96 -0.38 0.00	22.60 -0.39 0.00	22.26 -0.23 0.00	24.42 -0.15 0.00	23.05 -0.20 0.00	24.68 -0.15 0.00	29.25 -0.31 0.00	28.80 -0.34 0.00	26.94 -0.33 0.00	22.03 -0.18 0.00
ONONDAGA___COGEN 23986	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
ONTARIO___LFGE 23819	21.97 -0.03 0.00	20.76 -0.08 0.00	18.56 -0.17 0.00	18.51 -0.19 0.00	21.39 -0.16 0.00	22.73 -0.16 0.00	26.68 -0.09 0.00	27.24 -0.24 0.00	25.56 -0.24 0.00	22.45 -0.25 0.00	21.33 -0.38 0.00	17.93 -0.36 0.00	16.12 -0.38 0.00	18.36 -0.46 0.00	19.84 -0.51 0.00	22.55 -0.44 0.00	22.38 -0.11 0.00	24.56 -0.01 0.00	23.21 -0.06 -0.02	24.69 -0.14 0.00	29.24 -0.32 0.00	28.80 -0.34 0.00	26.83 -0.43 0.00	21.92 -0.30 0.00
ORANGEVILLE_WT_PWR 323706	20.36 -1.63 0.00	19.20 -1.64 0.00	17.04 -1.69 0.00	16.92 -1.78 0.00	19.61 -1.96 0.00	20.56 -2.34 0.00	23.78 -3.00 0.00	24.32 -3.17 0.00	22.76 -3.04 0.00	20.03 -2.67 0.00	19.10 -2.61 0.00	16.13 -2.16 0.00	14.55 -1.95 0.00	16.64 -2.18 0.00	17.74 -2.61 0.00	20.10 -2.89 0.00	19.89 -2.60 0.00	21.57 -3.00 0.00	20.14 -3.12 0.00	21.74 -3.09 0.00	24.66 -3.27 1.63	25.84 -2.74 0.56	24.69 -2.57 0.00	20.31 -1.91 0.00
ORANGEVILLE___ESR 323794	20.36 -1.63 0.00	19.20 -1.64 0.00	17.04 -1.69 0.00	16.92 -1.78 0.00	19.61 -1.96 0.00	20.56 -2.34 0.00	23.78 -3.00 0.00	24.32 -3.17 0.00	22.76 -3.04 0.00	20.03 -2.67 0.00	19.10 -2.61 0.00	16.13 -2.16 0.00	14.55 -1.95 0.00	16.64 -2.18 0.00	17.74 -2.61 0.00	20.10 -2.89 0.00	19.89 -2.60 0.00	21.57 -3.00 0.00	20.14 -3.12 0.00	21.74 -3.09 0.00	24.66 -3.27 1.63	25.84 -2.74 0.56	24.69 -2.57 0.00	20.31 -1.91 0.00
OSWEGATCHIE___HYD 24044	22.10 0.10 0.00	20.99 0.15 0.00	18.85 0.12 0.00	18.74 0.05 0.00	21.50 -0.06 0.00	22.59 -0.31 0.00	26.07 -0.71 0.00	26.70 -0.78 0.00	25.14 -0.67 0.00	22.03 -0.67 0.00	20.88 -0.83 0.00	18.84 -0.79 -1.34	16.17 -0.66 -0.33	22.22 -0.78 -4.18	23.88 -0.79 -4.33	24.22 -0.64 -1.87	23.26 -0.72 -1.49	27.87 -1.01 -4.31	24.91 -1.03 -2.68	28.55 -1.03 -4.75	30.54 -0.80 -1.78	31.19 -0.58 -2.63	26.82 -0.44 0.00	21.74 -0.47 0.00
OSWEGO___5 23606	21.39 -0.61 0.00	20.27 -0.57 0.00	18.21 -0.52 0.00	18.18 -0.52 0.00	20.96 -0.60 0.00	22.21 -0.68 0.00	25.89 -0.88 0.00	26.47 -1.02 0.00	24.82 -0.99 0.00	21.85 -0.85 0.00	20.90 -0.81 0.00	17.62 -0.67 0.00	15.88 -0.62 0.00	18.12 -0.70 0.00	19.58 -0.76 0.00	22.15 -0.84 0.00	21.78 -0.70 0.00	23.81 -0.75 0.00	22.51 -0.75 0.00	24.10 -0.72 0.00	28.60 -0.97 0.00	28.18 -0.96 0.00	26.37 -0.89 0.00	21.60 -0.62 0.00
OSWEGO___6 23613	21.39 -0.61 0.00	20.27 -0.57 0.00	18.21 -0.52 0.00	18.18 -0.52 0.00	20.96 -0.60 0.00	22.21 -0.68 0.00	25.89 -0.88 0.00	26.47 -1.02 0.00	24.82 -0.99 0.00	21.85 -0.85 0.00	20.90 -0.81 0.00	17.62 -0.67 0.00	15.88 -0.62 0.00	18.12 -0.70 0.00	19.58 -0.76 0.00	22.15 -0.84 0.00	21.78 -0.70 0.00	23.81 -0.75 0.00	22.51 -0.75 0.00	24.10 -0.72 0.00	28.60 -0.97 0.00	28.18 -0.96 0.00	26.37 -0.89 0.00	21.60 -0.62 0.00
OUTOKUMPU-AB___DRP 24206	20.31 -1.69 0.00	19.31 -1.53 0.00	17.28 -1.45 0.00	17.24 -1.46 0.00	19.95 -1.61 0.00	20.91 -1.98 0.00	24.19 -2.58 0.00	24.57 -2.91 0.00	23.06 -2.75 0.00	20.36 -2.34 0.00	19.44 -2.27 0.00	16.45 -1.84 0.00	14.90 -1.60 0.00	17.07 -1.75 0.00	18.20 -2.15 0.00	20.56 -2.43 0.00	20.29 -2.20 0.00	22.03 -2.53 0.00	20.60 -2.66 0.00	22.21 -2.61 0.00	26.65 -2.91 0.00	26.71 -2.42 0.00	24.87 -2.39 0.00	20.49 -1.73 0.00
OXBOW___BTM 323836	20.08 -1.92 0.00	19.10 -1.74 0.00	17.09 -1.64 0.00	17.05 -1.64 0.00	19.74 -1.82 0.00	20.68 -2.21 0.00	23.88 -2.89 0.00	24.24 -3.25 0.00	22.75 -3.06 0.00	20.09 -2.61 0.00	19.20 -2.51 0.00	16.25 -2.04 0.00	14.73 -1.77 0.00	16.88 -1.95 0.00	17.97 -2.37 0.00	20.30 -2.69 0.00	20.03 -2.46 0.00	21.72 -2.85 0.00	20.33 -2.93 0.00	21.92 -2.91 0.00	26.33 -3.24 0.00	26.42 -2.72 0.00	24.58 -2.68 0.00	20.29 -1.93 0.00



OXBOW____ 24026	20.08 -1.92 0.00	19.10 -1.74 0.00	17.09 -1.64 0.00	17.05 -1.64 0.00	19.75 -1.81 0.00	20.70 -2.20 0.00	23.87 -2.90 0.00	24.23 -3.25 0.00	22.75 -3.06 0.00	20.09 -2.61 0.00	19.20 -2.51 0.00	16.25 -2.04 0.00	14.73 -1.77 0.00	16.88 -1.94 0.00	17.98 -2.37 0.00	20.29 -2.70 0.00	20.03 -2.46 0.00	21.72 -2.84 0.00	20.33 -2.93 0.00	21.92 -2.90 0.00	24.82 -3.24 1.50	25.90 -2.72 0.52	24.58 -2.68 0.00	20.30 -1.92 0.00
OXY_CHEM_DSASP 323612	19.72 -2.28 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.42 -2.14 0.00	20.32 -2.57 0.00	23.42 -3.36 0.00	23.72 -3.76 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.73 0.00	19.90 -3.09 0.00	19.60 -2.88 0.00	21.24 -3.33 0.00	19.89 -3.36 0.00	21.47 -3.36 0.00	25.81 -3.75 0.00	25.94 -3.20 0.00	24.14 -3.13 0.00	19.97 -2.24 0.00
OZONE_PARK_ESR 323760	23.14 1.14 0.00	21.85 1.01 0.00	19.69 0.96 0.00	19.68 0.98 0.00	22.66 1.10 0.00	24.27 1.38 0.00	28.82 2.05 0.00	30.00 2.51 0.00	27.91 2.11 0.00	24.49 1.79 0.00	23.52 1.81 0.00	20.36 1.57 -0.50	21.44 1.38 -3.55	20.38 1.54 -0.02	22.43 1.71 -0.38	24.84 1.85 0.00	24.59 2.10 0.00	27.20 2.63 0.00	25.53 2.27 0.00	27.17 2.35 0.00	32.08 2.51 0.00	31.44 2.30 0.00	29.28 2.02 0.00	23.66 1.44 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.72 -2.28 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.42 -2.14 0.00	20.32 -2.57 0.00	23.42 -3.36 0.00	23.72 -3.76 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.73 0.00	19.90 -3.09 0.00	19.60 -2.88 0.00	21.24 -3.33 0.00	19.89 -3.36 0.00	21.47 -3.36 0.00	25.81 -3.75 0.00	25.94 -3.20 0.00	24.14 -3.13 0.00	19.97 -2.24 0.00
PACKARD__115KV_DUPONT_184 80571	19.72 -2.28 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.42 -2.14 0.00	20.32 -2.57 0.00	23.42 -3.36 0.00	23.72 -3.76 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.73 0.00	19.90 -3.09 0.00	19.60 -2.88 0.00	21.24 -3.33 0.00	19.89 -3.36 0.00	21.47 -3.36 0.00	25.81 -3.75 0.00	25.94 -3.20 0.00	24.14 -3.13 0.00	19.97 -2.24 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.82 0.83 0.00	21.54 0.71 0.00	19.42 0.69 0.00	19.41 0.71 0.00	22.35 0.79 0.00	23.95 1.06 0.00	28.37 1.60 0.00	29.56 2.07 0.00	27.52 1.71 0.00	24.14 1.44 0.00	23.26 1.56 0.00	20.12 1.33 -0.50	21.22 1.18 -3.54	20.12 1.28 -0.02	22.17 1.45 -0.38	24.56 1.57 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.27 2.01 0.00	26.86 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.97 1.71 0.00	23.43 1.22 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.94 0.94 0.00	21.66 0.82 0.00	19.53 0.80 0.00	19.52 0.81 0.00	22.49 0.93 0.00	24.10 1.20 0.00	28.59 1.82 0.00	29.77 2.28 0.00	27.69 1.88 0.00	24.29 1.59 0.00	23.40 1.69 0.00	20.23 1.44 -0.50	21.30 1.26 -3.54	20.19 1.35 -0.02	22.25 1.53 -0.38	24.64 1.65 0.00	24.37 1.89 0.00	27.00 2.43 0.00	25.36 2.10 0.00	26.95 2.12 0.00	31.85 2.28 0.00	31.20 2.07 0.00	29.11 1.85 0.00	23.56 1.35 0.00
PATROON__115KV_TB1 80586	22.20 0.20 0.00	21.03 0.19 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.81 0.25 0.00	23.24 0.34 0.00	27.32 0.54 0.00	28.19 0.71 0.00	26.23 0.43 0.00	23.05 0.35 0.00	22.04 0.33 0.00	18.55 0.26 0.00	16.72 0.22 0.00	19.12 0.30 0.00	20.84 0.49 0.00	23.57 0.58 0.00	23.19 0.71 0.00	25.57 1.00 0.00	24.05 0.79 0.00	25.61 0.78 0.00	30.30 0.74 0.00	29.74 0.61 0.00	27.78 0.51 0.00	22.55 0.33 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	21.18 -0.82 0.00	20.10 -0.73 0.00	17.98 -0.75 0.00	17.96 -0.74 0.00	20.77 -0.79 0.00	21.82 -1.07 0.00	25.32 -1.45 0.00	25.78 -1.71 0.00	24.17 -1.64 0.00	21.30 -1.40 0.00	20.36 -1.35 0.00	17.21 -1.07 0.00	15.61 -0.89 0.00	17.85 -0.97 0.00	19.01 -1.33 0.00	21.52 -1.48 0.00	21.23 -1.26 0.00	23.08 -1.49 0.00	21.60 -1.66 0.00	23.20 -1.62 0.00	27.79 -1.77 0.00	27.70 -1.44 0.00	25.82 -1.45 0.00	21.21 -1.01 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	23.05 1.06 0.00	21.77 0.94 0.00	19.60 0.88 0.00	19.59 0.89 0.00	22.60 1.04 0.00	24.18 1.29 0.00	28.63 1.86 0.00	29.76 2.28 0.00	27.68 1.87 0.00	24.27 1.57 0.00	23.29 1.58 0.00	19.77 1.34 -0.15	18.70 1.17 -1.03	20.13 1.30 -0.01	21.94 1.49 -0.11	24.63 1.64 0.00	24.38 1.89 0.00	26.97 2.40 0.00	25.34 2.08 0.00	27.03 2.20 0.00	31.89 2.33 0.00	31.27 2.14 0.00	29.15 1.89 0.00	23.58 1.37 0.00
PEEKSKILL____ 23653	22.79 0.79 0.00	21.54 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.36 0.80 0.00	23.93 1.04 0.00	28.33 1.56 0.00	29.44 1.95 0.00	27.38 1.57 0.00	24.02 1.32 0.00	23.08 1.38 0.00	20.07 1.18 -0.60	21.77 1.02 -4.25	19.96 1.12 -0.03	22.06 1.26 -0.45	24.35 1.36 0.00	24.09 1.60 0.00	26.63 2.07 0.00	25.03 1.77 0.00	26.64 1.81 0.00	31.45 1.89 0.00	30.84 1.71 0.00	28.78 1.52 0.00	23.31 1.09 0.00
PGE MADISON__WINDPWR 24146	23.30 1.30 0.00	22.15 1.31 0.00	19.92 1.20 0.00	20.05 1.35 0.00	23.26 1.70 0.00	24.74 1.85 0.00	29.01 2.23 0.00	29.75 2.27 0.00	27.85 2.05 0.00	24.31 1.61 0.00	23.04 1.33 0.00	19.23 0.94 0.00	17.30 0.80 0.00	19.66 0.84 0.00	21.17 0.83 0.00	24.21 1.22 0.00	24.18 1.69 0.00	26.52 1.95 0.00	24.90 1.64 0.00	26.45 1.63 0.00	32.10 2.14 -0.40	31.10 1.83 -0.14	28.76 1.50 0.00	23.43 1.21 0.00
PIERCEFIELD__HYD 23852	22.45 0.46 0.00	21.31 0.48 0.00	19.14 0.41 0.00	19.03 0.33 0.00	21.85 0.29 0.00	22.92 0.03 0.00	26.41 -0.36 0.00	26.89 -0.59 0.00	25.44 -0.37 0.00	22.45 -0.25 0.00	21.40 -0.30 0.00	19.97 -0.28 -1.97	16.80 -0.19 -0.49	24.75 -0.20 -6.13	26.42 -0.28 -6.35	25.47 -0.27 -2.74	23.98 -0.70 -2.19	29.86 -1.04 -6.33	26.33 -0.87 -3.94	31.02 -0.79 -6.99	31.74 -0.44 -2.61	32.94 -0.06 -3.86	27.44 0.17 0.00	22.31 0.09 0.00
PINELAWN_CC_1 323563	23.32 1.33 0.00	22.00 1.17 0.00	19.71 0.98 0.00	19.61 0.91 0.00	22.61 1.05 0.00	24.35 1.45 0.00	28.99 2.21 0.00	30.28 2.79 0.00	28.18 2.38 0.00	24.70 2.00 0.00	23.74 2.03 0.00	20.42 1.63 -0.50	21.48 1.46 -3.52	20.39 1.55 -0.02	22.23 1.51 -0.37	24.65 1.66 0.00	24.51 2.02 0.00	26.89 2.33 0.00	25.18 1.92 0.00	27.04 2.21 0.00	32.04 2.47 0.00	31.77 2.63 0.00	29.57 2.31 0.00	23.96 1.74 0.00
