

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

11/20/2023

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	29.59	29.39	30.48	29.11	28.08	27.79	31.02	29.43	22.46	22.07	23.14	24.04	22.84	26.66	29.89	33.28	36.16	34.05	28.13	28.64	33.95	32.15	30.50	26.79
24138	1.39	1.38	1.31	1.24	1.20	1.23	1.58	1.51	1.17	1.29	1.43	1.50	1.45	1.63	1.83	2.08	1.85	2.23	1.72	1.72	2.02	1.90	1.71	1.27
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	29.55	29.36	30.46	29.10	28.06	27.77	31.00	29.41	22.43	22.03	23.10	23.98	22.79	26.60	29.84	33.22	36.09	34.01	28.10	28.62	33.91	32.12	30.48	26.78
24260	1.35	1.35	1.29	1.23	1.18	1.20	1.57	1.49	1.14	1.24	1.39	1.45	1.40	1.58	1.78	2.02	1.81	2.19	1.68	1.69	1.98	1.86	1.68	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	29.55	29.36	30.46	29.10	28.06	27.77	31.00	29.41	22.43	22.03	23.10	23.98	22.79	26.60	29.84	33.22	36.09	34.01	28.10	28.62	33.91	32.12	30.48	26.78
24261	1.35	1.35	1.29	1.23	1.18	1.20	1.57	1.49	1.14	1.24	1.39	1.45	1.40	1.58	1.78	2.02	1.81	2.19	1.68	1.69	1.98	1.86	1.68	1.26
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	30.09	29.90	31.20	29.84	28.90	28.67	31.82	30.16	22.81	22.10	23.08	23.85	22.60	26.45	29.69	33.00	30.20	33.53	27.84	28.35	33.50	31.72	30.32	26.97
24011	1.89	1.88	2.03	1.97	2.02	2.12	2.38	2.24	1.51	1.32	1.36	1.31	1.21	1.43	1.64	1.80	1.45	1.71	1.43	1.43	1.57	1.46	1.52	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	30.24	30.04	31.38	30.04	29.14	28.93	32.08	30.42	23.00	22.26	23.27	24.04	22.80	26.73	30.02	33.38	30.50	33.83	28.11	28.64	33.76	31.96	30.51	27.17
23798	2.04	2.02	2.22	2.17	2.25	2.36	2.65	2.50	1.70	1.48	1.56	1.50	1.41	1.71	1.97	2.18	1.75	2.01	1.70	1.72	1.84	1.70	1.71	1.66
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.27	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	30.09	29.90	31.20	29.84	28.90	28.67	31.82	30.16	22.81	22.10	23.08	23.85	22.60	26.45	29.69	33.00	30.20	33.53	27.84	28.35	33.50	31.72	30.32	26.97
24028	1.89	1.88	2.03	1.97	2.02	2.12	2.38	2.24	1.51	1.32	1.36	1.31	1.21	1.43	1.64	1.80	1.45	1.71	1.43	1.43	1.57	1.46	1.52	1.45
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	29.84	29.60	30.78	29.44	28.45	28.06	30.92	29.33	22.20	21.52	22.46	23.24	22.12	26.05	29.42	32.84	30.29	33.37	27.74	28.23	33.63	31.98	30.49	27.01
23527	1.64	1.59	1.62	1.57	1.57	1.49	1.49	1.41	0.90	0.74	0.75	0.71	0.73	1.02	1.36	1.64	1.35	1.55	1.33	1.31	1.71	1.72	1.70	1.50
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.46	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	28.48	28.28	29.46	28.16	27.12	26.84	29.70	28.17	21.44	20.88	21.83	22.63	21.51	25.21	28.35	31.55	29.15	32.26	26.75	27.25	32.35	30.67	29.20	25.81
24190	0.28	0.27	0.29	0.29	0.24	0.27	0.27	0.25	0.14	0.10	0.13	0.09	0.12	0.19	0.30	0.35	0.36	0.43	0.34	0.32	0.42	0.41	0.41	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	27.14	27.14	28.12	26.94	26.07	26.02	29.17	27.91	21.64	21.32	22.51	23.49	22.22	25.99	28.92	32.10	28.06	32.41	26.96	27.71	34.17	32.26	30.23	26.69
355683	-1.07	-0.87	-1.04	-0.93	-0.81	-0.54	-0.27	-0.01	0.34	0.54	0.80	0.96	0.83	0.96	0.86	0.90	0.58	0.59	0.55	0.79	2.24	2.01	1.43	1.18
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	28.48	28.28	29.46	28.16	27.12	26.84	29.70	28.17	21.44	20.88	21.83	22.63	21.51	25.21	28.35	31.55	29.15	32.26	26.75	27.25	32.35	30.67	29.20	25.81
23571	0.28	0.27	0.29	0.29	0.24	0.27	0.27	0.25	0.14	0.10	0.13	0.09	0.12	0.19	0.30	0.35	0.36	0.43	0.34	0.32	0.42	0.41	0.41	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___2	28.48	28.28	29.46	28.16	27.12	26.84	29.70	28.17	21.44	20.88	21.83	22.63	21.51	25.21	28.35	31.55	29.15	32.26	26.75	27.25	32.35	30.67	29.20	25.81
23572	0.28	0.27	0.29	0.29	0.24	0.27	0.27	0.25	0.14	0.10	0.13	0.09	0.12	0.19	0.30	0.35	0.36	0.43	0.34	0.32	0.42	0.41	0.41	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___3	28.48	28.28	29.46	28.16	27.12	26.84	29.70	28.17	21.44	20.88	21.83	22.63	21.51	25.21	28.35	31.55	29.15	32.26	26.75	27.25	32.35	30.67	29.20	25.81
23573	0.28	0.27	0.29	0.29	0.24	0.27	0.27	0.25	0.14	0.10	0.13	0.09	0.12	0.19	0.30	0.35	0.36	0.43	0.34	0.32	0.42	0.41	0.41	0.30
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.32	0.00	0.00	0.00	0.00	0.00	0.00	0.00



ALBANY___4 23574	28.48 0.28 0.00	28.28 0.27 0.00	29.46 0.29 0.00	28.16 0.29 0.00	27.12 0.24 0.00	26.84 0.27 0.00	29.70 0.27 0.00	28.17 0.25 0.00	21.44 0.14 0.00	20.88 0.10 0.00	21.83 0.13 0.00	22.63 0.09 0.00	21.51 0.12 0.00	25.21 0.19 0.00	28.35 0.30 0.00	31.55 0.35 0.00	29.15 0.36 -1.32	32.26 0.43 0.00	26.75 0.34 0.00	27.25 0.32 0.00	32.35 0.42 0.00	30.67 0.41 0.00	29.20 0.41 0.00	25.81 0.30 0.00
ALBANY___LFGE 323615	28.78 0.57 0.00	28.58 0.57 0.00	29.76 0.60 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.14 0.57 0.00	30.05 0.61 0.00	28.51 0.59 0.00	21.68 0.38 0.00	21.11 0.33 0.00	22.08 0.37 0.00	22.88 0.35 0.00	21.75 0.36 0.00	25.49 0.46 0.00	28.68 0.63 0.00	31.93 0.73 0.00	29.48 0.69 -1.31	32.64 0.82 0.00	27.07 0.66 0.00	27.57 0.64 0.00	32.72 0.79 0.00	31.02 0.76 0.00	29.52 0.73 0.00	26.09 0.58 0.00
ALCOA_PA_115KV_PL-6C 55860	27.33 -0.88 0.00	27.33 -0.68 0.00	28.32 -0.84 0.00	27.14 -0.73 0.00	26.26 -0.62 0.00	26.22 -0.35 0.00	29.38 -0.05 0.00	28.06 0.14 0.00	21.81 0.51 0.00	21.47 0.69 0.00	22.66 0.95 0.00	23.66 1.12 0.00	22.37 0.98 0.00	26.16 1.13 0.00	29.11 1.06 0.00	32.33 1.13 0.00	28.20 0.72 0.00	32.54 0.72 0.00	27.06 0.65 0.00	27.82 0.89 0.00	34.39 2.46 0.00	32.46 2.20 0.00	30.41 1.61 0.00	26.84 1.33 0.00
ALCOA_RYNLDS___DRP 24188	27.33 -0.88 0.00	27.33 -0.68 0.00	28.32 -0.84 0.00	27.14 -0.73 0.00	26.26 -0.62 0.00	26.22 -0.35 0.00	29.38 -0.05 0.00	28.06 0.14 0.00	21.81 0.51 0.00	21.47 0.69 0.00	22.66 0.95 0.00	23.66 1.12 0.00	22.37 0.98 0.00	26.16 1.13 0.00	29.11 1.06 0.00	32.33 1.13 0.00	28.20 0.72 0.00	32.54 0.72 0.00	27.06 0.65 0.00	27.82 0.89 0.00	34.39 2.46 0.00	32.46 2.20 0.00	30.41 1.61 0.00	26.84 1.33 0.00
ALCOA___DSASP 323711	27.33 -0.88 0.00	27.33 -0.68 0.00	28.32 -0.84 0.00	27.13 -0.74 0.00	26.26 -0.62 0.00	26.22 -0.35 0.00	29.38 -0.05 0.00	28.06 0.14 0.00	21.80 0.51 0.00	21.47 0.69 0.00	22.66 0.95 0.00	23.66 1.12 0.00	22.37 0.98 0.00	26.16 1.13 0.00	29.11 1.06 0.00	32.33 1.13 0.00	28.20 0.72 0.00	32.54 0.72 0.00	27.07 0.65 0.00	27.82 0.89 0.00	34.39 2.46 0.00	32.46 2.20 0.00	30.40 1.61 0.00	26.84 1.33 0.00
ALLEGHENY___COGEN 23514	29.22 1.01 0.00	29.04 1.03 0.00	30.15 0.98 0.00	28.77 0.89 0.00	28.08 1.20 0.00	27.84 1.28 0.00	31.10 1.67 0.00	29.44 1.52 0.00	22.27 0.97 0.00	21.28 0.49 0.00	22.08 0.37 0.00	23.04 0.51 0.00	21.84 0.45 0.00	25.48 0.46 0.00	28.57 0.52 0.00	32.00 0.80 0.00	28.05 0.57 0.00	32.53 0.70 0.00	26.81 0.40 0.00	27.28 0.35 0.00	32.29 0.36 0.00	30.34 0.08 0.00	28.62 -0.18 0.00	25.42 -0.09 0.00
ALTAMONT_115KV_TB 2 55880	28.87 0.66 0.00	28.68 0.66 0.00	29.87 0.70 0.00	28.56 0.68 0.00	27.50 0.62 0.00	27.20 0.64 0.00	30.13 0.69 0.00	28.58 0.66 0.00	21.74 0.45 0.00	21.18 0.40 0.00	22.13 0.43 0.00	22.95 0.41 0.00	21.81 0.42 0.00	25.54 0.52 0.00	28.71 0.66 0.00	31.97 0.77 0.00	29.48 0.71 -1.29	32.68 0.85 0.00	27.11 0.70 0.00	27.62 0.69 0.00	32.76 0.83 0.00	31.05 0.80 0.00	29.55 0.76 0.00	26.12 0.61 0.00
ALTONA_WT_PWR 323606	27.46 -0.74 0.00	27.38 -0.63 0.00	28.39 -0.77 0.00	27.32 -0.55 0.00	26.55 -0.33 0.00	26.58 0.01 0.00	29.82 0.38 0.00	28.47 0.55 0.00	22.08 0.79 0.00	21.69 0.91 0.00	22.99 1.28 0.00	23.97 1.44 0.00	22.69 1.30 0.00	26.54 1.51 0.00	29.45 1.39 0.00	32.83 1.63 0.00	28.78 1.30 0.00	33.27 1.44 0.00	27.74 1.33 0.00	28.56 1.63 0.00	35.12 3.20 0.00	33.14 2.88 0.00	31.13 2.33 0.00	27.47 1.96 0.00
AMERICAN_REF_FUEL 24010	27.20 -1.01 0.00	27.15 -0.86 0.00	28.16 -1.01 0.00	26.71 -1.16 0.00	26.07 -0.81 0.00	25.68 -0.88 0.00	28.41 -1.03 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.26 -0.52 0.00	20.95 -0.76 0.00	21.86 -0.67 0.00	20.69 -0.70 0.00	24.13 -0.89 0.00	26.93 -1.13 0.00	29.46 -1.74 0.00	25.17 -2.31 0.00	28.91 -2.91 0.00	23.74 -2.67 0.00	24.25 -2.67 0.00	29.14 -2.79 0.00	27.62 -2.64 0.00	26.18 -2.61 0.00	23.49 -2.02 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	28.59 0.39 0.00	28.48 0.46 0.00	29.56 0.39 0.00	28.08 0.21 0.00	27.46 0.58 0.00	27.07 0.50 0.00	30.06 0.63 0.00	28.18 0.26 0.00	21.59 0.29 0.00	21.31 0.53 0.00	22.21 0.50 0.00	23.20 0.67 0.00	22.01 0.62 0.00	25.64 0.61 0.00	28.62 0.56 0.00	31.27 0.07 0.00	26.64 -0.83 0.00	30.79 -1.04 0.00	25.05 -1.36 0.00	25.61 -1.32 0.00	30.29 -1.63 0.00	28.63 -1.63 0.00	26.81 -1.99 0.00	23.91 -1.60 0.00
ARTHUR_KILL_GT_1 23520	29.48 1.28 0.00	29.32 1.31 0.00	30.41 1.24 0.00	29.05 1.17 0.00	28.00 1.12 0.00	27.69 1.12 0.00	30.93 1.49 0.00	29.30 1.38 0.00	22.34 1.05 0.00	21.91 1.13 0.00	22.94 1.23 0.00	23.83 1.30 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.65 1.59 0.00	33.04 1.84 0.00	35.94 1.67 -6.79	33.88 2.06 0.00	28.02 1.61 0.00	28.64 1.71 0.00	33.94 2.01 0.00	32.17 1.92 0.00	30.53 1.73 0.00	26.76 1.25 0.00
ARTHUR_KILL_2 23512	29.40 1.19 0.00	29.24 1.22 0.00	30.32 1.16 0.00	28.97 1.10 0.00	27.92 1.04 0.00	27.61 1.04 0.00	30.83 1.39 0.00	29.21 1.29 0.00	22.27 0.98 0.00	21.85 1.07 0.00	22.87 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.34 1.32 0.00	29.57 1.51 0.00	32.95 1.75 0.00	35.85 1.58 -6.79	33.77 1.94 0.00	27.92 1.51 0.00	28.54 1.62 0.00	33.83 1.90 0.00	32.07 1.81 0.00	30.44 1.65 0.00	26.68 1.17 0.00
ARTHUR_KILL_3 23513	29.26 1.06 0.00	29.07 1.05 0.00	30.15 0.99 0.00	28.80 0.92 0.00	27.76 0.88 0.00	27.45 0.89 0.00	30.64 1.20 0.00	29.03 1.11 0.00	22.14 0.84 0.00	21.74 0.95 0.00	22.79 1.08 0.00	23.67 1.14 0.00	22.49 1.10 0.00	26.24 1.21 0.00	29.43 1.37 0.00	32.79 1.59 0.00	31.06 1.41 -2.17	33.57 1.75 0.00	27.73 1.32 0.00	28.26 1.33 0.00	33.51 1.58 0.00	31.76 1.50 0.00	30.15 1.36 0.00	26.48 0.97 0.00
ARTHUR_KILL_COGEN 323718	29.48 1.28 0.00	29.32 1.31 0.00	30.41 1.24 0.00	29.05 1.17 0.00	28.00 1.12 0.00	27.69 1.12 0.00	30.93 1.49 0.00	29.30 1.38 0.00	22.34 1.05 0.00	21.91 1.13 0.00	22.94 1.23 0.00	23.83 1.30 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.65 1.59 0.00	33.04 1.84 0.00	35.94 1.67 -6.79	33.88 2.06 0.00	28.02 1.61 0.00	28.64 1.71 0.00	33.94 2.01 0.00	32.17 1.92 0.00	30.53 1.73 0.00	26.76 1.25 0.00
ASHOKAN____ 23654	29.75 1.55 0.00	29.52 1.50 0.00	30.78 1.61 0.00	29.43 1.55 0.00	28.34 1.46 0.00	28.18 1.61 0.00	31.30 1.87 0.00	29.78 1.86 0.00	22.56 1.27 0.00	21.80 1.01 0.00	22.63 0.92 0.00	23.41 0.87 0.00	22.25 0.86 0.00	26.07 1.05 0.00	29.40 1.34 0.00	33.01 1.81 0.00	29.45 1.97 0.00	34.25 2.43 0.00	28.42 2.01 0.00	28.91 1.98 0.00	34.20 2.27 0.00	32.33 2.07 0.00	30.65 1.85 0.00	27.05 1.54 0.00



ASTORIA_EAST_ENERGY_CC1 323581	29.43 1.23 0.00	29.33 1.32 0.00	30.42 1.25 0.00	29.07 1.19 0.00	28.03 1.15 0.00	27.68 1.12 0.00	30.83 1.39 0.00	29.20 1.28 0.00	22.27 0.97 0.00	21.82 1.04 0.00	22.86 1.16 0.00	23.74 1.20 0.00	22.56 1.17 0.00	26.33 1.30 0.00	29.55 1.49 0.00	32.89 1.70 0.00	35.81 1.54 -6.79	33.69 1.86 0.00	27.82 1.40 0.00	28.41 1.49 0.00	33.68 1.76 0.00	31.87 1.61 0.00	30.28 1.49 0.00	26.60 1.09 0.00
ASTORIA_EAST_ENERGY_CC2 323582	29.43 1.23 0.00	29.33 1.32 0.00	30.42 1.25 0.00	29.07 1.19 0.00	28.03 1.15 0.00	27.68 1.12 0.00	30.83 1.39 0.00	29.20 1.28 0.00	22.27 0.97 0.00	21.82 1.04 0.00	22.86 1.16 0.00	23.74 1.20 0.00	22.56 1.17 0.00	26.33 1.30 0.00	29.55 1.49 0.00	32.89 1.70 0.00	35.81 1.54 -6.79	33.69 1.86 0.00	27.82 1.40 0.00	28.41 1.49 0.00	33.68 1.76 0.00	31.87 1.61 0.00	30.28 1.49 0.00	26.59 1.08 0.00
ASTORIA_GT2_1 24094	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.62 1.11 0.00
ASTORIA_GT2_2 24095	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.62 1.11 0.00
ASTORIA_GT2_3 24096	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.62 1.11 0.00
ASTORIA_GT2_4 24097	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.62 1.11 0.00
ASTORIA_GT3_1 24098	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT3_2 24099	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT3_3 24100	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT3_4 24101	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT4_1 24102	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT4_2 24103	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT4_3 24104	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT4_4 24105	29.44 1.23 0.00	29.35 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.03 1.15 0.00	27.69 1.13 0.00	30.85 1.41 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.72 0.00	35.82 1.55 -6.79	33.71 1.89 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.88 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA_GT_1 23523	29.49 1.29 0.00	29.39 1.38 0.00	30.48 1.31 0.00	29.13 1.26 0.00	28.08 1.20 0.00	27.75 1.18 0.00	30.91 1.47 0.00	29.28 1.36 0.00	22.33 1.03 0.00	21.88 1.10 0.00	22.93 1.22 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.63 1.58 0.00	32.99 1.79 0.00	35.89 1.62 -6.79	33.78 1.96 0.00	27.90 1.48 0.00	28.49 1.56 0.00	33.77 1.85 0.00	31.95 1.69 0.00	30.35 1.56 0.00	26.66 1.15 0.00



ASTORIA_GT_10 24110	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.42 0.00	29.27 1.35 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.42 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.32 1.53 0.00	26.64 1.13 0.00
ASTORIA_GT_11 24225	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.42 0.00	29.27 1.35 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.42 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.32 1.53 0.00	26.64 1.13 0.00
ASTORIA_GT_12 24226	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.42 0.00	29.27 1.35 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.42 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.32 1.53 0.00	26.64 1.13 0.00
ASTORIA_GT_13 24227	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.42 0.00	29.27 1.35 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.42 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.32 1.53 0.00	26.64 1.13 0.00
ASTORIA_GT_5 24106	29.49 1.29 0.00	29.39 1.38 0.00	30.48 1.31 0.00	29.13 1.26 0.00	28.08 1.20 0.00	27.75 1.18 0.00	30.91 1.47 0.00	29.28 1.36 0.00	22.33 1.03 0.00	21.88 1.10 0.00	22.93 1.22 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.63 1.58 0.00	32.99 1.79 0.00	35.89 1.62 -6.79	33.78 1.96 0.00	27.90 1.48 0.00	28.49 1.56 0.00	33.77 1.85 0.00	31.95 1.69 0.00	30.35 1.56 0.00	26.66 1.15 0.00
ASTORIA_GT_7 24107	29.49 1.29 0.00	29.39 1.38 0.00	30.48 1.31 0.00	29.13 1.26 0.00	28.08 1.20 0.00	27.75 1.18 0.00	30.91 1.47 0.00	29.28 1.36 0.00	22.33 1.03 0.00	21.88 1.10 0.00	22.93 1.22 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.63 1.58 0.00	32.99 1.79 0.00	35.89 1.62 -6.79	33.78 1.96 0.00	27.90 1.48 0.00	28.49 1.56 0.00	33.77 1.85 0.00	31.95 1.69 0.00	30.35 1.56 0.00	26.66 1.15 0.00
ASTORIA_GT_8 24108	29.49 1.29 0.00	29.39 1.38 0.00	30.48 1.31 0.00	29.13 1.26 0.00	28.08 1.20 0.00	27.75 1.18 0.00	30.91 1.47 0.00	29.29 1.37 0.00	22.33 1.03 0.00	21.88 1.10 0.00	22.93 1.22 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.64 1.58 0.00	32.99 1.79 0.00	35.89 1.62 -6.79	33.78 1.96 0.00	27.90 1.48 0.00	28.49 1.57 0.00	33.77 1.85 0.00	31.95 1.69 0.00	30.35 1.56 0.00	26.66 1.15 0.00
ASTORIA___2 24149	29.44 1.23 0.00	29.34 1.33 0.00	30.43 1.27 0.00	29.08 1.21 0.00	28.04 1.16 0.00	27.70 1.13 0.00	30.85 1.41 0.00	29.22 1.30 0.00	22.28 0.99 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.76 1.22 0.00	22.57 1.18 0.00	26.35 1.32 0.00	29.57 1.51 0.00	32.91 1.71 0.00	35.82 1.55 -6.79	33.70 1.88 0.00	27.83 1.42 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.89 1.63 0.00	30.29 1.50 0.00	26.61 1.10 0.00
ASTORIA___3 23516	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.41 0.00	29.26 1.34 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.64 1.13 0.00
ASTORIA___4 23517	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.42 0.00	29.27 1.35 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.42 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.32 1.53 0.00	26.64 1.13 0.00
ASTORIA___5 23518	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.41 0.00	29.26 1.34 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.64 1.13 0.00
AST_ENERGY_2_CC3 323677	29.27 1.07 0.00	29.08 1.07 0.00	30.17 1.01 0.00	28.82 0.95 0.00	27.78 0.89 0.00	27.48 0.92 0.00	30.64 1.20 0.00	29.05 1.13 0.00	22.16 0.86 0.00	21.77 0.98 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.52 1.13 0.00	26.29 1.26 0.00	29.48 1.42 0.00	32.82 1.62 0.00	35.75 1.46 -6.81	33.60 1.78 0.00	27.76 1.35 0.00	28.29 1.37 0.00	33.55 1.63 0.00	31.81 1.55 0.00	30.22 1.42 0.00	26.55 1.04 0.00
AST_ENERGY_2_CC4 323678	29.27 1.07 0.00	29.08 1.07 0.00	30.17 1.01 0.00	28.82 0.95 0.00	27.78 0.89 0.00	27.48 0.92 0.00	30.64 1.20 0.00	29.05 1.13 0.00	22.16 0.86 0.00	21.77 0.98 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.52 1.13 0.00	26.29 1.26 0.00	29.48 1.42 0.00	32.82 1.62 0.00	35.75 1.46 -6.81	33.60 1.78 0.00	27.76 1.35 0.00	28.29 1.37 0.00	33.55 1.63 0.00	31.81 1.55 0.00	30.22 1.42 0.00	26.55 1.04 0.00
ATHENS_STG_1 23668	28.87 0.67 0.00	28.68 0.67 0.00	29.88 0.71 0.00	28.55 0.68 0.00	27.48 0.60 0.00	27.19 0.63 0.00	30.12 0.69 0.00	28.56 0.64 0.00	21.76 0.46 0.00	21.25 0.46 0.00	22.23 0.52 0.00	23.06 0.52 0.00	21.91 0.52 0.00	25.64 0.61 0.00	28.80 0.74 0.00	32.03 0.83 0.00	29.84 0.76 -1.61	32.74 0.91 0.00	27.13 0.72 0.00	27.64 0.72 0.00	32.78 0.85 0.00	31.08 0.83 0.00	29.57 0.78 0.00	26.10 0.58 0.00
ATHENS_STG_2 23670	28.87 0.67 0.00	28.68 0.67 0.00	29.88 0.71 0.00	28.55 0.68 0.00	27.48 0.60 0.00	27.19 0.63 0.00	30.12 0.69 0.00	28.56 0.64 0.00	21.76 0.46 0.00	21.25 0.46 0.00	22.23 0.52 0.00	23.06 0.52 0.00	21.91 0.52 0.00	25.64 0.61 0.00	28.80 0.74 0.00	32.03 0.83 0.00	29.84 0.76 -1.61	32.74 0.91 0.00	27.13 0.72 0.00	27.64 0.72 0.00	32.78 0.85 0.00	31.08 0.83 0.00	29.57 0.78 0.00	26.10 0.58 0.00



ATHENS_STG_3 23677	28.87 0.67 0.00	28.68 0.67 0.00	29.88 0.71 0.00	28.55 0.68 0.00	27.48 0.60 0.00	27.19 0.63 0.00	30.12 0.69 0.00	28.56 0.64 0.00	21.76 0.46 0.00	21.25 0.46 0.00	22.23 0.52 0.00	23.06 0.52 0.00	21.91 0.52 0.00	25.64 0.61 0.00	28.80 0.74 0.00	32.03 0.83 0.00	29.84 0.76 -1.61	32.74 0.91 0.00	27.13 0.72 0.00	27.64 0.72 0.00	32.78 0.85 0.00	31.08 0.83 0.00	29.57 0.78 0.00	26.10 0.58 0.00
AUBURN____LFGE 323710	28.48 0.27 0.00	28.35 0.34 0.00	29.57 0.41 0.00	28.20 0.33 0.00	27.30 0.42 0.00	26.88 0.31 0.00	29.91 0.47 0.00	28.26 0.34 0.00	21.61 0.31 0.00	21.07 0.29 0.00	21.93 0.22 0.00	22.78 0.25 0.00	21.58 0.19 0.00	25.24 0.21 0.00	28.24 0.19 0.00	31.49 0.29 0.00	27.62 0.14 0.00	32.12 0.29 0.00	26.61 0.19 0.00	27.14 0.21 0.00	32.02 0.09 0.00	30.25 -0.01 0.00	28.79 -0.01 0.00	25.51 0.00 0.00
BABYLON_RES_REC 323704	29.56 1.36 0.00	29.52 1.51 0.00	30.50 1.34 0.00	29.09 1.22 0.00	28.06 1.18 0.00	36.29 1.28 -8.45	40.15 1.60 -9.11	35.13 1.61 -5.59	28.12 1.15 -5.67	22.70 1.29 -0.63	23.19 1.48 0.00	24.00 1.47 0.00	22.80 1.41 0.00	26.78 1.75 0.00	30.21 2.15 0.00	33.63 2.43 0.00	46.97 2.43 -17.06	37.48 2.67 -2.99	29.70 1.99 -1.30	29.26 2.02 -0.31	34.75 2.54 -0.28	32.88 2.22 -0.40	31.92 2.23 -0.90	27.42 1.77 -0.14
BABYLON__69_KV_BK2 356345	29.89 1.69 0.00	29.86 1.85 0.00	30.85 1.68 0.00	29.43 1.55 0.00	28.40 1.52 0.00	54.53 1.58 -26.39	59.89 2.00 -28.45	47.41 2.02 -17.47	40.36 1.37 -17.69	24.22 1.47 -1.97	23.42 1.71 0.00	24.24 1.71 0.00	23.02 1.63 0.00	27.05 2.03 0.00	30.53 2.47 0.00	34.03 2.83 0.00	51.29 2.84 -20.97	44.24 3.09 -9.33	32.76 2.31 -4.05	30.32 2.42 -0.98	35.74 2.95 -0.87	34.07 2.56 -1.25	34.14 2.54 -2.81	27.99 2.06 -0.43
BALL_HILL_WT_PWR 323825	28.22 0.01 0.00	28.10 0.08 0.00	29.19 0.03 0.00	27.72 -0.15 0.00	27.09 0.21 0.00	26.68 0.12 0.00	29.59 0.16 0.00	27.86 -0.06 0.00	21.34 0.04 0.00	21.01 0.22 0.00	21.88 0.17 0.00	22.84 0.31 0.00	21.64 0.25 0.00	25.21 0.18 0.00	28.18 0.13 0.00	30.91 -0.29 0.00	26.39 -1.09 0.00	30.43 -1.40 0.00	24.89 -1.52 0.00	25.45 -1.47 0.00	30.27 -1.66 0.00	28.65 -1.61 0.00	27.04 -1.75 0.00	24.15 -1.37 0.00
BARON_WINDS____WT_PWR 323822	28.13 -0.07 0.00	28.00 -0.01 0.00	29.12 -0.04 0.00	27.78 -0.09 0.00	27.16 0.28 0.00	26.79 0.23 0.00	29.77 0.34 0.00	28.10 0.18 0.00	21.38 0.09 0.00	20.97 0.18 0.00	21.93 0.22 0.00	22.86 0.33 0.00	21.65 0.26 0.00	25.21 0.18 0.00	28.32 0.27 0.00	31.31 0.11 0.00	26.86 -0.61 0.00	30.99 -0.84 0.00	25.43 -0.99 0.00	25.94 -0.99 0.00	30.55 -1.38 0.00	28.75 -1.51 0.00	27.19 -1.61 0.00	24.06 -1.45 0.00
BARRETT_IC_1 23704	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_10 23701	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_11 23702	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_12 23703	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_2 23705	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_3 23706	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_4 23707	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_5 23708	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_6 23709	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01



BARRETT_IC_7 23710	29.38 1.18 0.00	29.29 1.27 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.65 1.21 0.00	29.14 1.22 0.00	22.20 0.91 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.54 -24.05	44.92 1.85 -15.02	33.22 2.02 0.00	45.76 2.04 -16.24	34.01 2.19 0.00	28.06 1.65 0.00	28.57 1.64 0.00	34.00 2.07 0.00	32.09 1.83 0.00	30.64 1.84 0.00	26.98 1.46 -0.01
BARRETT_IC_8 23711	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT_IC_9 23700	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT___1 23545	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BARRETT___2 23546	29.38 1.18 0.00	29.29 1.28 0.00	30.30 1.13 0.00	28.88 1.01 0.00	27.84 0.96 0.00	27.61 1.04 0.00	30.64 1.21 0.00	29.10 1.18 0.00	22.19 0.90 0.00	21.86 1.08 0.00	23.03 1.32 0.00	23.90 1.36 0.00	52.29 1.30 -29.61	50.62 1.55 -24.05	44.91 1.84 -15.02	33.22 2.02 0.00	45.69 1.98 -16.24	34.02 2.19 0.00	28.06 1.65 0.00	28.57 1.65 0.00	34.01 2.08 0.00	32.10 1.84 0.00	30.64 1.85 0.00	26.99 1.47 -0.01
BATAVIA___115KV_TB1 55881	28.41 0.20 0.00	28.31 0.30 0.00	29.39 0.22 0.00	27.93 0.05 0.00	27.23 0.35 0.00	26.93 0.36 0.00	29.96 0.53 0.00	28.30 0.39 0.00	21.67 0.37 0.00	21.21 0.42 0.00	21.87 0.16 0.00	22.79 0.26 0.00	21.58 0.18 0.00	25.15 0.12 0.00	28.17 0.11 0.00	31.09 -0.11 0.00	26.87 -0.61 0.00	31.01 -0.82 0.00	25.50 -0.91 0.00	26.03 -0.89 0.00	31.11 -0.82 0.00	29.39 -0.87 0.00	27.79 -1.00 0.00	24.83 -0.68 0.00
BAYONEEC___CTG1 323682	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG10 323750	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG2 323683	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG3 323684	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG4 323685	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG5 323686	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG6 323687	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG7 323688	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BAYONEEC___CTG8 323689	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00