PJM_GEN_HTP_PROXY 323702	22.86 0.86 0.00	21.60 0.76 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.86 0.00	24.00 1.11 0.00	28.47 1.70 0.00	29.60 2.12 0.00	27.54 1.74 0.00	24.18 1.48 0.00	23.28 1.57 0.00	22.16 1.36 -2.51	21.25 1.19 -3.56	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.90 2.33 0.00	25.23 1.98 0.00	26.85 2.03 0.00	31.69 2.12 0.00	31.07 1.93 0.00	28.96 1.69 -0.01	23.41 1.19 0.00



PJM_GEN_KEystone 24065	21.82 -0.17 0.00	20.66 -0.17 0.00	18.57 -0.16 0.00	18.56 -0.14 0.00	21.42 -0.14 0.00	22.76 -0.13 0.00	26.72 -0.05 0.00	27.56 0.07 0.00	25.69 -0.12 0.00	22.56 -0.14 0.00	21.67 -0.04 0.00	19.56 0.02 -1.25	11.26 0.01 5.25	18.79 0.00 0.03	19.72 -0.07 0.56	22.87 -0.12 0.00	22.61 0.12 0.00	24.86 0.29 0.00	23.34 0.08 0.00	24.90 0.07 0.00	28.11 -0.07 1.39	28.60 -0.06 0.48	27.18 -0.09 -0.01	19.81 -0.10 2.31
PJM_GEN_NEPTUNE_PROXY 323594	22.92 0.92 0.00	21.65 0.82 0.00	19.46 0.73 0.00	19.39 0.69 0.00	22.35 0.79 0.00	24.03 1.14 0.00	28.56 1.79 0.00	29.77 2.29 0.00	27.71 1.90 0.00	24.33 1.63 0.00	23.39 1.68 0.00	22.17 1.38 -2.50	21.24 1.23 -3.52	20.16 1.32 -0.02	22.12 1.40 -0.37	24.53 1.54 0.00	24.35 1.86 0.00	26.83 2.27 0.00	25.14 1.88 0.00	26.88 2.06 0.00	31.78 2.22 0.00	31.25 2.11 0.00	29.14 1.87 -0.01	23.59 1.38 0.00
PJM_GEN_VFT_PROXY 323633	22.73 0.73 0.00	21.48 0.64 0.00	19.39 0.66 0.00	19.38 0.68 0.00	22.28 0.73 0.00	23.88 0.99 0.00	28.34 1.57 0.00	29.46 1.97 0.00	27.39 1.59 0.00	24.03 1.34 0.01	23.16 1.45 0.00	22.06 1.27 -2.50	21.17 1.12 -3.55	20.08 1.23 -0.02	22.12 1.39 -0.38	24.48 1.49 0.00	24.23 1.74 0.00	26.80 2.24 0.00	25.14 1.89 0.00	26.76 1.93 0.00	31.59 2.03 0.00	30.97 1.83 0.00	28.86 1.59 -0.01	23.33 1.11 0.00
PLATSBRG_115KV_PMLD1 355749	22.86 0.86 0.00	21.77 0.93 0.00	19.61 0.88 0.00	19.27 0.57 0.00	22.25 0.70 0.00	23.45 0.56 0.00	27.40 0.62 0.00	27.73 0.25 0.00	26.16 0.35 0.00	22.82 0.12 0.00	21.45 -0.26 0.00	5.14 -0.42 12.73	13.01 -0.35 3.14	-21.25 -0.45 39.62	-21.27 -0.57 41.05	4.61 -0.63 17.74	7.52 -0.78 14.19	-17.57 -1.20 40.94	-3.11 -0.91 25.46	-21.20 -0.82 45.21	12.01 -0.67 16.89	3.57 -0.58 24.99	27.13 -0.13 0.00	22.16 -0.06 0.00
PLEASANTVLY___LBMP 24000	22.69 0.69 0.00	21.44 0.60 0.00	19.30 0.57 0.00	19.30 0.60 0.00	22.25 0.70 0.00	23.79 0.90 0.00	28.09 1.32 0.00	29.16 1.67 0.00	27.13 1.33 0.00	23.82 1.12 0.00	22.87 1.16 0.00	19.43 0.99 -0.15	18.45 0.86 -1.08	19.78 0.95 -0.01	21.57 1.10 -0.11	24.18 1.19 0.00	23.89 1.40 0.00	26.37 1.80 0.00	24.79 1.53 0.00	26.47 1.64 0.00	31.25 1.68 0.00	30.65 1.51 0.00	28.62 1.36 0.00	23.19 0.97 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.85 0.85 0.00	21.58 0.74 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.39 0.83 0.00	23.97 1.08 0.00	28.38 1.60 0.00	29.49 2.00 0.00	27.42 1.62 0.00	24.07 1.37 0.00	23.13 1.42 0.00	19.88 1.22 -0.37	20.19 1.07 -2.62	20.02 1.18 -0.02	21.95 1.33 -0.28	24.43 1.44 0.00	24.16 1.67 0.00	26.71 2.14 0.00	25.07 1.82 0.00	26.74 1.91 0.00	31.55 1.99 0.00	30.96 1.82 0.00	28.88 1.62 0.00	23.37 1.15 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.85 0.85 0.00	21.58 0.74 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.39 0.83 0.00	23.97 1.08 0.00	28.38 1.60 0.00	29.49 2.00 0.00	27.42 1.62 0.00	24.07 1.37 0.00	23.13 1.42 0.00	19.88 1.22 -0.37	20.19 1.07 -2.62	20.02 1.18 -0.02	21.95 1.33 -0.28	24.43 1.44 0.00	24.16 1.67 0.00	26.71 2.14 0.00	25.07 1.82 0.00	26.74 1.91 0.00	31.55 1.99 0.00	30.96 1.82 0.00	28.88 1.62 0.00	23.37 1.15 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.87 0.88 0.00	21.61 0.77 0.00	19.45 0.72 0.00	19.44 0.74 0.00	22.43 0.88 0.00	23.99 1.10 0.00	28.36 1.58 0.00	29.50 2.02 0.00	27.45 1.65 0.00	24.08 1.38 0.00	23.09 1.39 0.00	19.51 1.16 -0.07	17.99 1.01 -0.48	19.96 1.13 0.00	21.71 1.31 -0.05	24.45 1.46 0.00	24.20 1.71 0.00	26.71 2.14 0.00	25.11 1.86 0.00	26.81 1.99 0.00	31.64 2.07 0.00	31.02 1.89 0.00	28.96 1.70 0.00	23.44 1.22 0.00
POLETTI_____ 23519	22.84 0.84 0.00	21.57 0.73 0.00	19.45 0.72 0.00	19.45 0.75 0.00	22.38 0.82 0.00	23.98 1.08 0.00	28.43 1.65 0.00	29.57 2.08 0.00	27.52 1.71 0.00	24.16 1.46 0.00	23.28 1.57 0.00	20.16 1.36 -0.50	21.25 1.20 -3.55	20.17 1.32 -0.02	22.21 1.48 -0.38	24.58 1.59 0.00	24.31 1.82 0.00	26.88 2.31 0.00	25.23 1.97 0.00	26.85 2.02 0.00	31.71 2.14 0.00	31.07 1.94 0.00	28.95 1.69 0.00	23.41 1.19 0.00
POMONA___ESR 323819	22.80 0.80 0.00	21.55 0.71 0.00	19.41 0.68 0.00	19.40 0.70 0.00	22.37 0.80 0.00	23.95 1.06 0.00	28.35 1.58 0.00	29.44 1.96 0.00	27.38 1.58 0.00	24.00 1.30 0.00	23.08 1.37 0.00	18.76 1.17 0.70	12.57 1.00 4.93	19.88 1.09 0.03	21.05 1.24 0.53	24.32 1.33 0.00	24.06 1.57 0.00	26.61 2.04 0.00	25.01 1.75 0.00	26.63 1.80 0.00	31.43 1.87 0.00	30.84 1.70 0.00	28.78 1.52 0.00	23.30 1.08 0.00
PORT_JEFF_3 23555	23.38 1.38 0.00	22.05 1.21 0.00	19.77 1.04 0.00	19.66 0.97 0.00	22.68 1.12 0.00	24.42 1.52 0.00	29.11 2.33 0.00	30.41 2.92 0.00	28.42 2.61 0.00	24.88 2.18 0.00	23.91 2.20 0.00	20.55 1.77 -0.50	21.59 1.58 -3.52	20.45 1.61 -0.02	22.41 1.69 -0.37	24.88 1.89 0.00	24.82 2.33 0.00	27.29 2.72 0.00	25.53 2.27 0.00	27.42 2.59 0.00	32.45 2.89 0.00	31.93 2.80 0.00	29.62 2.36 0.00	24.07 1.85 0.00
PORT_JEFF_4 23616	23.38 1.38 0.00	22.05 1.21 0.00	19.77 1.04 0.00	19.66 0.97 0.00	22.68 1.12 0.00	24.42 1.52 0.00	29.11 2.33 0.00	30.41 2.92 0.00	28.42 2.61 0.00	24.88 2.18 0.00	23.91 2.20 0.00	20.55 1.77 -0.50	21.59 1.58 -3.52	20.45 1.61 -0.02	22.41 1.69 -0.37	24.88 1.89 0.00	24.82 2.33 0.00	27.29 2.72 0.00	25.53 2.27 0.00	27.42 2.59 0.00	32.45 2.89 0.00	31.93 2.80 0.00	29.62 2.36 0.00	24.07 1.85 0.00
PORT_JEFF_IC 23713	23.39 1.39 0.00	22.05 1.22 0.00	19.77 1.04 0.00	19.66 0.96 0.00	22.68 1.12 0.00	24.41 1.52 0.00	29.11 2.33 0.00	30.41 2.93 0.00	28.44 2.63 0.00	24.90 2.20 0.00	23.93 2.22 0.00	20.57 1.78 -0.50	21.60 1.58 -3.52	20.45 1.61 -0.02	22.40 1.68 -0.37	24.89 1.90 0.00	24.82 2.34 0.00	27.27 2.70 0.00	25.51 2.25 0.00	27.44 2.61 0.00	32.48 2.92 0.00	31.96 2.83 0.00	29.63 2.37 0.00	24.08 1.86 0.00
PPL PILGRIM_ST_GT1 24216	23.44 1.44 0.00	22.13 1.29 0.00	19.83 1.11 0.00	19.73 1.03 0.00	22.76 1.20 0.00	24.50 1.61 0.00	29.19 2.42 0.00	30.50 3.01 0.00	28.41 2.60 0.00	24.88 2.18 0.00	23.93 2.22 0.00	20.57 1.79 -0.50	21.62 1.60 -3.52	20.54 1.70 -0.02	22.51 1.78 -0.37	25.00 2.01 0.00	24.91 2.43 0.00	27.45 2.88 0.00	25.65 2.39 0.00	27.47 2.64 0.00	32.50 2.94 0.00	32.00 2.86 0.00	29.74 2.48 0.00	24.13 1.91 0.00
PPL PILGRIM_ST_GT2 24217	23.44 1.44 0.00	22.13 1.29 0.00	19.83 1.11 0.00	19.73 1.03 0.00	22.76 1.20 0.00	24.50 1.61 0.00	29.19 2.42 0.00	30.50 3.01 0.00	28.41 2.60 0.00	24.88 2.18 0.00	23.93 2.22 0.00	20.57 1.79 -0.50	21.62 1.60 -3.52	20.54 1.70 -0.02	22.51 1.78 -0.37	25.00 2.01 0.00	24.91 2.43 0.00	27.45 2.88 0.00	25.65 2.39 0.00	27.47 2.64 0.00	32.50 2.94 0.00	32.00 2.86 0.00	29.74 2.48 0.00	24.13 1.91 0.00



PPL_SHRM_GT3 24213	23.12 1.12 0.00	21.79 0.95 0.00	19.61 0.88 0.00	19.51 0.81 0.00	22.51 0.95 0.00	24.19 1.30 0.00	28.95 2.18 0.00	30.27 2.79 0.00	28.60 2.80 0.00	24.98 2.28 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.21 1.37 -0.02	22.13 1.40 -0.37	24.58 1.59 0.00	24.59 2.10 0.00	27.04 2.47 0.00	25.29 2.04 0.00	27.21 2.38 0.00	32.30 2.74 0.00	31.75 2.61 0.00	29.26 2.00 0.00	23.92 1.70 0.00
PPL_SHRM_GT4 24214	23.12 1.12 0.00	21.79 0.95 0.00	19.61 0.88 0.00	19.51 0.81 0.00	22.51 0.95 0.00	24.19 1.30 0.00	28.95 2.18 0.00	30.27 2.79 0.00	28.60 2.80 0.00	24.98 2.28 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.21 1.37 -0.02	22.13 1.40 -0.37	24.58 1.59 0.00	24.59 2.10 0.00	27.04 2.47 0.00	25.29 2.04 0.00	27.21 2.38 0.00	32.30 2.74 0.00	31.75 2.61 0.00	29.26 2.00 0.00	23.92 1.70 0.00
PROJECT___ORANGE 1 24174	21.66 -0.33 0.00	20.52 -0.32 0.00	18.42 -0.31 0.00	18.40 -0.30 0.00	21.22 -0.33 0.00	22.47 -0.42 0.00	26.24 -0.53 0.00	26.79 -0.69 0.00	25.09 -0.71 0.00	22.10 -0.60 0.00	21.12 -0.59 0.00	17.79 -0.49 0.00	16.04 -0.46 0.00	18.30 -0.51 0.00	19.79 -0.56 0.00	22.39 -0.60 0.00	22.03 -0.46 0.00	24.13 -0.44 0.00	22.79 -0.47 0.00	24.43 -0.40 0.00	28.95 -0.61 0.00	28.51 -0.63 0.00	26.69 -0.58 0.00	21.85 -0.37 0.00
PROJECT___ORANGE 2 24166	21.66 -0.33 0.00	20.52 -0.32 0.00	18.42 -0.31 0.00	18.40 -0.30 0.00	21.22 -0.33 0.00	22.47 -0.42 0.00	26.24 -0.53 0.00	26.79 -0.69 0.00	25.09 -0.71 0.00	22.10 -0.60 0.00	21.12 -0.59 0.00	17.79 -0.49 0.00	16.04 -0.46 0.00	18.30 -0.51 0.00	19.79 -0.56 0.00	22.39 -0.60 0.00	22.03 -0.46 0.00	24.13 -0.44 0.00	22.79 -0.47 0.00	24.43 -0.40 0.00	28.95 -0.61 0.00	28.51 -0.63 0.00	26.69 -0.58 0.00	21.85 -0.37 0.00
PUCKETT___SOLAR 323809	22.20 0.20 0.00	21.05 0.21 0.00	18.88 0.15 0.00	18.92 0.21 0.00	21.83 0.27 0.00	23.16 0.27 0.00	27.10 0.33 0.00	27.86 0.37 0.00	26.03 0.22 0.00	22.89 0.19 0.00	21.87 0.16 0.00	18.37 0.09 0.00	16.53 0.03 0.00	18.81 -0.01 0.00	20.32 -0.03 0.00	23.09 0.10 0.00	22.85 0.37 0.00	25.02 0.46 0.00	23.56 0.30 0.00	25.09 0.26 0.00	30.28 0.19 -0.52	29.41 0.09 -0.18	27.34 0.07 0.00	22.31 0.10 0.00
PYRITES___HYD 24023	22.87 0.88 0.00	21.72 0.88 0.00	19.50 0.77 0.00	19.43 0.73 0.00	22.38 0.82 0.00	23.64 0.75 0.00	27.37 0.60 0.00	27.87 0.39 0.00	26.25 0.44 0.00	23.14 0.44 0.00	22.03 0.33 0.00	20.31 0.26 -1.76	17.24 0.30 -0.43	24.73 0.44 -5.47	26.40 0.39 -5.66	25.93 0.49 -2.45	24.49 0.04 -1.96	30.00 -0.21 -5.65	26.78 0.01 -3.51	31.25 0.19 -6.23	32.53 0.64 -2.33	33.45 0.87 -3.44	28.21 0.94 0.00	22.90 0.68 0.00
QUAKERRD_115KV_BK1 80622	20.68 -1.32 0.00	19.62 -1.22 0.00	17.60 -1.13 0.00	17.56 -1.14 0.00	20.31 -1.25 0.00	21.45 -1.44 0.00	24.98 -1.79 0.00	25.43 -2.05 0.00	23.86 -1.94 0.00	20.99 -1.70 0.00	20.07 -1.64 0.00	16.93 -1.36 0.00	15.30 -1.20 0.00	17.49 -1.33 0.00	18.83 -1.52 0.00	21.34 -1.65 0.00	21.03 -1.46 0.00	22.94 -1.63 0.00	21.62 -1.64 0.00	23.26 -1.56 0.00	27.67 -1.89 0.00	27.40 -1.74 0.00	25.53 -1.73 0.00	20.93 -1.29 0.00
QUENSBRY_115KV_TB8 356137	22.31 0.31 0.00	21.10 0.26 0.00	18.98 0.26 0.00	18.98 0.28 0.00	22.03 0.47 0.00	23.58 0.69 0.00	27.85 1.08 0.00	28.92 1.44 0.00	26.86 1.05 0.00	23.55 0.85 0.00	22.42 0.71 0.00	18.85 0.57 0.00	17.01 0.51 0.00	19.53 0.71 0.00	21.23 0.88 0.00	23.99 0.99 0.00	23.74 1.25 0.00	26.17 1.60 0.00	24.60 1.35 0.00	26.20 1.38 0.00	30.83 1.27 0.00	30.18 1.05 0.00	28.07 0.80 0.00	22.71 0.49 0.00
RAMAPO___LBMP 323565	22.73 0.73 0.00	21.48 0.64 0.00	19.35 0.62 0.00	19.34 0.64 0.00	22.29 0.74 0.00	23.87 0.98 0.00	28.24 1.47 0.00	29.33 1.84 0.00	27.28 1.47 0.00	23.91 1.21 0.00	22.98 1.27 0.00	18.70 1.08 0.67	12.68 0.92 4.75	19.80 1.00 0.03	20.97 1.13 0.51	24.20 1.21 0.00	23.95 1.46 0.00	26.49 1.92 0.00	24.90 1.64 0.00	26.52 1.69 0.00	31.30 1.74 0.00	30.71 1.57 0.00	28.68 1.42 0.00	23.22 1.00 0.00
RANKINE____ 23646	20.68 -1.31 0.00	19.63 -1.21 0.00	17.54 -1.19 0.00	17.50 -1.20 0.00	20.25 -1.31 0.00	21.25 -1.65 0.00	24.62 -2.16 0.00	25.05 -2.43 0.00	23.49 -2.32 0.00	20.71 -1.99 0.00	19.78 -1.92 0.00	16.72 -1.56 0.00	15.15 -1.35 0.00	17.33 -1.49 0.00	18.47 -1.88 0.00	20.90 -2.09 0.00	20.63 -1.86 0.00	22.41 -2.15 0.00	20.96 -2.30 0.00	22.57 -2.26 0.00	27.09 -2.48 0.00	27.07 -2.07 0.00	25.24 -2.02 0.00	20.75 -1.47 0.00
RAVENSWOOD_GT2_1 24244	22.86 0.86 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.00 1.11 0.00	28.45 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.17 1.47 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT2_2 24245	22.86 0.86 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.00 1.11 0.00	28.45 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.17 1.47 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT2_3 24246	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.87 0.00	24.01 1.12 0.00	28.47 1.69 0.00	29.60 2.12 0.00	27.55 1.75 0.00	24.19 1.49 0.00	23.29 1.58 0.00	20.16 1.36 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.59 1.59 0.00	24.33 1.84 0.00	26.90 2.33 0.00	25.25 1.99 0.00	26.88 2.05 0.00	31.72 2.15 0.00	31.09 1.96 0.00	28.98 1.71 0.00	23.43 1.22 0.00
RAVENSWOOD_GT2_4 24247	22.88 0.88 0.00	21.61 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.87 0.00	24.01 1.12 0.00	28.47 1.69 0.00	29.60 2.12 0.00	27.55 1.75 0.00	24.19 1.49 0.00	23.29 1.58 0.00	20.16 1.36 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.59 1.59 0.00	24.33 1.84 0.00	26.90 2.33 0.00	25.25 1.99 0.00	26.88 2.05 0.00	31.72 2.15 0.00	31.09 1.96 0.00	28.98 1.71 0.00	23.43 1.22 0.00
RAVENSWOOD_GT3_1 24248	22.86 0.86 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.00 1.11 0.00	28.45 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.17 1.47 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00



RAVENSWOOD_GT3_2 24249	22.86 0.86 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.00 1.11 0.00	28.45 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.17 1.47 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT3_3 24250	22.90 0.90 0.00	21.63 0.79 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.44 0.89 0.00	24.03 1.14 0.00	28.50 1.72 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.22 1.52 0.00	23.31 1.60 0.00	20.18 1.39 -0.50	21.26 1.22 -3.54	20.19 1.35 -0.02	22.23 1.50 -0.38	24.61 1.62 0.00	24.35 1.87 0.00	26.93 2.36 0.00	25.28 2.02 0.00	26.90 2.08 0.00	31.75 2.19 0.00	31.13 1.99 0.00	29.01 1.75 0.00	23.46 1.24 0.00
RAVENSWOOD_GT3_4 24251	22.90 0.90 0.00	21.63 0.79 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.44 0.89 0.00	24.03 1.14 0.00	28.50 1.72 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.22 1.52 0.00	23.31 1.60 0.00	20.18 1.39 -0.50	21.26 1.22 -3.54	20.19 1.35 -0.02	22.23 1.50 -0.38	24.61 1.62 0.00	24.35 1.87 0.00	26.93 2.36 0.00	25.28 2.02 0.00	26.90 2.08 0.00	31.75 2.19 0.00	31.13 1.99 0.00	29.01 1.75 0.00	23.46 1.24 0.00
RAVENSWOOD_GT_1 23729	22.87 0.87 0.00	21.60 0.77 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.86 0.00	24.01 1.11 0.00	28.47 1.69 0.00	29.63 2.15 0.00	27.58 1.78 0.00	24.20 1.50 0.00	23.32 1.61 0.00	20.20 1.41 -0.50	21.28 1.24 -3.54	20.21 1.36 -0.02	22.24 1.52 -0.38	24.63 1.64 0.00	24.37 1.89 0.00	26.97 2.40 0.00	25.31 2.06 0.00	26.93 2.10 0.00	31.78 2.22 0.00	31.15 2.01 0.00	29.02 1.76 0.00	23.47 1.25 0.00
RAVENSWOOD_GT_10 24258	22.86 0.87 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.46 1.68 0.00	29.60 2.12 0.00	27.54 1.73 0.00	24.18 1.48 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_11 24259	22.86 0.87 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.46 1.68 0.00	29.60 2.12 0.00	27.54 1.73 0.00	24.18 1.48 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_4 24252	22.88 0.88 0.00	21.61 0.78 0.00	19.48 0.75 0.00	19.48 0.77 0.00	22.42 0.87 0.00	24.02 1.13 0.00	28.47 1.70 0.00	29.60 2.12 0.00	27.55 1.74 0.00	24.19 1.49 0.00	23.28 1.57 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.58 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.08 1.94 0.00	28.97 1.71 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_5 24254	22.88 0.88 0.00	21.61 0.78 0.00	19.48 0.75 0.00	19.48 0.77 0.00	22.42 0.87 0.00	24.02 1.13 0.00	28.47 1.70 0.00	29.60 2.12 0.00	27.55 1.74 0.00	24.19 1.49 0.00	23.28 1.57 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.58 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.08 1.94 0.00	28.97 1.71 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_6 24253	22.88 0.88 0.00	21.61 0.78 0.00	19.48 0.75 0.00	19.48 0.77 0.00	22.42 0.87 0.00	24.02 1.13 0.00	28.47 1.70 0.00	29.60 2.12 0.00	27.55 1.74 0.00	24.19 1.49 0.00	23.28 1.57 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.58 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.08 1.94 0.00	28.97 1.71 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_7 24255	22.88 0.88 0.00	21.61 0.78 0.00	19.48 0.75 0.00	19.48 0.77 0.00	22.42 0.87 0.00	24.02 1.13 0.00	28.47 1.70 0.00	29.60 2.12 0.00	27.55 1.74 0.00	24.19 1.49 0.00	23.28 1.57 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.58 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.15 0.00	31.08 1.94 0.00	28.97 1.71 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.86 0.87 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.46 1.68 0.00	29.60 2.12 0.00	27.54 1.73 0.00	24.18 1.48 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD_GT_9 24257	22.86 0.87 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.86 0.00	24.01 1.11 0.00	28.46 1.68 0.00	29.60 2.12 0.00	27.54 1.73 0.00	24.18 1.48 0.00	23.27 1.56 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.23 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00
RAVENSWOOD___1 23533	22.82 0.82 0.00	21.56 0.72 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.37 0.81 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.71 0.00	24.15 1.45 0.00	23.27 1.56 0.00	20.16 1.37 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.58 0.00	24.32 1.83 0.00	26.91 2.34 0.00	25.26 2.00 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.08 1.95 0.00	28.96 1.69 0.00	23.43 1.21 0.00
RAVENSWOOD___2 23534	22.82 0.82 0.00	21.56 0.72 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.37 0.81 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.71 0.00	24.15 1.45 0.00	23.27 1.56 0.00	20.16 1.37 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.58 0.00	24.32 1.83 0.00	26.91 2.34 0.00	25.26 2.00 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.08 1.95 0.00	28.96 1.69 0.00	23.43 1.21 0.00
RAVENSWOOD___3 23535	22.86 0.86 0.00	21.60 0.76 0.00	19.47 0.75 0.00	19.47 0.77 0.00	22.41 0.85 0.00	24.00 1.11 0.00	28.46 1.68 0.00	29.60 2.11 0.00	27.54 1.73 0.00	24.18 1.48 0.00	23.27 1.57 0.00	20.15 1.36 -0.50	21.23 1.19 -3.54	20.16 1.32 -0.02	22.20 1.47 -0.38	24.58 1.58 0.00	24.31 1.82 0.00	26.89 2.32 0.00	25.24 1.98 0.00	26.86 2.03 0.00	31.71 2.14 0.00	31.08 1.94 0.00	28.97 1.70 0.00	23.43 1.21 0.00



RAVENSWOOD___4 23820	22.82 0.82 0.00	21.56 0.72 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.37 0.81 0.00	23.95 1.06 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.71 0.00	24.15 1.45 0.00	23.27 1.56 0.00	20.16 1.37 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.58 0.00	24.32 1.83 0.00	26.91 2.34 0.00	25.26 2.00 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.08 1.95 0.00	28.96 1.69 0.00	23.43 1.21 0.00
RCPI_TRUST___DRP 24196	22.90 0.91 0.00	21.64 0.81 0.00	19.51 0.79 0.00	19.51 0.81 0.00	22.47 0.91 0.00	24.05 1.16 0.00	28.53 1.76 0.00	29.68 2.20 0.00	27.61 1.81 0.00	24.25 1.55 0.00	23.34 1.64 0.00	20.21 1.42 -0.51	21.30 1.25 -3.56	20.22 1.38 -0.02	22.26 1.54 -0.38	24.64 1.64 0.00	24.38 1.90 0.00	26.97 2.41 0.00	25.30 2.04 0.00	26.92 2.09 0.00	31.77 2.21 0.00	31.14 2.00 0.00	29.02 1.75 0.00	23.46 1.24 0.00
RED___ROCHESTER 323720	20.99 -1.01 0.00	19.91 -0.93 0.00	17.86 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.94 0.00	21.74 -1.15 0.00	25.28 -1.49 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.18 -1.11 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.63 -1.36 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.26 0.00	23.77 -1.06 0.00	27.60 -1.26 0.70	27.81 -1.09 0.24	26.11 -1.16 0.00	21.40 -0.82 0.00
REGAN___SOLAR 323812	24.29 2.29 0.00	22.94 2.10 0.00	20.56 1.83 0.00	20.50 1.81 0.00	23.67 2.11 0.00	25.24 2.35 0.00	29.77 2.99 0.00	30.65 3.17 0.00	28.63 2.82 0.00	24.84 2.14 0.00	22.63 0.92 0.00	18.93 0.65 0.00	17.00 0.50 0.00	19.37 0.55 0.00	21.09 0.74 0.00	24.81 1.82 0.00	25.12 2.64 0.00	27.61 3.04 0.00	26.03 2.77 0.00	27.74 2.91 0.00	32.95 3.39 0.00	32.42 3.29 0.00	30.11 2.85 0.00	24.41 2.19 0.00