BAYONEEC___CTG9 323749	29.36 1.15 0.00	29.16 1.14 0.00	30.25 1.08 0.00	28.89 1.02 0.00	27.85 0.97 0.00	27.55 0.99 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.24 0.94 0.00	21.83 1.05 0.00	22.88 1.17 0.00	23.78 1.24 0.00	22.58 1.19 0.00	26.36 1.34 0.00	29.57 1.51 0.00	32.93 1.73 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.44 0.00	28.38 1.45 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.25 1.46 0.00	26.58 1.07 0.00
BEACON___LESR 323632	28.99 0.78 0.00	28.82 0.80 0.00	29.97 0.80 0.00	28.63 0.76 0.00	27.65 0.77 0.00	27.37 0.81 0.00	30.40 0.96 0.00	28.83 0.91 0.00	21.83 0.53 0.00	21.25 0.47 0.00	22.24 0.53 0.00	23.01 0.48 0.00	21.89 0.50 0.00	25.65 0.62 0.00	28.94 0.88 0.00	32.23 1.03 0.00	29.73 0.94 -1.32	32.98 1.16 0.00	27.37 0.96 0.00	27.90 0.97 0.00	33.11 1.18 0.00	31.35 1.09 0.00	29.80 1.01 0.00	26.28 0.77 0.00
BEAVER RIVER___HYD 24048	27.92 -0.28 0.00	27.62 -0.39 0.00	28.87 -0.30 0.00	27.76 -0.12 0.00	26.86 -0.02 0.00	26.71 0.14 0.00	29.89 0.45 0.00	28.57 0.65 0.00	21.92 0.62 0.00	21.24 0.46 0.00	22.14 0.43 0.00	22.96 0.42 0.00	21.72 0.33 0.00	25.39 0.37 0.00	28.46 0.41 0.00	31.99 0.79 0.00	28.50 1.02 0.00	32.95 1.12 0.00	27.33 0.92 0.00	27.86 0.94 0.00	33.59 1.67 0.00	31.63 1.37 0.00	29.69 0.90 0.00	26.14 0.63 0.00
BEEBEE_GT_13 23619	28.13 -0.08 0.00	28.01 -0.01 0.00	29.10 -0.07 0.00	27.70 -0.17 0.00	26.92 0.04 0.00	26.56 0.00 0.00	29.51 0.07 0.00	27.92 0.00 0.00	21.37 0.08 0.00	20.94 0.15 0.00	21.71 0.00 0.00	22.61 0.07 0.00	21.43 0.04 0.00	25.03 0.01 0.00	28.00 -0.05 0.00	30.95 -0.24 0.00	26.88 -0.59 0.00	31.01 -0.81 0.00	25.59 -0.82 0.00	26.09 -0.84 0.00	31.03 -0.90 0.00	29.36 -0.90 0.00	27.84 -0.95 0.00	24.82 -0.68 0.00
BENSHRST_27_KV_BENSHRST_1 355998	29.61 1.41 0.00	29.47 1.46 0.00	30.56 1.39 0.00	29.18 1.31 0.00	28.14 1.26 0.00	27.84 1.28 0.00	31.11 1.67 0.00	29.51 1.59 0.00	22.50 1.20 0.00	22.08 1.30 0.00	23.13 1.42 0.00	24.03 1.50 0.00	22.83 1.44 0.00	26.65 1.62 0.00	29.90 1.84 0.00	33.29 2.10 0.00	36.15 1.88 -6.79	34.11 2.29 0.00	28.19 1.78 0.00	28.77 1.84 0.00	34.10 2.17 0.00	32.30 2.05 0.00	30.64 1.85 0.00	26.88 1.37 0.00
BETHLEHEM___GRP 23843	28.48 0.28 0.00	28.28 0.27 0.00	29.46 0.29 0.00	28.16 0.29 0.00	27.12 0.24 0.00	26.84 0.27 0.00	29.70 0.27 0.00	28.17 0.25 0.00	21.44 0.14 0.00	20.88 0.10 0.00	21.83 0.13 0.00	22.63 0.09 0.00	21.51 0.12 0.00	25.21 0.19 0.00	28.35 0.30 0.00	31.55 0.35 0.00	29.15 0.36 -1.32	32.26 0.43 0.00	26.75 0.34 0.00	27.25 0.32 0.00	32.35 0.42 0.00	30.67 0.41 0.00	29.20 0.41 0.00	25.81 0.30 0.00
BETHLEHEM___GS1 323560	28.48 0.28 0.00	28.28 0.27 0.00	29.46 0.29 0.00	28.16 0.29 0.00	27.13 0.24 0.00	26.84 0.27 0.00	29.70 0.27 0.00	28.17 0.25 0.00	21.44 0.14 0.00	20.88 0.10 0.00	21.83 0.13 0.00	22.63 0.09 0.00	21.51 0.12 0.00	25.21 0.19 0.00	28.35 0.30 0.00	31.55 0.35 0.00	29.14 0.35 -1.32	32.26 0.43 0.00	26.76 0.34 0.00	27.25 0.32 0.00	32.35 0.42 0.00	30.67 0.41 0.00	29.20 0.41 0.00	25.81 0.30 0.00
BETHLEHEM___GS2 323561	28.48 0.28 0.00	28.28 0.27 0.00	29.46 0.29 0.00	28.16 0.29 0.00	27.13 0.24 0.00	26.84 0.27 0.00	29.70 0.27 0.00	28.17 0.25 0.00	21.44 0.14 0.00	20.88 0.10 0.00	21.83 0.13 0.00	22.63 0.09 0.00	21.51 0.12 0.00	25.21 0.19 0.00	28.35 0.30 0.00	31.55 0.35 0.00	29.14 0.35 -1.32	32.26 0.43 0.00	26.76 0.34 0.00	27.25 0.32 0.00	32.35 0.42 0.00	30.67 0.41 0.00	29.20 0.41 0.00	25.81 0.30 0.00
BETHLEHEM___GS3 323562	28.48 0.28 0.00	28.28 0.27 0.00	29.46 0.29 0.00	28.16 0.29 0.00	27.13 0.24 0.00	26.84 0.27 0.00	29.70 0.27 0.00	28.17 0.25 0.00	21.44 0.14 0.00	20.88 0.10 0.00	21.83 0.13 0.00	22.63 0.09 0.00	21.51 0.12 0.00	25.21 0.19 0.00	28.35 0.30 0.00	31.55 0.35 0.00	29.14 0.35 -1.32	32.26 0.43 0.00	26.76 0.34 0.00	27.25 0.32 0.00	32.35 0.42 0.00	30.67 0.41 0.00	29.20 0.41 0.00	25.81 0.30 0.00
BETHLEHEM___STEEL 23779	28.06 -0.14 0.00	27.96 -0.05 0.00	29.04 -0.13 0.00	27.58 -0.30 0.00	26.92 0.04 0.00	26.53 -0.03 0.00	29.43 -0.01 0.00	27.73 -0.19 0.00	21.28 -0.01 0.00	20.94 0.15 0.00	21.76 0.05 0.00	22.70 0.17 0.00	21.50 0.11 0.00	25.05 0.02 0.00	27.99 -0.06 0.00	30.69 -0.50 0.00	26.25 -1.23 0.00	30.21 -1.61 0.00	24.77 -1.64 0.00	25.31 -1.61 0.00	30.21 -1.71 0.00	28.58 -1.68 0.00	27.04 -1.75 0.00	24.17 -1.34 0.00
BETHLHEM_115KV_TB1 79974	28.55 0.35 0.00	28.36 0.35 0.00	29.54 0.37 0.00	28.24 0.37 0.00	27.20 0.32 0.00	26.90 0.34 0.00	29.78 0.35 0.00	28.23 0.32 0.00	21.50 0.20 0.00	20.94 0.16 0.00	21.90 0.19 0.00	22.69 0.16 0.00	21.58 0.18 0.00	25.28 0.25 0.00	28.43 0.37 0.00	31.64 0.44 0.00	29.22 0.43 -1.31	32.35 0.52 0.00	26.83 0.42 0.00	27.32 0.40 0.00	32.43 0.50 0.00	30.75 0.49 0.00	29.28 0.49 0.00	25.87 0.37 0.00
BETHPAGE_CC_5 323564	29.47 1.27 0.00	29.41 1.40 0.00	30.40 1.23 0.00	29.00 1.13 0.00	27.97 1.09 0.00	27.75 1.18 0.00	30.92 1.48 0.00	29.39 1.47 0.00	22.38 1.08 0.00	22.02 1.23 0.00	23.12 1.41 0.00	23.96 1.43 0.00	23.78 1.38 -1.01	27.54 1.69 -0.82	30.63 2.06 -0.51	33.48 2.28 0.00	44.61 2.20 -14.93	34.24 2.42 0.00	28.23 1.82 0.00	28.75 1.82 0.00	34.22 2.30 0.00	32.29 2.03 0.00	30.86 2.07 0.00	27.14 1.63 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	28.15 -0.05 0.00	28.05 0.03 0.00	29.13 -0.04 0.00	27.66 -0.21 0.00	27.00 0.12 0.00	26.62 0.06 0.00	29.54 0.11 0.00	27.84 -0.08 0.00	21.37 0.07 0.00	21.01 0.23 0.00	21.84 0.13 0.00	22.79 0.25 0.00	21.58 0.19 0.00	25.15 0.12 0.00	28.11 0.05 0.00	30.83 -0.37 0.00	26.38 -1.10 0.00	30.36 -1.46 0.00	24.89 -1.52 0.00	25.44 -1.49 0.00	30.35 -1.58 0.00	28.70 -1.56 0.00	27.16 -1.63 0.00	24.27 -1.24 0.00
BINGHAMTON___COGEN 23790	28.62 0.41 0.00	28.41 0.40 0.00	29.61 0.44 0.00	28.26 0.39 0.00	27.30 0.42 0.00	27.00 0.43 0.00	29.94 0.50 0.00	28.37 0.45 0.00	21.61 0.31 0.00	21.08 0.30 0.00	22.02 0.31 0.00	22.87 0.34 0.00	21.70 0.31 0.00	25.36 0.34 0.00	28.45 0.40 0.00	31.66 0.46 0.00	27.79 0.32 0.00	32.21 0.38 0.00	26.65 0.24 0.00	27.20 0.28 0.00	32.18 0.25 0.00	30.47 0.21 0.00	28.96 0.17 0.00	25.64 0.13 0.00
BIXINCNT_115KV_LOAD 355685	28.72 0.52 0.00	28.60 0.58 0.00	29.71 0.55 0.00	28.28 0.41 0.00	27.59 0.71 0.00	27.24 0.68 0.00	30.24 0.80 0.00	28.53 0.61 0.00	21.82 0.52 0.00	21.43 0.64 0.00	22.35 0.64 0.00	23.32 0.79 0.00	22.10 0.71 0.00	25.75 0.73 0.00	28.79 0.73 0.00	31.59 0.40 0.00	27.03 -0.45 0.00	31.03 -0.80 0.00	25.32 -1.09 0.00	25.84 -1.09 0.00	30.65 -1.27 0.00	28.99 -1.27 0.00	27.46 -1.34 0.00	24.47 -1.04 0.00



BLACK RIVER___HYD 24047	28.22 0.01 0.00	27.85 -0.16 0.00	29.15 -0.02 0.00	28.04 0.17 0.00	27.15 0.27 0.00	26.95 0.38 0.00	30.21 0.78 0.00	28.79 0.87 0.00	21.89 0.59 0.00	21.05 0.27 0.00	21.81 0.10 0.00	22.60 0.06 0.00	21.37 -0.02 0.00	24.96 -0.07 0.00	28.00 -0.06 0.00	31.66 0.46 0.00	28.54 1.06 0.00	33.15 1.33 0.00	27.48 1.07 0.00	27.99 1.06 0.00	33.42 1.49 0.00	31.39 1.13 0.00	29.52 0.72 0.00	26.00 0.49 0.00
BLACKRVR_115KV_TB2 79977	28.22 0.01 0.00	27.85 -0.16 0.00	29.15 -0.02 0.00	28.04 0.17 0.00	27.15 0.27 0.00	26.95 0.38 0.00	30.21 0.78 0.00	28.79 0.87 0.00	21.89 0.59 0.00	21.05 0.27 0.00	21.81 0.10 0.00	22.60 0.06 0.00	21.37 -0.02 0.00	24.96 -0.07 0.00	28.00 -0.06 0.00	31.66 0.46 0.00	28.54 1.06 0.00	33.15 1.33 0.00	27.48 1.07 0.00	27.99 1.06 0.00	33.42 1.49 0.00	31.39 1.13 0.00	29.52 0.72 0.00	26.00 0.49 0.00
BLISS_WT_PWR 323608	28.75 0.55 0.00	28.62 0.61 0.00	29.76 0.59 0.00	28.32 0.45 0.00	27.62 0.74 0.00	27.28 0.71 0.00	30.29 0.85 0.00	28.57 0.65 0.00	21.86 0.55 0.00	21.46 0.68 0.00	22.39 0.68 0.00	23.37 0.83 0.00	22.14 0.75 0.00	25.80 0.77 0.00	28.84 0.78 0.00	31.62 0.43 0.00	27.05 -0.42 0.00	31.02 -0.81 0.00	25.29 -1.13 0.00	25.78 -1.14 0.00	30.56 -1.37 0.00	28.88 -1.38 0.00	27.35 -1.44 0.00	24.38 -1.13 0.00
BLUESTONE___WT_PWR 323821	29.73 1.53 0.00	29.44 1.43 0.00	30.88 1.71 0.00	29.51 1.64 0.00	28.51 1.64 0.00	28.35 1.79 0.00	31.59 2.16 0.00	30.04 2.12 0.00	22.77 1.47 0.00	22.10 1.31 0.00	23.00 1.29 0.00	23.86 1.33 0.00	22.62 1.23 0.00	26.47 1.44 0.00	29.74 1.69 0.00	33.40 2.21 0.00	29.62 2.14 0.00	34.43 2.61 0.00	28.49 2.08 0.00	29.05 2.13 0.00	34.31 2.38 0.00	32.36 2.10 0.00	30.56 1.77 0.00	26.86 1.36 0.00
BLUE_CIRC_CHEM_DRP 24182	28.78 0.58 0.00	28.60 0.58 0.00	29.78 0.62 0.00	28.47 0.60 0.00	27.41 0.53 0.00	27.12 0.55 0.00	30.01 0.58 0.00	28.46 0.54 0.00	21.66 0.36 0.00	21.11 0.33 0.00	22.07 0.36 0.00	22.89 0.35 0.00	21.75 0.36 0.00	25.48 0.45 0.00	28.64 0.58 0.00	31.87 0.67 0.00	29.40 0.63 -1.29	32.58 0.75 0.00	27.01 0.60 0.00	27.51 0.59 0.00	32.65 0.72 0.00	30.96 0.70 0.00	29.47 0.68 0.00	26.04 0.54 0.00
BOC_GAS_DRP 24189	28.75 0.55 0.00	28.55 0.54 0.00	29.74 0.58 0.00	28.43 0.56 0.00	27.37 0.49 0.00	27.07 0.51 0.00	29.96 0.52 0.00	28.41 0.50 0.00	21.64 0.34 0.00	21.09 0.31 0.00	22.06 0.35 0.00	22.87 0.34 0.00	21.74 0.35 0.00	25.47 0.44 0.00	28.61 0.55 0.00	31.83 0.64 0.00	29.36 0.58 -1.29	32.52 0.70 0.00	26.97 0.56 0.00	27.48 0.56 0.00	32.61 0.68 0.00	30.92 0.66 0.00	29.43 0.64 0.00	26.00 0.49 0.00
BOONVILLE_115KV_TB1 79983	28.57 0.36 0.00	28.32 0.31 0.00	29.54 0.37 0.00	28.32 0.45 0.00	27.38 0.50 0.00	27.16 0.60 0.00	30.31 0.87 0.00	28.84 0.92 0.00	22.01 0.72 0.00	21.37 0.59 0.00	22.27 0.56 0.00	23.09 0.55 0.00	21.87 0.48 0.00	25.58 0.55 0.00	28.73 0.67 0.00	32.17 0.97 0.00	28.56 1.08 0.00	33.06 1.24 0.00	27.42 1.01 0.00	27.95 1.03 0.00	33.35 1.42 0.00	31.47 1.22 0.00	29.74 0.95 0.00	26.21 0.70 0.00
BORALEX_4TH_BRANCH 23824	29.84 1.64 0.00	29.60 1.59 0.00	30.78 1.62 0.00	29.44 1.57 0.00	28.45 1.57 0.00	28.06 1.49 0.00	30.93 1.49 0.00	29.33 1.41 0.00	22.20 0.90 0.00	21.52 0.74 0.00	22.46 0.75 0.00	23.24 0.71 0.00	22.12 0.73 0.00	26.05 1.02 0.00	29.42 1.36 0.00	32.84 1.64 0.00	30.29 1.35 -1.46	33.37 1.55 0.00	27.74 1.33 0.00	28.23 1.31 0.00	33.64 1.71 0.00	31.98 1.72 0.00	30.49 1.70 0.00	27.01 1.50 0.00
BOWLINE___1 23526	29.31 1.11 0.00	29.14 1.13 0.00	30.25 1.08 0.00	28.90 1.03 0.00	27.86 0.98 0.00	27.57 1.01 0.00	30.68 1.24 0.00	29.03 1.11 0.00	22.07 0.77 0.00	21.67 0.88 0.00	22.76 1.04 0.00	23.63 1.10 0.00	22.46 1.07 0.00	26.23 1.21 0.00	29.42 1.37 0.00	32.68 1.48 0.00	10.08 1.27 18.67	33.38 1.55 0.00	27.55 1.14 0.00	28.01 1.08 0.00	33.21 1.28 0.00	31.53 1.27 0.00	29.96 1.16 0.00	26.36 0.85 0.00
BOWLINE___2 23595	29.31 1.10 0.00	29.13 1.12 0.00	30.24 1.07 0.00	28.88 1.01 0.00	27.85 0.97 0.00	27.57 1.01 0.00	30.68 1.24 0.00	29.04 1.12 0.00	22.10 0.80 0.00	21.69 0.90 0.00	22.76 1.05 0.00	23.64 1.10 0.00	22.46 1.07 0.00	26.24 1.21 0.00	29.44 1.38 0.00	32.71 1.51 0.00	3.97 1.31 24.81	33.42 1.60 0.00	27.58 1.17 0.00	28.05 1.12 0.00	33.25 1.32 0.00	31.56 1.30 0.00	29.98 1.19 0.00	26.37 0.86 0.00
BRADY___115KV_TB2 356060	27.62 -0.59 0.00	27.61 -0.40 0.00	28.61 -0.55 0.00	27.42 -0.45 0.00	26.56 -0.32 0.00	26.54 -0.02 0.00	29.77 0.34 0.00	28.60 0.68 0.00	23.07 1.77 0.00	22.41 1.62 0.00	22.94 1.23 0.00	23.88 1.35 0.00	22.58 1.19 0.00	26.39 1.36 0.00	29.35 1.30 0.00	32.67 1.47 0.00	28.62 1.14 0.00	33.01 1.19 0.00	27.43 1.02 0.00	28.18 1.25 0.00	34.83 2.91 0.00	32.87 2.61 0.00	30.75 1.96 0.00	27.13 1.62 0.00
BRANSCOMB___SOLAR 323811	29.72 1.52 0.00	29.51 1.50 0.00	30.76 1.60 0.00	29.42 1.54 0.00	28.43 1.55 0.00	28.17 1.60 0.00	31.20 1.77 0.00	29.59 1.67 0.00	22.40 1.10 0.00	21.70 0.91 0.00	22.66 0.95 0.00	23.45 0.91 0.00	22.25 0.86 0.00	26.07 1.04 0.00	29.35 1.30 0.00	32.74 1.54 0.00	30.11 1.33 -1.30	33.39 1.57 0.00	27.72 1.31 0.00	28.22 1.30 0.00	33.44 1.51 0.00	31.68 1.43 0.00	30.21 1.42 0.00	26.78 1.27 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	29.82 1.61 0.00	29.80 1.78 0.00	30.78 1.62 0.00	29.36 1.48 0.00	28.34 1.46 0.00	47.79 1.49 -19.74	52.63 1.91 -21.28	42.92 1.93 -13.07	35.76 1.23 -13.24	23.58 1.32 -1.47	23.31 1.60 0.00	24.13 1.59 0.00	21.81 1.52 1.10	26.05 1.91 0.89	29.83 2.33 0.55	33.89 2.69 0.00	50.03 2.70 -19.86	41.70 2.90 -6.98	31.55 2.11 -3.03	29.97 2.31 -0.73	35.38 2.81 -0.65	33.60 2.41 -0.93	33.30 2.41 -2.10	27.80 1.97 -0.32
BRISTLHL_115KV_TB1 79998	27.86 -0.35 0.00	27.66 -0.36 0.00	28.78 -0.38 0.00	27.49 -0.38 0.00	26.54 -0.34 0.00	26.19 -0.37 0.00	29.00 -0.44 0.00	27.50 -0.42 0.00	20.98 -0.32 0.00	20.46 -0.32 0.00	21.35 -0.36 0.00	22.17 -0.37 0.00	21.03 -0.36 0.00	24.60 -0.42 0.00	27.57 -0.49 0.00	30.62 -0.57 0.00	26.97 -0.51 0.00	31.22 -0.60 0.00	25.92 -0.49 0.00	26.41 -0.51 0.00	31.22 -0.71 0.00	29.57 -0.69 0.00	28.17 -0.62 0.00	25.07 -0.45 0.00
BROOKHAVEN___DRP 24191	29.59 1.38 0.00	29.70 1.69 0.00	30.66 1.49 0.00	29.28 1.41 0.00	28.23 1.35 0.00	226.10 1.45 -198.09	244.64 1.64 -213.56	160.79 1.72 -131.14	155.36 1.23 -132.83	36.94 1.38 -14.77	23.30 1.58 -0.01	24.08 1.55 0.00	21.41 1.47 1.45	25.69 1.84 1.18	29.60 2.28 0.73	33.80 2.60 0.00	87.26 2.63 -57.15	104.61 2.76 -70.03	58.90 2.09 -30.39	36.41 2.13 -7.35	41.11 2.68 -6.50	41.93 2.32 -9.35	52.24 2.36 -21.08	30.63 1.93 -3.19



BROOKLYN_NAVY_YARD 23515	29.31 1.11 0.00	29.11 1.10 0.00	30.21 1.04 0.00	28.85 0.98 0.00	27.82 0.94 0.00	27.52 0.96 0.00	30.72 1.29 0.00	29.14 1.22 0.00	22.23 0.94 0.00	21.82 1.04 0.00	22.87 1.16 0.00	23.75 1.22 0.00	22.57 1.19 0.00	26.34 1.31 0.00	29.54 1.48 0.00	32.90 1.70 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.43 0.00	28.38 1.46 0.00	33.64 1.72 0.00	31.87 1.61 0.00	30.23 1.44 0.00	26.56 1.05 0.00
BROOKLYN___ARMY_DRP 323595	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.54 0.00	29.37 1.45 0.00	22.39 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.37 0.00	22.72 1.33 0.00	26.51 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.50 1.70 0.00	26.76 1.25 0.00
BROOKVLE_69_KV_TB1 55790	29.52 1.32 0.00	29.41 1.40 0.00	30.45 1.28 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.79 1.23 0.00	30.96 1.53 0.00	29.37 1.46 0.00	22.37 1.08 0.00	22.02 1.24 0.00	23.13 1.42 0.00	23.99 1.46 0.00	26.26 1.41 -3.46	29.51 1.68 -2.81	31.80 1.99 -1.75	33.41 2.21 0.00	41.83 2.10 -12.25	34.14 2.32 0.00	28.17 1.76 0.00	28.68 1.76 0.00	34.09 2.16 0.00	32.26 2.00 0.00	30.72 1.92 0.00	27.00 1.49 0.00
BROOME_2_LFGE 323671	28.62 0.41 0.00	28.41 0.40 0.00	29.61 0.44 0.00	28.27 0.39 0.00	27.30 0.42 0.00	27.00 0.43 0.00	29.94 0.50 0.00	28.37 0.45 0.00	21.61 0.31 0.00	21.08 0.30 0.00	22.02 0.31 0.00	22.87 0.34 0.00	21.70 0.31 0.00	25.36 0.34 0.00	28.45 0.40 0.00	31.66 0.46 0.00	27.79 0.32 0.00	32.21 0.38 0.00	26.65 0.24 0.00	27.20 0.28 0.00	32.18 0.25 0.00	30.46 0.20 0.00	28.96 0.17 0.00	25.64 0.13 0.00
BROOME___LFGE 323600	28.62 0.41 0.00	28.41 0.40 0.00	29.61 0.44 0.00	28.27 0.39 0.00	27.30 0.42 0.00	27.00 0.43 0.00	29.94 0.50 0.00	28.37 0.45 0.00	21.61 0.31 0.00	21.08 0.30 0.00	22.02 0.31 0.00	22.87 0.34 0.00	21.70 0.31 0.00	25.36 0.34 0.00	28.45 0.40 0.00	31.66 0.46 0.00	27.79 0.32 0.00	32.21 0.38 0.00	26.65 0.24 0.00	27.20 0.28 0.00	32.18 0.25 0.00	30.46 0.20 0.00	28.96 0.17 0.00	25.64 0.13 0.00
BROWNFLS_115KV_TB_3_5 80003	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.63 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.14 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.66 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
BROWNSV1_27_KV_LOAD 356125	29.63 1.43 0.00	29.42 1.41 0.00	30.52 1.36 0.00	29.15 1.28 0.00	28.10 1.22 0.00	27.81 1.25 0.00	31.06 1.63 0.00	29.47 1.55 0.00	22.49 1.19 0.00	22.08 1.30 0.00	23.14 1.43 0.00	24.04 1.51 0.00	22.84 1.45 0.00	26.66 1.63 0.00	29.90 1.84 0.00	33.29 2.09 0.00	36.17 1.88 -6.81	34.09 2.27 0.00	28.18 1.76 0.00	28.70 1.78 0.00	34.03 2.10 0.00	32.24 1.98 0.00	30.58 1.79 0.00	26.85 1.34 0.00
BURROWS___LYONSDAL 23803	28.41 0.21 0.00	28.15 0.13 0.00	29.37 0.21 0.00	28.19 0.32 0.00	27.26 0.38 0.00	27.06 0.50 0.00	30.21 0.78 0.00	28.78 0.86 0.00	21.99 0.70 0.00	21.33 0.55 0.00	22.23 0.52 0.00	23.05 0.51 0.00	21.83 0.44 0.00	25.53 0.50 0.00	28.66 0.60 0.00	32.12 0.92 0.00	28.54 1.06 0.00	33.04 1.22 0.00	27.40 0.99 0.00	27.93 1.01 0.00	33.39 1.46 0.00	31.50 1.24 0.00	29.72 0.93 0.00	26.17 0.66 0.00
CAITHNESS_CC_1 323624	29.53 1.33 0.00	29.62 1.61 0.00	30.58 1.41 0.00	29.20 1.33 0.00	28.15 1.27 0.00	226.25 1.37 -198.31	244.79 1.56 -213.80	160.81 1.60 -131.29	155.46 1.18 -132.98	36.91 1.34 -14.79	23.25 1.54 -0.01	24.03 1.50 0.00	21.36 1.43 1.46	25.62 1.78 1.18	29.52 2.20 0.74	33.70 2.50 0.00	87.18 2.51 -57.20	104.60 2.66 -70.11	58.84 2.00 -30.42	36.33 2.04 -7.36	41.03 2.59 -6.51	41.87 2.25 -9.36	52.21 2.32 -21.10	30.59 1.88 -3.20
CALPINE BETH_PAGE_GT4 24209	29.41 1.20 0.00	29.34 1.32 0.00	30.33 1.16 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.68 1.12 0.00	30.85 1.41 0.00	29.35 1.43 0.00	22.33 1.04 0.00	21.96 1.18 0.00	23.07 1.36 0.00	23.90 1.37 0.00	24.77 1.33 -2.06	28.33 1.63 -1.67	31.09 1.99 -1.05	33.39 2.19 0.00	44.08 2.10 -14.51	34.09 2.27 0.00	28.10 1.69 0.00	28.62 1.69 0.00	34.06 2.13 0.00	32.15 1.89 0.00	30.77 1.98 0.00	27.06 1.55 0.00
CALPINE_BETH_PAGE_GT_4 323586	29.40 1.20 0.00	29.34 1.32 0.00	30.33 1.16 0.00	28.93 1.06 0.00	27.89 1.02 0.00	27.68 1.12 0.00	30.84 1.40 0.00	29.31 1.39 0.00	22.32 1.02 0.00	21.96 1.18 0.00	23.07 1.36 0.00	23.90 1.37 0.00	24.77 1.33 -2.06	28.33 1.63 -1.67	31.08 1.98 -1.05	33.39 2.19 0.00	44.05 2.06 -14.51	34.09 2.27 0.00	28.11 1.70 0.00	28.62 1.70 0.00	34.07 2.14 0.00	32.16 1.90 0.00	30.78 1.99 0.00	27.07 1.56 0.00
CALPINE_BP_GT1 23823	29.40 1.20 0.00	29.34 1.32 0.00	30.33 1.16 0.00	28.93 1.06 0.00	27.89 1.02 0.00	27.68 1.12 0.00	30.84 1.40 0.00	29.31 1.39 0.00	22.32 1.02 0.00	21.96 1.18 0.00	23.07 1.36 0.00	23.90 1.37 0.00	24.77 1.33 -2.06	28.33 1.63 -1.67	31.08 1.98 -1.05	33.39 2.19 0.00	44.05 2.06 -14.51	34.09 2.27 0.00	28.11 1.70 0.00	28.62 1.70 0.00	34.07 2.14 0.00	32.16 1.90 0.00	30.78 1.99 0.00	27.07 1.56 0.00
CALSPAN___DRP 24200	28.06 -0.14 0.00	27.96 -0.05 0.00	29.04 -0.13 0.00	27.58 -0.30 0.00	26.92 0.04 0.00	26.53 -0.03 0.00	29.43 -0.01 0.00	27.73 -0.19 0.00	21.28 -0.01 0.00	20.94 0.15 0.00	21.76 0.05 0.00	22.70 0.17 0.00	21.50 0.11 0.00	25.05 0.02 0.00	27.99 -0.06 0.00	30.69 -0.50 0.00	26.25 -1.23 0.00	30.21 -1.61 0.00	24.77 -1.64 0.00	25.31 -1.61 0.00	30.21 -1.71 0.00	28.58 -1.68 0.00	27.04 -1.75 0.00	24.17 -1.34 0.00
CALVERTON___SOLAR 323806	29.66 1.46 0.00	29.79 1.78 0.00	30.75 1.59 0.00	29.37 1.50 0.00	28.33 1.45 0.00	226.24 1.55 -198.13	244.78 1.75 -213.60	160.89 1.80 -131.17	155.48 1.32 -132.86	37.01 1.45 -14.78	23.36 1.64 -0.01	24.14 1.61 0.00	21.46 1.52 1.45	25.75 1.90 1.18	29.69 2.37 0.73	33.91 2.71 0.00	87.35 2.72 -57.16	104.78 2.91 -70.04	59.04 2.23 -30.40	36.55 2.27 -7.36	41.29 2.86 -6.50	42.11 2.50 -9.35	52.40 2.53 -21.08	30.76 2.06 -3.19
CANDIGU_WT_PWR 323617	28.13 -0.07 0.00	28.00 -0.01 0.00	29.12 -0.04 0.00	27.78 -0.09 0.00	27.16 0.28 0.00	26.79 0.23 0.00	29.77 0.34 0.00	28.10 0.18 0.00	21.38 0.09 0.00	20.97 0.18 0.00	21.93 0.22 0.00	22.86 0.33 0.00	21.65 0.26 0.00	25.21 0.18 0.00	28.32 0.27 0.00	31.31 0.11 0.00	26.86 -0.61 0.00	30.99 -0.84 0.00	25.43 -0.99 0.00	25.94 -0.99 0.00	30.55 -1.38 0.00	28.75 -1.51 0.00	27.19 -1.61 0.00	24.06 -1.45 0.00



CARR STREET_E__SYR 24060	28.06 -0.14 0.00	27.87 -0.14 0.00	29.01 -0.15 0.00	27.71 -0.16 0.00	26.74 -0.14 0.00	26.32 -0.24 0.00	29.07 -0.37 0.00	27.57 -0.35 0.00	21.04 -0.26 0.00	20.59 -0.19 0.00	21.49 -0.23 0.00	22.31 -0.23 0.00	21.17 -0.22 0.00	24.76 -0.27 0.00	27.74 -0.31 0.00	30.79 -0.41 0.00	27.02 -0.46 0.00	31.26 -0.56 0.00	25.94 -0.47 0.00	26.44 -0.49 0.00	31.25 -0.67 0.00	29.71 -0.55 0.00	28.37 -0.42 0.00	25.22 -0.29 0.00
CARTHAGE__PAPER 23857	28.23 0.03 0.00	27.90 -0.11 0.00	29.18 0.01 0.00	28.06 0.19 0.00	27.16 0.28 0.00	27.01 0.45 0.00	30.28 0.84 0.00	28.91 0.99 0.00	22.08 0.78 0.00	21.30 0.52 0.00	22.13 0.42 0.00	22.94 0.41 0.00	21.70 0.31 0.00	25.35 0.33 0.00	28.43 0.37 0.00	32.08 0.89 0.00	28.77 1.29 0.00	33.35 1.52 0.00	27.65 1.24 0.00	28.18 1.26 0.00	33.85 1.93 0.00	31.84 1.58 0.00	29.88 1.09 0.00	26.30 0.79 0.00
CASSADAGA_WT_PWR 323784	28.89 0.69 0.00	28.76 0.74 0.00	29.86 0.69 0.00	28.38 0.51 0.00	27.76 0.88 0.00	27.36 0.79 0.00	30.42 0.98 0.00	28.49 0.57 0.00	21.85 0.55 0.00	21.57 0.79 0.00	22.50 0.79 0.00	23.51 0.98 0.00	22.32 0.93 0.00	25.99 0.97 0.00	28.99 0.93 0.00	31.64 0.44 0.00	26.96 -0.52 0.00	31.19 -0.63 0.00	25.35 -1.06 0.00	25.89 -1.04 0.00	30.65 -1.27 0.00	28.88 -1.38 0.00	27.06 -1.74 0.00	24.09 -1.42 0.00
CE_DUNWOOD__DRP 24194	29.31 1.11 0.00	29.14 1.13 0.00	30.24 1.08 0.00	28.88 1.01 0.00	27.85 0.98 0.00	27.57 1.01 0.00	30.71 1.27 0.00	29.11 1.19 0.00	22.18 0.88 0.00	21.75 0.96 0.00	22.80 1.09 0.00	23.67 1.14 0.00	22.49 1.11 0.00	26.28 1.26 0.00	29.48 1.42 0.00	32.81 1.61 0.00	36.20 1.44 -7.28	33.57 1.75 0.00	27.76 1.35 0.00	28.27 1.35 0.00	33.52 1.59 0.00	31.77 1.51 0.00	30.17 1.38 0.00	26.53 1.02 0.00
CE_MILLWOOD__DRP 24193	29.28 1.07 0.00	29.10 1.09 0.00	30.21 1.04 0.00	28.86 0.98 0.00	27.83 0.95 0.00	27.54 0.98 0.00	30.65 1.22 0.00	29.05 1.14 0.00	22.13 0.84 0.00	21.70 0.92 0.00	22.75 1.04 0.00	23.63 1.09 0.00	22.44 1.05 0.00	26.23 1.20 0.00	29.42 1.36 0.00	32.74 1.54 0.00	36.72 1.38 -7.86	33.50 1.68 0.00	27.69 1.28 0.00	28.21 1.28 0.00	33.44 1.52 0.00	31.71 1.45 0.00	30.11 1.32 0.00	26.49 0.98 0.00
CE_NYC2_DRP 24202	29.42 1.22 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.99 1.11 0.00	27.94 1.07 0.00	27.65 1.09 0.00	30.86 1.42 0.00	29.28 1.36 0.00	22.33 1.03 0.00	21.92 1.13 0.00	22.97 1.27 0.00	23.87 1.33 0.00	22.68 1.29 0.00	26.46 1.43 0.00	29.68 1.62 0.00	33.04 1.84 0.00	35.92 1.65 -6.79	33.83 2.01 0.00	27.94 1.53 0.00	28.48 1.56 0.00	33.76 1.84 0.00	31.97 1.72 0.00	30.34 1.55 0.00	26.65 1.14 0.00
CE_NYC_DRP 24195	29.38 1.17 0.00	29.18 1.16 0.00	30.27 1.10 0.00	28.91 1.04 0.00	27.87 0.99 0.00	27.58 1.01 0.00	30.78 1.34 0.00	29.19 1.27 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.92 1.21 0.00	23.80 1.27 0.00	22.62 1.23 0.00	26.40 1.37 0.00	29.61 1.56 0.00	32.97 1.77 0.00	35.89 1.59 -6.82	33.76 1.94 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.69 1.76 0.00	31.90 1.65 0.00	30.28 1.48 0.00	26.60 1.09 0.00
CHAFFEE__LFGE 323603	28.02 -0.18 0.00	27.92 -0.10 0.00	28.99 -0.18 0.00	27.53 -0.34 0.00	26.88 0.00 0.00	26.49 -0.07 0.00	29.40 -0.04 0.00	27.72 -0.20 0.00	21.28 -0.01 0.00	20.91 0.13 0.00	21.73 0.02 0.00	22.67 0.13 0.00	21.46 0.07 0.00	25.00 -0.02 0.00	27.96 -0.10 0.00	30.69 -0.51 0.00	26.27 -1.21 0.00	30.25 -1.57 0.00	24.82 -1.59 0.00	25.35 -1.57 0.00	30.26 -1.67 0.00	28.62 -1.64 0.00	27.08 -1.72 0.00	24.20 -1.31 0.00
CHATEAUG_35_KV_LOAD 355732	27.34 -0.86 0.00	27.29 -0.72 0.00	28.29 -0.87 0.00	27.21 -0.67 0.00	26.41 -0.47 0.00	26.43 -0.13 0.00	29.66 0.22 0.00	28.27 0.35 0.00	21.91 0.61 0.00	21.55 0.77 0.00	22.78 1.07 0.00	23.76 1.23 0.00	22.49 1.10 0.00	26.30 1.27 0.00	29.20 1.15 0.00	32.52 1.32 0.00	28.52 1.04 0.00	33.08 1.26 0.00	27.59 1.17 0.00	28.38 1.46 0.00	34.94 3.01 0.00	32.97 2.72 0.00	30.93 2.13 0.00	27.29 1.78 0.00
CHATEAUG_WT_PWR 323614	27.29 -0.91 0.00	27.24 -0.77 0.00	28.24 -0.92 0.00	27.18 -0.69 0.00	26.39 -0.49 0.00	26.41 -0.15 0.00	29.62 0.19 0.00	28.28 0.36 0.00	21.93 0.63 0.00	21.55 0.77 0.00	22.82 1.11 0.00	23.79 1.26 0.00	22.53 1.14 0.00	26.34 1.32 0.00	29.25 1.20 0.00	32.58 1.38 0.00	28.55 1.07 0.00	33.02 1.20 0.00	27.53 1.12 0.00	28.33 1.41 0.00	34.85 2.93 0.00	32.90 2.64 0.00	30.88 2.09 0.00	27.25 1.74 0.00
CHAT_HIGH_FALL_HYD 323578	27.34 -0.86 0.00	27.29 -0.72 0.00	28.29 -0.87 0.00	27.21 -0.67 0.00	26.41 -0.47 0.00	26.43 -0.13 0.00	29.66 0.22 0.00	28.27 0.35 0.00	21.91 0.61 0.00	21.55 0.76 0.00	22.78 1.07 0.00	23.76 1.23 0.00	22.49 1.10 0.00	26.30 1.27 0.00	29.20 1.15 0.00	32.52 1.32 0.00	28.52 1.04 0.00	33.08 1.26 0.00	27.59 1.18 0.00	28.39 1.46 0.00	34.94 3.01 0.00	32.97 2.72 0.00	30.92 2.13 0.00	27.30 1.78 0.00
CHAUTAUQUA__LFGE 323629	28.45 0.24 0.00	28.33 0.31 0.00	29.42 0.25 0.00	27.94 0.07 0.00	27.31 0.43 0.00	26.92 0.36 0.00	29.89 0.46 0.00	28.11 0.19 0.00	21.53 0.23 0.00	21.20 0.42 0.00	22.08 0.37 0.00	23.06 0.53 0.00	21.85 0.46 0.00	25.44 0.42 0.00	28.45 0.40 0.00	31.17 -0.03 0.00	26.60 -0.87 0.00	30.72 -1.11 0.00	25.09 -1.32 0.00	25.66 -1.26 0.00	30.46 -1.47 0.00	28.80 -1.46 0.00	27.11 -1.69 0.00	24.18 -1.33 0.00
CHERRYST_13_KV_LD 356241	29.44 1.24 0.00	29.24 1.23 0.00	30.34 1.18 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.65 1.09 0.00	30.86 1.42 0.00	29.28 1.36 0.00	22.34 1.05 0.00	21.93 1.15 0.00	23.00 1.29 0.00	23.89 1.35 0.00	22.70 1.31 0.00	26.49 1.46 0.00	29.71 1.65 0.00	33.09 1.89 0.00	35.98 1.69 -6.82	33.86 2.04 0.00	27.97 1.56 0.00	28.49 1.57 0.00	33.78 1.85 0.00	31.99 1.73 0.00	30.35 1.56 0.00	26.67 1.15 0.00
CHESTROR_138KV_BK263 355645	29.03 0.83 0.00	28.86 0.85 0.00	29.98 0.81 0.00	28.64 0.77 0.00	27.61 0.73 0.00	27.33 0.77 0.00	30.39 0.96 0.00	28.80 0.88 0.00	21.91 0.62 0.00	21.45 0.67 0.00	22.46 0.75 0.00	23.32 0.79 0.00	22.14 0.75 0.00	25.88 0.85 0.00	29.02 0.96 0.00	32.35 1.15 0.00	21.47 1.04 7.05	33.13 1.31 0.00	27.43 1.02 0.00	27.98 1.06 0.00	33.16 1.24 0.00	31.45 1.19 0.00	29.88 1.08 0.00	26.31 0.80 0.00
CH_MIDHUDSON__DRP 24192	29.31 1.11 0.00	29.14 1.13 0.00	30.28 1.11 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.61 1.05 0.00	30.72 1.28 0.00	29.14 1.22 0.00	22.20 0.90 0.00	21.71 0.93 0.00	22.72 1.01 0.00	23.57 1.04 0.00	22.40 1.01 0.00	26.20 1.17 0.00	29.42 1.36 0.00	32.75 1.55 0.00	28.89 1.41 0.00	33.54 1.72 0.00	27.78 1.37 0.00	28.28 1.36 0.00	33.52 1.59 0.00	31.75 1.50 0.00	30.16 1.36 0.00	26.55 1.04 0.00