RENSSELAER___COGEN 23796	22.11 0.11 0.00	20.95 0.11 0.00	18.87 0.14 0.00	18.87 0.17 0.00	21.72 0.16 0.00	23.14 0.24 0.00	27.20 0.43 0.00	28.13 0.65 0.00	26.20 0.40 0.00	23.02 0.32 0.00	22.02 0.31 0.00	18.53 0.24 0.00	16.70 0.20 0.00	19.06 0.24 0.00	20.73 0.38 0.00	23.46 0.47 0.00	23.07 0.59 0.00	25.44 0.87 0.00	23.92 0.66 0.00	25.49 0.66 0.00	30.15 0.59 0.00	29.61 0.47 0.00	27.66 0.39 0.00	22.45 0.23 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.60 0.60 0.00	21.40 0.56 0.00	19.28 0.56 0.00	19.29 0.59 0.00	22.57 1.01 0.00	24.30 1.40 0.00	28.92 2.15 0.00	30.12 2.64 0.00	27.85 2.04 0.00	24.26 1.56 0.00	23.00 1.29 0.00	19.36 1.07 0.00	17.49 0.99 0.00	19.94 1.12 0.00	21.80 1.45 0.00	24.79 1.80 0.00	24.72 2.23 0.00	27.25 2.69 0.00	25.55 2.29 0.00	27.19 2.36 0.00	31.63 2.07 0.00	30.68 1.54 0.00	28.42 1.16 0.00	22.98 0.76 0.00
REVERE_CPPR_DRP 24186	22.71 0.72 0.00	21.51 0.68 0.00	19.34 0.61 0.00	19.30 0.61 0.00	22.25 0.69 0.00	23.62 0.73 0.00	27.69 0.92 0.00	28.54 1.05 0.00	26.71 0.90 0.00	23.34 0.64 0.00	22.24 0.53 0.00	18.62 0.32 0.00	16.73 0.23 0.00	19.04 0.22 0.00	20.67 0.32 0.00	23.56 0.57 0.00	23.35 0.87 0.00	25.57 1.01 0.00	24.09 0.84 0.00	25.70 0.87 0.00	30.56 1.00 0.00	30.03 0.90 0.00	28.03 0.77 0.00	22.76 0.54 0.00
REYNOLDS_115KV_TB3 80639	22.26 0.27 0.00	21.08 0.24 0.00	18.98 0.25 0.00	18.99 0.29 0.00	21.88 0.32 0.00	23.31 0.42 0.00	27.39 0.62 0.00	28.34 0.86 0.00	26.38 0.58 0.00	23.20 0.50 0.00	22.18 0.47 0.00	18.67 0.38 0.00	16.83 0.33 0.00	19.20 0.37 0.00	20.89 0.54 0.00	23.62 0.63 0.00	23.22 0.73 0.00	25.61 1.04 0.00	24.07 0.82 0.00	25.65 0.82 0.00	30.35 0.79 0.00	29.81 0.67 0.00	27.86 0.60 0.00	22.60 0.38 0.00
RIVERBAY____ 323610	22.94 0.94 0.00	21.66 0.82 0.00	19.53 0.80 0.00	19.52 0.81 0.00	22.49 0.93 0.00	24.10 1.20 0.00	28.59 1.82 0.00	29.77 2.28 0.00	27.69 1.88 0.00	24.29 1.59 0.00	23.40 1.69 0.00	20.23 1.44 -0.50	21.30 1.26 -3.54	20.19 1.35 -0.02	22.25 1.53 -0.38	24.64 1.65 0.00	24.37 1.89 0.00	27.00 2.43 0.00	25.36 2.10 0.00	26.95 2.12 0.00	31.85 2.28 0.00	31.20 2.07 0.00	29.11 1.85 0.00	23.56 1.35 0.00
RIVERSDE_115KV_TB3 55908	22.19 0.19 0.00	21.02 0.19 0.00	18.94 0.21 0.00	18.94 0.24 0.00	21.81 0.25 0.00	23.23 0.34 0.00	27.30 0.53 0.00	28.25 0.77 0.00	26.32 0.51 0.00	23.13 0.43 0.00	22.12 0.41 0.00	18.62 0.33 0.00	16.78 0.28 0.00	19.14 0.32 0.00	20.83 0.48 0.00	23.56 0.57 0.00	23.17 0.68 0.00	25.54 0.97 0.00	24.02 0.76 0.00	25.59 0.76 0.00	30.27 0.71 0.00	29.72 0.59 0.00	27.77 0.50 0.00	22.53 0.31 0.00
ROARING___BROOK_WT_PWR 323790	22.04 0.04 0.00	20.91 0.07 0.00	18.79 0.06 0.00	18.71 0.01 0.00	21.50 -0.06 0.00	22.70 -0.19 0.00	26.41 -0.37 0.00	27.03 -0.45 0.00	25.39 -0.42 0.00	22.29 -0.41 0.00	21.29 -0.42 0.00	17.91 -0.37 0.00	16.19 -0.31 0.00	18.43 -0.39 0.00	19.88 -0.47 0.00	22.57 -0.42 0.00	22.04 -0.45 0.00	23.91 -0.66 0.00	22.53 -0.73 0.00	24.06 -0.76 0.00	28.95 -0.62 0.00	28.66 -0.47 0.00	26.90 -0.36 0.00	21.97 -0.25 0.00
ROCHESRG_115KV_T4 355643	20.78 -1.22 0.00	19.73 -1.11 0.00	17.69 -1.04 0.00	17.66 -1.04 0.00	20.42 -1.14 0.00	21.51 -1.38 0.00	25.01 -1.77 0.00	25.44 -2.04 0.00	23.89 -1.92 0.00	21.02 -1.68 0.00	20.12 -1.59 0.00	16.99 -1.30 0.00	15.38 -1.12 0.00	17.58 -1.24 0.00	18.88 -1.46 0.00	21.38 -1.61 0.00	21.06 -1.43 0.00	22.94 -1.63 0.00	21.68 -1.58 0.00	23.41 -1.42 0.00	27.88 -1.68 0.00	27.66 -1.48 0.00	25.78 -1.48 0.00	21.14 -1.08 0.00
ROCHESTER_9_IC 23652	20.89 -1.11 0.00	19.82 -1.02 0.00	17.78 -0.95 0.00	17.74 -0.96 0.00	20.52 -1.04 0.00	21.62 -1.27 0.00	25.15 -1.63 0.00	25.60 -1.89 0.00	24.03 -1.78 0.00	21.14 -1.56 0.00	20.24 -1.47 0.00	17.09 -1.20 0.00	15.47 -1.03 0.00	17.69 -1.13 0.00	19.00 -1.35 0.00	21.52 -1.47 0.00	21.21 -1.28 0.00	23.10 -1.47 0.00	21.84 -1.42 0.00	23.61 -1.22 0.00	28.11 -1.45 0.00	27.88 -1.26 0.00	25.96 -1.31 0.00	21.28 -0.94 0.00
ROCKVIEW_13_KV_LD 356306	22.92 0.93 0.00	21.65 0.82 0.00	19.51 0.78 0.00	19.50 0.80 0.00	22.47 0.91 0.00	24.05 1.16 0.00	28.50 1.72 0.00	29.63 2.15 0.00	27.57 1.76 0.00	24.20 1.50 0.00	23.27 1.56 0.00	20.13 1.34 -0.50	21.21 1.17 -3.54	20.13 1.29 -0.02	22.17 1.44 -0.38	24.55 1.56 0.00	24.29 1.80 0.00	26.85 2.29 0.00	25.22 1.96 0.00	26.86 2.03 0.00	31.70 2.14 0.00	31.08 1.94 0.00	28.99 1.73 0.00	23.45 1.24 0.00
ROME____115KV_TB2 80656	22.71 0.72 0.00	21.51 0.68 0.00	19.34 0.61 0.00	19.30 0.61 0.00	22.25 0.69 0.00	23.62 0.73 0.00	27.69 0.92 0.00	28.54 1.05 0.00	26.71 0.90 0.00	23.34 0.64 0.00	22.24 0.53 0.00	18.62 0.32 0.00	16.73 0.23 0.00	19.04 0.22 0.00	20.67 0.32 0.00	23.56 0.57 0.00	23.35 0.87 0.00	25.57 1.01 0.00	24.09 0.84 0.00	25.70 0.87 0.00	30.56 1.00 0.00	30.03 0.90 0.00	28.03 0.77 0.00	22.76 0.54 0.00



ROSETON___1 23587	22.69 0.69 0.00	21.44 0.61 0.00	19.30 0.58 0.00	19.30 0.60 0.00	22.25 0.69 0.00	23.79 0.90 0.00	28.12 1.35 0.00	29.19 1.70 0.00	27.16 1.35 0.00	23.83 1.13 0.00	22.89 1.18 0.00	19.29 1.00 0.00	17.37 0.87 0.00	19.78 0.96 0.00	21.45 1.10 0.00	24.18 1.19 0.00	23.89 1.40 0.00	26.38 1.82 0.00	24.80 1.54 0.00	26.45 1.63 0.00	31.24 1.68 0.00	30.65 1.51 0.00	28.62 1.36 0.00	23.19 0.98 0.00
ROSETON___2 23588	22.69 0.69 0.00	21.44 0.61 0.00	19.30 0.58 0.00	19.30 0.60 0.00	22.25 0.69 0.00	23.79 0.90 0.00	28.12 1.35 0.00	29.19 1.70 0.00	27.16 1.35 0.00	23.83 1.13 0.00	22.89 1.18 0.00	19.29 1.00 0.00	17.37 0.87 0.00	19.78 0.96 0.00	21.45 1.10 0.00	24.18 1.19 0.00	23.89 1.40 0.00	26.38 1.82 0.00	24.80 1.54 0.00	26.45 1.63 0.00	31.24 1.68 0.00	30.65 1.51 0.00	28.62 1.36 0.00	23.19 0.98 0.00
ROTTTRDAM_115KV_TB3 80664	22.43 0.43 0.00	21.22 0.38 0.00	19.08 0.35 0.00	19.07 0.37 0.00	22.01 0.45 0.00	23.45 0.56 0.00	27.55 0.77 0.00	28.47 0.99 0.00	26.58 0.77 0.00	23.35 0.66 0.00	22.33 0.62 0.00	18.79 0.50 0.00	16.94 0.44 0.00	19.33 0.51 0.00	20.94 0.59 0.00	23.69 0.70 0.00	23.32 0.83 0.00	25.64 1.08 0.00	24.16 0.90 0.00	25.75 0.92 0.00	30.51 0.95 0.00	29.98 0.85 0.00	28.00 0.73 0.00	22.73 0.51 0.00
RUSSELL___1 23602	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
RUSSELL___2 23532	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
RUSSELL___3 23549	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
RUSSELL___4 23556	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
RUSSELL___STATION 23914	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
S SALMON___HYD 24043	21.51 -0.49 0.00	20.41 -0.43 0.00	18.32 -0.41 0.00	18.28 -0.43 0.00	21.02 -0.53 0.00	22.23 -0.66 0.00	25.83 -0.94 0.00	26.44 -1.04 0.00	24.78 -1.03 0.00	21.72 -0.97 0.00	20.61 -1.09 0.00	17.32 -0.97 0.00	15.61 -0.89 0.00	17.81 -1.01 0.00	19.35 -1.00 0.00	22.07 -0.92 0.00	21.78 -0.71 0.00	23.77 -0.79 0.00	22.38 -0.88 0.00	23.98 -0.84 0.00	28.54 -1.02 0.00	28.23 -0.91 0.00	26.40 -0.87 0.00	21.51 -0.71 0.00
S.PERRY___115KV_TB1 80734	21.86 -0.14 0.00	20.64 -0.19 0.00	18.40 -0.33 0.00	18.32 -0.38 0.00	21.18 -0.38 0.00	22.48 -0.41 0.00	26.45 -0.33 0.00	27.16 -0.32 0.00	25.26 -0.55 0.00	21.89 -0.81 0.00	20.66 -1.05 0.00	17.34 -0.95 0.00	15.62 -0.88 0.00	17.81 -1.01 0.00	19.20 -1.15 0.00	21.83 -1.16 0.00	22.08 -0.40 0.00	24.41 -0.16 0.00	23.11 -0.14 0.00	24.82 -0.01 0.00	29.35 -0.21 0.00	28.92 -0.21 0.00	26.85 -0.42 0.00	21.94 -0.28 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	20.36 -1.64 0.00	19.35 -1.49 0.00	17.31 -1.42 0.00	17.27 -1.43 0.00	19.99 -1.56 0.00	20.95 -1.94 0.00	24.24 -2.54 0.00	24.62 -2.87 0.00	23.11 -2.70 0.00	20.39 -2.31 0.00	19.49 -2.21 0.00	16.49 -1.80 0.00	14.95 -1.55 0.00	17.12 -1.70 0.00	18.23 -2.12 0.00	20.62 -2.37 0.00	20.33 -2.15 0.00	22.07 -2.50 0.00	20.66 -2.60 0.00	22.27 -2.56 0.00	26.72 -2.84 0.00	26.72 -2.41 0.00	24.91 -2.35 0.00	20.51 -1.71 0.00
SAWYER___23_KV_LOAD 55526	20.36 -1.64 0.00	19.35 -1.49 0.00	17.31 -1.42 0.00	17.27 -1.43 0.00	19.99 -1.56 0.00	20.95 -1.94 0.00	24.24 -2.54 0.00	24.62 -2.87 0.00	23.11 -2.70 0.00	20.39 -2.31 0.00	19.49 -2.21 0.00	16.49 -1.80 0.00	14.95 -1.55 0.00	17.12 -1.70 0.00	18.23 -2.12 0.00	20.62 -2.37 0.00	20.33 -2.15 0.00	22.07 -2.50 0.00	20.66 -2.60 0.00	22.27 -2.56 0.00	26.72 -2.84 0.00	26.72 -2.41 0.00	24.91 -2.35 0.00	20.51 -1.71 0.00
SELKIRK___I 23801	22.34 0.34 0.00	21.18 0.34 0.00	19.06 0.33 0.00	19.06 0.36 0.00	21.96 0.40 0.00	23.38 0.49 0.00	27.46 0.68 0.00	28.36 0.88 0.00	26.44 0.63 0.00	23.22 0.52 0.00	22.18 0.48 0.00	18.67 0.38 0.00	16.84 0.33 0.00	19.21 0.39 0.00	20.88 0.53 0.00	23.63 0.64 0.00	23.25 0.76 0.00	25.58 1.02 0.00	24.08 0.83 0.00	25.67 0.84 0.00	30.39 0.83 0.00	29.86 0.72 0.00	27.91 0.64 0.00	22.67 0.45 0.00
SELKIRK___II 23799	22.22 0.22 0.00	21.04 0.21 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.83 0.27 0.00	23.25 0.36 0.00	27.33 0.55 0.00	28.25 0.76 0.00	26.33 0.52 0.00	23.13 0.43 0.00	22.12 0.41 0.00	18.62 0.33 0.00	16.78 0.28 0.00	19.14 0.32 0.00	20.80 0.46 0.00	23.53 0.54 0.00	23.14 0.66 0.00	25.50 0.93 0.00	23.99 0.74 0.00	25.56 0.74 0.00	30.27 0.70 0.00	29.74 0.60 0.00	27.78 0.52 0.00	22.56 0.34 0.00
SENECA OSWGO___HYD 24041	21.45 -0.55 0.00	20.31 -0.53 0.00	18.23 -0.50 0.00	18.21 -0.49 0.00	21.00 -0.56 0.00	22.26 -0.63 0.00	25.96 -0.81 0.00	26.51 -0.97 0.00	24.84 -0.97 0.00	21.88 -0.82 0.00	20.89 -0.82 0.00	17.60 -0.69 0.00	15.87 -0.63 0.00	18.11 -0.71 0.00	19.58 -0.76 0.00	22.17 -0.82 0.00	21.85 -0.64 0.00	23.91 -0.65 0.00	22.58 -0.68 0.00	24.21 -0.62 0.00	28.69 -0.88 0.00	28.25 -0.89 0.00	26.42 -0.85 0.00	21.63 -0.59 0.00



SENECA___115KV_TB3 355854	20.72 -1.28 0.00	19.66 -1.17 0.00	17.57 -1.16 0.00	17.53 -1.18 0.00	20.28 -1.28 0.00	21.28 -1.61 0.00	24.67 -2.11 0.00	25.10 -2.38 0.00	23.53 -2.27 0.00	20.75 -1.95 0.00	19.82 -1.88 0.00	16.76 -1.53 0.00	15.18 -1.32 0.00	17.37 -1.45 0.00	18.51 -1.84 0.00	20.94 -2.05 0.00	20.67 -1.82 0.00	22.46 -2.11 0.00	21.01 -2.25 0.00	22.61 -2.21 0.00	27.14 -2.43 0.00	27.12 -2.02 0.00	25.30 -1.97 0.00	20.79 -1.43 0.00
SENECA___ENERGY 23797	21.91 -0.09 0.00	20.74 -0.10 0.00	18.57 -0.15 0.00	18.51 -0.20 0.00	21.40 -0.16 0.00	22.72 -0.17 0.00	26.69 -0.09 0.00	27.21 -0.27 0.00	25.48 -0.33 0.00	22.42 -0.28 0.00	21.31 -0.40 0.00	17.92 -0.37 0.00	16.12 -0.38 0.00	18.30 -0.52 0.00	19.82 -0.53 0.00	22.53 -0.46 0.00	22.28 -0.21 0.00	24.54 -0.03 0.00	23.16 -0.10 -0.01	24.68 -0.15 0.00	29.27 -0.29 0.00	28.84 -0.29 0.00	26.84 -0.42 0.00	21.97 -0.25 0.00
SHOEMAKER___GT 23640	22.64 0.64 0.00	21.39 0.56 0.00	19.26 0.53 0.00	19.25 0.54 0.00	22.19 0.62 0.00	23.70 0.81 0.00	27.98 1.21 0.00	29.02 1.53 0.00	27.01 1.20 0.00	23.66 0.96 0.00	22.68 0.98 0.00	18.66 0.82 0.45	14.00 0.71 3.20	19.58 0.78 0.02	20.90 0.90 0.34	24.00 1.01 0.00	23.73 1.24 0.00	26.19 1.62 0.00	24.63 1.38 0.00	26.27 1.44 0.00	31.05 1.48 0.00	30.48 1.35 0.00	28.50 1.24 0.00	23.11 0.89 0.00
SHOEMAKR_138KV_BK 111 55601	22.62 0.63 0.00	21.38 0.55 0.00	19.25 0.52 0.00	19.24 0.54 0.00	22.18 0.62 0.00	23.70 0.81 0.00	27.98 1.21 0.00	29.02 1.53 0.00	27.01 1.20 0.00	23.67 0.97 0.00	22.70 0.99 0.00	18.70 0.84 0.43	14.17 0.73 3.05	19.60 0.80 0.02	20.93 0.91 0.33	24.01 1.02 0.00	23.72 1.24 0.00	26.18 1.62 0.00	24.63 1.38 0.00	26.26 1.43 0.00	31.03 1.47 0.00	30.47 1.33 0.00	28.50 1.24 0.00	23.10 0.88 0.00
SHOREHAM_IC_1 23715	23.12 1.12 0.00	21.79 0.95 0.00	19.61 0.88 0.00	19.51 0.81 0.00	22.51 0.95 0.00	24.19 1.30 0.00	28.95 2.18 0.00	30.27 2.79 0.00	28.60 2.80 0.00	24.98 2.28 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.21 1.37 -0.02	22.13 1.40 -0.37	24.58 1.59 0.00	24.59 2.10 0.00	27.04 2.47 0.00	25.29 2.04 0.00	27.21 2.38 0.00	32.30 2.74 0.00	31.75 2.61 0.00	29.26 2.00 0.00	23.92 1.70 0.00
SHOREHAM_IC_2 23716	23.12 1.12 0.00	21.79 0.95 0.00	19.61 0.88 0.00	19.51 0.81 0.00	22.51 0.95 0.00	24.19 1.30 0.00	28.95 2.18 0.00	30.27 2.79 0.00	28.60 2.80 0.00	24.98 2.28 0.00	23.96 2.25 0.00	20.57 1.79 -0.50	21.60 1.59 -3.52	20.21 1.37 -0.02	22.13 1.40 -0.37	24.58 1.59 0.00	24.59 2.10 0.00	27.04 2.47 0.00	25.29 2.04 0.00	27.21 2.38 0.00	32.30 2.74 0.00	31.75 2.61 0.00	29.26 2.00 0.00	23.92 1.70 0.00
SISSONVILLE____ 23735	22.45 0.46 0.00	21.31 0.48 0.00	19.14 0.41 0.00	19.03 0.33 0.00	21.85 0.29 0.00	22.92 0.03 0.00	26.41 -0.36 0.00	26.89 -0.59 0.00	25.44 -0.37 0.00	22.45 -0.25 0.00	21.40 -0.30 0.00	19.97 -0.28 -1.97	16.80 -0.19 -0.49	24.75 -0.20 -6.13	26.42 -0.28 -6.35	25.47 -0.27 -2.74	23.98 -0.70 -2.19	29.86 -1.04 -6.33	26.33 -0.87 -3.94	31.02 -0.79 -6.99	31.74 -0.44 -2.61	32.94 -0.06 -3.86	27.44 0.17 0.00	22.31 0.09 0.00
SITHE_IND_GS1 24169	21.23 -0.77 0.00	20.12 -0.72 0.00	18.08 -0.65 0.00	18.05 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.63 -1.14 0.00	26.19 -1.29 0.00	24.57 -1.23 0.00	21.66 -1.04 0.00	20.72 -0.98 0.00	17.47 -0.82 0.00	15.76 -0.74 0.00	17.97 -0.85 0.00	19.43 -0.92 0.00	21.96 -1.03 0.00	21.58 -0.91 0.00	23.58 -0.99 0.00	22.30 -0.96 0.00	23.88 -0.94 0.00	28.32 -1.24 0.00	27.91 -1.23 0.00	26.14 -1.13 0.00	21.44 -0.78 0.00
SITHE_IND_GS2 24170	21.23 -0.77 0.00	20.12 -0.72 0.00	18.08 -0.65 0.00	18.05 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.63 -1.14 0.00	26.19 -1.29 0.00	24.57 -1.23 0.00	21.66 -1.04 0.00	20.72 -0.98 0.00	17.47 -0.82 0.00	15.76 -0.74 0.00	17.97 -0.85 0.00	19.43 -0.92 0.00	21.96 -1.03 0.00	21.58 -0.91 0.00	23.58 -0.99 0.00	22.30 -0.96 0.00	23.88 -0.94 0.00	28.32 -1.24 0.00	27.91 -1.23 0.00	26.14 -1.13 0.00	21.44 -0.78 0.00
SITHE_IND_GS3 24171	21.23 -0.77 0.00	20.12 -0.72 0.00	18.08 -0.65 0.00	18.05 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.63 -1.14 0.00	26.19 -1.29 0.00	24.57 -1.23 0.00	21.66 -1.04 0.00	20.72 -0.98 0.00	17.47 -0.82 0.00	15.76 -0.74 0.00	17.97 -0.85 0.00	19.43 -0.92 0.00	21.96 -1.03 0.00	21.58 -0.91 0.00	23.58 -0.99 0.00	22.30 -0.96 0.00	23.88 -0.94 0.00	28.32 -1.24 0.00	27.91 -1.23 0.00	26.14 -1.13 0.00	21.44 -0.78 0.00
SITHE_IND_GS4 24172	21.23 -0.77 0.00	20.12 -0.72 0.00	18.08 -0.65 0.00	18.05 -0.66 0.00	20.80 -0.75 0.00	22.03 -0.86 0.00	25.63 -1.14 0.00	26.19 -1.29 0.00	24.57 -1.23 0.00	21.66 -1.04 0.00	20.72 -0.98 0.00	17.47 -0.82 0.00	15.76 -0.74 0.00	17.97 -0.85 0.00	19.43 -0.92 0.00	21.96 -1.03 0.00	21.58 -0.91 0.00	23.58 -0.99 0.00	22.30 -0.96 0.00	23.88 -0.94 0.00	28.32 -1.24 0.00	27.91 -1.23 0.00	26.14 -1.13 0.00	21.44 -0.78 0.00
SITHE___BATAVIA 24024	21.22 -0.78 0.00	20.13 -0.70 0.00	18.02 -0.71 0.00	17.98 -0.73 0.00	20.84 -0.72 0.00	21.94 -0.95 0.00	25.54 -1.23 0.00	26.05 -1.43 0.00	24.43 -1.37 0.00	21.35 -1.35 0.00	20.24 -1.47 0.00	17.07 -1.22 0.00	15.46 -1.05 0.00	17.71 -1.11 0.00	19.03 -1.32 0.00	21.67 -1.32 0.00	21.51 -0.98 0.00	23.45 -1.11 0.00	21.87 -1.39 0.00	23.46 -1.37 0.00	26.87 -1.56 1.13	27.50 -1.25 0.39	25.92 -1.34 0.00	21.29 -0.93 0.00
SITHE___INDEPEND 23800	21.23 -0.77 0.00	20.12 -0.72 0.00	18.08 -0.65 0.00	18.05 -0.65 0.00	20.80 -0.75 0.00	22.03 -0.87 0.00	25.64 -1.14 0.00	26.19 -1.29 0.00	24.57 -1.23 0.00	21.66 -1.04 0.00	20.72 -0.99 0.00	17.47 -0.82 0.00	15.76 -0.75 0.00	17.97 -0.85 0.00	19.43 -0.92 0.00	21.96 -1.03 0.00	21.58 -0.91 0.00	23.58 -0.99 0.00	22.30 -0.96 0.00	23.88 -0.94 0.00	28.32 -1.25 0.00	27.91 -1.23 0.00	26.14 -1.13 0.00	21.44 -0.78 0.00
SITHE___MASSENA 23902	22.49 0.49 0.00	21.33 0.49 0.00	19.15 0.42 0.00	19.09 0.39 0.00	21.98 0.42 0.00	23.23 0.34 0.00	26.92 0.15 0.00	27.39 -0.09 0.00	25.93 0.13 0.00	22.92 0.23 0.00	21.86 0.15 0.00	18.79 0.14 -0.37	16.77 0.18 -0.09	20.19 0.23 -1.14	21.68 0.15 -1.18	23.67 0.16 -0.51	22.69 -0.20 -0.41	25.26 -0.48 -1.17	23.67 -0.32 -0.73	25.89 -0.23 -1.29	30.10 0.05 -0.48	30.08 0.23 -0.72	27.63 0.36 0.00	22.48 0.27 0.00
SITHE___OGDNSBRG 24021	22.85 0.85 0.00	21.69 0.85 0.00	19.47 0.74 0.00	19.40 0.70 0.00	22.35 0.79 0.00	23.63 0.74 0.00	27.38 0.61 0.00	27.87 0.39 0.00	26.30 0.50 0.00	23.18 0.48 0.00	22.07 0.36 0.00	19.94 0.30 -1.35	17.19 0.36 -0.33	23.50 0.49 -4.19	25.14 0.45 -4.34	25.40 0.53 -1.88	24.10 0.11 -1.50	28.74 -0.16 -4.33	26.00 0.05 -2.69	29.80 0.20 -4.78	31.98 0.63 -1.78	32.60 0.83 -2.64	28.15 0.89 0.00	22.88 0.66 0.00



SITHE___STERLING 23777	22.49 0.49 0.00	21.31 0.47 0.00	19.16 0.43 0.00	19.15 0.45 0.00	22.08 0.52 0.00	23.46 0.57 0.00	27.51 0.73 0.00	28.30 0.82 0.00	26.49 0.68 0.00	23.16 0.46 0.00	22.11 0.41 0.00	18.54 0.25 0.00	16.66 0.16 0.00	18.97 0.14 0.00	20.57 0.22 0.00	23.37 0.38 0.00	23.12 0.64 0.00	25.36 0.79 0.00	23.91 0.66 0.00	25.51 0.68 0.00	30.28 0.72 0.00	29.76 0.63 0.00	27.80 0.53 0.00	22.62 0.40 0.00
SLEIGHT__34_KV_TB1 80719	21.34 -0.66 0.00	20.24 -0.60 0.00	18.14 -0.58 0.00	18.09 -0.61 0.00	20.94 -0.62 0.00	22.16 -0.74 0.00	25.91 -0.87 0.00	26.40 -1.09 0.00	24.75 -1.06 0.00	21.79 -0.91 0.00	20.76 -0.94 0.00	17.51 -0.78 0.00	15.81 -0.69 0.00	18.05 -0.78 0.00	19.47 -0.88 0.00	22.09 -0.90 0.00	21.78 -0.71 0.00	23.85 -0.71 0.00	22.46 -0.79 0.00	24.09 -0.74 0.00	28.62 -0.94 0.00	28.28 -0.86 0.00	26.31 -0.96 0.00	21.55 -0.67 0.00
SOUTH CAIRO___GT 23612	23.09 1.09 0.00	21.86 1.02 0.00	19.67 0.94 0.00	19.68 0.98 0.00	22.69 1.13 0.00	24.21 1.32 0.00	28.64 1.87 0.00	29.63 2.15 0.00	27.51 1.71 0.00	23.92 1.22 0.00	22.67 0.96 0.00	18.98 0.69 0.00	17.10 0.60 0.00	19.57 0.75 0.00	21.36 1.02 0.00	24.38 1.39 0.00	24.27 1.78 0.00	26.81 2.24 0.00	25.18 1.93 0.00	26.73 1.90 0.00	31.62 2.06 0.00	30.98 1.84 0.00	28.84 1.57 0.00	23.36 1.14 0.00
SOUTH HAMPTN___IC 23720	23.41 1.41 0.00	22.07 1.23 0.00	19.84 1.11 0.00	19.75 1.05 0.00	22.79 1.23 0.00	24.51 1.62 0.00	29.33 2.56 0.00	30.65 3.17 0.00	28.89 3.08 0.00	25.23 2.52 0.00	24.19 2.48 0.00	20.76 1.97 -0.50	21.77 1.75 -3.52	20.46 1.62 -0.02	22.40 1.68 -0.37	24.92 1.93 0.00	24.93 2.44 0.00	27.42 2.86 0.00	25.65 2.40 0.00	27.58 2.75 0.00	32.71 3.14 0.00	32.14 3.01 0.00	29.64 2.38 0.00	24.19 1.97 0.00
SOUTHDOW_115KV_TB1 355954	21.36 -0.64 0.00	20.23 -0.61 0.00	18.10 -0.63 0.00	18.05 -0.65 0.00	20.87 -0.69 0.00	22.03 -0.86 0.00	25.71 -1.07 0.00	26.35 -1.14 0.00	24.65 -1.16 0.00	21.65 -1.05 0.00	20.62 -1.09 0.00	17.42 -0.86 0.00	15.67 -0.83 0.00	17.76 -1.06 0.00	19.00 -1.35 0.00	21.57 -1.42 0.00	21.35 -1.14 0.00	23.24 -1.33 0.00	21.70 -1.56 0.00	23.33 -1.50 0.00	28.00 -1.56 0.00	27.84 -1.30 0.00	26.11 -1.16 0.00	21.34 -0.87 0.00
SOUTHOLD_69_KV_BK 2 55809	23.75 1.75 0.00	22.38 1.55 0.00	20.12 1.39 0.00	20.03 1.33 0.00	23.13 1.58 0.00	24.90 2.01 0.00	29.79 3.02 0.00	31.13 3.65 0.00	29.31 3.51 0.00	25.57 2.87 0.00	24.49 2.79 0.00	21.00 2.21 -0.50	21.99 1.97 -3.52	20.73 1.89 -0.02	22.71 1.99 -0.37	25.29 2.30 0.00	25.33 2.85 0.00	27.91 3.34 0.00	26.11 2.85 0.00	28.06 3.23 0.00	33.25 3.69 0.00	32.66 3.53 0.00	30.11 2.85 0.00	24.53 2.31 0.00
SOUTHOLD___IC 23719	23.75 1.75 0.00	22.38 1.54 0.00	20.12 1.39 0.00	20.03 1.33 0.00	23.13 1.57 0.00	24.90 2.00 0.00	29.79 3.02 0.00	31.14 3.65 0.00	29.31 3.51 0.00	25.57 2.87 0.00	24.49 2.78 0.00	21.00 2.21 -0.50	21.98 1.97 -3.52	20.73 1.88 -0.02	22.71 1.99 -0.37	25.29 2.30 0.00	25.33 2.85 0.00	27.90 3.33 0.00	26.11 2.85 0.00	28.06 3.23 0.00	33.25 3.69 0.00	32.66 3.53 0.00	30.11 2.85 0.00	24.53 2.31 0.00
SOUTH_FORK_WT_PWR 323839	23.77 1.77 0.00	22.40 1.57 0.00	20.14 1.41 0.00	20.05 1.35 0.00	23.16 1.60 0.00	24.93 2.03 0.00	29.83 3.06 0.00	31.18 3.69 0.00	29.35 3.54 0.00	25.60 2.90 0.00	24.52 2.81 0.00	21.02 2.24 -0.50	22.01 1.99 -3.52	20.75 1.90 -0.02	22.73 2.01 -0.37	25.32 2.32 0.00	25.36 2.87 0.00	27.94 3.37 0.00	26.13 2.88 0.00	28.08 3.26 0.00	33.29 3.73 0.00	32.71 3.57 0.00	30.14 2.88 0.00	24.56 2.34 0.00
SPIERFLS_115KV_TB 1 80737	22.20 0.20 0.00	20.99 0.15 0.00	18.88 0.15 0.00	18.88 0.18 0.00	21.88 0.33 0.00	23.41 0.52 0.00	27.62 0.84 0.00	28.66 1.18 0.00	26.65 0.84 0.00	23.38 0.68 0.00	22.27 0.56 0.00	18.73 0.44 0.00	16.90 0.40 0.00	19.41 0.59 0.00	21.10 0.75 0.00	23.80 0.81 0.00	23.52 1.03 0.00	25.93 1.36 0.00	24.39 1.13 0.00	25.97 1.15 0.00	30.61 1.05 0.00	30.00 0.86 0.00	27.92 0.65 0.00	22.59 0.38 0.00
ST LAWRENCE___ 23600	22.18 0.18 0.00	21.02 0.19 0.00	18.88 0.15 0.00	18.82 0.11 0.00	21.68 0.12 0.00	22.95 0.06 0.00	26.69 -0.09 0.00	27.15 -0.33 0.00	25.72 -0.09 0.00	22.68 -0.02 0.00	21.63 -0.08 0.00	18.23 -0.06 0.00	16.50 0.00 0.00	18.84 0.02 0.00	20.27 -0.08 0.00	22.89 -0.10 0.00	22.10 -0.39 0.00	23.89 -0.67 0.00	22.76 -0.50 0.00	24.39 -0.43 0.00	29.34 -0.22 0.00	29.06 -0.07 0.00	27.25 -0.01 0.00	22.19 -0.02 0.00