CH_MISC_IPPS 23765	29.44 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.29 1.37 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.05 1.57 0.00	33.74 1.92 0.00	27.93 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00
CH_RES_BVR_FALLS 23983	27.58 -0.62 0.00	27.44 -0.58 0.00	28.51 -0.65 0.00	27.32 -0.55 0.00	26.40 -0.48 0.00	26.22 -0.34 0.00	29.21 -0.22 0.00	27.84 -0.08 0.00	21.41 0.11 0.00	20.99 0.20 0.00	22.04 0.33 0.00	22.94 0.40 0.00	21.74 0.35 0.00	25.43 0.40 0.00	28.40 0.34 0.00	31.55 0.36 0.00	27.71 0.23 0.00	32.05 0.23 0.00	26.64 0.23 0.00	27.27 0.34 0.00	32.98 1.05 0.00	31.19 0.93 0.00	29.44 0.64 0.00	25.96 0.45 0.00
CH_RES_NIAGARA 23895	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.67 -0.90 0.00	28.39 -1.05 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.89 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.94 -2.99 0.00	27.46 -2.80 0.00	26.02 -2.77 0.00	23.36 -2.15 0.00
CH_RES_SYRACUSE 23985	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
CLINTON_WT_PWR 323605	27.29 -0.91 0.00	27.24 -0.77 0.00	28.24 -0.92 0.00	27.18 -0.69 0.00	26.39 -0.49 0.00	26.41 -0.15 0.00	29.62 0.19 0.00	28.28 0.36 0.00	21.93 0.63 0.00	21.55 0.77 0.00	22.82 1.11 0.00	23.79 1.26 0.00	22.53 1.14 0.00	26.34 1.32 0.00	29.25 1.20 0.00	32.58 1.38 0.00	28.55 1.07 0.00	33.02 1.20 0.00	27.53 1.12 0.00	28.33 1.41 0.00	34.85 2.93 0.00	32.90 2.64 0.00	30.88 2.09 0.00	27.25 1.74 0.00
CLINTON__LFGE 323618	27.72 -0.48 0.00	27.64 -0.37 0.00	28.66 -0.51 0.00	27.58 -0.29 0.00	26.81 -0.07 0.00	26.86 0.30 0.00	30.14 0.71 0.00	28.80 0.88 0.00	22.35 1.05 0.00	21.95 1.17 0.00	23.26 1.54 0.00	24.21 1.68 0.00	22.90 1.51 0.00	26.77 1.74 0.00	29.71 1.65 0.00	33.16 1.96 0.00	29.12 1.64 0.00	33.69 1.87 0.00	28.11 1.70 0.00	28.93 2.00 0.00	35.55 3.62 0.00	33.53 3.27 0.00	31.47 2.68 0.00	27.76 2.25 0.00
COBBLENY_34_KV_TB1 80064	28.02 -0.18 0.00	27.92 -0.10 0.00	28.99 -0.18 0.00	27.53 -0.34 0.00	26.89 0.01 0.00	26.49 -0.07 0.00	29.40 -0.04 0.00	27.73 -0.19 0.00	21.28 -0.02 0.00	20.91 0.13 0.00	21.73 0.02 0.00	22.67 0.14 0.00	21.46 0.07 0.00	25.00 -0.02 0.00	27.96 -0.10 0.00	30.69 -0.51 0.00	26.27 -1.21 0.00	30.25 -1.57 0.00	24.81 -1.60 0.00	25.35 -1.57 0.00	30.27 -1.66 0.00	28.63 -1.63 0.00	27.09 -1.71 0.00	24.19 -1.32 0.00
COFFEEN__115KV_TB3 355620	28.37 0.16 0.00	28.00 -0.02 0.00	29.28 0.12 0.00	28.18 0.30 0.00	27.28 0.40 0.00	27.10 0.53 0.00	30.40 0.97 0.00	28.96 1.04 0.00	21.99 0.69 0.00	21.10 0.32 0.00	21.84 0.13 0.00	22.62 0.09 0.00	21.39 0.00 0.00	24.97 -0.05 0.00	28.00 -0.05 0.00	31.72 0.53 0.00	28.70 1.22 0.00	33.38 1.56 0.00	27.67 1.26 0.00	28.18 1.26 0.00	33.62 1.69 0.00	31.57 1.32 0.00	29.68 0.88 0.00	26.13 0.62 0.00
COLDSPRG_115KV_BK1 355956	29.28 1.08 0.00	29.12 1.10 0.00	30.26 1.09 0.00	28.78 0.91 0.00	28.16 1.28 0.00	27.77 1.20 0.00	30.88 1.45 0.00	29.09 1.17 0.00	22.25 0.95 0.00	21.87 1.09 0.00	22.86 1.15 0.00	23.88 1.34 0.00	22.65 1.26 0.00	26.37 1.35 0.00	29.47 1.42 0.00	32.35 1.15 0.00	27.66 0.18 0.00	31.98 0.15 0.00	26.09 -0.32 0.00	26.67 -0.26 0.00	31.64 -0.29 0.00	29.89 -0.37 0.00	28.20 -0.60 0.00	25.06 -0.45 0.00
COLONIE_LFGE__ 323577	29.31 1.11 0.00	29.09 1.07 0.00	30.29 1.12 0.00	28.96 1.09 0.00	27.94 1.06 0.00	27.64 1.07 0.00	30.57 1.13 0.00	28.98 1.06 0.00	21.99 0.69 0.00	21.38 0.59 0.00	22.34 0.63 0.00	23.14 0.60 0.00	22.00 0.61 0.00	25.81 0.78 0.00	29.05 0.99 0.00	32.36 1.16 0.00	29.84 1.02 -1.34	33.03 1.21 0.00	27.42 1.01 0.00	27.91 0.98 0.00	33.14 1.21 0.00	31.45 1.19 0.00	29.94 1.14 0.00	26.49 0.99 0.00
COOPERNY_115KV_TB1 80082	28.84 0.63 0.00	28.67 0.66 0.00	29.80 0.64 0.00	28.47 0.60 0.00	27.44 0.56 0.00	27.15 0.59 0.00	30.16 0.72 0.00	28.58 0.66 0.00	21.77 0.47 0.00	21.29 0.51 0.00	22.28 0.57 0.00	23.14 0.60 0.00	21.96 0.56 0.00	25.66 0.63 0.00	28.78 0.72 0.00	32.05 0.85 0.00	25.09 0.77 3.16	32.77 0.95 0.00	27.15 0.74 0.00	27.69 0.77 0.00	32.83 0.90 0.00	31.13 0.87 0.00	29.58 0.79 0.00	26.08 0.57 0.00
COPENHAGEN_WT_PWR 323753	28.10 -0.10 0.00	27.72 -0.30 0.00	29.04 -0.13 0.00	27.94 0.07 0.00	27.04 0.16 0.00	26.82 0.25 0.00	30.06 0.62 0.00	28.62 0.70 0.00	21.78 0.48 0.00	20.98 0.20 0.00	21.75 0.04 0.00	22.54 0.01 0.00	21.32 -0.07 0.00	24.90 -0.12 0.00	27.93 -0.13 0.00	31.55 0.35 0.00	28.36 0.89 0.00	32.94 1.11 0.00	27.30 0.89 0.00	27.80 0.87 0.00	33.16 1.23 0.00	31.15 0.89 0.00	29.31 0.52 0.00	25.83 0.31 0.00
CORNELL____ 23752	29.01 0.81 0.00	28.81 0.79 0.00	30.02 0.86 0.00	28.67 0.80 0.00	27.73 0.85 0.00	27.44 0.88 0.00	30.52 1.08 0.00	28.93 1.01 0.00	21.99 0.69 0.00	21.34 0.56 0.00	22.21 0.49 0.00	23.02 0.48 0.00	21.82 0.43 0.00	25.52 0.49 0.00	28.65 0.59 0.00	32.03 0.83 0.00	28.31 0.83 0.00	32.84 1.02 0.00	27.20 0.79 0.00	27.74 0.81 0.00	32.77 0.84 0.00	30.96 0.70 0.00	29.40 0.61 0.00	26.03 0.52 0.00
CORONAAV_69_KV_TB1 355595	29.55 1.35 0.00	29.45 1.44 0.00	30.47 1.30 0.00	29.06 1.19 0.00	28.02 1.14 0.00	27.80 1.24 0.00	30.93 1.50 0.00	29.40 1.48 0.00	22.38 1.09 0.00	22.02 1.23 0.00	23.15 1.44 0.00	24.01 1.48 0.00	40.57 1.43 -17.75	41.17 1.72 -14.42	39.10 2.04 -9.00	33.38 2.18 0.00	43.42 2.19 -13.76	34.26 2.44 0.00	28.27 1.86 0.00	28.77 1.85 0.00	34.24 2.32 0.00	32.32 2.06 0.00	30.82 2.03 0.00	27.11 1.60 0.00
CORTLAND_115KV_TB3 80093	28.70 0.49 0.00	28.50 0.48 0.00	29.69 0.52 0.00	28.36 0.48 0.00	27.39 0.51 0.00	27.09 0.52 0.00	30.08 0.64 0.00	28.53 0.61 0.00	21.72 0.42 0.00	21.11 0.33 0.00	22.01 0.30 0.00	22.83 0.30 0.00	21.66 0.27 0.00	25.32 0.29 0.00	28.41 0.35 0.00	31.68 0.48 0.00	27.98 0.50 0.00	32.43 0.60 0.00	26.88 0.47 0.00	27.41 0.49 0.00	32.42 0.49 0.00	30.67 0.41 0.00	29.15 0.35 0.00	25.82 0.31 0.00



COXSACKIE___GT 23611	30.66 2.45 0.00	30.38 2.37 0.00	31.70 2.53 0.00	30.32 2.45 0.00	29.24 2.36 0.00	29.09 2.53 0.00	32.33 2.89 0.00	30.80 2.88 0.00	23.19 1.89 0.00	22.13 1.35 0.00	22.91 1.20 0.00	23.67 1.13 0.00	22.50 1.11 0.00	26.43 1.40 0.00	29.95 1.89 0.00	33.72 2.53 0.00	30.33 2.86 0.00	35.34 3.52 0.00	29.33 2.92 0.00	29.80 2.88 0.00	35.27 3.35 0.00	33.31 3.05 0.00	31.56 2.76 0.00	27.89 2.38 0.00
CPV_VALLEY___CC1 323721	28.85 0.65 0.00	28.68 0.67 0.00	29.80 0.64 0.00	28.47 0.59 0.00	27.44 0.56 0.00	27.16 0.59 0.00	30.17 0.74 0.00	28.59 0.66 0.00	21.77 0.48 0.00	21.32 0.54 0.00	22.33 0.61 0.00	23.19 0.65 0.00	22.01 0.63 0.00	25.73 0.70 0.00	28.84 0.79 0.00	32.12 0.92 0.00	23.85 0.82 4.44	32.86 1.04 0.00	27.22 0.81 0.00	27.75 0.83 0.00	32.90 0.97 0.00	31.20 0.94 0.00	29.64 0.85 0.00	26.11 0.60 0.00
CPV_VALLEY___CC2 323722	28.85 0.65 0.00	28.68 0.67 0.00	29.80 0.64 0.00	28.47 0.59 0.00	27.44 0.56 0.00	27.16 0.59 0.00	30.17 0.74 0.00	28.59 0.66 0.00	21.77 0.48 0.00	21.32 0.54 0.00	22.33 0.61 0.00	23.19 0.65 0.00	22.01 0.63 0.00	25.73 0.70 0.00	28.84 0.79 0.00	32.12 0.92 0.00	23.85 0.82 4.44	32.86 1.04 0.00	27.22 0.81 0.00	27.75 0.83 0.00	32.90 0.97 0.00	31.20 0.94 0.00	29.64 0.85 0.00	26.11 0.60 0.00
CRESCENT___HYD 24018	29.31 1.11 0.00	29.09 1.07 0.00	30.29 1.12 0.00	28.96 1.09 0.00	27.94 1.06 0.00	27.64 1.07 0.00	30.57 1.13 0.00	28.98 1.06 0.00	21.99 0.69 0.00	21.38 0.59 0.00	22.34 0.63 0.00	23.14 0.60 0.00	22.00 0.61 0.00	25.81 0.78 0.00	29.05 0.99 0.00	32.36 1.16 0.00	29.84 1.02 -1.34	33.03 1.21 0.00	27.42 1.01 0.00	27.91 0.98 0.00	33.14 1.21 0.00	31.45 1.19 0.00	29.94 1.14 0.00	26.49 0.99 0.00
CRICKET___VALLEY_CC1 323756	29.06 0.86 0.00	28.91 0.90 0.00	30.02 0.86 0.00	28.70 0.82 0.00	27.69 0.81 0.00	27.39 0.83 0.00	30.44 1.00 0.00	28.86 0.94 0.00	22.02 0.72 0.00	21.53 0.75 0.00	22.53 0.82 0.00	23.37 0.84 0.00	22.24 0.85 0.00	26.01 0.99 0.00	29.22 1.16 0.00	32.46 1.26 0.00	31.25 1.18 -2.59	33.24 1.41 0.00	27.55 1.14 0.00	28.05 1.12 0.00	33.22 1.29 0.00	31.48 1.23 0.00	29.93 1.14 0.00	26.36 0.85 0.00
CRICKET___VALLEY_CC2 323757	29.06 0.86 0.00	28.91 0.90 0.00	30.02 0.86 0.00	28.70 0.82 0.00	27.69 0.81 0.00	27.39 0.83 0.00	30.44 1.00 0.00	28.86 0.94 0.00	22.02 0.72 0.00	21.53 0.75 0.00	22.53 0.82 0.00	23.37 0.84 0.00	22.24 0.85 0.00	26.01 0.99 0.00	29.22 1.16 0.00	32.46 1.26 0.00	31.25 1.18 -2.59	33.24 1.41 0.00	27.55 1.14 0.00	28.05 1.12 0.00	33.22 1.29 0.00	31.48 1.23 0.00	29.93 1.14 0.00	26.36 0.85 0.00
CRICKET___VALLEY_CC3 323758	29.06 0.86 0.00	28.91 0.90 0.00	30.02 0.86 0.00	28.70 0.82 0.00	27.69 0.81 0.00	27.39 0.83 0.00	30.44 1.00 0.00	28.86 0.94 0.00	22.02 0.72 0.00	21.53 0.75 0.00	22.53 0.82 0.00	23.37 0.84 0.00	22.24 0.85 0.00	26.01 0.99 0.00	29.22 1.16 0.00	32.46 1.26 0.00	31.25 1.18 -2.59	33.24 1.41 0.00	27.55 1.14 0.00	28.05 1.12 0.00	33.22 1.29 0.00	31.48 1.23 0.00	29.93 1.14 0.00	26.36 0.85 0.00
CRUCIBLE_METL_DRP 24180	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
DAHOWA___HYDRO 323763	29.85 1.65 0.00	29.64 1.63 0.00	30.91 1.74 0.00	29.56 1.68 0.00	28.59 1.71 0.00	28.34 1.78 0.00	31.41 1.97 0.00	29.79 1.87 0.00	22.53 1.23 0.00	21.83 1.04 0.00	22.79 1.08 0.00	23.56 1.03 0.00	22.36 0.97 0.00	26.19 1.16 0.00	29.48 1.42 0.00	32.86 1.66 0.00	30.18 1.42 -1.29	33.50 1.68 0.00	27.81 1.39 0.00	28.32 1.39 0.00	33.52 1.60 0.00	31.77 1.51 0.00	30.29 1.50 0.00	26.88 1.37 0.00
DANC___LFGE 323619	27.98 -0.22 0.00	27.67 -0.35 0.00	28.90 -0.26 0.00	27.74 -0.13 0.00	26.81 -0.06 0.00	26.55 -0.01 0.00	29.60 0.17 0.00	28.16 0.24 0.00	21.44 0.14 0.00	20.75 -0.04 0.00	21.55 -0.16 0.00	22.34 -0.19 0.00	21.16 -0.23 0.00	24.73 -0.30 0.00	27.73 -0.33 0.00	31.14 -0.06 0.00	27.79 0.32 0.00	32.23 0.41 0.00	26.74 0.33 0.00	27.24 0.31 0.00	32.39 0.47 0.00	30.53 0.27 0.00	28.86 0.06 0.00	25.51 0.00 0.00
DANSKAMMER___1 23586	29.44 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.29 1.37 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.05 1.57 0.00	33.74 1.92 0.00	27.93 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00
DANSKAMMER___2 23589	29.44 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.29 1.37 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.05 1.57 0.00	33.74 1.92 0.00	27.93 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00
DANSKAMMER___3 23590	29.44 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.29 1.37 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.05 1.57 0.00	33.74 1.92 0.00	27.93 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00
DANSKAMMER___4 23591	29.44 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.29 1.37 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.05 1.57 0.00	33.74 1.92 0.00	27.93 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00
DANSKAMMER___DIESEL 23592	29.45 1.24 0.00	29.27 1.25 0.00	30.40 1.24 0.00	29.05 1.18 0.00	28.02 1.14 0.00	27.75 1.19 0.00	30.89 1.46 0.00	29.30 1.38 0.00	22.30 1.00 0.00	21.81 1.03 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.50 1.11 0.00	26.31 1.28 0.00	29.56 1.50 0.00	32.92 1.72 0.00	29.04 1.57 0.00	33.74 1.92 0.00	27.94 1.52 0.00	28.46 1.53 0.00	33.72 1.79 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.68 1.17 0.00



DARBY___SOLAR 323810	29.74 1.54 0.00	29.53 1.52 0.00	30.78 1.62 0.00	29.44 1.57 0.00	28.46 1.58 0.00	28.20 1.64 0.00	31.25 1.81 0.00	29.63 1.71 0.00	22.42 1.12 0.00	21.73 0.94 0.00	22.68 0.97 0.00	23.47 0.93 0.00	22.27 0.88 0.00	26.09 1.07 0.00	29.37 1.31 0.00	32.74 1.54 0.00	30.10 1.32 -1.30	33.38 1.56 0.00	27.71 1.30 0.00	28.21 1.29 0.00	33.42 1.49 0.00	31.67 1.41 0.00	30.19 1.40 0.00	26.78 1.27 0.00
DASHVILLE___HYD 23610	29.03 0.83 0.00	28.86 0.84 0.00	30.01 0.85 0.00	28.68 0.81 0.00	27.60 0.72 0.00	27.33 0.77 0.00	30.38 0.94 0.00	28.81 0.89 0.00	21.96 0.66 0.00	21.50 0.71 0.00	22.49 0.77 0.00	23.33 0.80 0.00	22.16 0.77 0.00	25.91 0.88 0.00	29.07 1.01 0.00	32.37 1.17 0.00	28.57 1.09 0.00	33.17 1.35 0.00	27.46 1.06 0.00	27.99 1.06 0.00	33.16 1.24 0.00	31.42 1.16 0.00	29.85 1.05 0.00	26.27 0.76 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	30.22 2.02 0.00	30.37 2.36 0.00	31.35 2.18 0.00	29.94 2.07 0.00	28.89 2.02 0.00	226.44 2.12 -197.76	245.10 2.46 -213.20	161.38 2.53 -130.93	155.73 1.82 -132.61	37.46 1.93 -14.75	23.84 2.12 -0.01	24.63 2.09 0.00	21.93 1.98 1.44	26.29 2.43 1.17	30.34 3.01 0.73	34.65 3.45 0.00	87.98 3.43 -57.08	105.48 3.74 -69.91	59.69 2.94 -30.34	37.25 2.98 -7.34	42.08 3.66 -6.49	42.80 3.21 -9.33	52.99 3.16 -21.04	31.29 2.59 -3.19
DELAWARE___LFGE 323621	29.04 0.84 0.00	28.85 0.84 0.00	30.09 0.93 0.00	28.73 0.86 0.00	27.66 0.78 0.00	27.41 0.84 0.00	30.42 0.99 0.00	28.85 0.93 0.00	21.98 0.67 0.00	21.46 0.67 0.00	22.41 0.71 0.00	23.26 0.72 0.00	22.08 0.69 0.00	25.80 0.78 0.00	28.93 0.88 0.00	32.24 1.04 0.00	28.41 0.93 0.00	32.95 1.13 0.00	27.31 0.90 0.00	27.86 0.94 0.00	32.99 1.06 0.00	31.24 0.98 0.00	29.67 0.87 0.00	26.20 0.69 0.00
DERFIELD_115KV_TB7 355931	28.20 0.00 0.00	28.01 0.00 0.00	29.17 0.00 0.00	27.88 0.01 0.00	26.89 0.02 0.00	26.60 0.04 0.00	29.52 0.08 0.00	28.01 0.09 0.00	21.36 0.06 0.00	20.83 0.05 0.00	21.77 0.06 0.00	22.59 0.06 0.00	21.44 0.05 0.00	25.08 0.06 0.00	28.12 0.06 0.00	31.30 0.10 0.00	27.60 0.12 0.00	31.98 0.15 0.00	26.55 0.13 0.00	27.06 0.14 0.00	32.14 0.21 0.00	30.44 0.18 0.00	28.94 0.15 0.00	25.62 0.10 0.00
DOGLEVILLE___HYD 23807	28.62 0.41 0.00	28.32 0.31 0.00	29.56 0.39 0.00	28.23 0.36 0.00	27.29 0.42 0.00	27.15 0.59 0.00	30.21 0.77 0.00	28.70 0.78 0.00	21.61 0.32 0.00	20.80 0.02 0.00	21.65 -0.06 0.00	22.40 -0.13 0.00	21.27 -0.12 0.00	24.95 -0.07 0.00	28.17 0.12 0.00	31.69 0.49 0.00	28.23 0.75 0.00	32.84 1.02 0.00	27.26 0.84 0.00	27.77 0.85 0.00	32.84 0.91 0.00	30.89 0.63 0.00	29.31 0.51 0.00	25.88 0.37 0.00
DUNKIRK___115KV_TB_200 55889	28.39 0.18 0.00	28.26 0.25 0.00	29.36 0.19 0.00	27.88 0.00 0.00	27.25 0.37 0.00	26.86 0.30 0.00	29.83 0.39 0.00	28.05 0.13 0.00	21.48 0.19 0.00	21.15 0.37 0.00	22.03 0.32 0.00	23.00 0.47 0.00	21.79 0.40 0.00	25.37 0.35 0.00	28.38 0.32 0.00	31.11 -0.09 0.00	26.55 -0.92 0.00	30.66 -1.17 0.00	25.06 -1.35 0.00	25.63 -1.29 0.00	30.46 -1.47 0.00	28.80 -1.46 0.00	27.13 -1.66 0.00	24.20 -1.31 0.00
DUNKIRK___1 23563	28.39 0.18 0.00	28.26 0.25 0.00	29.36 0.19 0.00	27.88 0.00 0.00	27.25 0.37 0.00	26.86 0.30 0.00	29.83 0.39 0.00	28.05 0.13 0.00	21.48 0.19 0.00	21.15 0.37 0.00	22.03 0.32 0.00	23.00 0.47 0.00	21.79 0.40 0.00	25.37 0.35 0.00	28.38 0.32 0.00	31.11 -0.09 0.00	26.55 -0.92 0.00	30.66 -1.17 0.00	25.06 -1.35 0.00	25.63 -1.29 0.00	30.46 -1.47 0.00	28.80 -1.46 0.00	27.13 -1.66 0.00	24.20 -1.31 0.00
DUNKIRK___2 23564	28.39 0.18 0.00	28.26 0.25 0.00	29.36 0.19 0.00	27.88 0.00 0.00	27.25 0.37 0.00	26.86 0.30 0.00	29.83 0.39 0.00	28.05 0.13 0.00	21.48 0.19 0.00	21.15 0.37 0.00	22.03 0.32 0.00	23.00 0.47 0.00	21.79 0.40 0.00	25.37 0.35 0.00	28.38 0.32 0.00	31.11 -0.09 0.00	26.55 -0.92 0.00	30.66 -1.17 0.00	25.06 -1.35 0.00	25.63 -1.29 0.00	30.46 -1.47 0.00	28.80 -1.46 0.00	27.13 -1.66 0.00	24.20 -1.31 0.00
DUNKIRK___3 23565	28.31 0.11 0.00	28.18 0.17 0.00	29.28 0.11 0.00	27.81 -0.06 0.00	27.18 0.30 0.00	26.78 0.21 0.00	29.71 0.27 0.00	27.95 0.04 0.00	21.39 0.09 0.00	21.06 0.28 0.00	21.96 0.25 0.00	22.93 0.39 0.00	21.72 0.33 0.00	25.29 0.27 0.00	28.29 0.23 0.00	31.04 -0.16 0.00	26.50 -0.97 0.00	30.59 -1.24 0.00	25.01 -1.40 0.00	25.59 -1.34 0.00	30.41 -1.52 0.00	28.79 -1.47 0.00	27.17 -1.62 0.00	24.22 -1.29 0.00
DUNKIRK___4 23566	28.32 0.11 0.00	28.20 0.19 0.00	29.28 0.12 0.00	27.82 -0.06 0.00	27.18 0.30 0.00	26.78 0.22 0.00	29.72 0.29 0.00	27.98 0.06 0.00	21.44 0.14 0.00	21.10 0.32 0.00	21.96 0.25 0.00	22.93 0.40 0.00	21.73 0.34 0.00	25.30 0.28 0.00	28.29 0.23 0.00	31.01 -0.19 0.00	26.49 -0.99 0.00	30.55 -1.28 0.00	24.99 -1.42 0.00	25.56 -1.37 0.00	30.40 -1.53 0.00	28.76 -1.50 0.00	27.14 -1.66 0.00	24.21 -1.30 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	29.34 1.13 0.00	29.16 1.14 0.00	30.26 1.10 0.00	28.90 1.03 0.00	27.87 0.99 0.00	27.58 1.02 0.00	30.73 1.29 0.00	29.14 1.22 0.00	22.21 0.91 0.00	21.78 1.00 0.00	22.84 1.13 0.00	23.72 1.18 0.00	22.53 1.14 0.00	26.31 1.28 0.00	29.52 1.47 0.00	32.86 1.66 0.00	35.77 1.49 -6.80	33.64 1.81 0.00	27.80 1.39 0.00	28.33 1.40 0.00	33.58 1.65 0.00	31.83 1.57 0.00	30.22 1.42 0.00	26.58 1.06 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	29.21 1.00 0.00	29.03 1.02 0.00	30.16 0.99 0.00	28.82 0.95 0.00	27.78 0.90 0.00	27.51 0.95 0.00	30.60 1.16 0.00	29.01 1.09 0.00	22.08 0.77 0.00	21.59 0.81 0.00	22.61 0.90 0.00	23.47 0.93 0.00	22.28 0.89 0.00	26.04 1.01 0.00	29.23 1.17 0.00	32.57 1.37 0.00	26.47 1.25 2.25	33.38 1.56 0.00	27.63 1.22 0.00	28.17 1.25 0.00	33.39 1.46 0.00	31.66 1.40 0.00	30.06 1.27 0.00	26.45 0.94 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	29.51 1.31 0.00	29.38 1.36 0.00	30.47 1.30 0.00	29.10 1.23 0.00	28.05 1.17 0.00	27.73 1.17 0.00	30.96 1.53 0.00	29.35 1.43 0.00	22.36 1.06 0.00	21.91 1.13 0.00	22.96 1.25 0.00	23.84 1.31 0.00	22.66 1.27 0.00	26.45 1.42 0.00	29.68 1.62 0.00	33.03 1.84 0.00	35.93 1.66 -6.79	33.83 2.01 0.00	27.94 1.53 0.00	28.51 1.59 0.00	33.80 1.87 0.00	31.99 1.73 0.00	30.38 1.58 0.00	26.71 1.20 0.00
E179THST_13_KV_LOAD 356214	29.63 1.42 0.00	29.50 1.48 0.00	30.58 1.41 0.00	29.20 1.33 0.00	28.16 1.28 0.00	27.84 1.28 0.00	31.10 1.66 0.00	29.48 1.56 0.00	22.46 1.16 0.00	22.01 1.23 0.00	23.07 1.36 0.00	23.95 1.42 0.00	22.76 1.37 0.00	26.57 1.54 0.00	29.82 1.76 0.00	33.19 1.99 0.00	36.07 1.80 -6.79	34.00 2.18 0.00	28.08 1.67 0.00	28.65 1.72 0.00	33.96 2.03 0.00	32.14 1.88 0.00	30.51 1.71 0.00	26.82 1.31 0.00