STATE_CA_115KV_115_LB 55624	22.20 0.20 0.00	21.03 0.19 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.81 0.25 0.00	23.24 0.35 0.00	27.33 0.55 0.00	28.62 1.14 0.00	26.94 1.13 0.00	23.77 1.07 0.00	22.70 1.00 0.00	19.09 0.80 0.00	17.21 0.70 0.00	19.61 0.79 0.00	20.84 0.49 0.00	23.57 0.58 0.00	23.20 0.71 0.00	25.57 1.00 0.00	24.05 0.80 0.00	25.61 0.78 0.00	30.30 0.74 0.00	29.75 0.61 0.00	27.78 0.52 0.00	22.55 0.33 0.00
STATE_ST_34_KV_LOAD 55959	22.19 0.19 0.00	21.08 0.24 0.00	18.91 0.19 0.00	18.81 0.11 0.00	21.79 0.23 0.00	23.11 0.22 0.00	27.13 0.36 0.00	27.60 0.11 0.00	25.83 0.03 0.00	22.79 0.09 0.00	21.64 -0.07 0.00	18.26 -0.03 0.00	16.44 -0.06 0.00	18.68 -0.14 0.00	20.27 -0.08 0.00	23.02 0.03 0.00	22.61 0.12 0.00	24.98 0.41 0.00	23.55 0.29 0.00	25.04 0.22 0.00	29.75 0.19 0.00	29.33 0.20 0.00	27.25 -0.01 0.00	22.37 0.15 0.00
STATION 5_MISC_HYD 23604	20.89 -1.11 0.00	19.82 -1.02 0.00	17.78 -0.95 0.00	17.74 -0.96 0.00	20.52 -1.04 0.00	21.63 -1.26 0.00	25.14 -1.63 0.00	25.60 -1.88 0.00	24.03 -1.78 0.00	21.14 -1.56 0.00	20.23 -1.48 0.00	17.09 -1.20 0.00	15.47 -1.03 0.00	17.69 -1.13 0.00	19.00 -1.35 0.00	21.51 -1.48 0.00	21.21 -1.28 0.00	23.11 -1.46 0.00	21.84 -1.42 0.00	23.61 -1.22 0.00	27.42 -1.45 0.70	27.63 -1.26 0.24	25.96 -1.31 0.00	21.28 -0.94 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.82 -0.18 0.00	20.66 -0.17 0.00	18.52 -0.21 0.00	18.47 -0.23 0.00	21.36 -0.20 0.00	22.66 -0.24 0.00	26.54 -0.24 0.00	27.06 -0.43 0.00	25.36 -0.45 0.00	22.29 -0.41 0.00	21.22 -0.48 0.00	17.86 -0.43 0.00	16.10 -0.40 0.00	18.36 -0.46 0.00	19.83 -0.51 0.00	22.52 -0.48 0.00	22.24 -0.25 0.00	24.38 -0.19 0.00	22.83 -0.42 0.00	24.21 -0.62 0.00	28.74 -0.82 0.00	28.40 -0.74 0.00	26.45 -0.82 0.00	21.64 -0.57 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	20.87 -1.13 0.00	19.80 -1.04 0.00	17.76 -0.97 0.00	17.72 -0.98 0.00	20.49 -1.07 0.00	21.63 -1.26 0.00	25.18 -1.59 0.00	25.64 -1.84 0.00	24.07 -1.73 0.00	21.18 -1.52 0.00	20.26 -1.45 0.00	17.10 -1.19 0.00	15.47 -1.03 0.00	17.69 -1.13 0.00	19.02 -1.33 0.00	21.55 -1.44 0.00	21.24 -1.24 0.00	23.16 -1.41 0.00	21.86 -1.40 0.00	23.60 -1.23 0.00	28.08 -1.48 0.00	27.83 -1.30 0.00	25.91 -1.35 0.00	21.24 -0.98 0.00



STA_56___34_KV_BUS2 355983	20.87 -1.13 0.00	19.80 -1.04 0.00	17.76 -0.97 0.00	17.72 -0.98 0.00	20.49 -1.07 0.00	21.63 -1.26 0.00	25.18 -1.59 0.00	25.64 -1.84 0.00	24.07 -1.73 0.00	21.18 -1.52 0.00	20.26 -1.45 0.00	17.10 -1.19 0.00	15.47 -1.03 0.00	17.69 -1.13 0.00	19.02 -1.33 0.00	21.55 -1.44 0.00	21.24 -1.24 0.00	23.16 -1.41 0.00	21.86 -1.40 0.00	23.60 -1.23 0.00	28.08 -1.48 0.00	27.83 -1.30 0.00	25.91 -1.35 0.00	21.24 -0.98 0.00
STA_67___115KV_BK2 355882	20.85 -1.15 0.00	19.78 -1.06 0.00	17.74 -0.99 0.00	17.71 -0.99 0.00	20.48 -1.08 0.00	21.58 -1.31 0.00	25.09 -1.69 0.00	25.53 -1.95 0.00	23.97 -1.84 0.00	21.09 -1.61 0.00	20.19 -1.52 0.00	17.05 -1.24 0.00	15.43 -1.07 0.00	17.64 -1.18 0.00	18.95 -1.40 0.00	21.45 -1.54 0.00	21.15 -1.34 0.00	23.03 -1.53 0.00	21.77 -1.48 0.00	23.53 -1.29 0.00	28.02 -1.54 0.00	27.79 -1.34 0.00	25.89 -1.37 0.00	21.23 -0.99 0.00
STA_7___115KV_9TRANS 80674	20.98 -1.02 0.00	19.91 -0.93 0.00	17.85 -0.87 0.00	17.83 -0.88 0.00	20.62 -0.95 0.00	21.73 -1.16 0.00	25.29 -1.48 0.00	25.75 -1.73 0.00	24.17 -1.64 0.00	21.26 -1.44 0.00	20.34 -1.37 0.00	17.17 -1.12 0.00	15.54 -0.96 0.00	17.77 -1.05 0.00	19.10 -1.25 0.00	21.64 -1.35 0.00	21.34 -1.15 0.00	23.26 -1.31 0.00	21.99 -1.27 0.00	23.77 -1.05 0.00	28.29 -1.27 0.00	28.05 -1.09 0.00	26.11 -1.16 0.00	21.40 -0.82 0.00
STA_82___115KV_TB1 80780	20.84 -1.16 0.00	19.78 -1.06 0.00	17.74 -0.99 0.00	17.70 -1.00 0.00	20.48 -1.08 0.00	21.58 -1.31 0.00	25.09 -1.69 0.00	25.53 -1.95 0.00	23.96 -1.85 0.00	21.09 -1.61 0.00	20.18 -1.53 0.00	17.04 -1.25 0.00	15.43 -1.08 0.00	17.64 -1.18 0.00	18.94 -1.40 0.00	21.45 -1.54 0.00	21.14 -1.35 0.00	23.03 -1.54 0.00	21.78 -1.48 0.00	23.55 -1.28 0.00	28.04 -1.52 0.00	27.81 -1.32 0.00	25.90 -1.36 0.00	21.24 -0.98 0.00
STEEL___WIND 323596	20.71 -1.29 0.00	19.64 -1.20 0.00	17.56 -1.17 0.00	17.51 -1.19 0.00	20.27 -1.29 0.00	21.27 -1.62 0.00	24.60 -2.17 0.00	25.04 -2.45 0.00	23.49 -2.32 0.00	20.69 -2.01 0.00	19.77 -1.93 0.00	16.71 -1.58 0.00	15.14 -1.36 0.00	17.32 -1.50 0.00	18.46 -1.89 0.00	20.89 -2.10 0.00	20.61 -1.88 0.00	22.41 -2.15 0.00	20.95 -2.31 0.00	22.56 -2.26 0.00	25.36 -2.48 1.73	26.45 -2.09 0.60	25.22 -2.04 0.00	20.73 -1.48 0.00
STEPHTWN_115KV_BK_2 55603	22.42 0.42 0.00	21.23 0.39 0.00	19.13 0.40 0.00	19.13 0.43 0.00	22.03 0.47 0.00	23.48 0.58 0.00	27.67 0.90 0.00	28.62 1.13 0.00	26.64 0.84 0.00	23.37 0.67 0.00	22.30 0.59 0.00	18.77 0.48 0.00	16.92 0.42 0.00	19.33 0.51 0.00	21.02 0.68 0.00	23.84 0.85 0.00	23.47 0.98 0.00	25.92 1.35 0.00	24.36 1.11 0.00	25.99 1.16 0.00	30.70 1.14 0.00	30.09 0.96 0.00	28.08 0.82 0.00	22.78 0.56 0.00
STEBUBEN_REC_LFGE 323667	21.67 -0.32 0.00	20.35 -0.49 0.00	18.03 -0.70 0.00	17.89 -0.81 0.00	20.65 -0.91 0.00	22.00 -0.89 0.00	26.08 -0.69 0.00	26.74 -0.74 0.00	24.78 -1.03 0.00	21.70 -1.00 0.00	20.58 -1.13 0.00	17.16 -1.13 0.00	15.29 -1.21 0.00	17.38 -1.44 0.00	18.86 -1.49 0.00	21.45 -1.54 0.00	21.57 -0.91 0.00	24.03 -0.54 0.00	22.76 -0.51 0.00	24.10 -0.73 0.00	28.36 -1.21 0.00	27.92 -1.22 0.00	25.81 -1.46 0.00	21.06 -1.16 0.00
STILLWATER___SOLAR 323814	22.58 0.58 0.00	21.36 0.52 0.00	19.21 0.48 0.00	19.21 0.51 0.00	22.22 0.66 0.00	23.70 0.81 0.00	27.90 1.13 0.00	28.90 1.42 0.00	26.89 1.08 0.00	23.61 0.91 0.00	22.52 0.81 0.00	18.91 0.63 0.00	17.04 0.54 0.00	19.50 0.68 0.00	21.20 0.85 0.00	24.01 1.02 0.00	23.66 1.18 0.00	26.08 1.51 0.00	24.54 1.28 0.00	26.14 1.32 0.00	30.92 1.36 0.00	30.33 1.19 0.00	28.27 1.00 0.00	22.92 0.70 0.00
STONY___BROOK 24151	23.39 1.39 0.00	22.06 1.23 0.00	19.74 1.01 0.00	19.63 0.93 0.00	22.65 1.09 0.00	24.38 1.48 0.00	29.07 2.29 0.00	30.37 2.89 0.00	28.37 2.57 0.00	24.85 2.15 0.00	23.89 2.18 0.00	20.53 1.75 -0.50	21.58 1.56 -3.52	20.44 1.60 -0.02	22.40 1.68 -0.37	24.88 1.89 0.00	24.82 2.33 0.00	27.30 2.73 0.00	25.53 2.28 0.00	27.42 2.59 0.00	32.46 2.90 0.00	31.94 2.81 0.00	29.63 2.37 0.00	24.05 1.83 0.00
STURGEON_POOL_HYD 23609	22.76 0.76 0.00	21.49 0.65 0.00	19.34 0.61 0.00	19.33 0.63 0.00	22.30 0.74 0.00	23.86 0.96 0.00	28.29 1.52 0.00	29.27 1.79 0.00	27.25 1.45 0.00	23.91 1.21 0.00	22.94 1.23 0.00	19.33 1.04 0.00	17.40 0.90 0.00	19.82 1.00 0.00	21.50 1.15 0.00	24.26 1.27 0.00	23.97 1.48 0.00	26.46 1.89 0.00	24.85 1.60 0.00	26.46 1.63 0.00	31.25 1.69 0.00	30.67 1.54 0.00	28.65 1.39 0.00	23.21 1.00 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.70 0.70 0.00	21.45 0.61 0.00	19.32 0.59 0.00	19.30 0.60 0.00	22.26 0.70 0.00	23.82 0.92 0.00	28.15 1.38 0.00	29.22 1.74 0.00	27.19 1.39 0.00	23.83 1.13 0.00	22.89 1.18 0.00	18.76 1.00 0.53	13.66 0.86 3.71	19.74 0.94 0.02	21.02 1.07 0.40	24.16 1.17 0.00	23.88 1.40 0.00	26.39 1.82 0.00	24.82 1.56 0.00	26.45 1.62 0.00	31.23 1.67 0.00	30.64 1.51 0.00	28.64 1.38 0.00	23.20 0.98 0.00
SWANROAD_115KV_TB1 355699	19.99 -2.01 0.00	19.02 -1.82 0.00	17.02 -1.71 0.00	16.99 -1.71 0.00	19.67 -1.89 0.00	20.58 -2.31 0.00	23.76 -3.02 0.00	24.10 -3.38 0.00	22.60 -3.21 0.00	19.94 -2.76 0.00	19.06 -2.65 0.00	16.14 -2.16 0.00	14.64 -1.86 0.00	16.77 -2.05 0.00	17.86 -2.49 0.00	20.19 -2.80 0.00	19.91 -2.58 0.00	21.59 -2.97 0.00	20.20 -3.06 0.00	21.78 -3.05 0.00	26.12 -3.44 0.00	26.22 -2.91 0.00	24.43 -2.83 0.00	20.17 -2.05 0.00
SYNERGY___BIOGAS 323694	21.22 -0.78 0.00	20.13 -0.70 0.00	18.02 -0.71 0.00	17.98 -0.73 0.00	20.84 -0.72 0.00	21.94 -0.95 0.00	25.54 -1.23 0.00	26.05 -1.43 0.00	24.43 -1.37 0.00	21.35 -1.35 0.00	20.24 -1.47 0.00	17.07 -1.22 0.00	15.46 -1.05 0.00	17.71 -1.11 0.00	19.03 -1.32 0.00	21.67 -1.32 0.00	21.51 -0.98 0.00	23.45 -1.11 0.00	21.87 -1.39 0.00	23.46 -1.37 0.00	26.87 -1.56 1.13	27.50 -1.25 0.39	25.92 -1.34 0.00	21.29 -0.93 0.00
SYRACUSE___ENERGY_ST1 323597	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00
SYRACUSE___ENERGY_ST2 323598	21.99 -0.01 0.00	20.86 0.02 0.00	18.72 -0.01 0.00	18.66 -0.04 0.00	21.56 0.00 0.00	22.85 -0.04 0.00	26.74 -0.03 0.00	27.27 -0.21 0.00	25.52 -0.28 0.00	22.48 -0.22 0.00	21.43 -0.28 0.00	18.06 -0.23 0.00	16.28 -0.22 0.00	18.55 -0.27 0.00	20.08 -0.27 0.00	22.75 -0.24 0.00	22.36 -0.13 0.00	24.60 0.04 0.00	23.21 -0.05 0.00	24.81 -0.02 0.00	29.41 -0.15 0.00	28.98 -0.16 0.00	27.05 -0.21 0.00	22.16 -0.06 0.00



SYRACUSE___POWER 24017	21.83 -0.17 0.00	20.68 -0.15 0.00	18.56 -0.17 0.00	18.53 -0.17 0.00	21.38 -0.18 0.00	22.66 -0.23 0.00	26.48 -0.29 0.00	27.05 -0.43 0.00	25.33 -0.48 0.00	22.30 -0.40 0.00	21.30 -0.41 0.00	17.94 -0.34 0.00	16.17 -0.33 0.00	18.44 -0.38 0.00	19.94 -0.41 0.00	22.58 -0.42 0.00	22.22 -0.26 0.00	24.37 -0.19 0.00	23.01 -0.24 0.00	24.65 -0.18 0.00	29.21 -0.35 0.00	28.76 -0.38 0.00	26.90 -0.37 0.00	22.01 -0.21 0.00
TALLMAN___138KV_BK151 55660	22.78 0.78 0.00	21.53 0.69 0.00	19.39 0.66 0.00	19.39 0.69 0.00	22.35 0.78 0.00	23.93 1.04 0.00	28.33 1.55 0.00	29.41 1.93 0.00	27.36 1.55 0.00	23.97 1.28 0.00	23.06 1.35 0.00	18.77 1.15 0.66	12.80 0.98 4.68	19.86 1.07 0.03	21.05 1.20 0.50	24.28 1.29 0.00	24.02 1.54 0.00	26.58 2.02 0.00	24.98 1.72 0.00	26.60 1.77 0.00	31.39 1.83 0.00	30.79 1.66 0.00	28.75 1.48 0.00	23.27 1.05 0.00
TEALLAVE_115KV_TB7 355573	21.65 -0.34 0.00	20.51 -0.32 0.00	18.42 -0.31 0.00	18.39 -0.31 0.00	21.21 -0.35 0.00	22.47 -0.42 0.00	26.24 -0.54 0.00	26.78 -0.71 0.00	25.08 -0.72 0.00	22.09 -0.62 0.00	21.11 -0.60 0.00	17.79 -0.50 0.00	16.03 -0.47 0.00	18.29 -0.53 0.00	19.77 -0.58 0.00	22.37 -0.62 0.00	22.01 -0.48 0.00	24.11 -0.45 0.00	22.77 -0.49 0.00	24.42 -0.41 0.00	28.93 -0.63 0.00	28.49 -0.64 0.00	26.68 -0.58 0.00	21.84 -0.38 0.00
TELGRAPH_34_KV_EAST 80808	20.49 -1.50 0.00	19.47 -1.36 0.00	17.42 -1.31 0.00	17.38 -1.32 0.00	20.13 -1.42 0.00	21.12 -1.78 0.00	24.46 -2.32 0.00	24.86 -2.63 0.00	23.33 -2.47 0.00	20.54 -2.16 0.00	19.56 -2.14 0.00	16.54 -1.75 0.00	14.99 -1.51 0.00	17.17 -1.65 0.00	18.34 -2.01 0.00	20.79 -2.20 0.00	20.54 -1.94 0.00	22.31 -2.25 0.00	20.92 -2.33 0.00	22.60 -2.22 0.00	27.06 -2.50 0.00	27.06 -2.08 0.00	25.18 -2.08 0.00	20.73 -1.49 0.00
TEMPLE___115KV_TB 2 55572	21.66 -0.33 0.00	20.52 -0.32 0.00	18.42 -0.31 0.00	18.40 -0.30 0.00	21.22 -0.33 0.00	22.47 -0.42 0.00	26.24 -0.53 0.00	26.79 -0.69 0.00	25.09 -0.71 0.00	22.10 -0.60 0.00	21.12 -0.59 0.00	17.79 -0.49 0.00	16.04 -0.46 0.00	18.30 -0.51 0.00	19.79 -0.56 0.00	22.39 -0.60 0.00	22.03 -0.46 0.00	24.13 -0.44 0.00	22.79 -0.47 0.00	24.43 -0.40 0.00	28.95 -0.61 0.00	28.51 -0.63 0.00	26.69 -0.58 0.00	21.85 -0.37 0.00
TIANA____69_KV_BK 1 55817	23.35 1.35 0.00	22.01 1.18 0.00	19.79 1.07 0.00	19.70 0.99 0.00	22.73 1.17 0.00	24.46 1.56 0.00	29.24 2.47 0.00	30.56 3.08 0.00	28.80 3.00 0.00	25.15 2.45 0.00	24.13 2.42 0.00	20.70 1.92 -0.50	21.72 1.70 -3.52	20.41 1.57 -0.02	22.36 1.63 -0.37	24.85 1.86 0.00	24.86 2.38 0.00	27.35 2.79 0.00	25.59 2.33 0.00	27.51 2.68 0.00	32.62 3.06 0.00	32.06 2.92 0.00	29.58 2.31 0.00	24.13 1.91 0.00
TILDEN___115KV_TB1 80814	21.83 -0.17 0.00	20.68 -0.15 0.00	18.56 -0.17 0.00	18.53 -0.17 0.00	21.38 -0.18 0.00	22.66 -0.23 0.00	26.48 -0.29 0.00	27.05 -0.43 0.00	25.33 -0.48 0.00	22.30 -0.40 0.00	21.30 -0.41 0.00	17.94 -0.34 0.00	16.17 -0.33 0.00	18.44 -0.38 0.00	19.94 -0.41 0.00	22.58 -0.42 0.00	22.22 -0.26 0.00	24.37 -0.19 0.00	23.01 -0.24 0.00	24.65 -0.18 0.00	29.21 -0.35 0.00	28.76 -0.38 0.00	26.90 -0.37 0.00	22.01 -0.21 0.00
TRIGEN___CC 323695	23.01 1.01 0.00	21.73 0.89 0.00	19.53 0.81 0.00	19.47 0.77 0.00	22.45 0.89 0.00	24.12 1.23 0.00	28.66 1.88 0.00	29.86 2.38 0.00	27.78 1.98 0.00	24.39 1.69 0.00	23.45 1.74 0.00	20.23 1.44 -0.50	21.30 1.28 -3.52	20.23 1.39 -0.02	22.21 1.49 -0.37	24.63 1.64 0.00	24.44 1.95 0.00	26.94 2.37 0.00	25.25 2.00 0.00	26.98 2.15 0.00	31.89 2.33 0.00	31.34 2.20 0.00	29.21 1.95 0.00	23.66 1.44 0.00
TRINITY___115KV___4 BK 55933	22.13 0.13 0.00	20.97 0.13 0.00	18.89 0.16 0.00	18.89 0.19 0.00	21.75 0.18 0.00	23.16 0.27 0.00	27.23 0.45 0.00	28.16 0.68 0.00	26.24 0.43 0.00	23.06 0.36 0.00	22.05 0.35 0.00	18.56 0.27 0.00	16.73 0.23 0.00	19.09 0.26 0.00	20.76 0.41 0.00	23.48 0.49 0.00	23.10 0.61 0.00	25.46 0.90 0.00	23.95 0.69 0.00	25.51 0.68 0.00	30.18 0.62 0.00	29.64 0.50 0.00	27.69 0.43 0.00	22.47 0.25 0.00
UNION___PROCESSING_DRP 323587	21.46 -0.54 0.00	20.36 -0.48 0.00	18.23 -0.50 0.00	18.19 -0.50 0.00	21.07 -0.49 0.00	22.24 -0.65 0.00	25.97 -0.80 0.00	26.47 -1.01 0.00	24.81 -0.99 0.00	21.73 -0.98 0.00	20.62 -1.09 0.00	17.38 -0.91 0.00	15.71 -0.79 0.00	17.99 -0.84 0.00	19.35 -0.99 0.00	22.04 -0.95 0.00	21.84 -0.65 0.00	23.88 -0.69 0.00	22.11 -1.15 0.00	23.56 -1.27 0.00	28.05 -1.51 0.00	27.82 -1.32 0.00	25.92 -1.35 0.00	21.25 -0.97 0.00
UPPER HUDSON___HYD 24058	22.20 0.20 0.00	20.99 0.15 0.00	18.88 0.15 0.00	18.88 0.18 0.00	21.88 0.33 0.00	23.41 0.52 0.00	27.62 0.85 0.00	28.66 1.18 0.00	26.65 0.84 0.00	23.38 0.68 0.00	22.27 0.56 0.00	18.73 0.44 0.00	16.90 0.40 0.00	19.41 0.59 0.00	21.09 0.75 0.00	23.80 0.81 0.00	23.52 1.03 0.00	25.93 1.36 0.00	24.39 1.13 0.00	25.98 1.15 0.00	30.61 1.05 0.00	30.00 0.87 0.00	27.92 0.65 0.00	22.59 0.38 0.00
UPPER RAQUET___HYD 24056	22.45 0.46 0.00	21.31 0.48 0.00	19.14 0.41 0.00	19.03 0.33 0.00	21.85 0.29 0.00	22.92 0.03 0.00	26.41 -0.36 0.00	26.89 -0.59 0.00	25.44 -0.37 0.00	22.45 -0.25 0.00	21.41 -0.30 0.00	19.97 -0.29 -1.97	16.80 -0.19 -0.49	24.75 -0.20 -6.13	26.42 -0.28 -6.35	25.47 -0.27 -2.74	23.98 -0.70 -2.19	29.86 -1.04 -6.33	26.32 -0.87 -3.94	31.02 -0.79 -6.99	31.74 -0.44 -2.61	32.94 -0.06 -3.86	27.44 0.17 0.00	22.31 0.09 0.00
VALLEY44_115KV_TB2 355964	21.68 -0.32 0.00	20.56 -0.28 0.00	18.41 -0.32 0.00	18.41 -0.29 0.00	21.32 -0.24 0.00	22.40 -0.49 0.00	26.02 -0.76 0.00	26.54 -0.95 0.00	24.81 -1.00 0.00	21.83 -0.87 0.00	20.97 -0.74 0.00	17.73 -0.56 0.00	16.08 -0.42 0.00	18.36 -0.46 0.00	19.61 -0.73 0.00	22.18 -0.81 0.00	21.87 -0.62 0.00	23.81 -0.76 0.00	22.29 -0.97 0.00	23.81 -1.01 0.00	28.37 -1.19 0.00	28.11 -1.03 0.00	26.30 -0.96 0.00	21.59 -0.63 0.00
VALLEY___115KV_TB 1-4 80826	21.81 -0.19 0.00	20.71 -0.13 0.00	18.65 -0.08 0.00	18.63 -0.07 0.00	21.50 -0.06 0.00	22.98 0.08 0.00	27.15 0.38 0.00	28.11 0.62 0.00	26.14 0.34 0.00	22.87 0.17 0.00	21.87 0.17 0.00	18.39 0.10 0.00	16.57 0.07 0.00	18.87 0.05 0.00	20.45 0.11 0.00	23.21 0.22 0.00	22.95 0.46 0.00	25.26 0.69 0.00	23.76 0.50 0.00	25.23 0.40 0.00	29.85 0.29 0.00	29.29 0.15 0.00	27.30 0.04 0.00	22.07 -0.14 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.87 0.87 0.00	21.65 0.82 0.00	19.44 0.72 0.00	19.44 0.73 0.00	22.43 0.87 0.00	23.89 1.00 0.00	28.10 1.32 0.00	28.98 1.49 0.00	27.09 1.28 0.00	23.78 1.08 0.00	22.73 1.03 0.00	19.14 0.85 0.00	17.24 0.74 0.00	19.60 0.78 0.00	21.20 0.85 0.00	23.99 1.00 0.00	23.66 1.17 0.00	25.99 1.42 0.00	24.51 1.25 0.00	26.13 1.30 0.00	30.97 1.41 0.00	30.43 1.29 0.00	28.34 1.08 0.00	23.03 0.81 0.00



VISCHER___FERRY HYD 24020	22.44 0.44 0.00	21.23 0.40 0.00	19.11 0.38 0.00	19.11 0.41 0.00	22.07 0.51 0.00	23.52 0.62 0.00	27.65 0.87 0.00	28.64 1.16 0.00	26.65 0.84 0.00	23.40 0.70 0.00	22.35 0.64 0.00	18.80 0.51 0.00	16.94 0.44 0.00	19.34 0.52 0.00	21.04 0.70 0.00	23.82 0.83 0.00	23.41 0.92 0.00	25.82 1.25 0.00	24.28 1.03 0.00	25.89 1.06 0.00	30.65 1.09 0.00	30.08 0.94 0.00	28.08 0.81 0.00	22.76 0.54 0.00
V_A_10_SYNC_DSASP 323832	20.27 -1.73 0.00	19.25 -1.58 0.00	17.26 -1.47 0.00	17.23 -1.47 0.00	19.94 -1.62 0.00	20.92 -1.97 0.00	24.20 -2.58 0.00	24.59 -2.89 0.00	23.08 -2.73 0.00	20.36 -2.34 0.00	19.50 -2.21 0.00	16.49 -1.80 0.00	14.95 -1.55 0.00	17.11 -1.71 0.00	18.29 -2.06 0.00	20.67 -2.32 0.00	20.37 -2.12 0.00	22.13 -2.44 0.00	20.78 -2.48 0.00	22.41 -2.42 0.00	25.64 -2.77 1.16	26.32 -2.42 0.40	24.92 -2.35 0.00	20.50 -1.72 0.00
V_CMM_10_SYNC_DSASP 323787	22.27 0.27 0.00	21.11 0.28 0.00	18.96 0.23 0.00	18.90 0.20 0.00	21.78 0.22 0.00	23.05 0.16 0.00	26.82 0.04 0.00	27.28 -0.20 0.00	25.83 0.02 0.00	22.78 0.08 0.00	21.72 0.02 0.00	18.31 0.03 0.00	16.58 0.08 0.00	18.93 0.11 0.00	20.37 0.02 0.00	22.99 0.00 0.00	22.21 -0.28 0.00	24.01 -0.55 0.00	22.86 -0.39 0.00	24.51 -0.32 0.00	29.48 -0.08 0.00	29.19 0.06 0.00	27.37 0.11 0.00	22.29 0.07 0.00
V_CMP_10_SYNC_DSASP 323788	22.86 0.86 0.00	21.77 0.93 0.00	19.61 0.88 0.00	19.27 0.57 0.00	22.25 0.70 0.00	23.45 0.56 0.00	27.39 0.62 0.00	27.73 0.25 0.00	26.16 0.35 0.00	22.82 0.12 0.00	21.45 -0.26 0.00	5.14 -0.42 12.73	13.01 -0.35 3.14	-21.25 -0.45 39.62	-21.27 -0.57 41.05	4.62 -0.63 17.74	7.52 -0.78 14.19	-17.57 -1.20 40.94	-3.11 -0.91 25.46	-21.20 -0.82 45.21	12.01 -0.67 16.89	3.57 -0.58 24.99	27.13 -0.13 0.00	22.16 -0.06 0.00
V_D_10_SYNC_DSASP 323841	19.72 -2.28 0.00	18.78 -2.06 0.00	16.81 -1.92 0.00	16.78 -1.92 0.00	19.42 -2.14 0.00	20.32 -2.57 0.00	23.42 -3.36 0.00	23.72 -3.76 0.00	22.28 -3.53 0.00	19.69 -3.01 0.00	18.82 -2.89 0.00	15.94 -2.35 0.00	14.47 -2.03 0.00	16.57 -2.25 0.00	17.62 -2.73 0.00	19.90 -3.09 0.00	19.60 -2.88 0.00	21.24 -3.33 0.00	19.89 -3.36 0.00	21.47 -3.36 0.00	25.81 -3.75 0.00	25.94 -3.20 0.00	24.14 -3.13 0.00	19.97 -2.24 0.00
V_E_10_SYNC_DSASP 323830	23.30 1.30 0.00	22.15 1.31 0.00	19.92 1.20 0.00	20.05 1.35 0.00	23.26 1.70 0.00	24.74 1.85 0.00	29.01 2.23 0.00	29.75 2.27 0.00	27.85 2.05 0.00	24.31 1.61 0.00	23.04 1.33 0.00	19.23 0.94 0.00	17.30 0.80 0.00	19.66 0.84 0.00	21.17 0.83 0.00	24.21 1.22 0.00	24.18 1.69 0.00	26.52 1.95 0.00	24.90 1.64 0.00	26.45 1.63 0.00	32.10 2.14 -0.40	31.10 1.83 -0.14	28.76 1.50 0.00	23.43 1.21 0.00
V_F_30_NSYNC___DSASP 323816	22.62 0.62 0.00	21.39 0.55 0.00	19.24 0.51 0.00	19.24 0.54 0.00	22.24 0.69 0.00	23.73 0.84 0.00	27.93 1.16 0.00	28.93 1.44 0.00	26.92 1.12 0.00	23.65 0.95 0.00	22.56 0.85 0.00	18.95 0.67 0.00	17.09 0.59 0.00	19.54 0.72 0.00	21.24 0.89 0.00	24.05 1.05 0.00	23.69 1.20 0.00	26.10 1.54 0.00	24.56 1.30 0.00	26.18 1.35 0.00	30.96 1.39 0.00	30.37 1.24 0.00	28.30 1.04 0.00	22.95 0.73 0.00
V_F_30_SYNC_DSASP 323786	22.20 0.20 0.00	21.03 0.19 0.00	18.95 0.22 0.00	18.95 0.25 0.00	21.81 0.25 0.00	23.24 0.34 0.00	27.32 0.54 0.00	28.19 0.71 0.00	26.23 0.43 0.00	23.05 0.35 0.00	22.04 0.33 0.00	18.55 0.26 0.00	16.72 0.22 0.00	19.12 0.30 0.00	20.84 0.49 0.00	23.57 0.58 0.00	23.19 0.71 0.00	25.57 1.00 0.00	24.05 0.79 0.00	25.61 0.78 0.00	30.30 0.74 0.00	29.74 0.61 0.00	27.78 0.51 0.00	22.55 0.33 0.00
V_XM_10_SYNC_DSASP 323789	22.86 0.86 0.00	21.77 0.93 0.00	19.61 0.88 0.00	19.27 0.57 0.00	22.25 0.70 0.00	23.45 0.56 0.00	27.39 0.62 0.00	27.73 0.25 0.00	26.16 0.35 0.00	22.82 0.12 0.00	21.45 -0.26 0.00	5.14 -0.42 12.73	13.01 -0.35 3.14	-21.25 -0.45 39.62	-21.27 -0.57 41.05	4.62 -0.63 17.74	7.52 -0.78 14.19	-17.57 -1.20 40.94	-3.11 -0.91 25.46	-21.20 -0.82 45.21	12.01 -0.67 16.89	3.57 -0.58 24.99	27.13 -0.13 0.00	22.16 -0.06 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.85 0.85 0.00	21.59 0.75 0.00	19.45 0.72 0.00	19.44 0.74 0.00	22.41 0.85 0.00	24.01 1.11 0.00	28.42 1.64 0.00	29.52 2.03 0.00	27.45 1.64 0.00	24.07 1.37 0.00	23.13 1.42 0.00	18.80 1.21 0.70	12.61 1.04 4.93	19.93 1.14 0.03	21.10 1.28 0.53	24.38 1.39 0.00	24.12 1.64 0.00	26.68 2.11 0.00	25.08 1.82 0.00	26.70 1.88 0.00	31.51 1.95 0.00	30.91 1.77 0.00	28.85 1.59 0.00	23.35 1.14 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.86 0.86 0.00	21.60 0.76 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.42 0.86 0.00	24.01 1.11 0.00	28.47 1.69 0.00	29.60 2.12 0.00	27.54 1.74 0.00	24.18 1.48 0.00	23.28 1.57 0.00	20.16 1.36 -0.51	21.25 1.19 -3.56	20.16 1.32 -0.02	22.20 1.47 -0.38	24.57 1.58 0.00	24.31 1.82 0.00	26.90 2.33 0.00	25.23 1.98 0.00	26.85 2.02 0.00	31.69 2.13 0.00	31.06 1.93 0.00	28.96 1.70 0.00	23.41 1.19 0.00