EAST HAMPTON___GT 23717	30.48 2.28 0.00	30.63 2.62 0.00	31.62 2.45 0.00	30.20 2.33 0.00	29.15 2.27 0.00	226.67 2.37 -197.74	245.37 2.75 -213.18	161.64 2.81 -130.91	155.95 2.05 -132.60	37.68 2.15 -14.75	24.04 2.32 -0.01	24.83 2.30 0.00	22.13 2.18 1.44	26.52 2.66 1.17	30.61 3.28 0.73	34.98 3.78 0.00	88.26 3.71 -57.07	105.84 4.11 -69.91	60.02 3.27 -30.34	37.58 3.31 -7.34	42.48 4.07 -6.49	43.18 3.59 -9.33	53.33 3.50 -21.04	31.57 2.88 -3.19
EAST RIVER___6 23660	29.36 1.16 0.00	29.15 1.14 0.00	30.24 1.07 0.00	28.89 1.02 0.00	27.87 0.99 0.00	27.56 1.00 0.00	30.76 1.32 0.00	29.18 1.26 0.00	22.27 0.97 0.00	21.87 1.09 0.00	22.93 1.22 0.00	23.82 1.29 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.63 1.57 0.00	33.00 1.80 0.00	35.91 1.61 -6.82	33.79 1.96 0.00	27.91 1.50 0.00	28.45 1.52 0.00	33.70 1.78 0.00	31.92 1.66 0.00	30.29 1.49 0.00	26.61 1.09 0.00
EAST RIVER___7 23524	29.36 1.16 0.00	29.15 1.14 0.00	30.24 1.07 0.00	28.89 1.02 0.00	27.87 0.99 0.00	27.56 1.00 0.00	30.76 1.32 0.00	29.18 1.26 0.00	22.27 0.97 0.00	21.87 1.09 0.00	22.93 1.22 0.00	23.82 1.29 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.63 1.57 0.00	33.00 1.80 0.00	35.91 1.61 -6.82	33.79 1.96 0.00	27.91 1.50 0.00	28.45 1.52 0.00	33.70 1.78 0.00	31.92 1.66 0.00	30.29 1.49 0.00	26.61 1.09 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	29.31 1.11 0.00	29.14 1.13 0.00	30.24 1.08 0.00	28.88 1.01 0.00	27.85 0.98 0.00	27.57 1.01 0.00	30.71 1.27 0.00	29.11 1.19 0.00	22.18 0.88 0.00	21.75 0.96 0.00	22.80 1.09 0.00	23.67 1.14 0.00	22.49 1.11 0.00	26.28 1.26 0.00	29.48 1.42 0.00	32.81 1.61 0.00	36.20 1.44 -7.28	33.57 1.75 0.00	27.76 1.35 0.00	28.27 1.35 0.00	33.52 1.59 0.00	31.77 1.51 0.00	30.17 1.38 0.00	26.53 1.02 0.00
EAST_HAMPTON___DIESEL 23722	30.48 2.28 0.00	30.63 2.62 0.00	31.62 2.45 0.00	30.21 2.33 0.00	29.15 2.27 0.00	226.67 2.37 -197.74	245.37 2.75 -213.18	161.64 2.81 -130.91	155.96 2.06 -132.60	37.68 2.15 -14.75	24.05 2.33 -0.01	24.84 2.30 0.00	22.13 2.18 1.44	26.52 2.67 1.17	30.61 3.28 0.73	34.98 3.78 0.00	88.26 3.71 -57.07	105.84 4.11 -69.91	60.02 3.27 -30.34	37.58 3.31 -7.34	42.48 4.07 -6.49	43.18 3.59 -9.33	53.34 3.50 -21.04	31.58 2.88 -3.19
EAST_PULASKI___ESR 323781	27.91 -0.30 0.00	27.66 -0.35 0.00	28.83 -0.34 0.00	27.60 -0.28 0.00	26.65 -0.23 0.00	26.34 -0.23 0.00	29.23 -0.21 0.00	27.76 -0.16 0.00	21.16 -0.14 0.00	20.56 -0.22 0.00	21.39 -0.32 0.00	22.19 -0.34 0.00	21.04 -0.35 0.00	24.60 -0.43 0.00	27.57 -0.48 0.00	30.80 -0.40 0.00	27.29 -0.19 0.00	31.62 -0.20 0.00	26.25 -0.16 0.00	26.75 -0.18 0.00	31.72 -0.21 0.00	29.97 -0.29 0.00	28.46 -0.33 0.00	25.25 -0.26 0.00
EAST_RIVER___1 323558	29.38 1.17 0.00	29.18 1.16 0.00	30.27 1.11 0.00	28.91 1.04 0.00	27.87 1.00 0.00	27.58 1.02 0.00	30.77 1.34 0.00	29.18 1.26 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.92 1.21 0.00	23.80 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.61 1.56 0.00	32.97 1.77 0.00	35.89 1.59 -6.82	33.76 1.94 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.69 1.76 0.00	31.91 1.65 0.00	30.28 1.48 0.00	26.60 1.09 0.00
EAST_RIVER___2 323559	29.36 1.16 0.00	29.15 1.14 0.00	30.24 1.07 0.00	28.89 1.02 0.00	27.87 0.99 0.00	27.56 1.00 0.00	30.76 1.32 0.00	29.18 1.26 0.00	22.27 0.97 0.00	21.87 1.09 0.00	22.93 1.22 0.00	23.82 1.29 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.63 1.57 0.00	33.00 1.80 0.00	35.91 1.61 -6.82	33.79 1.96 0.00	27.91 1.50 0.00	28.45 1.52 0.00	33.70 1.78 0.00	31.92 1.66 0.00	30.29 1.49 0.00	26.61 1.09 0.00
EAST___DELAWARE_HYD 23607	29.03 0.83 0.00	28.83 0.81 0.00	29.82 0.65 0.00	28.47 0.60 0.00	27.45 0.57 0.00	27.22 0.65 0.00	30.34 0.91 0.00	28.78 0.86 0.00	21.88 0.58 0.00	21.35 0.57 0.00	22.29 0.58 0.00	23.01 0.47 0.00	21.32 -0.07 0.00	24.97 -0.05 0.00	28.04 -0.02 0.00	31.37 0.17 0.00	26.17 0.33 1.64	32.37 0.55 0.00	26.81 0.40 0.00	27.43 0.50 0.00	33.25 1.32 0.00	31.48 1.22 0.00	29.87 1.07 0.00	26.26 0.75 0.00
EIGHT_POINT___WT_PWR 323820	28.40 0.19 0.00	28.21 0.19 0.00	29.22 0.05 0.00	28.00 0.12 0.00	27.48 0.60 0.00	27.23 0.66 0.00	30.27 0.84 0.00	28.48 0.56 0.00	21.68 0.38 0.00	21.26 0.48 0.00	22.18 0.47 0.00	23.12 0.59 0.00	21.89 0.50 0.00	25.51 0.48 0.00	28.66 0.60 0.00	31.71 0.51 0.00	27.18 -0.30 0.00	31.20 -0.63 0.00	25.64 -0.77 0.00	25.98 -0.95 0.00	30.47 -1.46 0.00	28.55 -1.71 0.00	26.90 -1.90 0.00	23.78 -1.73 0.00
ELBRIDGE_115KV_TB2 80188	28.09 -0.11 0.00	27.93 -0.09 0.00	29.10 -0.07 0.00	27.77 -0.10 0.00	26.83 -0.05 0.00	26.46 -0.11 0.00	29.34 -0.10 0.00	27.78 -0.14 0.00	21.22 -0.07 0.00	20.70 -0.08 0.00	21.58 -0.13 0.00	22.41 -0.12 0.00	21.26 -0.13 0.00	24.86 -0.16 0.00	27.83 -0.22 0.00	30.95 -0.25 0.00	27.20 -0.28 0.00	31.53 -0.29 0.00	26.15 -0.26 0.00	26.66 -0.26 0.00	31.50 -0.43 0.00	29.82 -0.43 0.00	28.41 -0.39 0.00	25.23 -0.28 0.00
ELEC_TRO_TEK 24086	29.37 1.17 0.00	29.28 1.26 0.00	30.29 1.12 0.00	28.90 1.03 0.00	27.87 0.98 0.00	27.64 1.07 0.00	30.78 1.35 0.00	29.25 1.34 0.00	22.27 0.98 0.00	21.91 1.13 0.00	23.01 1.30 0.00	23.86 1.33 0.00	29.64 1.30 -6.95	32.24 1.57 -5.65	33.47 1.89 -3.53	33.25 2.05 0.00	41.19 2.03 -11.69	34.04 2.21 0.00	28.07 1.66 0.00	28.59 1.66 0.00	34.00 2.07 0.00	32.10 1.84 0.00	30.62 1.83 0.00	26.93 1.42 0.00
ELLENBURG_WT_PWR 323604	27.29 -0.91 0.00	27.24 -0.77 0.00	28.24 -0.92 0.00	27.18 -0.69 0.00	26.39 -0.49 0.00	26.41 -0.15 0.00	29.62 0.19 0.00	28.28 0.36 0.00	21.93 0.63 0.00	21.55 0.77 0.00	22.82 1.11 0.00	23.79 1.26 0.00	22.53 1.14 0.00	26.34 1.32 0.00	29.25 1.20 0.00	32.58 1.38 0.00	28.55 1.07 0.00	33.02 1.20 0.00	27.53 1.12 0.00	28.33 1.41 0.00	34.85 2.93 0.00	32.90 2.64 0.00	30.88 2.09 0.00	27.25 1.74 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	27.89 -0.31 0.00	27.81 -0.20 0.00	28.87 -0.30 0.00	27.42 -0.46 0.00	26.75 -0.13 0.00	26.36 -0.20 0.00	29.22 -0.21 0.00	27.53 -0.39 0.00	21.15 -0.15 0.00	20.81 0.03 0.00	21.60 -0.11 0.00	22.55 0.01 0.00	21.35 -0.04 0.00	24.89 -0.14 0.00	27.80 -0.26 0.00	30.45 -0.75 0.00	26.04 -1.44 0.00	29.95 -1.87 0.00	24.56 -1.85 0.00	25.10 -1.83 0.00	30.00 -1.93 0.00	28.39 -1.87 0.00	26.87 -1.92 0.00	24.04 -1.48 0.00
EMPIRE_CC_1 323656	28.92 0.71 0.00	28.71 0.70 0.00	29.88 0.71 0.00	28.58 0.70 0.00	27.55 0.67 0.00	27.19 0.63 0.00	29.97 0.53 0.00	28.40 0.48 0.00	21.61 0.32 0.00	21.06 0.28 0.00	22.08 0.37 0.00	22.86 0.33 0.00	21.76 0.37 0.00	25.49 0.46 0.00	28.67 0.61 0.00	31.90 0.70 0.00	29.66 0.59 -1.59	32.52 0.70 0.00	27.00 0.58 0.00	27.48 0.56 0.00	32.64 0.71 0.00	30.99 0.73 0.00	29.57 0.78 0.00	26.18 0.67 0.00



EMPIRE_CC_2 323658	28.92 0.71 0.00	28.71 0.70 0.00	29.88 0.71 0.00	28.58 0.70 0.00	27.55 0.67 0.00	27.19 0.63 0.00	29.97 0.53 0.00	28.40 0.48 0.00	21.61 0.32 0.00	21.06 0.28 0.00	22.08 0.37 0.00	22.86 0.33 0.00	21.76 0.37 0.00	25.49 0.46 0.00	28.67 0.61 0.00	31.90 0.70 0.00	29.66 0.59 -1.59	32.52 0.70 0.00	27.00 0.58 0.00	27.48 0.56 0.00	32.64 0.71 0.00	30.99 0.73 0.00	29.57 0.78 0.00	26.18 0.67 0.00
ENORWICH_115KV_TB1 80156	30.42 2.22 0.00	30.14 2.13 0.00	31.55 2.39 0.00	30.18 2.31 0.00	29.23 2.35 0.00	29.08 2.52 0.00	32.54 3.11 0.00	30.91 3.00 0.00	23.30 2.00 0.00	22.46 1.68 0.00	23.26 1.55 0.00	24.11 1.58 0.00	22.87 1.48 0.00	26.74 1.71 0.00	30.14 2.08 0.00	34.01 2.81 0.00	30.33 2.85 0.00	35.29 3.47 0.00	29.23 2.82 0.00	29.78 2.86 0.00	35.18 3.25 0.00	33.14 2.88 0.00	31.26 2.47 0.00	27.38 1.87 0.00
ERIE_ST__34_KV_TB1-2 80199	28.29 0.08 0.00	28.16 0.15 0.00	29.24 0.07 0.00	27.78 -0.10 0.00	27.13 0.25 0.00	26.72 0.16 0.00	29.66 0.22 0.00	27.98 0.07 0.00	21.47 0.17 0.00	21.10 0.31 0.00	21.93 0.22 0.00	22.90 0.37 0.00	21.70 0.31 0.00	25.29 0.26 0.00	28.29 0.23 0.00	31.05 -0.15 0.00	26.58 -0.90 0.00	30.63 -1.19 0.00	25.12 -1.29 0.00	25.67 -1.26 0.00	30.63 -1.30 0.00	28.97 -1.29 0.00	27.43 -1.37 0.00	24.49 -1.02 0.00
ERIE_WT_PWR 323693	28.08 -0.12 0.00	27.98 -0.03 0.00	29.05 -0.11 0.00	27.59 -0.29 0.00	26.94 0.06 0.00	26.56 -0.01 0.00	29.46 0.03 0.00	27.77 -0.15 0.00	21.31 0.02 0.00	20.95 0.17 0.00	21.77 0.06 0.00	22.72 0.18 0.00	21.52 0.12 0.00	25.07 0.04 0.00	28.01 -0.04 0.00	30.72 -0.48 0.00	26.27 -1.21 0.00	30.23 -1.60 0.00	24.79 -1.63 0.00	25.33 -1.59 0.00	30.22 -1.71 0.00	28.59 -1.67 0.00	27.05 -1.75 0.00	24.19 -1.32 0.00
ESPRGFLD_115KV_TB1 80157	29.43 1.23 0.00	29.24 1.23 0.00	30.48 1.31 0.00	29.12 1.25 0.00	28.14 1.26 0.00	27.88 1.32 0.00	31.12 1.68 0.00	29.55 1.64 0.00	22.54 1.25 0.00	21.99 1.20 0.00	22.93 1.22 0.00	23.82 1.29 0.00	22.59 1.20 0.00	26.31 1.28 0.00	29.43 1.37 0.00	32.86 1.66 0.00	29.07 1.59 0.00	33.73 1.91 0.00	27.95 1.54 0.00	28.53 1.61 0.00	33.76 1.83 0.00	31.87 1.61 0.00	30.13 1.34 0.00	26.62 1.11 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	28.95 0.75 0.00	28.76 0.74 0.00	29.97 0.81 0.00	28.62 0.74 0.00	27.67 0.79 0.00	27.37 0.81 0.00	30.44 1.01 0.00	28.86 0.94 0.00	21.94 0.64 0.00	21.29 0.51 0.00	22.15 0.45 0.00	22.97 0.43 0.00	21.78 0.39 0.00	25.48 0.45 0.00	28.60 0.54 0.00	31.95 0.76 0.00	28.24 0.77 0.00	32.78 0.96 0.00	27.15 0.74 0.00	27.69 0.76 0.00	32.72 0.79 0.00	30.92 0.66 0.00	29.36 0.57 0.00	25.99 0.48 0.00
ETNA_____115KV_TB2 80207	28.95 0.75 0.00	28.76 0.74 0.00	29.97 0.81 0.00	28.62 0.74 0.00	27.67 0.79 0.00	27.37 0.81 0.00	30.44 1.01 0.00	28.86 0.94 0.00	21.94 0.64 0.00	21.29 0.51 0.00	22.15 0.45 0.00	22.97 0.43 0.00	21.78 0.39 0.00	25.48 0.45 0.00	28.60 0.54 0.00	31.95 0.76 0.00	28.24 0.77 0.00	32.78 0.96 0.00	27.15 0.74 0.00	27.69 0.76 0.00	32.72 0.79 0.00	30.92 0.66 0.00	29.36 0.57 0.00	25.99 0.48 0.00
EUCLID___115KV_TB2 356179	27.91 -0.29 0.00	27.72 -0.29 0.00	28.85 -0.31 0.00	27.56 -0.31 0.00	26.60 -0.28 0.00	26.23 -0.33 0.00	29.03 -0.41 0.00	27.53 -0.39 0.00	21.02 -0.28 0.00	20.51 -0.27 0.00	21.40 -0.31 0.00	22.22 -0.31 0.00	21.08 -0.31 0.00	24.66 -0.37 0.00	27.63 -0.43 0.00	30.66 -0.53 0.00	26.97 -0.50 0.00	31.21 -0.61 0.00	25.91 -0.50 0.00	26.41 -0.52 0.00	31.22 -0.71 0.00	29.61 -0.65 0.00	28.22 -0.57 0.00	25.09 -0.42 0.00
E_CANADA_CAP_HY 24051	29.53 1.32 0.00	29.33 1.31 0.00	30.57 1.40 0.00	29.20 1.33 0.00	28.27 1.38 0.00	27.98 1.42 0.00	31.24 1.80 0.00	29.71 1.79 0.00	22.63 1.33 0.00	22.01 1.22 0.00	22.92 1.21 0.00	23.82 1.29 0.00	22.58 1.19 0.00	26.29 1.27 0.00	29.40 1.34 0.00	32.88 1.68 0.00	29.22 1.74 0.00	33.85 2.02 0.00	28.08 1.67 0.00	28.65 1.73 0.00	33.97 2.05 0.00	32.02 1.77 0.00	30.26 1.47 0.00	26.78 1.27 0.00
E_CANADA_MHWK_HY 24050	28.62 0.41 0.00	28.32 0.31 0.00	29.56 0.39 0.00	28.23 0.36 0.00	27.29 0.42 0.00	27.15 0.59 0.00	30.21 0.77 0.00	28.70 0.78 0.00	21.61 0.32 0.00	20.80 0.02 0.00	21.65 -0.06 0.00	22.40 -0.13 0.00	21.27 -0.12 0.00	24.95 -0.07 0.00	28.17 0.12 0.00	31.69 0.49 0.00	28.23 0.75 0.00	32.84 1.02 0.00	27.26 0.84 0.00	27.77 0.85 0.00	32.84 0.91 0.00	30.89 0.63 0.00	29.31 0.51 0.00	25.88 0.37 0.00
E_FISHKILL___LBMP 23776	29.18 0.97 0.00	29.01 0.99 0.00	30.13 0.96 0.00	28.79 0.91 0.00	27.75 0.87 0.00	27.46 0.89 0.00	30.54 1.11 0.00	28.96 1.05 0.00	22.07 0.77 0.00	21.61 0.83 0.00	22.64 0.93 0.00	23.50 0.97 0.00	22.33 0.94 0.00	26.11 1.08 0.00	29.30 1.24 0.00	32.59 1.40 0.00	30.87 1.26 -2.13	33.36 1.54 0.00	27.60 1.19 0.00	28.12 1.20 0.00	33.32 1.40 0.00	31.59 1.34 0.00	30.02 1.22 0.00	26.42 0.91 0.00
FALCON___SEABRD_CC1 323796	27.66 -0.54 0.00	27.59 -0.43 0.00	28.60 -0.57 0.00	27.52 -0.35 0.00	26.76 -0.12 0.00	26.80 0.24 0.00	30.06 0.62 0.00	28.71 0.79 0.00	22.27 0.97 0.00	21.88 1.10 0.00	23.21 1.50 0.00	24.18 1.65 0.00	22.88 1.49 0.00	26.76 1.74 0.00	29.68 1.63 0.00	33.11 1.91 0.00	29.04 1.56 0.00	33.54 1.72 0.00	27.98 1.57 0.00	28.81 1.89 0.00	35.40 3.48 0.00	33.42 3.16 0.00	31.39 2.60 0.00	27.70 2.20 0.00
FALCON___SEABRD_CC2 323797	27.66 -0.54 0.00	27.59 -0.43 0.00	28.60 -0.57 0.00	27.52 -0.35 0.00	26.76 -0.12 0.00	26.80 0.24 0.00	30.06 0.62 0.00	28.71 0.79 0.00	22.27 0.97 0.00	21.88 1.10 0.00	23.21 1.50 0.00	24.18 1.65 0.00	22.88 1.49 0.00	26.76 1.74 0.00	29.68 1.63 0.00	33.11 1.91 0.00	29.04 1.56 0.00	33.54 1.72 0.00	27.98 1.57 0.00	28.81 1.89 0.00	35.40 3.48 0.00	33.42 3.16 0.00	31.39 2.60 0.00	27.70 2.20 0.00
FAR ROCKAWAY___4 23548	29.76 1.56 0.00	29.65 1.64 0.00	30.67 1.51 0.00	29.26 1.38 0.00	28.21 1.33 0.00	28.01 1.45 0.00	31.19 1.75 0.00	29.65 1.73 0.00	22.56 1.27 0.00	22.19 1.41 0.00	23.33 1.62 0.00	24.21 1.67 0.00	41.98 1.61 -18.97	42.38 1.94 -15.41	39.88 2.20 -9.63	33.41 2.21 0.00	43.57 2.30 -13.79	34.49 2.66 0.00	28.47 2.06 0.00	28.97 2.04 0.00	34.56 2.64 0.00	32.59 2.33 0.00	31.06 2.26 0.00	27.31 1.80 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	29.41 1.20 0.00	29.21 1.20 0.00	30.30 1.14 0.00	28.94 1.07 0.00	27.90 1.02 0.00	27.61 1.04 0.00	30.82 1.38 0.00	29.23 1.31 0.00	22.29 0.99 0.00	21.88 1.10 0.00	22.94 1.24 0.00	23.82 1.29 0.00	22.64 1.25 0.00	26.42 1.39 0.00	29.64 1.58 0.00	33.00 1.80 0.00	35.91 1.62 -6.81	33.79 1.97 0.00	27.92 1.51 0.00	28.44 1.51 0.00	33.72 1.79 0.00	31.94 1.68 0.00	30.31 1.51 0.00	26.63 1.12 0.00



FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	29.42 1.21 0.00	29.22 1.21 0.00	30.32 1.15 0.00	28.96 1.09 0.00	27.92 1.04 0.00	27.62 1.05 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.30 1.00 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.83 1.30 0.00	22.65 1.26 0.00	26.44 1.41 0.00	29.65 1.59 0.00	33.01 1.82 0.00	35.92 1.63 -6.81	33.79 1.97 0.00	27.93 1.51 0.00	28.46 1.53 0.00	33.74 1.81 0.00	31.96 1.70 0.00	30.33 1.53 0.00	26.65 1.14 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	29.39 1.18 0.00	29.20 1.18 0.00	30.29 1.13 0.00	28.93 1.06 0.00	27.90 1.02 0.00	27.59 1.03 0.00	30.80 1.36 0.00	29.21 1.29 0.00	22.28 0.98 0.00	21.87 1.09 0.00	22.93 1.22 0.00	23.82 1.28 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.63 1.57 0.00	32.99 1.79 0.00	35.90 1.60 -6.81	33.76 1.94 0.00	27.90 1.49 0.00	28.42 1.49 0.00	33.69 1.76 0.00	31.92 1.66 0.00	30.29 1.50 0.00	26.61 1.10 0.00
FARRAGUT___LBMP 323566	29.37 1.17 0.00	29.18 1.17 0.00	30.27 1.11 0.00	28.91 1.04 0.00	27.87 0.99 0.00	27.58 1.01 0.00	30.77 1.34 0.00	29.19 1.27 0.00	22.26 0.96 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.79 1.26 0.00	22.61 1.21 0.00	26.39 1.36 0.00	29.59 1.54 0.00	32.95 1.76 0.00	35.87 1.58 -6.81	33.73 1.91 0.00	27.87 1.46 0.00	28.40 1.48 0.00	33.67 1.75 0.00	31.90 1.64 0.00	30.27 1.48 0.00	26.60 1.09 0.00
FENNER___WINDPWR 24204	28.79 0.58 0.00	28.58 0.56 0.00	29.78 0.61 0.00	28.48 0.61 0.00	27.52 0.64 0.00	27.25 0.69 0.00	30.30 0.87 0.00	28.77 0.85 0.00	21.90 0.60 0.00	21.28 0.49 0.00	22.17 0.46 0.00	23.00 0.46 0.00	21.80 0.41 0.00	25.50 0.47 0.00	28.62 0.57 0.00	31.94 0.73 0.00	28.29 0.82 0.00	32.77 0.95 0.00	27.18 0.77 0.00	27.70 0.78 0.00	32.84 0.91 0.00	31.05 0.79 0.00	29.45 0.65 0.00	25.98 0.47 0.00
FIBERTEK___ENERGY 23856	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
FITZPATRICK____ 23598	27.50 -0.70 0.00	27.32 -0.69 0.00	28.44 -0.73 0.00	27.16 -0.71 0.00	26.21 -0.67 0.00	25.84 -0.72 0.00	28.60 -0.84 0.00	27.12 -0.80 0.00	20.72 -0.58 0.00	20.22 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.78 -0.61 0.00	24.31 -0.72 0.00	27.22 -0.84 0.00	30.21 -0.99 0.00	26.59 -0.88 0.00	30.76 -1.07 0.00	25.56 -0.85 0.00	26.04 -0.88 0.00	30.81 -1.12 0.00	29.20 -1.06 0.00	27.85 -0.94 0.00	24.78 -0.73 0.00
FLOWRFLD_69_KV_BK1 356044	29.62 1.41 0.00	29.65 1.63 0.00	30.61 1.44 0.00	29.21 1.34 0.00	28.17 1.29 0.00	264.17 1.39 -236.22	285.78 1.68 -254.66	185.98 1.67 -156.39	180.96 1.25 -158.40	39.82 1.41 -17.62	23.32 1.60 -0.01	24.10 1.57 0.00	21.51 1.49 1.37	25.77 1.86 1.11	29.65 2.29 0.69	33.80 2.60 0.00	95.15 2.62 -65.06	118.06 2.73 -83.51	64.69 2.04 -36.24	37.72 2.02 -8.77	42.32 2.64 -7.75	43.70 2.29 -11.15	56.26 2.34 -25.14	31.22 1.90 -3.81
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	29.50 1.30 0.00	29.32 1.31 0.00	30.46 1.29 0.00	29.11 1.24 0.00	28.08 1.20 0.00	27.81 1.24 0.00	30.96 1.53 0.00	29.36 1.44 0.00	22.35 1.05 0.00	21.86 1.08 0.00	22.88 1.17 0.00	23.75 1.22 0.00	22.55 1.17 0.00	26.37 1.35 0.00	29.63 1.57 0.00	33.00 1.81 0.00	29.13 1.65 0.00	33.83 2.01 0.00	28.01 1.59 0.00	28.52 1.59 0.00	33.80 1.87 0.00	32.02 1.76 0.00	30.39 1.59 0.00	26.74 1.23 0.00
FORT ORANGE____ 23900	28.92 0.72 0.00	28.72 0.71 0.00	29.91 0.75 0.00	28.61 0.74 0.00	27.56 0.68 0.00	27.28 0.72 0.00	30.21 0.78 0.00	28.67 0.76 0.00	21.78 0.48 0.00	21.15 0.36 0.00	22.09 0.38 0.00	22.88 0.35 0.00	21.75 0.37 0.00	25.50 0.47 0.00	28.71 0.65 0.00	31.99 0.79 0.00	29.58 0.83 -1.27	32.84 1.01 0.00	27.24 0.82 0.00	27.75 0.82 0.00	32.92 1.00 0.00	31.20 0.94 0.00	29.68 0.89 0.00	26.23 0.72 0.00
FORT_DRUM_COGEN 23780	28.22 0.01 0.00	27.85 -0.16 0.00	29.15 -0.02 0.00	28.04 0.17 0.00	27.15 0.27 0.00	26.95 0.38 0.00	30.21 0.78 0.00	28.79 0.87 0.00	21.89 0.59 0.00	21.05 0.27 0.00	21.81 0.10 0.00	22.60 0.06 0.00	21.37 -0.02 0.00	24.96 -0.07 0.00	28.00 -0.06 0.00	31.66 0.46 0.00	28.54 1.06 0.00	33.15 1.33 0.00	27.48 1.07 0.00	27.99 1.06 0.00	33.42 1.49 0.00	31.39 1.13 0.00	29.52 0.72 0.00	26.00 0.49 0.00
FOX_HILLS___ESR 323835	29.46 1.26 0.00	29.32 1.30 0.00	30.40 1.23 0.00	29.04 1.17 0.00	27.99 1.11 0.00	27.69 1.12 0.00	30.93 1.49 0.00	29.31 1.39 0.00	22.35 1.05 0.00	21.92 1.14 0.00	22.96 1.25 0.00	23.85 1.32 0.00	22.66 1.27 0.00	26.44 1.42 0.00	29.68 1.62 0.00	33.06 1.86 0.00	35.94 1.67 -6.79	33.86 2.04 0.00	27.99 1.58 0.00	28.59 1.66 0.00	33.90 1.97 0.00	32.13 1.87 0.00	30.50 1.70 0.00	26.74 1.23 0.00
FPL_FAR_ROCK_GT1 24212	29.76 1.56 0.00	29.65 1.64 0.00	30.67 1.51 0.00	29.25 1.38 0.00	28.21 1.33 0.00	28.01 1.45 0.00	31.18 1.74 0.00	29.62 1.70 0.00	22.55 1.25 0.00	22.19 1.41 0.00	23.33 1.62 0.00	24.21 1.67 0.00	41.98 1.61 -18.97	42.38 1.94 -15.41	39.88 2.20 -9.63	33.41 2.21 0.00	43.52 2.25 -13.79	34.49 2.66 0.00	28.47 2.06 0.00	28.97 2.04 0.00	34.57 2.64 0.00	32.61 2.35 0.00	31.06 2.26 0.00	27.32 1.80 0.00
FPL_FAR_ROCK_GT2 23815	29.76 1.56 0.00	29.65 1.64 0.00	30.67 1.51 0.00	29.25 1.38 0.00	28.21 1.33 0.00	28.01 1.45 0.00	31.18 1.74 0.00	29.62 1.70 0.00	22.55 1.25 0.00	22.19 1.41 0.00	23.33 1.62 0.00	24.21 1.67 0.00	41.98 1.61 -18.97	42.38 1.94 -15.41	39.88 2.20 -9.63	33.41 2.21 0.00	43.52 2.25 -13.79	34.49 2.66 0.00	28.47 2.06 0.00	28.97 2.04 0.00	34.57 2.64 0.00	32.61 2.35 0.00	31.06 2.26 0.00	27.32 1.80 0.00
FRANKLIN_FALL_HYD 24054	27.65 -0.55 0.00	27.60 -0.42 0.00	28.62 -0.55 0.00	27.51 -0.36 0.00	26.71 -0.17 0.00	26.72 0.16 0.00	30.15 0.71 0.00	30.59 2.67 0.00	23.78 2.48 0.00	23.32 2.54 0.00	24.43 2.72 0.00	25.38 2.85 0.00	23.84 2.46 0.00	27.70 2.67 0.00	30.90 2.84 0.00	34.58 3.38 0.00	30.35 2.87 0.00	33.71 1.89 0.00	27.87 1.46 0.00	28.64 1.72 0.00	35.27 3.34 0.00	33.28 3.02 0.00	31.18 2.38 0.00	27.49 1.98 0.00
FREEPORT_EQUS_GT1 23764	29.51 1.31 0.00	29.43 1.42 0.00	30.44 1.27 0.00	29.03 1.16 0.00	28.00 1.11 0.00	27.78 1.22 0.00	30.93 1.50 0.00	29.39 1.47 0.00	22.38 1.08 0.00	22.01 1.23 0.00	23.13 1.42 0.00	23.97 1.44 0.00	28.65 1.39 -5.86	31.49 1.70 -4.76	33.08 2.05 -2.98	33.46 2.27 0.00	43.61 2.13 -14.00	34.20 2.38 0.00	28.21 1.80 0.00	28.73 1.80 0.00	34.20 2.27 0.00	32.35 2.09 0.00	30.86 2.07 0.00	27.13 1.62 0.00