W50THST__13_KV_LOAD 356117	23.04 1.04 0.00	21.76 0.93 0.00	19.62 0.90 0.00	19.62 0.92 0.00	22.59 1.04 0.00	24.19 1.30 0.00	28.71 1.94 0.00	29.88 2.40 0.00	27.82 2.01 0.00	24.43 1.73 0.00	23.52 1.82 0.00	20.38 1.58 -0.51	21.45 1.39 -3.56	20.39 1.54 -0.02	22.43 1.70 -0.38	24.83 1.83 0.00	24.57 2.09 0.00	27.18 2.61 0.00	25.49 2.23 0.00	27.10 2.28 0.00	31.98 2.42 0.00	31.33 2.20 0.00	29.18 1.92 0.00	23.59 1.37 0.00
WADING RIVER_IC_1 23522	23.07 1.08 0.00	21.75 0.91 0.00	19.58 0.85 0.00	19.48 0.78 0.00	22.48 0.92 0.00	24.14 1.25 0.00	28.91 2.14 0.00	30.23 2.75 0.00	28.61 2.80 0.00	24.98 2.28 0.00	23.97 2.26 0.00	20.58 1.79 -0.50	21.60 1.59 -3.52	20.19 1.35 -0.02	22.09 1.37 -0.37	24.55 1.56 0.00	24.55 2.06 0.00	26.97 2.41 0.00	25.23 1.98 0.00	27.17 2.34 0.00	32.26 2.69 0.00	31.70 2.57 0.00	29.19 1.93 0.00	23.88 1.66 0.00
WADING RIVER_IC_2 23547	23.07 1.08 0.00	21.75 0.91 0.00	19.58 0.85 0.00	19.48 0.78 0.00	22.48 0.92 0.00	24.14 1.25 0.00	28.91 2.14 0.00	30.23 2.75 0.00	28.61 2.80 0.00	24.98 2.28 0.00	23.97 2.26 0.00	20.58 1.79 -0.50	21.60 1.59 -3.52	20.19 1.35 -0.02	22.09 1.37 -0.37	24.55 1.56 0.00	24.55 2.06 0.00	26.97 2.41 0.00	25.23 1.98 0.00	27.17 2.34 0.00	32.26 2.69 0.00	31.70 2.57 0.00	29.19 1.93 0.00	23.88 1.66 0.00
WADING RIVER_IC_3 23601	23.07 1.08 0.00	21.75 0.91 0.00	19.58 0.85 0.00	19.48 0.78 0.00	22.48 0.92 0.00	24.14 1.25 0.00	28.91 2.14 0.00	30.23 2.75 0.00	28.61 2.80 0.00	24.98 2.28 0.00	23.97 2.26 0.00	20.58 1.79 -0.50	21.60 1.59 -3.52	20.19 1.35 -0.02	22.09 1.37 -0.37	24.55 1.56 0.00	24.55 2.06 0.00	26.97 2.41 0.00	25.23 1.98 0.00	27.17 2.34 0.00	32.26 2.69 0.00	31.70 2.57 0.00	29.19 1.93 0.00	23.88 1.66 0.00



WALDENNY_12_KV_BK2 80841	20.69 -1.31 0.00	19.64 -1.20 0.00	17.55 -1.18 0.00	17.51 -1.19 0.00	20.26 -1.30 0.00	21.26 -1.63 0.00	24.64 -2.13 0.00	25.08 -2.40 0.00	23.53 -2.27 0.00	20.74 -1.96 0.00	19.82 -1.89 0.00	16.76 -1.53 0.00	15.18 -1.32 0.00	17.37 -1.45 0.00	18.51 -1.83 0.00	20.95 -2.04 0.00	20.67 -1.81 0.00	22.46 -2.10 0.00	21.01 -2.25 0.00	22.61 -2.21 0.00	27.13 -2.43 0.00	27.12 -2.01 0.00	25.29 -1.97 0.00	20.79 -1.43 0.00
WALDEN___HYDRO 24148	22.91 0.91 0.00	21.64 0.80 0.00	19.48 0.75 0.00	19.47 0.77 0.00	22.45 0.90 0.00	24.03 1.14 0.00	28.44 1.66 0.00	29.54 2.05 0.00	27.46 1.66 0.00	24.00 1.30 0.00	23.03 1.32 0.00	19.27 1.11 0.13	16.54 0.97 0.93	19.88 1.07 0.01	21.45 1.20 0.10	24.38 1.38 0.00	24.15 1.67 0.00	26.71 2.14 0.00	25.12 1.87 0.00	26.79 1.96 0.00	31.62 2.06 0.00	31.02 1.88 0.00	28.96 1.70 0.00	23.44 1.22 0.00
WARRENSBURG___ 23737	22.20 0.20 0.00	20.99 0.15 0.00	18.88 0.15 0.00	18.88 0.18 0.00	21.88 0.33 0.00	23.41 0.52 0.00	27.62 0.85 0.00	28.66 1.18 0.00	26.65 0.84 0.00	23.38 0.68 0.00	22.27 0.56 0.00	18.73 0.44 0.00	16.90 0.40 0.00	19.41 0.59 0.00	21.09 0.75 0.00	23.80 0.81 0.00	23.52 1.03 0.00	25.93 1.36 0.00	24.39 1.13 0.00	25.98 1.15 0.00	30.61 1.05 0.00	30.00 0.87 0.00	27.92 0.65 0.00	22.59 0.38 0.00
WATERSIDE___6 8 9 23538	22.83 0.83 0.00	21.56 0.72 0.00	19.44 0.71 0.00	19.43 0.73 0.00	22.37 0.81 0.00	23.96 1.07 0.00	28.41 1.63 0.00	29.57 2.09 0.00	27.52 1.71 0.00	24.15 1.45 0.00	23.27 1.56 0.00	20.16 1.37 -0.50	21.24 1.20 -3.54	20.17 1.33 -0.02	22.20 1.48 -0.38	24.58 1.58 0.00	24.32 1.83 0.00	26.91 2.34 0.00	25.26 2.00 0.00	26.87 2.04 0.00	31.71 2.15 0.00	31.09 1.95 0.00	28.96 1.70 0.00	23.42 1.21 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.92 -0.08 0.00	20.78 -0.06 0.00	18.70 -0.03 0.00	18.69 -0.01 0.00	21.56 0.00 0.00	23.00 0.11 0.00	27.10 0.32 0.00	28.07 0.59 0.00	26.18 0.38 0.00	22.95 0.25 0.00	21.91 0.20 0.00	18.42 0.13 0.00	16.59 0.09 0.00	18.90 0.08 0.00	20.51 0.16 0.00	23.25 0.26 0.00	22.95 0.47 0.00	25.26 0.69 0.00	23.80 0.54 0.00	25.28 0.46 0.00	29.96 0.39 0.00	29.41 0.27 0.00	27.43 0.17 0.00	22.25 0.03 0.00
WATSON___69_KV_BK 1 55734	23.57 1.57 0.00	22.24 1.40 0.00	19.93 1.20 0.00	19.83 1.12 0.00	22.87 1.31 0.00	24.64 1.74 0.00	29.36 2.59 0.00	30.68 3.19 0.00	28.61 2.80 0.00	25.04 2.34 0.00	24.05 2.35 0.00	20.67 1.88 -0.50	21.70 1.68 -3.52	20.62 1.78 -0.02	22.60 1.88 -0.37	25.12 2.12 0.00	25.05 2.56 0.00	27.60 3.03 0.00	25.82 2.57 0.00	27.68 2.85 0.00	32.75 3.19 0.00	32.24 3.10 0.00	29.93 2.66 0.00	24.27 2.05 0.00
WDELAWARE___HYD 323627	23.03 1.03 0.00	21.75 0.91 0.00	19.57 0.84 0.00	19.55 0.85 0.00	22.56 1.00 0.00	24.15 1.25 0.00	28.57 1.79 0.00	29.64 2.16 0.00	27.57 1.77 0.00	24.12 1.42 0.00	23.10 1.39 0.00	19.28 1.11 0.12	16.67 0.99 0.82	19.94 1.13 0.00	21.56 1.30 0.09	24.46 1.47 0.00	24.28 1.80 0.00	26.83 2.27 0.00	25.26 2.01 0.00	26.93 2.11 0.00	31.82 2.26 0.00	31.20 2.07 0.00	29.13 1.87 0.00	23.59 1.38 0.00
WEST BABYLON___IC 23714	23.51 1.51 0.00	22.17 1.33 0.00	19.87 1.14 0.00	19.77 1.07 0.00	22.80 1.24 0.00	24.55 1.66 0.00	29.25 2.47 0.00	30.55 3.07 0.00	28.46 2.65 0.00	24.92 2.22 0.00	23.94 2.24 0.00	20.59 1.81 -0.50	21.63 1.62 -3.52	20.56 1.72 -0.02	22.51 1.79 -0.37	24.99 2.00 0.00	24.91 2.42 0.00	27.43 2.87 0.00	25.66 2.41 0.00	27.51 2.68 0.00	32.55 2.99 0.00	32.09 2.95 0.00	29.83 2.57 0.00	24.17 1.95 0.00
WEST CANADA___HYD 24049	22.01 0.01 0.00	20.85 0.01 0.00	18.75 0.02 0.00	18.73 0.03 0.00	21.59 0.03 0.00	22.96 0.07 0.00	26.89 0.11 0.00	27.78 0.30 0.00	26.00 0.19 0.00	22.84 0.14 0.00	21.86 0.16 0.00	18.41 0.12 0.00	16.60 0.10 0.00	18.92 0.10 0.00	20.49 0.14 0.00	23.17 0.18 0.00	22.74 0.25 0.00	24.91 0.35 0.00	23.52 0.27 0.00	25.01 0.19 0.00	29.72 0.16 0.00	29.28 0.14 0.00	27.37 0.10 0.00	22.28 0.06 0.00
WESTERN_NY_WIND 24143	21.16 -0.84 0.00	20.09 -0.75 0.00	17.97 -0.76 0.00	17.93 -0.77 0.00	20.79 -0.78 0.00	21.88 -1.02 0.00	25.48 -1.30 0.00	25.97 -1.52 0.00	24.36 -1.45 0.00	21.30 -1.40 0.00	20.19 -1.51 0.00	17.03 -1.26 0.00	15.42 -1.08 0.00	17.67 -1.15 0.00	18.98 -1.36 0.00	21.63 -1.36 0.00	21.44 -1.04 0.00	23.37 -1.19 0.00	21.81 -1.45 0.00	23.40 -1.43 0.00	27.94 -1.62 0.00	27.84 -1.29 0.00	25.88 -1.39 0.00	21.25 -0.96 0.00
WESTOVER___LESR 323668	21.99 -0.01 0.00	20.81 -0.03 0.00	18.65 -0.08 0.00	18.65 -0.06 0.00	21.50 -0.06 0.00	22.83 -0.06 0.00	26.76 -0.02 0.00	27.52 0.04 0.00	25.71 -0.09 0.00	22.61 -0.09 0.00	21.61 -0.10 0.00	18.21 -0.08 0.00	16.40 -0.10 0.00	18.70 -0.12 0.00	20.19 -0.15 0.00	22.85 -0.14 0.00	22.57 0.08 0.00	24.76 0.19 0.00	23.34 0.08 0.00	24.89 0.06 0.00	29.48 -0.08 0.00	29.01 -0.13 0.00	27.14 -0.13 0.00	22.13 -0.09 0.00
WETHRSFD_WT_PWR 323626	20.36 -1.64 0.00	19.19 -1.65 0.00	17.03 -1.70 0.00	16.92 -1.78 0.00	19.59 -1.97 0.00	20.54 -2.35 0.00	23.76 -3.01 0.00	24.30 -3.18 0.00	22.75 -3.06 0.00	20.01 -2.69 0.00	19.08 -2.63 0.00	16.11 -2.17 0.00	14.54 -1.96 0.00	16.62 -2.20 0.00	17.71 -2.63 0.00	20.09 -2.91 0.00	19.87 -2.61 0.00	21.55 -3.02 0.00	20.11 -3.14 0.00	21.71 -3.11 0.00	24.64 -3.30 1.63	25.82 -2.75 0.56	24.68 -2.58 0.00	20.31 -1.91 0.00
WHAVSTOR_138KV_BK127 55557	22.76 0.76 0.00	21.51 0.68 0.00	19.38 0.66 0.00	19.37 0.68 0.00	22.33 0.77 0.00	23.91 1.02 0.00	28.30 1.53 0.00	29.38 1.90 0.00	27.33 1.52 0.00	23.97 1.27 0.00	23.04 1.33 0.00	18.71 1.14 0.71	12.48 0.97 4.99	19.85 1.06 0.03	21.01 1.20 0.53	24.27 1.28 0.00	24.01 1.53 0.00	26.56 1.99 0.00	24.96 1.71 0.00	26.58 1.75 0.00	31.37 1.81 0.00	30.77 1.64 0.00	28.73 1.47 0.00	23.26 1.04 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.76 0.76 0.00	21.51 0.68 0.00	19.38 0.66 0.00	19.37 0.68 0.00	22.33 0.77 0.00	23.91 1.02 0.00	28.30 1.53 0.00	29.38 1.90 0.00	27.33 1.52 0.00	23.97 1.27 0.00	23.04 1.33 0.00	18.71 1.14 0.71	12.48 0.97 4.99	19.85 1.06 0.03	21.01 1.20 0.53	24.27 1.28 0.00	24.01 1.53 0.00	26.56 1.99 0.00	24.96 1.71 0.00	26.58 1.75 0.00	31.37 1.81 0.00	30.77 1.64 0.00	28.73 1.47 0.00	23.26 1.04 0.00
WHITEHAL_115KV_TB1 80871	22.37 0.37 0.00	21.17 0.33 0.00	19.07 0.34 0.00	19.08 0.38 0.00	22.31 0.75 0.00	24.03 1.14 0.00	28.55 1.77 0.00	29.70 2.22 0.00	27.42 1.62 0.00	23.87 1.17 0.00	22.66 0.95 0.00	19.06 0.77 0.00	17.23 0.73 0.00	19.66 0.83 0.00	21.47 1.12 0.00	24.41 1.42 0.00	24.37 1.89 0.00	26.85 2.28 0.00	25.18 1.92 0.00	26.83 2.00 0.00	31.21 1.65 0.00	30.33 1.20 0.00	28.16 0.90 0.00	22.77 0.56 0.00



WHITEPLN_13_KV_LOAD 356215	23.03 1.03 0.00	21.76 0.93 0.00	19.60 0.88 0.00	19.59 0.89 0.00	22.57 1.02 0.00	24.18 1.29 0.00	28.65 1.88 0.00	29.79 2.31 0.00	27.73 1.92 0.00	24.33 1.63 0.00	23.39 1.68 0.00	20.26 1.43 -0.54	21.57 1.25 -3.82	20.23 1.39 -0.02	22.31 1.56 -0.41	24.69 1.70 0.00	24.43 1.95 0.00	27.03 2.46 0.00	25.38 2.12 0.00	27.01 2.18 0.00	31.87 2.31 0.00	31.25 2.11 0.00	29.13 1.86 0.00	23.56 1.34 0.00
WM_FLOYD_69_KV_BK2 356380	23.30 1.30 0.00	21.97 1.13 0.00	19.73 1.00 0.00	19.63 0.93 0.00	22.65 1.09 0.00	24.37 1.47 0.00	29.11 2.33 0.00	30.41 2.93 0.00	28.56 2.75 0.00	24.96 2.26 0.00	23.96 2.25 0.00	20.58 1.79 -0.50	21.61 1.59 -3.52	20.36 1.52 -0.02	22.33 1.61 -0.37	24.80 1.81 0.00	24.78 2.29 0.00	27.27 2.70 0.00	25.51 2.25 0.00	27.39 2.56 0.00	32.46 2.89 0.00	31.92 2.78 0.00	29.51 2.25 0.00	24.05 1.83 0.00
WOODARD__115KV_TB2 355635	21.63 -0.36 0.00	20.50 -0.34 0.00	18.41 -0.32 0.00	18.37 -0.33 0.00	21.20 -0.36 0.00	22.47 -0.43 0.00	26.22 -0.56 0.00	26.75 -0.73 0.00	25.06 -0.75 0.00	22.07 -0.63 0.00	21.08 -0.62 0.00	17.77 -0.52 0.00	16.02 -0.48 0.00	18.27 -0.55 0.00	19.76 -0.59 0.00	22.36 -0.63 0.00	21.99 -0.50 0.00	24.10 -0.46 0.00	22.76 -0.49 0.00	24.41 -0.42 0.00	28.93 -0.63 0.00	28.50 -0.63 0.00	26.66 -0.60 0.00	21.83 -0.39 0.00
YORK___WARBASSE 23770	22.89 0.89 0.00	21.61 0.78 0.00	19.50 0.77 0.00	19.49 0.79 0.00	22.43 0.88 0.00	24.04 1.15 0.00	28.52 1.74 0.00	29.67 2.18 0.00	27.59 1.79 0.00	24.19 1.49 0.00	23.32 1.61 0.00	20.19 1.39 -0.50	21.26 1.22 -3.54	20.19 1.34 -0.02	22.24 1.52 -0.38	24.64 1.65 0.00	24.39 1.91 0.00	27.03 2.46 0.00	25.38 2.13 0.00	27.01 2.18 0.00	31.88 2.32 0.00	31.25 2.12 0.00	29.10 1.84 0.00	23.54 1.33 0.00