FREEPORT___CT2 23818	29.51 1.31 0.00	29.43 1.42 0.00	30.44 1.27 0.00	29.03 1.16 0.00	28.00 1.11 0.00	27.78 1.22 0.00	30.93 1.50 0.00	29.39 1.47 0.00	22.38 1.08 0.00	22.01 1.23 0.00	23.13 1.42 0.00	23.97 1.44 0.00	28.65 1.39 -5.86	31.49 1.70 -4.76	33.08 2.05 -2.98	33.46 2.27 0.00	43.61 2.13 -14.00	34.20 2.38 0.00	28.21 1.80 0.00	28.73 1.80 0.00	34.20 2.27 0.00	32.35 2.09 0.00	30.86 2.07 0.00	27.13 1.62 0.00
FRESHKLS_33_KV_LOAD 356253	29.48 1.28 0.00	29.32 1.31 0.00	30.41 1.24 0.00	29.05 1.17 0.00	28.00 1.12 0.00	27.69 1.12 0.00	30.93 1.49 0.00	29.31 1.39 0.00	22.34 1.05 0.00	21.91 1.13 0.00	22.94 1.23 0.00	23.83 1.30 0.00	22.63 1.24 0.00	26.41 1.39 0.00	29.65 1.59 0.00	33.04 1.84 0.00	35.94 1.67 -6.79	33.88 2.06 0.00	28.02 1.61 0.00	28.64 1.71 0.00	33.94 2.01 0.00	32.17 1.92 0.00	30.53 1.74 0.00	26.76 1.25 0.00
FULTON COGEN____ 23766	27.86 -0.35 0.00	27.66 -0.36 0.00	28.78 -0.38 0.00	27.49 -0.38 0.00	26.54 -0.34 0.00	26.19 -0.37 0.00	29.00 -0.44 0.00	27.50 -0.42 0.00	20.98 -0.32 0.00	20.46 -0.32 0.00	21.35 -0.36 0.00	22.17 -0.37 0.00	21.03 -0.36 0.00	24.60 -0.42 0.00	27.57 -0.49 0.00	30.62 -0.57 0.00	26.97 -0.51 0.00	31.22 -0.60 0.00	25.92 -0.49 0.00	26.41 -0.51 0.00	31.22 -0.71 0.00	29.57 -0.69 0.00	28.17 -0.62 0.00	25.07 -0.45 0.00
FULTON___LFGE 323630	30.14 1.94 0.00	29.90 1.88 0.00	31.20 2.04 0.00	29.79 1.91 0.00	28.85 1.97 0.00	28.59 2.03 0.00	31.80 2.37 0.00	30.11 2.19 0.00	22.27 0.97 0.00	21.17 0.39 0.00	22.01 0.31 0.00	22.85 0.31 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.66 0.60 0.00	33.02 1.82 0.00	29.81 2.33 0.00	34.54 2.71 0.00	28.66 2.25 0.00	29.17 2.25 0.00	34.67 2.74 0.00	32.66 2.41 0.00	30.87 2.07 0.00	27.31 1.80 0.00
G.F.CEMENT___DRP 24184	30.09 1.89 0.00	29.90 1.88 0.00	31.20 2.03 0.00	29.84 1.97 0.00	28.90 2.02 0.00	28.67 2.12 0.00	31.82 2.38 0.00	30.16 2.24 0.00	22.81 1.51 0.00	22.10 1.32 0.00	23.08 1.36 0.00	23.85 1.31 0.00	22.60 1.21 0.00	26.45 1.43 0.00	29.69 1.64 0.00	33.00 1.80 0.00	30.20 1.45 -1.28	33.53 1.71 0.00	27.84 1.43 0.00	28.35 1.43 0.00	33.50 1.57 0.00	31.72 1.46 0.00	30.32 1.52 0.00	26.97 1.45 0.00
GARDENVILLE___LBMP 24039	28.00 -0.20 0.00	27.91 -0.11 0.00	28.98 -0.19 0.00	27.52 -0.35 0.00	26.86 -0.02 0.00	26.47 -0.09 0.00	29.35 -0.08 0.00	27.65 -0.27 0.00	21.23 -0.07 0.00	20.88 0.10 0.00	21.69 -0.02 0.00	22.64 0.11 0.00	21.44 0.05 0.00	24.99 -0.04 0.00	27.92 -0.13 0.00	30.60 -0.60 0.00	26.17 -1.31 0.00	30.11 -1.71 0.00	24.69 -1.72 0.00	25.23 -1.70 0.00	30.12 -1.81 0.00	28.49 -1.77 0.00	26.96 -1.83 0.00	24.10 -1.41 0.00
GARDNVLA_35_KV_LD 355827	28.10 -0.10 0.00	28.00 -0.01 0.00	29.08 -0.09 0.00	27.61 -0.26 0.00	26.95 0.07 0.00	26.57 0.00 0.00	29.47 0.04 0.00	27.78 -0.14 0.00	21.32 0.03 0.00	20.97 0.19 0.00	21.79 0.08 0.00	22.74 0.20 0.00	21.53 0.14 0.00	25.10 0.07 0.00	28.04 -0.01 0.00	30.75 -0.45 0.00	26.30 -1.18 0.00	30.27 -1.55 0.00	24.82 -1.60 0.00	25.36 -1.57 0.00	30.26 -1.66 0.00	28.63 -1.63 0.00	27.08 -1.72 0.00	24.20 -1.31 0.00
GELCKHM___115KV_LOAD 80723	28.02 -0.18 0.00	27.84 -0.18 0.00	28.98 -0.18 0.00	27.68 -0.19 0.00	26.71 -0.16 0.00	26.36 -0.21 0.00	29.20 -0.24 0.00	27.67 -0.24 0.00	21.12 -0.18 0.00	20.62 -0.17 0.00	21.51 -0.20 0.00	22.34 -0.19 0.00	21.19 -0.20 0.00	24.78 -0.24 0.00	27.76 -0.30 0.00	30.83 -0.36 0.00	27.13 -0.35 0.00	31.40 -0.42 0.00	26.06 -0.35 0.00	26.56 -0.37 0.00	31.39 -0.54 0.00	29.75 -0.51 0.00	28.35 -0.45 0.00	25.20 -0.31 0.00
GENERAL___MILLS 23808	28.06 -0.14 0.00	27.96 -0.05 0.00	29.04 -0.13 0.00	27.58 -0.30 0.00	26.92 0.04 0.00	26.53 -0.03 0.00	29.43 -0.01 0.00	27.73 -0.19 0.00	21.28 -0.01 0.00	20.94 0.15 0.00	21.76 0.05 0.00	22.70 0.17 0.00	21.50 0.11 0.00	25.05 0.02 0.00	27.99 -0.06 0.00	30.69 -0.50 0.00	26.25 -1.23 0.00	30.21 -1.61 0.00	24.77 -1.64 0.00	25.31 -1.61 0.00	30.21 -1.71 0.00	28.58 -1.68 0.00	27.04 -1.75 0.00	24.17 -1.34 0.00
GE_PLASTICS___DRP 24183	28.78 0.57 0.00	28.58 0.56 0.00	29.77 0.60 0.00	28.46 0.59 0.00	27.40 0.52 0.00	27.11 0.55 0.00	30.01 0.57 0.00	28.46 0.54 0.00	21.66 0.36 0.00	21.09 0.31 0.00	22.05 0.34 0.00	22.86 0.32 0.00	21.73 0.34 0.00	25.45 0.42 0.00	28.62 0.56 0.00	31.85 0.65 0.00	29.39 0.63 -1.28	32.58 0.76 0.00	27.02 0.61 0.00	27.51 0.59 0.00	32.66 0.73 0.00	30.96 0.70 0.00	29.47 0.68 0.00	26.05 0.54 0.00
GILBOA___1 23756	28.90 0.70 0.00	28.69 0.68 0.00	29.99 0.82 0.00	28.66 0.78 0.00	27.48 0.60 0.00	27.22 0.66 0.00	30.08 0.64 0.00	28.51 0.59 0.00	21.72 0.42 0.00	21.20 0.41 0.00	22.17 0.46 0.00	22.99 0.46 0.00	21.84 0.45 0.00	25.56 0.53 0.00	28.70 0.64 0.00	31.94 0.74 0.00	28.11 0.63 0.00	32.57 0.75 0.00	27.01 0.59 0.00	27.56 0.64 0.00	32.67 0.74 0.00	30.97 0.72 0.00	29.46 0.67 0.00	26.03 0.51 0.00
GILBOA___2 23757	28.90 0.70 0.00	28.69 0.68 0.00	29.99 0.82 0.00	28.66 0.78 0.00	27.48 0.60 0.00	27.22 0.66 0.00	30.08 0.64 0.00	28.51 0.59 0.00	21.72 0.42 0.00	21.20 0.41 0.00	22.17 0.46 0.00	22.99 0.46 0.00	21.84 0.45 0.00	25.56 0.53 0.00	28.70 0.64 0.00	31.94 0.74 0.00	28.11 0.63 0.00	32.57 0.75 0.00	27.01 0.59 0.00	27.56 0.64 0.00	32.67 0.74 0.00	30.97 0.72 0.00	29.46 0.67 0.00	26.03 0.51 0.00
GILBOA___3 23758	28.90 0.70 0.00	28.69 0.68 0.00	29.99 0.82 0.00	28.66 0.78 0.00	27.48 0.60 0.00	27.22 0.66 0.00	30.08 0.64 0.00	28.51 0.59 0.00	21.72 0.42 0.00	21.20 0.41 0.00	22.17 0.46 0.00	22.99 0.46 0.00	21.84 0.45 0.00	25.56 0.53 0.00	28.70 0.64 0.00	31.94 0.74 0.00	28.11 0.63 0.00	32.57 0.75 0.00	27.01 0.59 0.00	27.56 0.64 0.00	32.67 0.74 0.00	30.97 0.72 0.00	29.46 0.67 0.00	26.03 0.51 0.00
GILBOA___4 23759	28.90 0.70 0.00	28.69 0.68 0.00	29.99 0.82 0.00	28.66 0.78 0.00	27.48 0.60 0.00	27.22 0.66 0.00	30.08 0.64 0.00	28.51 0.59 0.00	21.72 0.42 0.00	21.20 0.41 0.00	22.17 0.46 0.00	22.99 0.46 0.00	21.84 0.45 0.00	25.56 0.53 0.00	28.70 0.64 0.00	31.94 0.74 0.00	28.11 0.63 0.00	32.57 0.75 0.00	27.01 0.59 0.00	27.56 0.64 0.00	32.67 0.74 0.00	30.97 0.72 0.00	29.46 0.67 0.00	26.03 0.51 0.00
GILBOA____ 23599	28.90 0.70 0.00	28.69 0.68 0.00	29.99 0.82 0.00	28.65 0.78 0.00	27.48 0.60 0.00	27.22 0.65 0.00	30.07 0.64 0.00	28.52 0.60 0.00	21.72 0.42 0.00	21.20 0.41 0.00	22.17 0.46 0.00	22.99 0.46 0.00	21.84 0.45 0.00	25.56 0.53 0.00	28.70 0.64 0.00	31.94 0.74 0.00	28.11 0.63 0.00	32.58 0.75 0.00	27.01 0.60 0.00	27.56 0.64 0.00	32.67 0.74 0.00	30.97 0.71 0.00	29.46 0.67 0.00	26.03 0.52 0.00



GINNA____ 23603	26.84 -1.36 0.00	26.72 -1.29 0.00	27.77 -1.40 0.00	26.47 -1.41 0.00	25.66 -1.22 0.00	25.37 -1.19 0.00	28.20 -1.24 0.00	26.68 -1.24 0.00	20.40 -0.90 0.00	19.99 -0.79 0.00	20.72 -0.99 0.00	21.55 -0.99 0.00	20.43 -0.96 0.00	23.88 -1.15 0.00	26.74 -1.31 0.00	29.61 -1.59 0.00	25.82 -1.66 0.00	29.80 -2.02 0.00	24.60 -1.81 0.00	25.07 -1.85 0.00	29.75 -2.17 0.00	28.14 -2.11 0.00	26.70 -2.09 0.00	23.81 -1.70 0.00
GLEN PARK____ 23778	28.30 0.09 0.00	27.92 -0.09 0.00	29.22 0.06 0.00	28.11 0.23 0.00	27.21 0.33 0.00	27.02 0.46 0.00	30.33 0.89 0.00	28.89 0.97 0.00	21.94 0.64 0.00	21.07 0.28 0.00	21.81 0.10 0.00	22.59 0.05 0.00	21.36 -0.03 0.00	24.94 -0.09 0.00	27.97 -0.09 0.00	31.67 0.47 0.00	28.62 1.14 0.00	33.28 1.46 0.00	27.60 1.18 0.00	28.11 1.18 0.00	33.53 1.60 0.00	31.49 1.23 0.00	29.61 0.81 0.00	26.07 0.56 0.00
GLENDALÉ_27_KV_LOAD 356172	29.52 1.32 0.00	29.35 1.33 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.04 1.16 0.00	27.75 1.19 0.00	30.99 1.55 0.00	29.41 1.49 0.00	22.43 1.13 0.00	22.02 1.23 0.00	23.08 1.37 0.00	23.98 1.44 0.00	22.79 1.40 0.00	26.57 1.55 0.00	29.82 1.76 0.00	33.19 1.99 0.00	36.06 1.78 -6.79	33.99 2.17 0.00	28.08 1.67 0.00	28.62 1.69 0.00	33.92 1.99 0.00	32.11 1.85 0.00	30.47 1.67 0.00	26.76 1.24 0.00
GLENWOOD_IC_1_G5 23712	29.43 1.23 0.00	29.31 1.30 0.00	30.36 1.20 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.70 1.14 0.00	30.86 1.43 0.00	29.22 1.30 0.00	22.26 0.96 0.00	21.94 1.16 0.00	23.03 1.32 0.00	23.89 1.36 0.00	25.82 1.32 -3.11	29.12 1.57 -2.52	31.48 1.84 -1.58	33.24 2.04 0.00	41.12 1.93 -11.71	33.91 2.09 0.00	28.00 1.59 0.00	28.51 1.58 0.00	33.87 1.94 0.00	32.12 1.86 0.00	30.58 1.78 0.00	26.88 1.37 0.00
GLENWOOD_IC_2_G1 23688	29.36 1.15 0.00	29.22 1.20 0.00	30.28 1.12 0.00	28.91 1.04 0.00	27.88 1.00 0.00	27.62 1.05 0.00	30.76 1.33 0.00	29.17 1.25 0.00	22.23 0.93 0.00	21.84 1.06 0.00	22.92 1.20 0.00	23.78 1.25 0.00	22.60 1.21 0.00	26.44 1.42 0.00	29.71 1.65 0.00	33.03 1.83 0.00	37.73 1.70 -8.55	33.81 1.99 0.00	27.92 1.51 0.00	28.44 1.51 0.00	33.76 1.84 0.00	31.96 1.70 0.00	30.41 1.61 0.00	26.73 1.22 0.00
GLENWOOD_IC_3_G1 23689	29.36 1.15 0.00	29.22 1.20 0.00	30.28 1.12 0.00	28.91 1.04 0.00	27.88 1.00 0.00	27.62 1.05 0.00	30.76 1.33 0.00	29.17 1.25 0.00	22.23 0.93 0.00	21.84 1.06 0.00	22.92 1.20 0.00	23.78 1.25 0.00	22.60 1.21 0.00	26.44 1.42 0.00	29.71 1.65 0.00	33.03 1.83 0.00	37.73 1.70 -8.55	33.81 1.99 0.00	27.92 1.51 0.00	28.44 1.51 0.00	33.76 1.84 0.00	31.96 1.70 0.00	30.41 1.61 0.00	26.73 1.22 0.00
GLENWOOD____4 23550	29.43 1.23 0.00	29.31 1.30 0.00	30.36 1.20 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.70 1.14 0.00	30.86 1.43 0.00	29.25 1.33 0.00	22.28 0.99 0.00	21.94 1.16 0.00	23.03 1.32 0.00	23.89 1.36 0.00	25.82 1.32 -3.11	29.12 1.57 -2.52	31.48 1.84 -1.58	33.24 2.04 0.00	41.12 1.93 -11.71	33.95 2.13 0.00	28.03 1.62 0.00	28.54 1.62 0.00	33.90 1.98 0.00	32.12 1.86 0.00	30.58 1.78 0.00	26.88 1.37 0.00
GLENWOOD____5 23614	29.43 1.23 0.00	29.31 1.30 0.00	30.36 1.20 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.70 1.14 0.00	30.86 1.43 0.00	29.25 1.33 0.00	22.28 0.99 0.00	21.94 1.16 0.00	23.03 1.32 0.00	23.89 1.36 0.00	25.82 1.32 -3.11	29.12 1.57 -2.52	31.48 1.84 -1.58	33.24 2.04 0.00	41.12 1.93 -11.71	33.95 2.13 0.00	28.03 1.62 0.00	28.54 1.62 0.00	33.90 1.98 0.00	32.12 1.86 0.00	30.58 1.78 0.00	26.88 1.37 0.00
GLOBAL GREEN_PORT_GT1 23814	30.40 2.20 0.00	30.55 2.54 0.00	31.53 2.37 0.00	30.13 2.25 0.00	29.07 2.19 0.00	226.58 2.30 -197.71	245.24 2.66 -213.15	161.54 2.72 -130.89	155.87 1.99 -132.58	37.62 2.09 -14.74	23.98 2.26 -0.01	24.77 2.23 0.00	22.07 2.12 1.44	26.45 2.59 1.17	30.53 3.20 0.73	34.88 3.69 0.00	88.17 3.62 -57.07	105.74 4.02 -69.90	59.93 3.18 -30.33	37.49 3.22 -7.34	42.36 3.95 -6.49	43.07 3.48 -9.33	53.24 3.41 -21.04	31.50 2.80 -3.19
GLOBE____DSASP 323697	27.15 -1.06 0.00	27.11 -0.91 0.00	28.12 -1.05 0.00	26.69 -1.19 0.00	26.01 -0.87 0.00	25.61 -0.95 0.00	28.33 -1.11 0.00	26.66 -1.26 0.00	20.54 -0.76 0.00	20.23 -0.55 0.00	20.92 -0.79 0.00	21.83 -0.70 0.00	20.67 -0.72 0.00	24.10 -0.93 0.00	26.89 -1.16 0.00	29.23 -1.97 0.00	24.91 -2.56 0.00	28.60 -3.22 0.00	23.48 -2.93 0.00	24.00 -2.92 0.00	28.88 -3.05 0.00	27.40 -2.86 0.00	25.97 -2.83 0.00	23.31 -2.20 0.00
GOETHSLN____LBMP 323567	29.26 1.05 0.00	29.07 1.05 0.00	30.15 0.98 0.00	28.79 0.92 0.00	27.75 0.87 0.00	27.45 0.88 0.00	30.63 1.19 0.00	29.02 1.10 0.00	22.14 0.84 0.00	21.73 0.95 0.00	22.78 1.07 0.00	23.66 1.13 0.00	22.48 1.09 0.00	26.23 1.21 0.00	29.42 1.36 0.00	32.78 1.58 0.00	31.06 1.41 -2.17	33.57 1.74 0.00	27.73 1.32 0.00	28.25 1.33 0.00	33.50 1.58 0.00	31.75 1.50 0.00	30.14 1.35 0.00	26.48 0.97 0.00
GOLAH____69_KV_TB 1_2 80279	28.29 0.09 0.00	28.24 0.23 0.00	29.37 0.20 0.00	27.93 0.06 0.00	27.23 0.35 0.00	26.80 0.24 0.00	29.90 0.47 0.00	28.20 0.28 0.00	21.53 0.23 0.00	21.12 0.34 0.00	21.81 0.10 0.00	22.73 0.20 0.00	21.53 0.13 0.00	25.12 0.09 0.00	28.11 0.05 0.00	31.10 -0.10 0.00	27.00 -0.48 0.00	31.16 -0.66 0.00	25.70 -0.71 0.00	26.21 -0.72 0.00	31.21 -0.72 0.00	29.51 -0.75 0.00	27.95 -0.85 0.00	24.94 -0.58 0.00
GOODYEAR_LAKE_HYD 323669	29.28 1.08 0.00	29.09 1.08 0.00	30.33 1.17 0.00	28.98 1.11 0.00	27.93 1.06 0.00	27.69 1.13 0.00	30.82 1.38 0.00	29.24 1.32 0.00	22.27 0.98 0.00	21.74 0.96 0.00	22.70 0.99 0.00	23.56 1.03 0.00	22.36 0.96 0.00	26.09 1.06 0.00	29.24 1.19 0.00	32.63 1.43 0.00	28.78 1.30 0.00	33.40 1.58 0.00	27.67 1.26 0.00	28.23 1.31 0.00	33.42 1.49 0.00	31.59 1.33 0.00	29.95 1.16 0.00	26.44 0.93 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	28.62 0.42 0.00	28.42 0.41 0.00	29.61 0.45 0.00	28.27 0.40 0.00	27.31 0.43 0.00	27.00 0.44 0.00	29.95 0.51 0.00	28.38 0.46 0.00	21.61 0.31 0.00	21.08 0.30 0.00	22.02 0.31 0.00	22.87 0.33 0.00	21.69 0.31 0.00	25.35 0.32 0.00	28.45 0.39 0.00	31.66 0.46 0.00	27.78 0.31 0.00	32.20 0.37 0.00	26.65 0.24 0.00	27.19 0.27 0.00	32.17 0.24 0.00	30.46 0.20 0.00	28.96 0.17 0.00	25.64 0.13 0.00
GOUDEY____7 23579	28.65 0.44 0.00	28.45 0.43 0.00	29.64 0.47 0.00	28.30 0.42 0.00	27.33 0.45 0.00	27.02 0.46 0.00	29.97 0.54 0.00	28.41 0.49 0.00	21.63 0.33 0.00	21.10 0.32 0.00	22.04 0.33 0.00	22.89 0.36 0.00	21.71 0.33 0.00	25.38 0.35 0.00	28.48 0.42 0.00	31.69 0.49 0.00	27.81 0.33 0.00	32.24 0.41 0.00	26.68 0.27 0.00	27.22 0.30 0.00	32.20 0.27 0.00	30.49 0.23 0.00	28.98 0.19 0.00	25.66 0.15 0.00



GOUDEY___8	23580	28.62	28.42	29.61	28.27	27.31	27.00	29.95	28.38	21.61	21.08	22.02	22.87	21.69	25.35	28.45	31.66	27.78	32.20	26.65	27.19	32.17	30.46	28.96	25.64
		0.42	0.41	0.45	0.40	0.43	0.44	0.51	0.46	0.31	0.30	0.31	0.33	0.31	0.32	0.39	0.46	0.31	0.37	0.24	0.27	0.24	0.20	0.17	0.13
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_1	24077	29.49	29.35	30.44	29.07	28.03	27.72	30.97	29.37	22.39	21.97	23.01	23.91	22.72	26.51	29.74	33.13	35.99	33.93	28.03	28.61	33.92	32.14	30.50	26.76
		1.28	1.34	1.27	1.20	1.15	1.16	1.54	1.45	1.09	1.19	1.30	1.37	1.33	1.48	1.68	1.93	1.72	2.10	1.62	1.69	1.99	1.88	1.70	1.25
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_2	24078	29.49	29.35	30.44	29.07	28.03	27.72	30.97	29.37	22.39	21.97	23.01	23.91	22.72	26.51	29.74	33.13	35.99	33.93	28.03	28.61	33.92	32.14	30.50	26.76
		1.28	1.34	1.27	1.20	1.15	1.16	1.54	1.45	1.09	1.19	1.30	1.37	1.33	1.48	1.68	1.93	1.72	2.10	1.62	1.69	1.99	1.88	1.70	1.25
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_3	24079	29.49	29.35	30.44	29.07	28.03	27.72	30.97	29.37	22.39	21.97	23.01	23.91	22.72	26.51	29.74	33.13	35.99	33.93	28.03	28.61	33.92	32.14	30.50	26.76
		1.28	1.34	1.27	1.20	1.15	1.16	1.54	1.45	1.09	1.19	1.30	1.37	1.33	1.48	1.68	1.93	1.72	2.10	1.62	1.69	1.99	1.88	1.70	1.25
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_4	24080	29.49	29.35	30.44	29.07	28.03	27.72	30.97	29.37	22.39	21.97	23.01	23.91	22.72	26.51	29.74	33.13	35.99	33.93	28.03	28.61	33.92	32.14	30.50	26.76
		1.28	1.34	1.27	1.20	1.15	1.16	1.54	1.45	1.09	1.19	1.30	1.37	1.33	1.48	1.68	1.93	1.72	2.10	1.62	1.69	1.99	1.88	1.70	1.25
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.79	0.00	0.00	0.00	0.00	0.00	0.00	0.00
GOWANUS_GT1_5	24084	29.49	29.35	30.44	29.07	28.03	27.72	30.97	29.37	22.39	21.97	23.01	23.91	22.72	26.51	29.74	33.13	35.99	33.93	28.03	28.61	33.92	32.14	30.50	26.76
		1.28	1.34	1.27	1.20	1.15	1.16	1.54	1.45	1.09	1.19	1.30	1.37	1.33	1.48	1.68	1.93	1.72	2.10	1.62	1.69	1.99	1.88	1.70	1



GOWANUS_GT2_7 24120	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT2_8 24121	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_1 24122	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_2 24123	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_3 24124	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_4 24125	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_5 24126	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_6 24127	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_7 24128	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT3_8 24129	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.53</u> 0.00	29.36 <u>1.44</u> 0.00	22.38 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.91 <u>1.38</u> 0.00	22.72 <u>1.33</u> 0.00	26.50 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.13 <u>1.93</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.49 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT4_1 24130	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.54</u> 0.00	29.37 <u>1.45</u> 0.00	22.39 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.71 <u>1.33</u> 0.00	26.51 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.50 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT4_2 24131	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.54</u> 0.00	29.37 <u>1.45</u> 0.00	22.39 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.71 <u>1.33</u> 0.00	26.51 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.50 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT4_3 24132	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.54</u> 0.00	29.37 <u>1.45</u> 0.00	22.39 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.71 <u>1.33</u> 0.00	26.51 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.50 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT4_4 24133	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.54</u> 0.00	29.37 <u>1.45</u> 0.00	22.39 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.71 <u>1.33</u> 0.00	26.51 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.50 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00
GOWANUS_GT4_5 24134	29.49 <u>1.28</u> 0.00	29.35 <u>1.34</u> 0.00	30.44 <u>1.27</u> 0.00	29.07 <u>1.20</u> 0.00	28.03 <u>1.15</u> 0.00	27.72 <u>1.16</u> 0.00	30.97 <u>1.54</u> 0.00	29.37 <u>1.45</u> 0.00	22.39 <u>1.09</u> 0.00	21.97 <u>1.19</u> 0.00	23.01 <u>1.30</u> 0.00	23.90 <u>1.37</u> 0.00	22.71 <u>1.33</u> 0.00	26.51 <u>1.48</u> 0.00	29.74 <u>1.68</u> 0.00	33.12 <u>1.92</u> 0.00	35.99 <u>1.72</u> -6.79	33.93 <u>2.10</u> 0.00	28.03 <u>1.62</u> 0.00	28.61 <u>1.69</u> 0.00	33.92 <u>1.99</u> 0.00	32.14 <u>1.88</u> 0.00	30.50 <u>1.70</u> 0.00	26.76 <u>1.25</u> 0.00



GOWANUS_GT4_6 24135	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.54 0.00	29.37 1.45 0.00	22.39 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.90 1.37 0.00	22.71 1.33 0.00	26.51 1.48 0.00	29.74 1.68 0.00	33.12 1.92 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.50 1.70 0.00	26.76 1.25 0.00
GOWANUS_GT4_7 24136	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.54 0.00	29.37 1.45 0.00	22.39 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.90 1.37 0.00	22.71 1.33 0.00	26.51 1.48 0.00	29.74 1.68 0.00	33.12 1.92 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.50 1.70 0.00	26.76 1.25 0.00
GOWANUS_GT4_8 24137	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.54 0.00	29.37 1.45 0.00	22.39 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.90 1.37 0.00	22.71 1.33 0.00	26.51 1.48 0.00	29.74 1.68 0.00	33.12 1.92 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.50 1.70 0.00	26.76 1.25 0.00
GREENBSH_115KV_TB3 55895	28.65 0.45 0.00	28.46 0.44 0.00	29.63 0.47 0.00	28.33 0.46 0.00	27.30 0.41 0.00	27.00 0.43 0.00	29.87 0.44 0.00	28.34 0.42 0.00	21.56 0.26 0.00	20.99 0.20 0.00	21.95 0.24 0.00	22.74 0.21 0.00	21.62 0.23 0.00	25.34 0.32 0.00	28.50 0.44 0.00	31.73 0.53 0.00	29.31 0.52 -1.32	32.45 0.62 0.00	26.92 0.50 0.00	27.41 0.48 0.00	32.54 0.61 0.00	30.85 0.59 0.00	29.38 0.58 0.00	25.96 0.45 0.00
GREENDGE_115KV_TB5 80291	28.62 0.41 0.00	28.41 0.40 0.00	29.55 0.39 0.00	28.20 0.33 0.00	27.49 0.61 0.00	27.19 0.63 0.00	30.23 0.80 0.00	28.56 0.64 0.00	21.77 0.48 0.00	21.22 0.44 0.00	22.06 0.35 0.00	22.94 0.41 0.00	21.72 0.33 0.00	25.33 0.30 0.00	28.47 0.41 0.00	31.71 0.52 0.00	27.56 0.09 0.00	31.89 0.07 0.00	26.40 -0.02 0.00	26.92 -0.01 0.00	31.78 -0.14 0.00	29.97 -0.29 0.00	28.38 -0.42 0.00	25.16 -0.35 0.00
GREENIDGE___3 23582	28.62 0.41 0.00	28.41 0.40 0.00	29.55 0.39 0.00	28.20 0.33 0.00	27.49 0.61 0.00	27.19 0.63 0.00	30.23 0.80 0.00	28.56 0.64 0.00	21.77 0.48 0.00	21.22 0.44 0.00	22.06 0.35 0.00	22.94 0.41 0.00	21.72 0.33 0.00	25.33 0.30 0.00	28.47 0.41 0.00	31.71 0.52 0.00	27.56 0.09 0.00	31.89 0.07 0.00	26.40 -0.02 0.00	26.92 -0.01 0.00	31.78 -0.14 0.00	29.97 -0.29 0.00	28.38 -0.42 0.00	25.16 -0.35 0.00
GREENIDGE___4 23583	28.62 0.42 0.00	28.41 0.40 0.00	29.55 0.39 0.00	28.20 0.33 0.00	27.49 0.61 0.00	27.19 0.63 0.00	30.23 0.79 0.00	28.56 0.64 0.00	21.77 0.48 0.00	21.22 0.44 0.00	22.06 0.35 0.00	22.94 0.41 0.00	21.72 0.33 0.00	25.33 0.31 0.00	28.47 0.41 0.00	31.71 0.52 0.00	27.56 0.09 0.00	31.89 0.07 0.00	26.40 -0.02 0.00	26.92 0.00 0.00	31.78 -0.14 0.00	29.97 -0.29 0.00	28.37 -0.42 0.00	25.16 -0.35 0.00
GREENLWN_69_KV_BK 3 55738	29.28 1.09 0.00	29.26 1.25 0.00	30.24 1.08 0.00	28.83 0.96 0.00	27.79 0.91 0.00	1.74 1.07 25.88	2.87 1.34 27.91	12.15 1.37 17.14	4.99 1.05 17.36	20.11 1.26 1.93	23.11 1.40 0.00	23.93 1.40 0.00	21.59 1.36 1.16	25.76 1.67 0.94	29.50 2.03 0.59	33.42 2.22 0.00	40.10 2.29 -10.33	25.04 2.37 9.15	24.27 1.83 3.97	27.70 1.74 0.96	33.38 2.30 0.85	31.04 2.01 1.22	28.14 2.11 2.75	26.77 1.67 0.42
GREENWD_138_KV_38B11_REV_LBMP_J 345004	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.54 0.00	29.37 1.45 0.00	22.39 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.37 0.00	22.72 1.33 0.00	26.51 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.50 1.70 0.00	26.76 1.25 0.00
GRISSOM___SOLAR 323813	30.14 1.94 0.00	29.90 1.88 0.00	31.20 2.04 0.00	29.79 1.91 0.00	28.85 1.97 0.00	28.59 2.03 0.00	31.80 2.37 0.00	30.11 2.19 0.00	22.27 0.97 0.00	21.17 0.39 0.00	22.01 0.31 0.00	22.85 0.31 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.66 0.60 0.00	33.02 1.82 0.00	29.81 2.33 0.00	34.54 2.71 0.00	28.66 2.25 0.00	29.17 2.25 0.00	34.67 2.74 0.00	32.66 2.41 0.00	30.87 2.07 0.00	27.31 1.80 0.00
GROVEVILLE___HYD 323602	29.50 1.30 0.00	29.32 1.31 0.00	30.46 1.29 0.00	29.11 1.24 0.00	28.08 1.20 0.00	27.81 1.24 0.00	30.96 1.53 0.00	29.36 1.44 0.00	22.35 1.05 0.00	21.86 1.08 0.00	22.88 1.17 0.00	23.75 1.22 0.00	22.55 1.17 0.00	26.37 1.35 0.00	29.63 1.57 0.00	33.00 1.81 0.00	29.13 1.65 0.00	33.83 2.01 0.00	28.01 1.59 0.00	28.52 1.59 0.00	33.80 1.87 0.00	32.02 1.76 0.00	30.39 1.59 0.00	26.74 1.23 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
HAMLTNNY_34_KV_TB 80303	28.29 0.09 0.00	28.12 0.10 0.00	29.28 0.11 0.00	27.95 0.08 0.00	27.01 0.12 0.00	26.65 0.09 0.00	29.57 0.13 0.00	28.01 0.09 0.00	21.39 0.09 0.00	20.84 0.06 0.00	21.72 0.01 0.00	22.56 0.03 0.00	21.39 0.00 0.00	25.03 0.01 0.00	28.02 -0.03 0.00	31.17 -0.03 0.00	27.41 -0.06 0.00	31.78 -0.04 0.00	26.36 -0.05 0.00	26.86 -0.06 0.00	31.73 -0.20 0.00	30.04 -0.22 0.00	28.58 -0.21 0.00	25.38 -0.13 0.00
HAMPSHIRE___PAPER_HYD 323593	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.62 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.15 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.65 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
HARDSCRABBLE_WT_PWR 323673	28.49 0.29 0.00	28.19 0.17 0.00	29.41 0.25 0.00	28.08 0.21 0.00	27.19 0.32 0.00	27.03 0.47 0.00	30.08 0.64 0.00	28.58 0.66 0.00	21.60 0.30 0.00	20.87 0.08 0.00	21.74 0.03 0.00	22.51 -0.02 0.00	21.37 -0.02 0.00	25.05 0.03 0.00	28.22 0.17 0.00	31.67 0.48 0.00	28.15 0.67 0.00	32.70 0.88 0.00	27.15 0.73 0.00	27.69 0.76 0.00	32.72 0.79 0.00	30.72 0.46 0.00	29.12 0.33 0.00	25.74 0.22 0.00



HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	29.26 1.05 0.00	29.07 1.06 0.00	30.20 1.03 0.00	28.85 0.97 0.00	27.81 0.93 0.00	27.55 0.99 0.00	30.65 1.22 0.00	29.05 1.13 0.00	22.10 0.80 0.00	21.66 0.87 0.00	22.68 0.97 0.00	23.56 1.02 0.00	22.37 0.97 0.00	26.13 1.10 0.00	29.31 1.25 0.00	32.68 1.48 0.00	20.62 1.32 8.18	33.48 1.66 0.00	27.70 1.29 0.00	28.26 1.33 0.00	33.48 1.55 0.00	31.75 1.49 0.00	30.15 1.35 0.00	26.52 1.01 0.00
HARSNRAD_115KV_TB1 81005	27.64 -0.57 0.00	27.58 -0.44 0.00	28.61 -0.55 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.11 -0.45 0.00	28.92 -0.52 0.00	27.24 -0.68 0.00	20.96 -0.34 0.00	20.61 -0.18 0.00	21.32 -0.39 0.00	22.25 -0.28 0.00	21.06 -0.33 0.00	24.56 -0.47 0.00	27.42 -0.64 0.00	30.02 -1.17 0.00	25.70 -1.78 0.00	29.54 -2.28 0.00	24.25 -2.16 0.00	24.77 -2.15 0.00	29.71 -2.22 0.00	28.13 -2.13 0.00	26.64 -2.16 0.00	23.88 -1.63 0.00
HARZA MOOSE__RIVER 24016	28.41 0.21 0.00	28.15 0.13 0.00	29.37 0.21 0.00	28.19 0.32 0.00	27.26 0.38 0.00	27.06 0.50 0.00	30.21 0.78 0.00	28.78 0.86 0.00	21.99 0.70 0.00	21.33 0.55 0.00	22.23 0.52 0.00	23.05 0.51 0.00	21.83 0.44 0.00	25.53 0.50 0.00	28.66 0.60 0.00	32.12 0.92 0.00	28.54 1.06 0.00	33.04 1.22 0.00	27.40 0.99 0.00	27.93 1.01 0.00	33.39 1.46 0.00	31.50 1.24 0.00	29.72 0.93 0.00	26.17 0.66 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	28.05 -0.15 0.00	27.86 -0.15 0.00	29.00 -0.17 0.00	27.70 -0.17 0.00	26.73 -0.15 0.00	26.36 -0.20 0.00	29.16 -0.27 0.00	27.65 -0.27 0.00	21.10 -0.19 0.00	20.61 -0.17 0.00	21.51 -0.20 0.00	22.33 -0.20 0.00	21.19 -0.20 0.00	24.78 -0.24 0.00	27.77 -0.29 0.00	30.83 -0.36 0.00	27.11 -0.37 0.00	31.35 -0.47 0.00	26.02 -0.39 0.00	26.52 -0.40 0.00	31.35 -0.58 0.00	29.73 -0.52 0.00	28.35 -0.44 0.00	25.21 -0.30 0.00
HELLGATE_13_KV_LD 55870	29.43 1.23 0.00	29.27 1.26 0.00	30.36 1.19 0.00	29.00 1.13 0.00	27.96 1.08 0.00	27.66 1.10 0.00	30.87 1.44 0.00	29.29 1.37 0.00	22.33 1.03 0.00	21.92 1.13 0.00	22.97 1.27 0.00	23.87 1.33 0.00	22.68 1.29 0.00	26.46 1.43 0.00	29.68 1.62 0.00	33.03 1.84 0.00	35.92 1.65 -6.79	33.83 2.01 0.00	27.94 1.53 0.00	28.48 1.56 0.00	33.77 1.84 0.00	31.97 1.71 0.00	30.34 1.55 0.00	26.65 1.14 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	29.43 1.23 0.00	29.27 1.26 0.00	30.36 1.19 0.00	29.00 1.13 0.00	27.96 1.08 0.00	27.66 1.10 0.00	30.87 1.44 0.00	29.29 1.37 0.00	22.33 1.03 0.00	21.92 1.13 0.00	22.97 1.27 0.00	23.87 1.33 0.00	22.68 1.29 0.00	26.46 1.43 0.00	29.68 1.62 0.00	33.03 1.84 0.00	35.92 1.65 -6.79	33.83 2.01 0.00	27.94 1.53 0.00	28.48 1.56 0.00	33.77 1.84 0.00	31.97 1.71 0.00	30.34 1.55 0.00	26.65 1.14 0.00
HEMPSTEAD____ 23647	29.33 1.13 0.00	29.23 1.22 0.00	30.25 1.08 0.00	28.86 0.99 0.00	27.84 0.96 0.00	27.61 1.05 0.00	30.75 1.32 0.00	29.19 1.28 0.00	22.24 0.94 0.00	21.89 1.10 0.00	22.98 1.28 0.00	23.83 1.30 0.00	26.67 1.26 -4.02	29.82 1.53 -3.26	31.94 1.84 -2.03	33.24 2.04 0.00	42.54 1.94 -13.12	33.98 2.15 0.00	28.03 1.62 0.00	28.54 1.61 0.00	33.94 2.01 0.00	32.09 1.83 0.00	30.60 1.81 0.00	26.91 1.40 0.00
HEWLETT__69_KV_BK3 55828	29.64 1.43 0.00	29.53 1.52 0.00	30.55 1.38 0.00	29.13 1.26 0.00	28.10 1.22 0.00	27.88 1.32 0.00	31.03 1.59 0.00	29.50 1.58 0.00	22.46 1.16 0.00	22.09 1.31 0.00	23.23 1.52 0.00	24.10 1.56 0.00	41.87 1.51 -18.97	42.26 1.82 -15.41	39.79 2.11 -9.63	33.40 2.20 0.00	43.52 2.25 -13.79	34.36 2.54 0.00	28.36 1.95 0.00	28.85 1.93 0.00	34.38 2.45 0.00	32.43 2.18 0.00	30.92 2.13 0.00	27.20 1.69 0.00
HICKLING__1 23621	28.46 0.26 0.00	28.24 0.23 0.00	29.41 0.25 0.00	28.03 0.16 0.00	27.42 0.55 0.00	27.06 0.49 0.00	30.07 0.63 0.00	28.38 0.46 0.00	21.52 0.22 0.00	21.08 0.30 0.00	22.11 0.40 0.00	23.05 0.52 0.00	21.82 0.43 0.00	25.39 0.36 0.00	28.59 0.53 0.00	31.71 0.52 0.00	27.22 -0.26 0.00	31.53 -0.30 0.00	25.87 -0.54 0.00	26.47 -0.45 0.00	31.17 -0.76 0.00	29.44 -0.82 0.00	27.86 -0.93 0.00	24.65 -0.87 0.00
HICKLING__2 23622	28.46 0.26 0.00	28.24 0.23 0.00	29.41 0.25 0.00	28.03 0.16 0.00	27.42 0.55 0.00	27.06 0.49 0.00	30.07 0.63 0.00	28.38 0.46 0.00	21.52 0.22 0.00	21.08 0.30 0.00	22.11 0.40 0.00	23.05 0.52 0.00	21.82 0.43 0.00	25.39 0.36 0.00	28.59 0.53 0.00	31.71 0.52 0.00	27.22 -0.26 0.00	31.53 -0.30 0.00	25.87 -0.54 0.00	26.47 -0.45 0.00	31.17 -0.76 0.00	29.44 -0.82 0.00	27.86 -0.93 0.00	24.65 -0.87 0.00
HIGH FALLS__HY 23754	29.37 1.17 0.00	29.18 1.16 0.00	30.29 1.13 0.00	28.94 1.06 0.00	27.89 1.01 0.00	27.66 1.09 0.00	30.82 1.38 0.00	29.24 1.32 0.00	22.24 0.94 0.00	21.72 0.93 0.00	22.66 0.96 0.00	23.46 0.93 0.00	22.12 0.73 0.00	25.88 0.85 0.00	29.08 1.02 0.00	32.48 1.28 0.00	28.77 1.29 0.00	33.48 1.66 0.00	27.72 1.31 0.00	28.29 1.37 0.00	33.71 1.78 0.00	31.92 1.66 0.00	30.28 1.48 0.00	26.61 1.10 0.00
HILLBURN__GT 23639	29.20 1.00 0.00	29.04 1.02 0.00	30.13 0.97 0.00	28.79 0.92 0.00	27.75 0.87 0.00	27.48 0.91 0.00	30.57 1.13 0.00	28.94 1.03 0.00	22.03 0.72 0.00	21.60 0.82 0.00	22.65 0.94 0.00	23.55 1.01 0.00	22.35 0.96 0.00	26.10 1.08 0.00	29.26 1.20 0.00	32.58 1.38 0.00	19.00 1.21 9.68	33.34 1.52 0.00	27.58 1.17 0.00	28.14 1.22 0.00	33.36 1.43 0.00	31.66 1.40 0.00	30.06 1.26 0.00	26.43 0.92 0.00
HILLSIDE_115KV_TB1 80332	28.06 -0.15 0.00	27.82 -0.19 0.00	29.00 -0.17 0.00	27.63 -0.24 0.00	27.01 0.13 0.00	26.60 0.04 0.00	29.53 0.10 0.00	27.86 -0.06 0.00	21.13 -0.17 0.00	20.73 -0.05 0.00	21.79 0.08 0.00	22.74 0.20 0.00	21.52 0.13 0.00	25.03 0.00 0.00	28.19 0.13 0.00	31.24 0.04 0.00	26.73 -0.75 0.00	31.03 -0.80 0.00	25.45 -0.96 0.00	26.11 -0.82 0.00	30.73 -1.20 0.00	29.10 -1.16 0.00	27.58 -1.22 0.00	24.37 -1.14 0.00
HISHELDN_WT_PWR 323625	27.96 -0.24 0.00	27.86 -0.16 0.00	28.94 -0.23 0.00	27.51 -0.36 0.00	26.87 -0.01 0.00	26.50 -0.07 0.00	29.40 -0.04 0.00	27.68 -0.24 0.00	21.21 -0.09 0.00	20.85 0.06 0.00	21.69 -0.02 0.00	22.63 0.10 0.00	21.43 0.04 0.00	24.97 -0.05 0.00	27.95 -0.11 0.00	30.68 -0.52 0.00	26.25 -1.23 0.00	30.16 -1.66 0.00	24.71 -1.71 0.00	25.18 -1.75 0.00	29.95 -1.97 0.00	28.23 -2.03 0.00	26.73 -2.06 0.00	23.88 -1.64 0.00
HOLTSVILLE_IC_1 23690	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.13 1.56 -214.14	161.01 1.59 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20



HOLTSVILLE_IC_10 23699	29.69 1.49 0.00	29.75 1.74 0.00	30.71 1.54 0.00	29.32 1.45 0.00	28.28 1.40 0.00	218.72 1.45 -190.71	236.77 1.74 -205.60	155.94 1.76 -126.26	150.49 1.31 -127.89	36.45 1.44 -14.22	23.37 1.65 -0.01	24.15 1.62 0.00	21.58 1.53 1.34	25.84 1.91 1.09	29.73 2.35 0.68	33.87 2.68 0.00	85.72 2.67 -55.57	102.11 2.86 -67.42	57.80 2.13 -29.26	36.18 2.17 -7.08	40.95 2.76 -6.26	41.68 2.42 -9.00	51.54 2.45 -20.29	30.58 2.00 -3.07
HOLTSVILLE_IC_2 23691	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.13 1.56 -214.14	161.01 1.59 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20
HOLTSVILLE_IC_3 23692	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.13 1.56 -214.14	161.01 1.59 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20
HOLTSVILLE_IC_4 23693	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.13 1.56 -214.14	161.01 1.59 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20
HOLTSVILLE_IC_5 23694	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.13 1.56 -214.14	161.01 1.59 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20
HOLTSVILLE_IC_6 23695	29.69 1.49 0.00	29.75 1.74 0.00	30.71 1.54 0.00	29.32 1.45 0.00	28.28 1.40 0.00	218.72 1.45 -190.71	236.77 1.74 -205.60	155.94 1.76 -126.26	150.49 1.31 -127.89	36.45 1.44 -14.22	23.37 1.65 -0.01	24.15 1.62 0.00	21.58 1.53 1.34	25.84 1.91 1.09	29.73 2.35 0.68	33.87 2.68 0.00	85.72 2.67 -55.57	102.11 2.86 -67.42	57.80 2.13 -29.26	36.18 2.17 -7.08	40.95 2.76 -6.26	41.68 2.42 -9.00	51.54 2.45 -20.29	30.58 2.00 -3.07
HOLTSVILLE_IC_7 23696	29.69 1.49 0.00	29.75 1.74 0.00	30.71 1.54 0.00	29.32 1.45 0.00	28.28 1.40 0.00	218.72 1.45 -190.71	236.77 1.74 -205.60	155.94 1.76 -126.26	150.49 1.31 -127.89	36.45 1.44 -14.22	23.37 1.65 -0.01	24.15 1.62 0.00	21.58 1.53 1.34	25.84 1.91 1.09	29.73 2.35 0.68	33.87 2.68 0.00	85.72 2.67 -55.57	102.11 2.86 -67.42	57.80 2.13 -29.26	36.18 2.17 -7.08	40.95 2.76 -6.26	41.68 2.42 -9.00	51.54 2.45 -20.29	30.58 2.00 -3.07
HOLTSVILLE_IC_8 23697	29.69 1.49 0.00	29.75 1.74 0.00	30.71 1.54 0.00	29.32 1.45 0.00	28.28 1.40 0.00	218.72 1.45 -190.71	236.77 1.74 -205.60	155.94 1.76 -126.26	150.49 1.31 -127.89	36.45 1.44 -14.22	23.37 1.65 -0.01	24.15 1.62 0.00	21.58 1.53 1.34	25.84 1.91 1.09	29.73 2.35 0.68	33.87 2.68 0.00	85.72 2.67 -55.57	102.11 2.86 -67.42	57.80 2.13 -29.26	36.18 2.17 -7.08	40.95 2.76 -6.26	41.68 2.42 -9.00	51.54 2.45 -20.29	30.58 2.00 -3.07
HOLTSVILLE_IC_9 23698	29.69 1.49 0.00	29.75 1.74 0.00	30.71 1.54 0.00	29.32 1.45 0.00	28.28 1.40 0.00	218.72 1.45 -190.71	236.77 1.74 -205.60	155.94 1.76 -126.26	150.49 1.31 -127.89	36.45 1.44 -14.22	23.37 1.65 -0.01	24.15 1.62 0.00	21.58 1.53 1.34	25.84 1.91 1.09	29.73 2.35 0.68	33.87 2.68 0.00	85.72 2.67 -55.57	102.11 2.86 -67.42	57.80 2.13 -29.26	36.18 2.17 -7.08	40.95 2.76 -6.26	41.68 2.42 -9.00	51.54 2.45 -20.29	30.58 2.00 -3.07
HOMER_HL_115KV_TB2 355744	28.87 0.67 0.00	28.71 0.70 0.00	29.85 0.68 0.00	28.42 0.55 0.00	27.75 0.87 0.00	27.31 0.75 0.00	30.23 0.80 0.00	28.51 0.59 0.00	21.76 0.46 0.00	21.37 0.59 0.00	22.39 0.69 0.00	23.40 0.87 0.00	22.21 0.83 0.00	25.87 0.84 0.00	28.92 0.87 0.00	31.88 0.68 0.00	27.28 -0.20 0.00	31.47 -0.35 0.00	25.75 -0.66 0.00	26.33 -0.59 0.00	31.28 -0.65 0.00	29.69 -0.57 0.00	28.18 -0.61 0.00	25.07 -0.44 0.00
HOWARD_WT_PWR 323690	28.42 0.22 0.00	28.25 0.23 0.00	29.27 0.10 0.00	28.05 0.17 0.00	27.50 0.63 0.00	27.27 0.71 0.00	30.33 0.89 0.00	28.54 0.62 0.00	21.73 0.43 0.00	21.30 0.51 0.00	22.21 0.51 0.00	23.16 0.62 0.00	21.92 0.53 0.00	25.54 0.52 0.00	28.71 0.65 0.00	31.77 0.57 0.00	27.25 -0.23 0.00	31.28 -0.54 0.00	25.72 -0.69 0.00	26.04 -0.89 0.00	30.54 -1.39 0.00	28.61 -1.64 0.00	26.96 -1.83 0.00	23.83 -1.68 0.00
HQ_GEN_CEDARS 23644	27.34 -0.87 0.00	27.34 -0.68 0.00	28.32 -0.84 0.00	27.14 -0.73 0.00	26.27 -0.61 0.00	26.22 -0.34 0.00	29.39 -0.04 0.00	28.03 0.11 0.00	21.85 0.55 0.00	21.50 0.72 0.00	22.69 0.97 0.00	23.68 1.14 0.00	22.39 1.00 0.00	26.17 1.15 0.00	29.12 1.07 0.00	32.36 1.16 0.00	28.18 0.70 0.00	32.49 0.67 0.00	27.02 0.61 0.00	27.77 0.85 0.00	34.40 2.47 0.00	32.47 2.21 0.00	30.41 1.62 0.00	26.84 1.33 0.00
HQ_GEN_CEDARS_PROXY 323590	27.34 -0.87 0.00	27.33 -0.68 0.00	28.32 -0.84 0.00	27.14 -0.73 0.00	26.41 -0.61 -0.14	26.23 -0.34 0.00	29.39 -0.04 0.00	28.06 0.12 -0.02	21.85 0.55 0.00	21.69 0.72 -0.18	22.69 0.97 0.00	23.68 1.14 0.00	22.39 1.00 0.00	26.17 1.15 0.00	29.13 1.07 0.00	32.36 1.16 0.00	28.18 0.70 0.00	32.49 0.67 0.00	27.02 0.61 0.00	27.78 0.85 0.00	34.40 2.47 0.00	32.47 2.21 0.00	31.48 1.62 -1.07	26.84 1.33 0.00
HQ_GEN_IMPORT 323601	28.20 0.00 0.00	28.02 0.00 0.00	29.17 0.00 0.00	27.87 0.00 0.00	26.88 0.00 0.00	26.56 0.00 0.00	29.43 0.00 0.00	27.92 0.00 0.00	21.30 0.00 0.00	20.78 0.00 0.00	21.71 0.00 0.00	22.70 0.00 -0.16	21.39 0.00 0.00	25.03 0.00 0.00	28.06 0.00 0.00	31.20 0.00 0.00	27.48 0.00 0.00	31.82 0.00 0.00	26.41 0.00 0.00	26.93 0.00 0.00	31.93 0.00 0.00	30.26 0.00 0.00	28.79 0.00 0.00	25.51 0.00 0.00
HQ_GEN_WHEEL 23651	28.20 0.00 0.00	28.02 0.00 0.00	29.17 0.00 0.00	27.87 0.00 0.00	26.88 0.00 0.00	26.56 0.00 0.00	29.43 0.00 0.00	27.92 0.00 0.00	21.30 0.00 0.00	20.78 0.00 0.00	21.71 0.00 0.00	22.70 0.00 -0.16	21.39 0.00 0.00	25.03 0.00 0.00	28.06 0.00 0.00	31.20 0.00 0.00	27.48 0.00 0.00	31.82 0.00 0.00	26.41 0.00 0.00	26.93 0.00 0.00	31.93 0.00 0.00	30.26 0.00 0.00	28.79 0.00 0.00	25.51 0.00 0.00



HUDSON AVE_GT_3 23810	29.42 1.22 0.00	29.22 1.21 0.00	30.32 1.15 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.30 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.84 1.31 0.00	22.65 1.27 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.03 1.83 0.00	35.93 1.64 -6.81	33.80 1.98 0.00	27.94 1.53 0.00	28.46 1.54 0.00	33.74 1.82 0.00	31.96 1.70 0.00	30.33 1.54 0.00	26.65 1.14 0.00
HUDSON AVE_GT_4 23540	29.42 1.22 0.00	29.22 1.21 0.00	30.32 1.15 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.30 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.84 1.31 0.00	22.65 1.27 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.03 1.83 0.00	35.93 1.64 -6.81	33.80 1.98 0.00	27.94 1.53 0.00	28.46 1.54 0.00	33.74 1.82 0.00	31.96 1.70 0.00	30.33 1.54 0.00	26.65 1.14 0.00
HUDSON AVE_GT_5 23657	29.42 1.22 0.00	29.22 1.21 0.00	30.32 1.15 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.30 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.84 1.31 0.00	22.65 1.27 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.03 1.83 0.00	35.93 1.64 -6.81	33.80 1.98 0.00	27.94 1.53 0.00	28.46 1.54 0.00	33.74 1.82 0.00	31.96 1.70 0.00	30.33 1.54 0.00	26.65 1.14 0.00
HUDSON_AVE_10 24168	29.31 1.11 0.00	29.11 1.10 0.00	30.21 1.04 0.00	28.85 0.98 0.00	27.82 0.94 0.00	27.52 0.96 0.00	30.73 1.29 0.00	29.15 1.23 0.00	22.23 0.94 0.00	21.82 1.04 0.00	22.87 1.16 0.00	23.76 1.23 0.00	22.57 1.19 0.00	26.34 1.31 0.00	29.54 1.49 0.00	32.90 1.71 0.00	35.83 1.54 -6.81	33.70 1.88 0.00	27.85 1.43 0.00	28.38 1.46 0.00	33.64 1.72 0.00	31.86 1.61 0.00	30.23 1.44 0.00	26.56 1.05 0.00
HUDSON___115KV_TB 4 355613	29.73 1.53 0.00	29.52 1.51 0.00	30.77 1.61 0.00	29.44 1.57 0.00	28.36 1.48 0.00	28.13 1.57 0.00	31.20 1.77 0.00	29.65 1.74 0.00	22.44 1.14 0.00	21.66 0.87 0.00	22.54 0.83 0.00	23.33 0.79 0.00	22.17 0.78 0.00	26.01 0.99 0.00	29.35 1.30 0.00	32.83 1.63 0.00	29.26 1.78 0.00	34.00 2.17 0.00	28.20 1.79 0.00	28.71 1.78 0.00	34.03 2.10 0.00	32.20 1.95 0.00	30.58 1.78 0.00	27.03 1.52 0.00
HUNTER MOUNT___DRP 323613	30.02 1.81 0.00	29.77 1.76 0.00	31.06 1.89 0.00	29.71 1.84 0.00	28.62 1.74 0.00	28.43 1.87 0.00	31.53 2.10 0.00	29.98 2.07 0.00	22.65 1.35 0.00	21.80 1.01 0.00	22.65 0.94 0.00	23.42 0.89 0.00	22.27 0.88 0.00	26.15 1.12 0.00	29.54 1.49 0.00	33.08 1.88 0.00	29.56 2.08 0.00	34.35 2.53 0.00	28.51 2.10 0.00	29.00 2.08 0.00	34.36 2.43 0.00	32.49 2.23 0.00	30.84 2.04 0.00	27.28 1.76 0.00
HUNTINGTON_RES_REC 323705	29.42 1.22 0.00	29.43 1.42 0.00	30.40 1.24 0.00	28.99 1.12 0.00	27.95 1.07 0.00	-56.96 1.20 84.72	-60.43 1.47 91.34	-26.71 1.46 56.09	-34.42 1.10 56.81	15.78 1.31 6.32	23.18 1.48 0.00	23.98 1.45 0.00	21.47 1.40 1.32	25.68 1.73 1.07	29.51 2.13 0.67	33.59 2.39 0.00	121.60 2.41 -91.71	163.19 2.56 -128.81	84.27 1.96 -55.90	42.37 1.91 -13.53	46.38 2.49 -11.96	49.62 2.17 -17.20	69.77 2.21 -38.77	33.17 1.79 -5.87
HUNTLEY___63 23557	27.87 -0.33 0.00	27.80 -0.22 0.00	28.86 -0.30 0.00	27.41 -0.46 0.00	26.72 -0.16 0.00	26.36 -0.20 0.00	29.21 -0.23 0.00	27.50 -0.42 0.00	21.16 -0.13 0.00	20.81 0.03 0.00	21.55 -0.16 0.00	22.50 -0.04 0.00	21.30 -0.09 0.00	24.84 -0.19 0.00	27.73 -0.33 0.00	30.30 -0.90 0.00	25.90 -1.58 0.00	29.78 -2.04 0.00	24.43 -1.98 0.00	24.97 -1.95 0.00	29.94 -1.99 0.00	28.37 -1.89 0.00	26.84 -1.96 0.00	24.04 -1.47 0.00
HUNTLEY___64 23558	27.87 -0.33 0.00	27.80 -0.22 0.00	28.86 -0.30 0.00	27.41 -0.46 0.00	26.72 -0.16 0.00	26.36 -0.20 0.00	29.21 -0.23 0.00	27.50 -0.42 0.00	21.16 -0.13 0.00	20.81 0.03 0.00	21.55 -0.16 0.00	22.50 -0.04 0.00	21.30 -0.09 0.00	24.84 -0.19 0.00	27.73 -0.33 0.00	30.30 -0.90 0.00	25.90 -1.58 0.00	29.78 -2.04 0.00	24.43 -1.98 0.00	24.97 -1.95 0.00	29.94 -1.99 0.00	28.37 -1.89 0.00	26.84 -1.96 0.00	24.04 -1.47 0.00
HUNTLEY___65 23559	27.87 -0.33 0.00	27.80 -0.22 0.00	28.86 -0.30 0.00	27.41 -0.46 0.00	26.72 -0.16 0.00	26.36 -0.20 0.00	29.21 -0.23 0.00	27.50 -0.42 0.00	21.16 -0.13 0.00	20.81 0.03 0.00	21.55 -0.16 0.00	22.50 -0.04 0.00	21.30 -0.09 0.00	24.84 -0.19 0.00	27.73 -0.33 0.00	30.30 -0.90 0.00	25.90 -1.58 0.00	29.78 -2.04 0.00	24.43 -1.98 0.00	24.97 -1.95 0.00	29.94 -1.99 0.00	28.37 -1.89 0.00	26.84 -1.96 0.00	24.04 -1.47 0.00
HUNTLEY___66 23560	27.87 -0.33 0.00	27.80 -0.22 0.00	28.86 -0.30 0.00	27.41 -0.46 0.00	26.72 -0.16 0.00	26.36 -0.20 0.00	29.21 -0.23 0.00	27.50 -0.42 0.00	21.16 -0.13 0.00	20.81 0.03 0.00	21.55 -0.16 0.00	22.50 -0.04 0.00	21.30 -0.09 0.00	24.84 -0.19 0.00	27.73 -0.33 0.00	30.30 -0.90 0.00	25.90 -1.58 0.00	29.78 -2.04 0.00	24.43 -1.98 0.00	24.97 -1.95 0.00	29.94 -1.99 0.00	28.37 -1.89 0.00	26.84 -1.96 0.00	24.04 -1.47 0.00
HUNTLEY___67 23561	27.70 -0.51 0.00	27.63 -0.39 0.00	28.66 -0.50 0.00	27.21 -0.66 0.00	26.56 -0.32 0.00	26.15 -0.41 0.00	28.97 -0.47 0.00	27.29 -0.62 0.00	20.98 -0.32 0.00	20.65 -0.14 0.00	21.41 -0.30 0.00	22.34 -0.19 0.00	21.15 -0.24 0.00	24.66 -0.36 0.00	27.55 -0.51 0.00	30.16 -1.03 0.00	25.79 -1.69 0.00	29.65 -2.17 0.00	24.33 -2.09 0.00	24.86 -2.07 0.00	29.74 -2.18 0.00	28.17 -2.09 0.00	26.67 -2.12 0.00	23.88 -1.63 0.00
HUNTLEY___68 23562	27.70 -0.51 0.00	27.63 -0.39 0.00	28.66 -0.50 0.00	27.21 -0.66 0.00	26.56 -0.32 0.00	26.15 -0.41 0.00	28.97 -0.47 0.00	27.29 -0.62 0.00	20.98 -0.32 0.00	20.65 -0.14 0.00	21.41 -0.30 0.00	22.34 -0.19 0.00	21.15 -0.24 0.00	24.66 -0.36 0.00	27.55 -0.51 0.00	30.16 -1.03 0.00	25.79 -1.69 0.00	29.65 -2.17 0.00	24.33 -2.09 0.00	24.86 -2.07 0.00	29.74 -2.18 0.00	28.17 -2.09 0.00	26.67 -2.12 0.00	23.88 -1.63 0.00
HYLAND___LFGE 323620	29.33 1.12 0.00	29.15 1.14 0.00	30.25 1.09 0.00	28.87 1.00 0.00	28.18 1.30 0.00	27.97 1.40 0.00	31.26 1.82 0.00	29.60 1.68 0.00	22.35 1.05 0.00	21.25 0.47 0.00	22.04 0.33 0.00	23.00 0.47 0.00	21.79 0.41 0.00	25.44 0.41 0.00	28.52 0.47 0.00	32.03 0.83 0.00	28.16 0.68 0.00	32.69 0.86 0.00	26.96 0.55 0.00	27.43 0.51 0.00	32.46 0.54 0.00	30.49 0.23 0.00	28.75 -0.04 0.00	25.53 0.02 0.00
INDECK___CORINTH 23802	30.01 1.81 0.00	29.82 1.81 0.00	31.12 1.96 0.00	29.77 1.89 0.00	28.80 1.92 0.00	28.58 2.02 0.00	31.72 2.28 0.00	30.04 2.13 0.00	22.74 1.44 0.00	22.05 1.27 0.00	23.02 1.32 0.00	23.77 1.24 0.00	22.48 1.09 0.00	26.21 1.18 0.00	29.28 1.22 0.00	32.43 1.23 0.00	29.67 0.92 -1.27	32.94 1.12 0.00	27.35 0.94 0.00	27.84 0.92 0.00	32.90 0.97 0.00	31.16 0.90 0.00	29.85 1.06 0.00	26.59 1.08 0.00



INDECK___ILION 23567	28.43 0.22 0.00	28.19 0.18 0.00	29.38 0.21 0.00	28.09 0.21 0.00	27.12 0.24 0.00	26.88 0.32 0.00	29.86 0.43 0.00	28.36 0.44 0.00	21.52 0.23 0.00	20.87 0.09 0.00	21.77 0.06 0.00	22.57 0.04 0.00	21.43 0.04 0.00	25.09 0.07 0.00	28.22 0.16 0.00	31.54 0.34 0.00	27.93 0.46 0.00	32.42 0.60 0.00	26.92 0.51 0.00	27.44 0.52 0.00	32.52 0.60 0.00	30.71 0.45 0.00	29.17 0.37 0.00	25.77 0.27 0.00
INDECK___OLEAN 23982	28.88 0.67 0.00	28.71 0.70 0.00	29.85 0.68 0.00	28.42 0.55 0.00	27.75 0.87 0.00	27.31 0.74 0.00	30.23 0.79 0.00	28.52 0.60 0.00	21.76 0.46 0.00	21.37 0.58 0.00	22.39 0.68 0.00	23.40 0.87 0.00	22.21 0.83 0.00	25.87 0.84 0.00	28.92 0.86 0.00	31.88 0.68 0.00	27.29 -0.19 0.00	31.47 -0.35 0.00	25.76 -0.65 0.00	26.33 -0.60 0.00	31.28 -0.65 0.00	29.68 -0.58 0.00	28.18 -0.62 0.00	25.06 -0.45 0.00
INDECK___OSWEGO 23783	27.67 -0.53 0.00	27.48 -0.53 0.00	28.61 -0.56 0.00	27.34 -0.53 0.00	26.38 -0.50 0.00	26.03 -0.53 0.00	28.82 -0.62 0.00	27.34 -0.58 0.00	20.87 -0.43 0.00	20.33 -0.45 0.00	21.20 -0.51 0.00	22.01 -0.52 0.00	20.88 -0.51 0.00	24.43 -0.60 0.00	27.36 -0.70 0.00	30.42 -0.78 0.00	26.82 -0.65 0.00	31.04 -0.78 0.00	25.78 -0.63 0.00	26.28 -0.64 0.00	31.07 -0.85 0.00	29.43 -0.83 0.00	28.05 -0.75 0.00	24.94 -0.57 0.00
INDECK___YERKES 23781	27.91 -0.30 0.00	27.83 -0.19 0.00	28.89 -0.27 0.00	27.44 -0.43 0.00	26.75 -0.13 0.00	26.39 -0.17 0.00	29.25 -0.19 0.00	27.54 -0.38 0.00	21.19 -0.11 0.00	20.83 0.05 0.00	21.57 -0.14 0.00	22.52 -0.01 0.00	21.33 -0.06 0.00	24.87 -0.16 0.00	27.76 -0.30 0.00	30.33 -0.87 0.00	25.94 -1.54 0.00	29.81 -2.01 0.00	24.46 -1.95 0.00	25.00 -1.93 0.00	29.96 -1.97 0.00	28.40 -1.86 0.00	26.86 -1.94 0.00	24.07 -1.45 0.00
INDIAN POINT_GT_1 24139	29.23 1.02 0.00	29.05 1.04 0.00	30.16 1.00 0.00	28.82 0.95 0.00	27.78 0.90 0.00	27.50 0.94 0.00	30.61 1.17 0.00	29.00 1.08 0.00	22.09 0.79 0.00	21.65 0.87 0.00	22.70 0.99 0.00	23.58 1.05 0.00	22.40 1.01 0.00	26.16 1.14 0.00	29.34 1.29 0.00	32.67 1.47 0.00	37.78 1.32 -8.99	33.43 1.61 0.00	27.65 1.24 0.00	28.17 1.25 0.00	33.41 1.48 0.00	31.67 1.42 0.00	30.08 1.29 0.00	26.46 0.94 0.00
INDIAN POINT_GT_2 23659	29.23 1.02 0.00	29.05 1.04 0.00	30.16 1.00 0.00	28.82 0.95 0.00	27.78 0.90 0.00	27.50 0.94 0.00	30.61 1.17 0.00	29.00 1.08 0.00	22.09 0.79 0.00	21.65 0.87 0.00	22.70 0.99 0.00	23.58 1.05 0.00	22.40 1.01 0.00	26.16 1.14 0.00	29.34 1.29 0.00	32.67 1.47 0.00	37.78 1.32 -8.99	33.43 1.61 0.00	27.65 1.24 0.00	28.17 1.25 0.00	33.41 1.48 0.00	31.67 1.42 0.00	30.08 1.29 0.00	26.46 0.94 0.00
INDIAN POINT_GT_3 24019	29.23 1.02 0.00	29.05 1.04 0.00	30.16 1.00 0.00	28.82 0.95 0.00	27.78 0.90 0.00	27.50 0.94 0.00	30.61 1.17 0.00	29.00 1.08 0.00	22.09 0.79 0.00	21.65 0.87 0.00	22.70 0.99 0.00	23.58 1.05 0.00	22.40 1.01 0.00	26.16 1.14 0.00	29.34 1.29 0.00	32.67 1.47 0.00	37.78 1.32 -8.99	33.43 1.61 0.00	27.65 1.24 0.00	28.17 1.25 0.00	33.41 1.48 0.00	31.67 1.42 0.00	30.08 1.29 0.00	26.46 0.94 0.00
INDIAN POINT___2 23530	29.18 0.97 0.00	29.01 1.00 0.00	30.11 0.94 0.00	28.77 0.89 0.00	27.72 0.84 0.00	27.45 0.89 0.00	30.54 1.10 0.00	28.93 1.01 0.00	22.03 0.73 0.00	21.60 0.82 0.00	22.64 0.94 0.00	23.52 0.99 0.00	22.34 0.95 0.00	26.09 1.06 0.00	29.26 1.20 0.00	32.58 1.38 0.00	43.15 1.23 -14.44	33.34 1.52 0.00	27.58 1.17 0.00	28.13 1.21 0.00	33.35 1.42 0.00	31.63 1.37 0.00	30.05 1.25 0.00	26.42 0.91 0.00
INDIAN POINT___3 23531	29.29 1.09 0.00	29.12 1.10 0.00	30.23 1.06 0.00	28.88 1.00 0.00	27.84 0.96 0.00	27.55 0.99 0.00	30.68 1.24 0.00	29.05 1.13 0.00	22.12 0.82 0.00	21.70 0.91 0.00	22.76 1.05 0.00	23.64 1.10 0.00	22.46 1.07 0.00	26.24 1.21 0.00	29.44 1.38 0.00	32.73 1.53 0.00	35.42 1.36 -6.59	33.47 1.65 0.00	27.65 1.24 0.00	28.14 1.21 0.00	33.35 1.43 0.00	31.64 1.38 0.00	30.05 1.26 0.00	26.44 0.93 0.00
INGHAM_C_115KV_TB7 356103	28.62 0.41 0.00	28.32 0.31 0.00	29.56 0.39 0.00	28.23 0.36 0.00	27.30 0.42 0.00	27.15 0.59 0.00	30.21 0.77 0.00	28.70 0.78 0.00	21.61 0.31 0.00	20.80 0.02 0.00	21.65 -0.06 0.00	22.40 -0.13 0.00	21.27 -0.12 0.00	24.95 -0.07 0.00	28.17 0.12 0.00	31.69 0.49 0.00	28.23 0.75 0.00	32.84 1.02 0.00	27.26 0.84 0.00	27.77 0.85 0.00	32.84 0.91 0.00	30.89 0.63 0.00	29.31 0.51 0.00	25.88 0.37 0.00
IP CORINTH___1 23988	30.01 1.81 0.00	29.82 1.81 0.00	31.12 1.96 0.00	29.77 1.89 0.00	28.80 1.92 0.00	28.58 2.02 0.00	31.72 2.28 0.00	30.05 2.13 0.00	22.74 1.44 0.00	22.05 1.27 0.00	23.02 1.32 0.00	23.77 1.24 0.00	22.50 1.11 0.00	26.27 1.24 0.00	29.40 1.34 0.00	32.60 1.40 0.00	29.83 1.09 -1.27	33.12 1.30 0.00	27.49 1.08 0.00	27.98 1.06 0.00	33.08 1.15 0.00	31.33 1.07 0.00	30.01 1.22 0.00	26.74 1.22 0.00
IP___TICONDEROGA 23804	30.97 2.77 0.00	30.76 2.75 0.00	32.21 3.04 0.00	30.87 3.00 0.00	30.11 3.23 0.00	29.93 3.37 0.00	33.18 3.75 0.00	31.44 3.52 0.00	23.73 2.43 0.00	22.94 2.15 0.00	23.99 2.28 0.00	24.80 2.27 0.00	23.57 2.19 0.00	27.83 2.81 0.00	31.38 3.32 0.00	34.95 3.75 0.00	31.87 3.12 -1.27	35.20 3.38 0.00	29.28 2.87 0.00	29.91 2.99 0.00	35.11 3.18 0.00	33.20 2.94 0.00	31.57 2.78 0.00	28.18 2.67 0.00
ISLIP_RES_REC 323679	29.81 1.61 0.00	29.87 1.85 0.00	30.83 1.66 0.00	29.44 1.57 0.00	28.40 1.52 0.00	197.86 1.57 -169.72	214.29 1.89 -182.97	142.20 1.91 -112.36	136.53 1.42 -113.81	34.98 1.54 -12.66	23.46 1.74 -0.01	24.24 1.71 0.00	21.75 1.62 1.26	26.03 2.03 1.02	29.91 2.49 0.64	34.05 2.85 0.00	81.49 2.84 -51.16	94.89 3.07 -60.00	54.74 2.29 -26.04	35.57 2.34 -6.30	40.45 2.96 -5.57	40.85 2.59 -8.01	49.45 2.60 -18.06	30.36 2.12 -2.74
JAMAICA__27_KV_LOAD 355505	29.51 1.31 0.00	29.29 1.27 0.00	30.39 1.23 0.00	29.02 1.15 0.00	27.99 1.11 0.00	27.69 1.13 0.00	30.93 1.49 0.00	29.38 1.47 0.00	22.41 1.11 0.00	21.98 1.20 0.00	23.04 1.32 0.00	23.92 1.39 0.00	22.72 1.33 0.00	26.50 1.47 0.00	29.72 1.66 0.00	33.12 1.92 0.00	36.02 1.73 -6.81	33.96 2.13 0.00	28.07 1.66 0.00	28.64 1.71 0.00	33.92 1.99 0.00	32.11 1.85 0.00	30.46 1.67 0.00	26.75 1.24 0.00
JANIS___SOLAR 323808	29.72 1.51 0.00	29.48 1.46 0.00	30.78 1.61 0.00	29.41 1.53 0.00	28.47 1.59 0.00	28.26 1.70 0.00	31.54 2.11 0.00	29.93 2.02 0.00	22.55 1.26 0.00	21.69 0.91 0.00	22.45 0.74 0.00	23.27 0.73 0.00	22.06 0.68 0.00	25.85 0.82 0.00	29.13 1.08 0.00	32.83 1.63 0.00	29.30 1.82 0.00	34.05 2.23 0.00	28.21 1.80 0.00	28.76 1.83 0.00	33.97 2.04 0.00	32.03 1.77 0.00	30.31 1.52 0.00	26.71 1.20 0.00



JARVIS____ 23743	28.20 0.00 0.00	28.01 0.00 0.00	29.17 0.00 0.00	27.88 0.01 0.00	26.89 0.02 0.00	26.60 0.04 0.00	29.52 0.08 0.00	28.01 0.09 0.00	21.36 0.07 0.00	20.83 0.05 0.00	21.77 0.06 0.00	22.59 0.06 0.00	21.44 0.05 0.00	25.08 0.06 0.00	28.12 0.07 0.00	31.30 0.10 0.00	27.60 0.12 0.00	31.98 0.16 0.00	26.55 0.13 0.00	27.06 0.14 0.00	32.14 0.21 0.00	30.44 0.18 0.00	28.94 0.15 0.00	25.62 0.10 0.00
JENNISON____1 23625	29.70 1.50 0.00	29.44 1.42 0.00	30.80 1.63 0.00	29.43 1.55 0.00	28.44 1.56 0.00	28.26 1.69 0.00	31.49 2.05 0.00	29.92 2.00 0.00	22.67 1.37 0.00	21.99 1.21 0.00	22.89 1.18 0.00	23.74 1.21 0.00	22.51 1.12 0.00	26.32 1.30 0.00	29.60 1.54 0.00	33.22 2.02 0.00	29.43 1.95 0.00	34.20 2.37 0.00	28.30 1.89 0.00	28.86 1.94 0.00	34.11 2.18 0.00	32.19 1.93 0.00	30.44 1.64 0.00	26.77 1.26 0.00
JENNISON____2 23626	29.70 1.50 0.00	29.44 1.42 0.00	30.80 1.63 0.00	29.43 1.55 0.00	28.44 1.56 0.00	28.26 1.69 0.00	31.49 2.05 0.00	29.92 2.00 0.00	22.67 1.37 0.00	21.99 1.21 0.00	22.89 1.18 0.00	23.74 1.21 0.00	22.51 1.12 0.00	26.32 1.30 0.00	29.60 1.54 0.00	33.22 2.02 0.00	29.43 1.95 0.00	34.20 2.37 0.00	28.30 1.89 0.00	28.86 1.94 0.00	34.11 2.18 0.00	32.19 1.93 0.00	30.44 1.64 0.00	26.77 1.26 0.00
JERICHO_RISE_WT_PWR 323719	27.21 -0.99 0.00	27.17 -0.84 0.00	28.17 -1.00 0.00	27.09 -0.78 0.00	26.28 -0.60 0.00	26.29 -0.27 0.00	29.48 0.05 0.00	28.10 0.18 0.00	21.78 0.49 0.00	21.43 0.64 0.00	22.67 0.95 0.00	23.64 1.11 0.00	22.38 0.99 0.00	26.17 1.14 0.00	29.08 1.02 0.00	32.35 1.15 0.00	28.34 0.86 0.00	32.87 1.05 0.00	27.42 1.01 0.00	28.21 1.28 0.00	34.73 2.81 0.00	32.78 2.52 0.00	30.76 1.96 0.00	27.15 1.63 0.00
KATONAH____115KV_46KV_TB4 355592	29.45 1.25 0.00	29.28 1.26 0.00	30.39 1.23 0.00	29.05 1.17 0.00	28.02 1.14 0.00	27.74 1.18 0.00	30.90 1.46 0.00	29.30 1.38 0.00	22.33 1.03 0.00	21.88 1.09 0.00	22.92 1.20 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.41 1.38 0.00	29.65 1.59 0.00	32.97 1.78 0.00	32.92 1.62 -3.82	33.81 1.98 0.00	27.97 1.56 0.00	28.47 1.55 0.00	33.74 1.81 0.00	31.96 1.70 0.00	30.34 1.55 0.00	26.67 1.16 0.00
KCE_NY_1 323755	29.77 1.56 0.00	29.54 1.53 0.00	30.80 1.63 0.00	29.44 1.57 0.00	28.44 1.56 0.00	28.21 1.65 0.00	31.24 1.81 0.00	29.65 1.73 0.00	22.44 1.15 0.00	21.78 0.99 0.00	22.75 1.04 0.00	23.54 1.00 0.00	22.35 0.96 0.00	26.17 1.14 0.00	29.46 1.41 0.00	32.83 1.63 0.00	30.18 1.43 -1.28	33.49 1.66 0.00	27.80 1.39 0.00	28.30 1.38 0.00	33.52 1.59 0.00	31.77 1.51 0.00	30.27 1.47 0.00	26.81 1.30 0.00
KCE_NY_6_ESR 323823	28.08 -0.12 0.00	27.98 -0.03 0.00	29.05 -0.11 0.00	27.59 -0.29 0.00	26.94 0.06 0.00	26.56 -0.01 0.00	29.46 0.03 0.00	27.77 -0.15 0.00	21.31 0.02 0.00	20.95 0.17 0.00	21.77 0.06 0.00	22.72 0.18 0.00	21.52 0.12 0.00	25.07 0.04 0.00	28.01 -0.04 0.00	30.72 -0.48 0.00	26.27 -1.21 0.00	30.23 -1.60 0.00	24.79 -1.63 0.00	25.33 -1.59 0.00	30.22 -1.71 0.00	28.59 -1.67 0.00	27.05 -1.75 0.00	24.19 -1.32 0.00
KEDC_PORT_JEFF_GT2 24210	29.63 1.43 0.00	29.69 1.68 0.00	30.65 1.48 0.00	29.25 1.38 0.00	28.22 1.34 0.00	240.37 -1.42 -212.39	260.08 1.67 -228.97	170.14 1.61 -140.61	164.98 1.26 -142.43	38.03 1.41 -15.84	23.32 1.60 -0.01	24.09 1.56 0.00	21.48 1.48 1.39	25.73 1.84 1.13	29.62 2.27 0.70	33.77 2.58 0.00	90.14 2.56 -60.10	109.54 2.63 -75.09	60.92 1.92 -32.59	36.76 1.95 -7.89	41.48 2.58 -6.97	42.55 2.27 -10.02	53.73 2.33 -22.60	30.85 1.92 -3.42
KEDC_PORT_JEFF_GT3 24211	29.63 1.43 0.00	29.69 1.68 0.00	30.65 1.48 0.00	29.25 1.38 0.00	28.22 1.34 0.00	240.37 -1.42 -212.39	260.08 1.67 -228.97	170.14 1.61 -140.61	164.98 1.26 -142.43	38.03 1.41 -15.84	23.32 1.60 -0.01	24.09 1.56 0.00	21.48 1.48 1.39	25.73 1.84 1.13	29.62 2.27 0.70	33.77 2.58 0.00	90.14 2.56 -60.10	109.54 2.63 -75.09	60.92 1.92 -32.59	36.76 1.95 -7.89	41.48 2.58 -6.97	42.55 2.27 -10.02	53.73 2.33 -22.60	30.85 1.92 -3.42
KEDC_GLWD_GT4 24219	29.43 1.23 0.00	29.31 1.30 0.00	30.36 1.20 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.70 1.14 0.00	30.85 1.42 0.00	29.19 1.27 0.00	22.25 0.95 0.00	21.94 1.16 0.00	23.03 1.32 0.00	23.89 1.36 0.00	25.82 1.32 -3.11	29.12 1.57 -2.52	31.47 1.83 -1.58	33.24 2.05 0.00	41.09 1.90 -11.71	33.92 2.09 0.00	28.00 1.59 0.00	28.51 1.59 0.00	33.87 1.94 0.00	32.12 1.86 0.00	30.58 1.78 0.00	26.88 1.37 0.00
KEDC_GLWD_GT5 24220	29.43 1.23 0.00	29.31 1.30 0.00	30.36 1.20 0.00	28.98 1.11 0.00	27.95 1.07 0.00	27.70 1.14 0.00	30.85 1.42 0.00	29.19 1.27 0.00	22.25 0.95 0.00	21.94 1.16 0.00	23.03 1.32 0.00	23.89 1.36 0.00	25.82 1.32 -3.11	29.12 1.57 -2.52	31.47 1.83 -1.58	33.24 2.05 0.00	41.09 1.90 -11.71	33.92 2.09 0.00	28.00 1.59 0.00	28.51 1.59 0.00	33.87 1.94 0.00	32.12 1.86 0.00	30.58 1.78 0.00	26.88 1.37 0.00
KENSICO____ 23655	29.31 1.11 0.00	29.14 1.13 0.00	30.24 1.08 0.00	28.88 1.01 0.00	27.85 0.98 0.00	27.57 1.01 0.00	30.71 1.27 0.00	29.11 1.19 0.00	22.18 0.88 0.00	21.75 0.96 0.00	22.80 1.09 0.00	23.67 1.14 0.00	22.49 1.11 0.00	26.28 1.26 0.00	29.48 1.42 0.00	32.81 1.61 0.00	36.20 1.44 -7.28	33.57 1.75 0.00	27.76 1.35 0.00	28.27 1.35 0.00	33.52 1.59 0.00	31.77 1.51 0.00	30.17 1.38 0.00	26.53 1.02 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	29.43 1.23 0.00	29.23 1.22 0.00	30.35 1.18 0.00	28.99 1.12 0.00	27.94 1.06 0.00	27.71 1.15 0.00	30.88 1.44 0.00	29.30 1.38 0.00	22.27 0.97 0.00	21.73 0.94 0.00	22.67 0.96 0.00	23.47 0.94 0.00	22.08 0.69 0.00	25.85 0.82 0.00	29.05 0.99 0.00	32.45 1.25 0.00	28.77 1.29 0.00	33.50 1.68 0.00	27.73 1.32 0.00	28.30 1.38 0.00	33.77 1.84 0.00	31.98 1.72 0.00	30.33 1.54 0.00	26.67 1.16 0.00
KIAC_JFK_GT1 23816	29.42 1.22 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.94 1.06 0.00	27.91 1.03 0.00	27.61 1.04 0.00	30.83 1.39 0.00	29.27 1.35 0.00	22.34 1.04 0.00	21.91 1.13 0.00	22.96 1.25 0.00	23.84 1.31 0.00	22.66 1.27 0.00	26.41 1.38 0.00	29.62 1.56 0.00	33.00 1.81 0.00	35.92 1.63 -6.81	33.83 2.01 0.00	27.97 1.56 0.00	28.53 1.60 0.00	33.79 1.87 0.00	32.00 1.74 0.00	30.35 1.56 0.00	26.67 1.16 0.00
KIAC_JFK_GT2 23817	29.42 1.22 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.94 1.06 0.00	27.91 1.03 0.00	27.61 1.04 0.00	30.83 1.39 0.00	29.27 1.35 0.00	22.34 1.04 0.00	21.91 1.13 0.00	22.96 1.25 0.00	23.84 1.31 0.00	22.66 1.27 0.00	26.41 1.38 0.00	29.62 1.56 0.00	33.00 1.81 0.00	35.92 1.63 -6.81	33.83 2.01 0.00	27.97 1.56 0.00	28.53 1.60 0.00	33.79 1.87 0.00	32.00 1.74 0.00	30.35 1.56 0.00	26.67 1.16 0.00



KIAC_JFK____ 323774	29.42 1.22 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.93 1.06 0.00	27.91 1.03 0.00	27.61 1.04 0.00	30.82 1.39 0.00	29.26 1.34 0.00	22.33 1.03 0.00	21.91 1.13 0.00	22.96 1.25 0.00	23.84 1.31 0.00	22.66 1.27 0.00	26.41 1.38 0.00	29.62 1.57 0.00	33.00 1.81 0.00	35.92 1.62 -6.81	33.83 2.01 0.00	27.97 1.55 0.00	28.53 1.60 0.00	33.80 1.87 0.00	32.00 1.74 0.00	30.35 1.56 0.00	26.66 1.15 0.00
KINTIGH____ 23543	27.65 -0.55 0.00	27.58 -0.44 0.00	28.63 -0.54 0.00	27.21 -0.67 0.00	26.48 -0.39 0.00	26.09 -0.47 0.00	28.90 -0.53 0.00	27.26 -0.66 0.00	20.93 -0.37 0.00	20.58 -0.20 0.00	21.32 -0.39 0.00	22.23 -0.31 0.00	21.08 -0.32 0.00	24.60 -0.42 0.00	27.48 -0.58 0.00	30.17 -1.02 0.00	25.95 -1.52 0.00	29.85 -1.97 0.00	24.56 -1.85 0.00	25.07 -1.85 0.00	29.95 -1.98 0.00	28.40 -1.86 0.00	26.93 -1.87 0.00	24.08 -1.43 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	27.72 -0.48 0.00	27.65 -0.37 0.00	28.66 -0.51 0.00	27.58 -0.29 0.00	26.81 -0.07 0.00	26.86 0.30 0.00	30.14 0.71 0.00	28.80 0.88 0.00	22.35 1.05 0.00	21.95 1.17 0.00	23.26 1.55 0.00	24.21 1.68 0.00	22.90 1.51 0.00	26.77 1.74 0.00	29.71 1.66 0.00	33.16 1.96 0.00	29.12 1.64 0.00	33.69 1.87 0.00	28.11 1.69 0.00	28.93 2.00 0.00	35.55 3.62 0.00	33.53 3.27 0.00	31.47 2.68 0.00	27.76 2.25 0.00
LACHUTE____HYDRO 323717	30.97 2.77 0.00	30.77 2.75 0.00	32.21 3.04 0.00	30.87 3.00 0.00	30.11 3.23 0.00	29.93 3.37 0.00	33.18 3.74 0.00	31.44 3.52 0.00	23.73 2.43 0.00	22.94 2.15 0.00	23.99 2.29 0.00	24.80 2.27 0.00	23.58 2.19 0.00	27.83 2.80 0.00	31.37 3.32 0.00	34.95 3.75 0.00	31.87 3.12 -1.27	35.20 3.38 0.00	29.28 2.87 0.00	29.91 2.99 0.00	35.11 3.18 0.00	33.20 2.94 0.00	31.58 2.78 0.00	28.18 2.67 0.00
LAWRNCV_115KV_TB1 80681	27.42 -0.78 0.00	27.39 -0.63 0.00	28.41 -0.76 0.00	27.24 -0.63 0.00	26.38 -0.50 0.00	26.34 -0.23 0.00	29.49 0.05 0.00	28.35 0.43 0.00	22.15 0.85 0.00	21.73 0.95 0.00	22.81 1.10 0.00	23.78 1.25 0.00	22.47 1.08 0.00	26.24 1.21 0.00	29.23 1.17 0.00	32.55 1.35 0.00	28.45 0.97 0.00	32.67 0.85 0.00	27.14 0.73 0.00	27.87 0.95 0.00	34.45 2.53 0.00	32.50 2.25 0.00	30.43 1.63 0.00	26.83 1.32 0.00
LEDERLE____ 23769	29.40 1.20 0.00	29.22 1.21 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.66 1.10 0.00	30.80 1.36 0.00	29.16 1.24 0.00	22.18 0.87 0.00	21.76 0.98 0.00	22.83 1.12 0.00	23.73 1.19 0.00	22.53 1.14 0.00	26.32 1.30 0.00	29.52 1.46 0.00	32.84 1.64 0.00	15.58 1.43 13.32	33.58 1.76 0.00	27.74 1.33 0.00	28.25 1.33 0.00	33.49 1.57 0.00	31.78 1.52 0.00	30.15 1.36 0.00	26.52 1.00 0.00
LIGHTHSE_115KV_TB6 355974	27.93 -0.27 0.00	27.68 -0.34 0.00	28.86 -0.31 0.00	27.63 -0.24 0.00	26.69 -0.19 0.00	26.39 -0.17 0.00	29.31 -0.13 0.00	27.83 -0.08 0.00	21.21 -0.09 0.00	20.60 -0.18 0.00	21.43 -0.28 0.00	22.23 -0.31 0.00	21.07 -0.32 0.00	24.63 -0.39 0.00	27.61 -0.45 0.00	30.87 -0.33 0.00	27.39 -0.09 0.00	31.74 -0.09 0.00	26.34 -0.07 0.00	26.84 -0.08 0.00	31.86 -0.07 0.00	30.09 -0.17 0.00	28.55 -0.25 0.00	25.31 -0.20 0.00
LINDEN COGEN____ 23786	29.25 1.04 0.00	29.05 1.04 0.00	30.13 0.97 0.00	28.79 0.91 0.00	27.74 0.86 0.00	27.43 0.87 0.00	30.61 1.18 0.00	29.01 1.09 0.00	22.13 0.83 0.00	21.72 0.94 0.00	22.78 1.07 0.00	23.65 1.12 0.00	22.48 1.09 0.00	26.21 1.19 0.00	29.41 1.35 0.00	32.78 1.58 0.00	31.05 1.40 -2.17	33.55 1.73 0.00	27.72 1.31 0.00	28.25 1.32 0.00	33.49 1.56 0.00	31.74 1.49 0.00	30.12 1.33 0.00	26.47 0.96 0.00
LINDHRST_69_KV_BK1 356055	29.73 1.53 0.00	29.69 1.67 0.00	30.67 1.51 0.00	29.25 1.38 0.00	28.22 1.34 0.00	39.16 1.42 -11.17	43.28 1.80 -12.04	37.13 1.81 -7.40	30.06 1.27 -7.49	23.01 1.39 -0.83	23.31 1.60 0.00	24.14 1.61 0.00	23.47 1.54 -0.54	27.37 1.90 -0.44	30.65 2.32 -0.27	33.82 2.62 0.00	47.62 2.62 -17.52	38.62 2.85 -3.95	30.26 2.14 -1.71	29.53 2.19 -0.42	35.00 2.71 -0.37	33.15 2.36 -0.53	32.33 2.35 -1.19	27.58 1.89 -0.18
LIPA_MISC_IPP 23656	29.59 1.38 0.00	29.70 1.69 0.00	30.66 1.49 0.00	29.28 1.41 0.00	28.23 1.35 0.00	226.10 1.45 -198.09	244.64 1.64 -213.56	160.79 1.72 -131.14	155.36 1.23 -132.83	36.94 1.38 -14.77	23.30 1.58 -0.01	24.08 1.55 0.00	21.41 1.47 1.45	25.69 1.84 1.18	29.60 2.28 0.73	33.80 2.60 0.00	87.26 2.63 -57.15	104.61 2.76 -70.03	58.90 2.09 -30.39	36.41 2.13 -7.35	41.11 2.68 -6.50	41.93 2.32 -9.35	52.24 2.36 -21.08	30.63 1.93 -3.19
LISF____SOLAR 323691	29.62 1.42 0.00	29.74 1.72 0.00	30.70 1.53 0.00	29.31 1.44 0.00	28.27 1.39 0.00	224.65 1.49 -196.59	243.06 1.69 -211.94	159.81 1.74 -130.15	154.39 1.26 -131.83	36.85 1.41 -14.66	23.31 1.59 -0.01	24.09 1.56 0.00	21.44 1.48 1.43	25.71 1.84 1.16	29.63 2.30 0.72	33.84 2.64 0.00	86.97 2.66 -56.83	104.17 2.85 -69.50	58.74 2.17 -30.16	36.42 2.20 -7.30	41.15 2.77 -6.45	41.96 2.42 -9.28	52.17 2.46 -20.92	30.68 2.01 -3.17
LITTLE FALLS____HYD 24013	28.62 0.41 0.00	28.32 0.31 0.00	29.56 0.39 0.00	28.23 0.36 0.00	27.30 0.42 0.00	27.15 0.59 0.00	30.21 0.77 0.00	28.70 0.78 0.00	21.61 0.31 0.00	20.80 0.02 0.00	21.65 -0.06 0.00	22.40 -0.13 0.00	21.27 -0.12 0.00	24.95 -0.07 0.00	28.17 0.12 0.00	31.69 0.49 0.00	28.23 0.75 0.00	32.84 1.02 0.00	27.26 0.84 0.00	27.77 0.85 0.00	32.84 0.91 0.00	30.89 0.63 0.00	29.31 0.51 0.00	25.88 0.37 0.00
LITTLRIV_115KV_TB1 356100	27.74 -0.47 0.00	27.71 -0.30 0.00	28.74 -0.43 0.00	27.55 -0.32 0.00	26.70 -0.18 0.00	26.69 0.13 0.00	29.92 0.49 0.00	28.81 0.89 0.00	22.70 1.40 0.00	22.17 1.39 0.00	23.09 1.38 0.00	24.08 1.55 0.00	22.74 1.36 0.00	26.56 1.53 0.00	29.55 1.49 0.00	32.95 1.75 0.00	28.87 1.39 0.00	33.19 1.36 0.00	27.57 1.15 0.00	28.29 1.36 0.00	34.96 3.04 0.00	32.99 2.73 0.00	30.84 2.04 0.00	27.18 1.67 0.00
LI_NEWBRDGE____DRP 323616	29.28 1.08 0.00	29.21 1.19 0.00	30.21 1.04 0.00	28.82 0.94 0.00	27.78 0.90 0.00	27.55 0.99 0.00	30.69 1.25 0.00	29.18 1.26 0.00	22.21 0.91 0.00	21.85 1.07 0.00	22.96 1.25 0.00	23.79 1.26 0.00	20.21 1.23 2.41	24.58 1.51 1.96	28.68 1.85 1.22	33.19 1.99 0.00	45.73 2.01 -16.24	33.98 2.15 0.00	28.02 1.61 0.00	28.53 1.60 0.00	33.95 2.02 0.00	32.04 1.78 0.00	30.59 1.79 0.00	26.92 1.40 0.00
LOCKPORT_115KV_TB60_63_64 80432	27.63 -0.57 0.00	27.58 -0.44 0.00	28.60 -0.56 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.12 -0.44 0.00	28.93 -0.50 0.00	27.25 -0.67 0.00	20.96 -0.34 0.00	20.61 -0.17 0.00	21.32 -0.39 0.00	22.24 -0.29 0.00	21.05 -0.33 0.00	24.56 -0.47 0.00	27.41 -0.65 0.00	30.02 -1.17 0.00	25.70 -1.78 0.00	29.55 -2.27 0.00	24.26 -2.15 0.00	24.79 -2.14 0.00	29.73 -2.19 0.00	28.16 -2.10 0.00	26.66 -2.13 0.00	23.90 -1.61 0.00



LOCKPORT___CC1 323769	27.64 -0.57 0.00	27.58 -0.44 0.00	28.61 -0.56 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.11 -0.45 0.00	28.92 -0.52 0.00	27.25 -0.67 0.00	20.96 -0.34 0.00	20.61 -0.18 0.00	21.32 -0.39 0.00	22.25 -0.28 0.00	21.06 -0.33 0.00	24.56 -0.47 0.00	27.42 -0.64 0.00	30.03 -1.17 0.00	25.70 -1.78 0.00	29.54 -2.28 0.00	24.25 -2.17 0.00	24.77 -2.15 0.00	29.70 -2.23 0.00	28.13 -2.13 0.00	26.64 -2.16 0.00	23.88 -1.63 0.00
LOCKPORT___CC2 323770	27.64 -0.57 0.00	27.58 -0.44 0.00	28.61 -0.56 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.11 -0.45 0.00	28.92 -0.52 0.00	27.25 -0.67 0.00	20.96 -0.34 0.00	20.61 -0.18 0.00	21.32 -0.39 0.00	22.25 -0.28 0.00	21.06 -0.33 0.00	24.56 -0.47 0.00	27.42 -0.64 0.00	30.03 -1.17 0.00	25.70 -1.78 0.00	29.54 -2.28 0.00	24.25 -2.17 0.00	24.77 -2.15 0.00	29.70 -2.23 0.00	28.13 -2.13 0.00	26.64 -2.16 0.00	23.88 -1.63 0.00
LOCKPORT___CC3 323771	27.64 -0.57 0.00	27.58 -0.44 0.00	28.61 -0.56 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.11 -0.45 0.00	28.92 -0.52 0.00	27.25 -0.67 0.00	20.96 -0.34 0.00	20.61 -0.18 0.00	21.32 -0.39 0.00	22.25 -0.28 0.00	21.06 -0.33 0.00	24.56 -0.47 0.00	27.42 -0.64 0.00	30.03 -1.17 0.00	25.70 -1.78 0.00	29.54 -2.28 0.00	24.25 -2.17 0.00	24.77 -2.15 0.00	29.70 -2.23 0.00	28.13 -2.13 0.00	26.64 -2.16 0.00	23.88 -1.63 0.00
LONG_LAKE_PHOENIX 24014	27.86 -0.35 0.00	27.66 -0.36 0.00	28.78 -0.38 0.00	27.49 -0.38 0.00	26.54 -0.34 0.00	26.19 -0.37 0.00	29.00 -0.44 0.00	27.50 -0.42 0.00	20.98 -0.32 0.00	20.46 -0.32 0.00	21.35 -0.36 0.00	22.17 -0.37 0.00	21.03 -0.36 0.00	24.60 -0.42 0.00	27.57 -0.49 0.00	30.62 -0.57 0.00	26.97 -0.51 0.00	31.22 -0.60 0.00	25.92 -0.49 0.00	26.41 -0.51 0.00	31.22 -0.71 0.00	29.57 -0.69 0.00	28.17 -0.62 0.00	25.07 -0.45 0.00
LOVETT___3 23632	29.38 1.17 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.63 1.07 0.00	30.76 1.33 0.00	29.11 1.19 0.00	22.13 0.83 0.00	21.73 0.94 0.00	22.82 1.11 0.00	23.70 1.17 0.00	22.52 1.13 0.00	26.31 1.28 0.00	29.50 1.45 0.00	32.77 1.57 0.00	13.69 1.36 15.15	33.48 1.66 0.00	27.63 1.22 0.00	28.10 1.18 0.00	33.31 1.38 0.00	31.62 1.36 0.00	29.99 1.20 0.00	26.38 0.87 0.00
LOVETT___4 23642	29.38 1.17 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.63 1.07 0.00	30.76 1.33 0.00	29.11 1.19 0.00	22.13 0.83 0.00	21.73 0.94 0.00	22.82 1.11 0.00	23.70 1.17 0.00	22.52 1.13 0.00	26.31 1.28 0.00	29.50 1.45 0.00	32.77 1.57 0.00	13.69 1.36 15.15	33.48 1.66 0.00	27.63 1.22 0.00	28.10 1.18 0.00	33.31 1.38 0.00	31.62 1.36 0.00	29.99 1.20 0.00	26.38 0.87 0.00
LOVETT___5 23593	29.38 1.17 0.00	29.20 1.19 0.00	30.31 1.14 0.00	28.96 1.08 0.00	27.92 1.04 0.00	27.63 1.07 0.00	30.76 1.33 0.00	29.11 1.19 0.00	22.13 0.83 0.00	21.73 0.94 0.00	22.82 1.11 0.00	23.70 1.17 0.00	22.52 1.13 0.00	26.31 1.28 0.00	29.50 1.45 0.00	32.77 1.57 0.00	13.69 1.36 15.15	33.48 1.66 0.00	27.63 1.22 0.00	28.10 1.18 0.00	33.31 1.38 0.00	31.62 1.36 0.00	29.99 1.20 0.00	26.38 0.87 0.00
LOWER RAQUET___HYD 24057	27.45 -0.76 0.00	27.41 -0.61 0.00	28.43 -0.73 0.00	27.27 -0.60 0.00	26.42 -0.46 0.00	26.37 -0.19 0.00	29.52 0.09 0.00	28.45 0.53 0.00	22.24 0.94 0.00	21.80 1.02 0.00	22.85 1.14 0.00	23.81 1.28 0.00	22.49 1.10 0.00	26.26 1.23 0.00	29.25 1.20 0.00	32.61 1.41 0.00	28.53 1.05 0.00	32.72 0.90 0.00	27.18 0.77 0.00	27.91 0.98 0.00	34.47 2.55 0.00	32.52 2.26 0.00	30.43 1.64 0.00	26.83 1.32 0.00
LOWER___HUDSON 24059	29.31 1.11 0.00	29.09 1.07 0.00	30.29 1.12 0.00	28.96 1.09 0.00	27.94 1.06 0.00	27.64 1.07 0.00	30.57 1.13 0.00	28.98 1.06 0.00	21.99 0.69 0.00	21.38 0.59 0.00	22.34 0.63 0.00	23.14 0.60 0.00	22.00 0.61 0.00	25.81 0.78 0.00	29.05 0.99 0.00	32.36 1.16 0.00	29.84 1.02 -1.34	33.03 1.21 0.00	27.42 1.01 0.00	27.91 0.98 0.00	33.14 1.21 0.00	31.45 1.19 0.00	29.94 1.14 0.00	26.49 0.99 0.00
LOWVILLE_115KV_TB2 356335	28.17 -0.03 0.00	27.86 -0.15 0.00	29.13 -0.04 0.00	28.01 0.14 0.00	27.11 0.23 0.00	26.92 0.36 0.00	30.11 0.67 0.00	28.74 0.82 0.00	22.02 0.72 0.00	21.33 0.54 0.00	22.20 0.49 0.00	23.02 0.49 0.00	21.79 0.40 0.00	25.47 0.44 0.00	28.59 0.53 0.00	32.11 0.91 0.00	28.61 1.13 0.00	33.09 1.27 0.00	27.45 1.04 0.00	27.98 1.05 0.00	33.58 1.66 0.00	31.65 1.39 0.00	29.77 0.98 0.00	26.17 0.66 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	29.74 1.54 0.00	29.53 1.52 0.00	30.78 1.62 0.00	29.44 1.56 0.00	28.43 1.55 0.00	28.17 1.61 0.00	31.22 1.78 0.00	29.61 1.69 0.00	22.43 1.13 0.00	21.77 0.99 0.00	22.73 1.02 0.00	23.53 1.00 0.00	22.34 0.95 0.00	26.16 1.13 0.00	29.44 1.38 0.00	32.80 1.60 0.00	30.16 1.40 -1.28	33.47 1.65 0.00	27.78 1.37 0.00	28.28 1.35 0.00	33.51 1.58 0.00	31.75 1.49 0.00	30.25 1.46 0.00	26.80 1.29 0.00
LUTHERNY_35_KV_BK2 355980	29.77 1.56 0.00	29.54 1.53 0.00	30.80 1.63 0.00	29.44 1.57 0.00	28.44 1.56 0.00	28.21 1.65 0.00	31.24 1.81 0.00	29.65 1.73 0.00	22.44 1.15 0.00	21.78 0.99 0.00	22.75 1.04 0.00	23.54 1.00 0.00	22.35 0.96 0.00	26.16 1.14 0.00	29.47 1.41 0.00	32.83 1.63 0.00	30.18 1.43 -1.28	33.49 1.67 0.00	27.80 1.39 0.00	28.30 1.38 0.00	33.52 1.59 0.00	31.77 1.51 0.00	30.27 1.47 0.00	26.81 1.30 0.00
LWR___OSWEGATCHIE_HYD 23850	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.63 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.14 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.66 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
LYONS_FALL_HYD 23570	28.41 0.21 0.00	28.15 0.13 0.00	29.38 0.21 0.00	28.19 0.32 0.00	27.26 0.38 0.00	27.06 0.50 0.00	30.21 0.77 0.00	28.78 0.86 0.00	21.99 0.69 0.00	21.33 0.55 0.00	22.23 0.52 0.00	23.05 0.51 0.00	21.83 0.44 0.00	25.53 0.50 0.00	28.66 0.60 0.00	32.12 0.92 0.00	28.54 1.06 0.00	33.04 1.21 0.00	27.40 0.99 0.00	27.93 1.01 0.00	33.39 1.46 0.00	31.50 1.24 0.00	29.72 0.93 0.00	26.17 0.66 0.00
MADISON___COUNTY_LFGE 323628	28.94 0.73 0.00	28.73 0.72 0.00	29.94 0.77 0.00	28.64 0.76 0.00	27.69 0.81 0.00	27.44 0.88 0.00	30.54 1.11 0.00	28.99 1.07 0.00	22.05 0.76 0.00	21.41 0.62 0.00	22.29 0.58 0.00	23.13 0.59 0.00	21.91 0.52 0.00	25.63 0.61 0.00	28.79 0.74 0.00	32.16 0.96 0.00	28.53 1.05 0.00	33.05 1.22 0.00	27.41 0.99 0.00	27.93 1.00 0.00	33.13 1.20 0.00	31.31 1.05 0.00	29.68 0.88 0.00	26.20 0.69 0.00



MALONE___115KV_TB1 356076	27.65 -0.55 0.00	27.60 -0.42 0.00	28.62 -0.55 0.00	27.51 -0.36 0.00	26.71 -0.17 0.00	26.72 0.16 0.00	30.15 0.71 0.00	30.59 2.67 0.00	23.78 2.48 0.00	23.32 2.54 0.00	24.43 2.72 0.00	25.38 2.85 0.00	23.84 2.46 0.00	27.70 2.67 0.00	30.90 2.84 0.00	34.58 3.38 0.00	30.35 2.87 0.00	33.71 1.89 0.00	27.87 1.46 0.00	28.64 1.72 0.00	35.27 3.34 0.00	33.28 3.02 0.00	31.18 2.38 0.00	27.49 1.98 0.00
MAPLEWOD_115KV_TB3 80458	29.03 0.83 0.00	28.83 0.81 0.00	30.01 0.84 0.00	28.69 0.82 0.00	27.66 0.78 0.00	27.36 0.80 0.00	30.28 0.85 0.00	28.73 0.82 0.00	21.84 0.54 0.00	21.25 0.47 0.00	22.22 0.51 0.00	23.02 0.49 0.00	21.88 0.49 0.00	25.65 0.62 0.00	28.87 0.81 0.00	32.16 0.97 0.00	29.70 0.89 -1.33	32.89 1.07 0.00	27.28 0.87 0.00	27.78 0.85 0.00	32.97 1.05 0.00	31.27 1.01 0.00	29.76 0.96 0.00	26.30 0.79 0.00
MAPLE_RIDGE_WT_1 323574	27.69 -0.52 0.00	27.48 -0.53 0.00	28.60 -0.57 0.00	27.41 -0.46 0.00	26.49 -0.39 0.00	26.27 -0.29 0.00	29.25 -0.19 0.00	27.86 -0.06 0.00	21.39 0.10 0.00	20.95 0.17 0.00	21.98 0.27 0.00	22.87 0.33 0.00	21.67 0.28 0.00	25.35 0.33 0.00	28.34 0.28 0.00	31.50 0.30 0.00	27.67 0.19 0.00	32.02 0.19 0.00	26.61 0.20 0.00	27.22 0.29 0.00	32.80 0.88 0.00	31.03 0.77 0.00	29.31 0.52 0.00	25.82 0.31 0.00
MAPLE_RIDGE_WT_2 323611	27.69 -0.52 0.00	27.48 -0.53 0.00	28.60 -0.57 0.00	27.41 -0.46 0.00	26.49 -0.39 0.00	26.27 -0.29 0.00	29.25 -0.19 0.00	27.86 -0.06 0.00	21.39 0.10 0.00	20.95 0.17 0.00	21.98 0.27 0.00	22.87 0.33 0.00	21.67 0.28 0.00	25.35 0.33 0.00	28.34 0.28 0.00	31.50 0.30 0.00	27.67 0.19 0.00	32.02 0.19 0.00	26.61 0.20 0.00	27.22 0.29 0.00	32.80 0.88 0.00	31.03 0.77 0.00	29.31 0.52 0.00	25.82 0.31 0.00
MARBLE_RIVER_WT_PWR 323696	27.29 -0.91 0.00	27.23 -0.79 0.00	28.24 -0.93 0.00	27.16 -0.71 0.00	26.37 -0.50 0.00	26.40 -0.17 0.00	29.60 0.16 0.00	28.27 0.35 0.00	21.91 0.61 0.00	21.54 0.76 0.00	22.81 1.10 0.00	23.79 1.26 0.00	22.52 1.13 0.00	26.33 1.31 0.00	29.25 1.20 0.00	32.57 1.37 0.00	28.54 1.06 0.00	33.01 1.19 0.00	27.53 1.12 0.00	28.32 1.40 0.00	34.85 2.92 0.00	32.89 2.64 0.00	30.88 2.08 0.00	27.25 1.74 0.00
MARSHVLE_115KV_TB1 80742	29.61 1.41 0.00	29.41 1.39 0.00	30.65 1.49 0.00	29.28 1.41 0.00	28.34 1.47 0.00	28.06 1.50 0.00	31.34 1.90 0.00	29.81 1.89 0.00	22.67 1.38 0.00	22.03 1.24 0.00	22.93 1.22 0.00	23.83 1.29 0.00	22.59 1.20 0.00	26.30 1.28 0.00	29.42 1.37 0.00	32.95 1.75 0.00	29.30 1.82 0.00	33.97 2.15 0.00	28.18 1.77 0.00	28.75 1.82 0.00	34.10 2.17 0.00	32.13 1.87 0.00	30.36 1.57 0.00	26.85 1.34 0.00
MARSH_HILL_WT_PWR 323713	28.40 0.19 0.00	28.21 0.19 0.00	29.22 0.05 0.00	28.00 0.12 0.00	27.48 0.60 0.00	27.23 0.66 0.00	30.27 0.84 0.00	28.48 0.56 0.00	21.68 0.38 0.00	21.26 0.48 0.00	22.18 0.47 0.00	23.12 0.59 0.00	21.89 0.50 0.00	25.51 0.48 0.00	28.66 0.60 0.00	31.71 0.51 0.00	27.18 -0.30 0.00	31.20 -0.63 0.00	25.64 -0.77 0.00	25.98 -0.95 0.00	30.47 -1.46 0.00	28.55 -1.71 0.00	26.90 -1.90 0.00	23.78 -1.73 0.00
MCINTYRE_115KV_TB2 80467	27.84 -0.36 0.00	27.82 -0.19 0.00	28.84 -0.33 0.00	27.64 -0.23 0.00	26.80 -0.09 0.00	26.79 0.23 0.00	30.08 0.64 0.00	28.93 1.01 0.00	23.04 1.74 0.00	22.40 1.62 0.00	23.15 1.44 0.00	24.14 1.61 0.00	22.81 1.42 0.00	26.64 1.62 0.00	29.64 1.58 0.00	33.02 1.83 0.00	29.00 1.52 0.00	33.40 1.58 0.00	27.74 1.33 0.00	28.47 1.54 0.00	35.22 3.30 0.00	33.23 2.97 0.00	31.05 2.26 0.00	27.38 1.86 0.00
MECO___69_KV_BK1 80468	30.14 1.94 0.00	29.90 1.88 0.00	31.20 2.04 0.00	29.79 1.92 0.00	28.85 1.97 0.00	28.59 2.03 0.00	31.80 2.37 0.00	30.11 2.19 0.00	22.27 0.97 0.00	21.17 0.39 0.00	22.01 0.31 0.00	22.84 0.31 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.66 0.60 0.00	33.02 1.83 0.00	29.82 2.34 0.00	34.54 2.71 0.00	28.66 2.25 0.00	29.17 2.25 0.00	34.67 2.74 0.00	32.66 2.41 0.00	30.87 2.07 0.00	27.32 1.81 0.00
MENANDS_115KV_TB5 355628	28.86 0.65 0.00	28.66 0.64 0.00	29.83 0.67 0.00	28.53 0.65 0.00	27.49 0.61 0.00	27.18 0.62 0.00	30.07 0.64 0.00	28.53 0.61 0.00	21.70 0.40 0.00	21.12 0.34 0.00	22.10 0.39 0.00	22.89 0.35 0.00	21.77 0.38 0.00	25.52 0.49 0.00	28.71 0.66 0.00	31.97 0.77 0.00	29.51 0.70 -1.33	32.66 0.84 0.00	27.10 0.69 0.00	27.59 0.67 0.00	32.75 0.82 0.00	31.06 0.81 0.00	29.58 0.78 0.00	26.15 0.64 0.00
MG INDUSTRY___DRP 24185	28.78 0.58 0.00	28.60 0.58 0.00	29.78 0.62 0.00	28.47 0.60 0.00	27.41 0.53 0.00	27.12 0.55 0.00	30.01 0.58 0.00	28.46 0.54 0.00	21.66 0.36 0.00	21.11 0.33 0.00	22.07 0.36 0.00	22.89 0.35 0.00	21.75 0.36 0.00	25.48 0.45 0.00	28.64 0.58 0.00	31.87 0.67 0.00	29.40 0.63 -1.29	32.58 0.75 0.00	27.01 0.60 0.00	27.51 0.59 0.00	32.65 0.72 0.00	30.96 0.70 0.00	29.47 0.68 0.00	26.04 0.54 0.00
MID___OSWEGATCHIE_HYD 23849	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.63 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.14 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.66 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
MID___RAQUETTE_HYD 23851	27.45 -0.76 0.00	27.41 -0.61 0.00	28.43 -0.73 0.00	27.27 -0.60 0.00	26.42 -0.46 0.00	26.37 -0.19 0.00	29.52 0.09 0.00	28.45 0.53 0.00	22.24 0.94 0.00	21.80 1.02 0.00	22.85 1.14 0.00	23.81 1.28 0.00	22.49 1.10 0.00	26.26 1.23 0.00	29.26 1.20 0.00	32.61 1.41 0.00	28.53 1.06 0.00	32.73 0.90 0.00	27.18 0.77 0.00	27.91 0.98 0.00	34.47 2.55 0.00	32.52 2.26 0.00	30.43 1.64 0.00	26.83 1.32 0.00
MILLIKEN___1 23584	28.94 0.74 0.00	28.75 0.74 0.00	29.98 0.81 0.00	28.62 0.75 0.00	27.68 0.80 0.00	27.36 0.80 0.00	30.44 1.01 0.00	28.84 0.92 0.00	21.94 0.64 0.00	21.30 0.52 0.00	22.17 0.46 0.00	22.98 0.44 0.00	21.78 0.39 0.00	25.48 0.46 0.00	28.58 0.52 0.00	31.94 0.74 0.00	28.21 0.73 0.00	32.75 0.93 0.00	27.13 0.72 0.00	27.67 0.75 0.00	32.68 0.75 0.00	30.88 0.62 0.00	29.33 0.54 0.00	25.98 0.46 0.00
MILLIKEN___2 23585	28.94 0.74 0.00	28.75 0.74 0.00	29.98 0.81 0.00	28.62 0.75 0.00	27.68 0.80 0.00	27.36 0.80 0.00	30.44 1.01 0.00	28.84 0.92 0.00	21.94 0.64 0.00	21.30 0.52 0.00	22.17 0.46 0.00	22.98 0.44 0.00	21.78 0.39 0.00	25.48 0.46 0.00	28.58 0.52 0.00	31.94 0.74 0.00	28.21 0.73 0.00	32.75 0.93 0.00	27.13 0.72 0.00	27.67 0.75 0.00	32.68 0.75 0.00	30.88 0.62 0.00	29.33 0.54 0.00	25.98 0.46 0.00



MILLIKEN___DIESEL 23629	28.94 0.74 0.00	28.75 0.74 0.00	29.98 0.81 0.00	28.62 0.75 0.00	27.68 0.80 0.00	27.36 0.80 0.00	30.44 1.01 0.00	28.84 0.92 0.00	21.94 0.64 0.00	21.30 0.52 0.00	22.17 0.46 0.00	22.98 0.44 0.00	21.78 0.39 0.00	25.48 0.46 0.00	28.58 0.52 0.00	31.94 0.74 0.00	28.21 0.73 0.00	32.75 0.93 0.00	27.13 0.72 0.00	27.67 0.75 0.00	32.68 0.75 0.00	30.88 0.62 0.00	29.33 0.54 0.00	25.98 0.46 0.00
MILLSEAT___LFGE 323607	28.16 -0.04 0.00	28.07 0.05 0.00	29.13 -0.03 0.00	27.67 -0.19 0.00	26.99 0.11 0.00	26.67 0.10 0.00	29.64 0.20 0.00	27.97 0.05 0.00	21.46 0.16 0.00	21.02 0.24 0.00	21.69 -0.02 0.00	22.62 0.08 0.00	21.41 0.02 0.00	24.96 -0.07 0.00	27.92 -0.13 0.00	30.75 -0.45 0.00	26.50 -0.98 0.00	30.54 -1.29 0.00	25.10 -1.31 0.00	25.63 -1.29 0.00	30.66 -1.27 0.00	28.99 -1.27 0.00	27.42 -1.37 0.00	24.53 -0.98 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	29.28 1.07 0.00	29.10 1.09 0.00	30.21 1.04 0.00	28.86 0.98 0.00	27.83 0.95 0.00	27.54 0.98 0.00	30.65 1.22 0.00	29.05 1.14 0.00	22.13 0.84 0.00	21.70 0.92 0.00	22.75 1.04 0.00	23.63 1.09 0.00	22.44 1.05 0.00	26.23 1.20 0.00	29.42 1.36 0.00	32.74 1.54 0.00	36.72 1.38 -7.86	33.50 1.68 0.00	27.69 1.28 0.00	28.21 1.28 0.00	33.44 1.52 0.00	31.71 1.45 0.00	30.11 1.32 0.00	26.49 0.98 0.00
MILLWOOD_13_KV_LOAD 356217	29.34 1.13 0.00	29.17 1.15 0.00	30.28 1.11 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.61 1.04 0.00	30.74 1.30 0.00	29.14 1.22 0.00	22.19 0.89 0.00	21.75 0.97 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.51 1.12 0.00	26.30 1.28 0.00	29.50 1.44 0.00	32.84 1.64 0.00	36.80 1.46 -7.86	33.61 1.78 0.00	27.79 1.37 0.00	28.30 1.37 0.00	33.54 1.62 0.00	31.80 1.54 0.00	30.20 1.40 0.00	26.55 1.04 0.00
MODEL_CITY_ENERGY 24167	27.33 -0.88 0.00	27.28 -0.74 0.00	28.29 -0.88 0.00	26.84 -1.03 0.00	26.18 -0.69 0.00	25.81 -0.75 0.00	28.56 -0.88 0.00	26.89 -1.03 0.00	20.70 -0.59 0.00	20.36 -0.42 0.00	21.05 -0.66 0.00	21.97 -0.56 0.00	20.80 -0.59 0.00	24.25 -0.77 0.00	27.07 -0.99 0.00	29.62 -1.58 0.00	25.33 -2.15 0.00	29.10 -2.72 0.00	23.89 -2.52 0.00	24.41 -2.51 0.00	29.31 -2.62 0.00	27.78 -2.48 0.00	26.32 -2.47 0.00	23.61 -1.90 0.00
MODERN_LFGE___ 323580	27.33 -0.88 0.00	27.28 -0.74 0.00	28.29 -0.88 0.00	26.84 -1.03 0.00	26.18 -0.69 0.00	25.81 -0.75 0.00	28.56 -0.88 0.00	26.89 -1.03 0.00	20.70 -0.59 0.00	20.36 -0.42 0.00	21.05 -0.66 0.00	21.97 -0.56 0.00	20.80 -0.59 0.00	24.25 -0.77 0.00	27.07 -0.99 0.00	29.62 -1.58 0.00	25.33 -2.15 0.00	29.10 -2.72 0.00	23.89 -2.52 0.00	24.41 -2.51 0.00	29.31 -2.62 0.00	27.78 -2.48 0.00	26.32 -2.47 0.00	23.61 -1.90 0.00
MOHAWK_PAPER___DRP 24187	29.03 0.83 0.00	28.83 0.81 0.00	30.01 0.84 0.00	28.69 0.82 0.00	27.66 0.78 0.00	27.36 0.80 0.00	30.28 0.85 0.00	28.73 0.82 0.00	21.84 0.54 0.00	21.25 0.47 0.00	22.22 0.51 0.00	23.02 0.49 0.00	21.88 0.49 0.00	25.65 0.62 0.00	28.87 0.81 0.00	32.16 0.97 0.00	29.70 0.89 -1.33	32.89 1.07 0.00	27.28 0.87 0.00	27.78 0.85 0.00	32.97 1.05 0.00	31.27 1.01 0.00	29.76 0.96 0.00	26.30 0.79 0.00
MOHICAN__35_KV_115KV_LD 80490	30.09 1.89 0.00	29.90 1.88 0.00	31.20 2.03 0.00	29.84 1.97 0.00	28.90 2.02 0.00	28.67 2.12 0.00	31.82 2.38 0.00	30.16 2.24 0.00	22.81 1.51 0.00	22.10 1.32 0.00	23.08 1.36 0.00	23.85 1.31 0.00	22.60 1.21 0.00	26.45 1.43 0.00	29.69 1.64 0.00	33.00 1.80 0.00	30.20 1.45 -1.28	33.53 1.71 0.00	27.84 1.43 0.00	28.35 1.43 0.00	33.50 1.57 0.00	31.72 1.46 0.00	30.32 1.52 0.00	26.97 1.45 0.00
MONGAUP___HYD 23641	29.36 1.16 0.00	29.19 1.17 0.00	30.28 1.11 0.00	29.01 1.14 0.00	27.89 1.01 0.00	27.64 1.08 0.00	30.93 1.49 0.00	29.32 1.40 0.00	22.20 0.90 0.00	21.58 0.80 0.00	22.54 0.83 0.00	23.26 0.73 0.00	22.04 0.65 0.00	25.80 0.78 0.00	29.03 0.98 0.00	32.64 1.44 0.00	22.45 1.43 6.45	33.75 1.93 0.00	27.94 1.53 0.00	28.53 1.61 0.00	33.63 1.70 0.00	32.01 1.75 0.00	30.23 1.43 0.00	26.63 1.12 0.00
MONTAUK___DIESEL 23721	30.48 2.28 0.00	30.63 2.62 0.00	31.62 2.45 0.00	30.20 2.33 0.00	29.15 2.27 0.00	226.66 2.36 -197.74	245.38 2.76 -213.18	161.68 2.84 -130.91	155.94 2.04 -132.60	37.68 2.15 -14.75	24.04 2.32 -0.01	24.83 2.30 0.00	22.13 2.18 1.44	26.52 2.66 1.17	30.61 3.29 0.73	34.98 3.78 0.00	88.28 3.73 -57.07	105.82 4.09 -69.91	60.01 3.26 -30.34	37.57 3.30 -7.34	42.44 4.03 -6.49	43.14 3.55 -9.33	53.29 3.45 -21.04	31.54 2.84 -3.19
MOONROAD_115KV_HARTFLD_TB1-2 355988	28.89 0.69 0.00	28.76 0.74 0.00	29.86 0.69 0.00	28.39 0.51 0.00	27.76 0.88 0.00	27.36 0.80 0.00	30.42 0.98 0.00	28.49 0.57 0.00	21.84 0.54 0.00	21.57 0.79 0.00	22.50 0.79 0.00	23.51 0.98 0.00	22.32 0.93 0.00	25.99 0.97 0.00	28.99 0.93 0.00	31.64 0.44 0.00	26.96 -0.52 0.00	31.19 -0.63 0.00	25.35 -1.06 0.00	25.89 -1.04 0.00	30.66 -1.26 0.00	28.88 -1.38 0.00	27.06 -1.73 0.00	24.09 -1.42 0.00
MORTIMER_115KV_TB3 55949	28.10 -0.11 0.00	27.98 -0.03 0.00	29.07 -0.10 0.00	27.67 -0.20 0.00	26.90 0.02 0.00	26.54 -0.03 0.00	29.48 0.04 0.00	27.88 -0.04 0.00	21.35 0.05 0.00	20.91 0.13 0.00	21.68 -0.03 0.00	22.58 0.05 0.00	21.40 0.01 0.00	25.00 -0.03 0.00	27.97 -0.09 0.00	30.91 -0.29 0.00	26.84 -0.64 0.00	30.96 -0.86 0.00	25.55 -0.86 0.00	26.05 -0.88 0.00	30.99 -0.94 0.00	29.33 -0.93 0.00	27.80 -0.99 0.00	24.80 -0.72 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	29.38 1.18 0.00	29.20 1.19 0.00	30.29 1.13 0.00	28.94 1.06 0.00	27.90 1.02 0.00	27.61 1.04 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.85 1.07 0.00	22.91 1.19 0.00	23.79 1.25 0.00	22.60 1.21 0.00	26.39 1.36 0.00	29.60 1.54 0.00	32.96 1.76 0.00	35.83 1.57 -6.78	33.73 1.91 0.00	27.87 1.46 0.00	28.40 1.48 0.00	33.67 1.75 0.00	31.90 1.64 0.00	30.28 1.49 0.00	26.61 1.10 0.00
MUNSVILLE_WIND_PWR 323609	30.59 2.38 0.00	30.29 2.27 0.00	31.74 2.57 0.00	30.36 2.48 0.00	29.40 2.52 0.00	29.28 2.71 0.00	32.79 3.36 0.00	31.16 3.24 0.00	23.48 2.18 0.00	22.63 1.85 0.00	23.44 1.73 0.00	24.30 1.77 0.00	23.04 1.65 0.00	26.94 1.91 0.00	30.37 2.31 0.00	34.27 3.08 0.00	30.58 3.10 0.00	35.57 3.75 0.00	29.46 3.05 0.00	30.03 3.10 0.00	35.46 3.53 0.00	33.40 3.14 0.00	31.48 2.69 0.00	27.52 2.01 0.00
N SALMON___HYD 24042	27.65 -0.55 0.00	27.60 -0.41 0.00	28.62 -0.55 0.00	27.51 -0.36 0.00	26.71 -0.17 0.00	26.73 0.16 0.00	30.15 0.71 0.00	30.59 2.67 0.00	23.78 2.48 0.00	23.32 2.54 0.00	24.42 2.72 0.00	25.38 2.85 0.00	23.84 2.46 0.00	27.70 2.67 0.00	30.90 2.84 0.00	34.58 3.38 0.00	30.35 2.87 0.00	33.71 1.89 0.00	27.87 1.46 0.00	28.64 1.72 0.00	35.27 3.34 0.00	33.28 3.02 0.00	31.17 2.38 0.00	27.49 1.98 0.00



N.AKRON__115KV_KNAPP 355671	28.02 -0.18 0.00	27.94 -0.07 0.00	29.00 -0.17 0.00	27.54 -0.34 0.00	26.85 -0.03 0.00	26.52 -0.04 0.00	29.45 0.01 0.00	27.78 -0.14 0.00	21.32 0.03 0.00	20.92 0.14 0.00	21.61 -0.10 0.00	22.54 0.01 0.00	21.34 -0.05 0.00	24.88 -0.14 0.00	27.80 -0.26 0.00	30.56 -0.64 0.00	26.26 -1.22 0.00	30.25 -1.58 0.00	24.85 -1.56 0.00	25.38 -1.54 0.00	30.39 -1.54 0.00	28.76 -1.50 0.00	27.21 -1.59 0.00	24.35 -1.16 0.00
N.BELMOR_69_KV_BK1 55787	29.47 1.27 0.00	29.39 1.37 0.00	30.39 1.22 0.00	28.99 1.12 0.00	27.96 1.08 0.00	27.74 1.17 0.00	30.90 1.46 0.00	29.38 1.46 0.00	22.36 1.06 0.00	21.98 1.20 0.00	23.09 1.39 0.00	23.94 1.41 0.00	27.56 1.36 -4.81	30.60 1.66 -3.91	32.50 2.01 -2.44	33.41 2.22 0.00	43.34 2.15 -13.71	34.17 2.34 0.00	28.19 1.78 0.00	28.70 1.78 0.00	34.15 2.22 0.00	32.28 2.02 0.00	30.80 2.01 0.00	27.08 1.57 0.00
N.E_GEN_SANDY PD 24062	29.19 0.98 0.00	29.00 0.99 0.00	30.15 0.98 0.00	28.82 0.95 0.00	27.82 0.94 0.00	27.49 0.93 0.00	30.11 1.01 0.34	28.86 0.94 0.00	21.96 0.66 0.00	21.98 0.62 -0.57	22.38 0.68 0.00	23.36 0.66 -0.16	22.08 0.69 0.00	25.89 0.86 0.00	29.13 1.08 0.00	31.89 1.21 0.52	30.80 1.09 -2.23	32.82 1.29 0.30	27.50 1.07 -0.03	27.96 1.03 0.00	33.18 1.26 0.00	31.51 1.24 -0.01	30.83 1.17 -0.87	27.77 0.95 -1.31
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	29.35 1.15 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.61 1.04 0.00	30.73 1.30 0.00	29.08 1.17 0.00	22.12 0.82 0.00	21.71 0.92 0.00	22.79 1.08 0.00	23.68 1.15 0.00	22.50 1.11 0.00	26.28 1.26 0.00	29.47 1.41 0.00	32.75 1.55 0.00	14.36 1.34 14.46	33.47 1.65 0.00	27.63 1.22 0.00	28.12 1.19 0.00	33.33 1.41 0.00	31.64 1.38 0.00	30.04 1.24 0.00	26.43 0.91 0.00
N.QUEENS_27_KV_LOAD 356247	29.49 1.29 0.00	29.39 1.38 0.00	30.48 1.31 0.00	29.13 1.26 0.00	28.08 1.20 0.00	27.75 1.18 0.00	30.91 1.47 0.00	29.29 1.37 0.00	22.33 1.03 0.00	21.88 1.10 0.00	22.93 1.22 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.40 1.38 0.00	29.64 1.58 0.00	32.99 1.79 0.00	35.89 1.62 -6.79	33.78 1.96 0.00	27.90 1.48 0.00	28.49 1.57 0.00	33.77 1.85 0.00	31.95 1.69 0.00	30.35 1.56 0.00	26.66 1.15 0.00
N.TROY___115KV_TB1 355778	29.31 1.11 0.00	29.09 1.07 0.00	30.29 1.12 0.00	28.96 1.09 0.00	27.94 1.06 0.00	27.63 1.07 0.00	30.57 1.13 0.00	28.99 1.07 0.00	21.99 0.69 0.00	21.38 0.59 0.00	22.34 0.63 0.00	23.14 0.60 0.00	22.00 0.61 0.00	25.81 0.78 0.00	29.05 0.99 0.00	32.36 1.16 0.00	29.85 1.03 -1.34	33.03 1.21 0.00	27.42 1.01 0.00	27.91 0.98 0.00	33.14 1.21 0.00	31.45 1.19 0.00	29.94 1.14 0.00	26.49 0.99 0.00
NARROWS_GT1_1 24228	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_2 24229	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_3 24230	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_4 24231	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_5 24232	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_6 24233	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_7 24234	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT1_8 24235	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_1 24236	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00



NARROWS_GT2_2 24237	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_3 24238	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_4 24239	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_5 24240	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_6 24241	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_7 24242	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NARROWS_GT2_8 24243	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.02 1.81 0.00	29.77 1.76 0.00	31.06 1.89 0.00	29.71 1.84 0.00	28.62 1.74 0.00	28.43 1.87 0.00	31.53 2.10 0.00	29.98 2.07 0.00	22.65 1.35 0.00	21.80 1.01 0.00	22.65 0.94 0.00	23.42 0.89 0.00	22.27 0.88 0.00	26.15 1.12 0.00	29.54 1.49 0.00	33.08 1.88 0.00	29.56 2.08 0.00	34.35 2.53 0.00	28.51 2.10 0.00	29.00 2.08 0.00	34.36 2.43 0.00	32.49 2.23 0.00	30.84 2.04 0.00	27.28 1.76 0.00
NCHELSEA_115KV_TR2 355582	29.46 1.26 0.00	29.28 1.27 0.00	30.42 1.25 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.77 1.21 0.00	30.91 1.48 0.00	29.31 1.39 0.00	22.31 1.01 0.00	21.83 1.04 0.00	22.84 1.13 0.00	23.71 1.17 0.00	22.51 1.12 0.00	26.32 1.30 0.00	29.57 1.52 0.00	32.94 1.74 0.00	29.07 1.59 0.00	33.76 1.94 0.00	27.96 1.55 0.00	28.47 1.55 0.00	33.74 1.81 0.00	31.96 1.70 0.00	30.34 1.55 0.00	26.69 1.19 0.00
NEG CAPITAL___MECHNVIL 23645	29.71 1.51 0.00	29.49 1.47 0.00	30.73 1.57 0.00	29.39 1.52 0.00	28.38 1.50 0.00	28.12 1.56 0.00	31.17 1.73 0.00	29.57 1.65 0.00	22.40 1.10 0.00	21.74 0.96 0.00	22.71 1.00 0.00	23.51 0.98 0.00	22.33 0.94 0.00	26.16 1.14 0.00	29.45 1.39 0.00	32.83 1.63 0.00	30.22 1.44 -1.30	33.54 1.71 0.00	27.83 1.42 0.00	28.33 1.40 0.00	33.57 1.64 0.00	31.81 1.55 0.00	30.28 1.49 0.00	26.81 1.30 0.00
NEG CENTRAL_HIGH_ACRES 23767	27.57 -0.63 0.00	27.44 -0.58 0.00	28.52 -0.65 0.00	27.18 -0.69 0.00	26.37 -0.51 0.00	26.05 -0.51 0.00	28.95 -0.49 0.00	27.40 -0.52 0.00	20.95 -0.35 0.00	20.52 -0.27 0.00	21.29 -0.42 0.00	22.13 -0.40 0.00	20.97 -0.42 0.00	24.52 -0.51 0.00	27.46 -0.60 0.00	30.42 -0.78 0.00	26.50 -0.97 0.00	30.62 -1.21 0.00	25.29 -1.12 0.00	25.77 -1.15 0.00	30.58 -1.35 0.00	28.92 -1.34 0.00	27.45 -1.34 0.00	24.46 -1.05 0.00
NEG CENTRAL___DRP 24199	28.40 0.20 0.00	28.23 0.21 0.00	29.38 0.21 0.00	28.03 0.16 0.00	27.20 0.32 0.00	26.89 0.33 0.00	29.91 0.48 0.00	28.29 0.37 0.00	21.57 0.27 0.00	21.02 0.24 0.00	21.88 0.17 0.00	22.73 0.19 0.00	21.55 0.15 0.00	25.16 0.13 0.00	28.22 0.16 0.00	31.44 0.24 0.00	27.51 0.03 0.00	31.88 0.06 0.00	26.39 -0.02 0.00	26.89 -0.03 0.00	31.75 -0.18 0.00	29.99 -0.27 0.00	28.48 -0.31 0.00	25.26 -0.24 0.00
NEG CENTRAL___INDECK 23768	29.01 0.81 0.00	28.85 0.83 0.00	29.95 0.78 0.00	28.57 0.70 0.00	27.88 1.01 0.00	27.61 1.05 0.00	30.81 1.37 0.00	29.15 1.23 0.00	22.12 0.82 0.00	21.32 0.54 0.00	22.14 0.43 0.00	23.12 0.58 0.00	21.90 0.51 0.00	25.56 0.54 0.00	28.66 0.61 0.00	31.96 0.77 0.00	27.84 0.36 0.00	32.19 0.37 0.00	26.53 0.12 0.00	26.98 0.06 0.00	31.94 0.01 0.00	30.04 -0.22 0.00	28.35 -0.44 0.00	25.20 -0.31 0.00
NEG CENTRAL___SENECA 23627	28.55 0.34 0.00	28.34 0.33 0.00	29.50 0.33 0.00	28.14 0.27 0.00	27.37 0.49 0.00	27.08 0.52 0.00	30.15 0.72 0.00	28.50 0.58 0.00	21.71 0.41 0.00	21.17 0.38 0.00	22.02 0.31 0.00	22.88 0.35 0.00	21.67 0.28 0.00	25.30 0.27 0.00	28.42 0.36 0.00	31.67 0.47 0.00	27.62 0.15 0.00	31.99 0.17 0.00	26.46 0.04 0.00	26.96 0.03 0.00	31.83 -0.09 0.00	30.04 -0.22 0.00	28.46 -0.33 0.00	25.24 -0.27 0.00
NEG CENTRAL___STATE_STREET 24147	28.48 0.27 0.00	28.35 0.34 0.00	29.57 0.41 0.00	28.20 0.33 0.00	27.30 0.42 0.00	26.88 0.31 0.00	29.91 0.47 0.00	28.26 0.34 0.00	21.61 0.31 0.00	21.07 0.29 0.00	21.93 0.22 0.00	22.78 0.25 0.00	21.58 0.19 0.00	25.24 0.21 0.00	28.24 0.19 0.00	31.49 0.29 0.00	27.62 0.14 0.00	32.12 0.29 0.00	26.61 0.19 0.00	27.14 0.21 0.00	32.02 0.09 0.00	30.25 -0.01 0.00	28.79 -0.01 0.00	25.51 0.00 0.00



NEG MILLWOOD___DRP 24198	29.57 1.37 0.00	29.40 1.38 0.00	30.53 1.36 0.00	29.17 1.30 0.00	28.14 1.26 0.00	27.88 1.32 0.00	31.06 1.62 0.00	29.47 1.55 0.00	22.43 1.14 0.00	21.96 1.17 0.00	22.98 1.27 0.00	23.85 1.31 0.00	22.66 1.27 0.00	26.49 1.46 0.00	29.75 1.69 0.00	33.12 1.92 0.00	31.23 1.75 -2.00	33.98 2.16 0.00	28.13 1.71 0.00	28.63 1.71 0.00	33.92 1.99 0.00	32.13 1.87 0.00	30.49 1.69 0.00	26.80 1.29 0.00
NEG NORTH_FLCN_SEA 23793	27.66 -0.54 0.00	27.59 -0.43 0.00	28.60 -0.57 0.00	27.52 -0.35 0.00	26.76 -0.12 0.00	26.80 0.24 0.00	30.06 0.62 0.00	28.71 0.79 0.00	22.27 0.97 0.00	21.88 1.10 0.00	23.21 1.50 0.00	24.18 1.65 0.00	22.88 1.49 0.00	26.76 1.74 0.00	29.68 1.63 0.00	33.11 1.91 0.00	29.04 1.56 0.00	33.54 1.72 0.00	27.98 1.57 0.00	28.82 1.89 0.00	35.40 3.48 0.00	33.42 3.16 0.00	31.39 2.60 0.00	27.70 2.19 0.00
NEG NORTH_KES_CHATEGAY 23792	27.34 -0.86 0.00	27.29 -0.72 0.00	28.29 -0.87 0.00	27.21 -0.67 0.00	26.41 -0.47 0.00	26.43 -0.13 0.00	29.66 0.22 0.00	28.27 0.35 0.00	21.91 0.61 0.00	21.55 0.77 0.00	22.78 1.07 0.00	23.76 1.23 0.00	22.49 1.10 0.00	26.30 1.27 0.00	29.20 1.15 0.00	32.52 1.32 0.00	28.52 1.04 0.00	33.08 1.26 0.00	27.59 1.17 0.00	28.38 1.46 0.00	34.94 3.01 0.00	32.97 2.72 0.00	30.93 2.13 0.00	27.29 1.78 0.00
NEG NORTH___ALICE_FALLS 23915	27.72 -0.48 0.00	27.65 -0.37 0.00	28.66 -0.51 0.00	27.58 -0.29 0.00	26.81 -0.07 0.00	26.86 0.30 0.00	30.14 0.71 0.00	28.80 0.88 0.00	22.35 1.05 0.00	21.95 1.17 0.00	23.26 1.55 0.00	24.21 1.68 0.00	22.90 1.51 0.00	26.77 1.74 0.00	29.71 1.66 0.00	33.16 1.96 0.00	29.12 1.64 0.00	33.69 1.87 0.00	28.11 1.69 0.00	28.93 2.00 0.00	35.55 3.62 0.00	33.53 3.27 0.00	31.47 2.68 0.00	27.76 2.25 0.00
NEG NORTH___LWR_SARANAC 23913	27.72 -0.48 0.00	27.65 -0.37 0.00	28.66 -0.51 0.00	27.58 -0.29 0.00	26.81 -0.07 0.00	26.86 0.30 0.00	30.14 0.71 0.00	28.80 0.88 0.00	22.35 1.05 0.00	21.95 1.17 0.00	23.26 1.55 0.00	24.21 1.68 0.00	22.90 1.51 0.00	26.77 1.74 0.00	29.71 1.66 0.00	33.16 1.96 0.00	29.12 1.64 0.00	33.69 1.87 0.00	28.11 1.69 0.00	28.93 2.00 0.00	35.55 3.62 0.00	33.53 3.27 0.00	31.47 2.68 0.00	27.76 2.25 0.00
NEG NORTH___PLATTSBURG 23628	27.72 -0.48 0.00	27.64 -0.37 0.00	28.66 -0.51 0.00	27.58 -0.29 0.00	26.81 -0.07 0.00	26.86 0.30 0.00	30.14 0.71 0.00	28.80 0.88 0.00	22.35 1.05 0.00	21.95 1.17 0.00	23.26 1.54 0.00	24.21 1.68 0.00	22.90 1.51 0.00	26.77 1.74 0.00	29.71 1.65 0.00	33.16 1.96 0.00	29.12 1.64 0.00	33.69 1.87 0.00	28.11 1.70 0.00	28.93 2.00 0.00	35.55 3.62 0.00	33.53 3.27 0.00	31.47 2.68 0.00	27.76 2.25 0.00
NEG WEST_LEA_LOCKPORT 23791	27.64 -0.57 0.00	27.58 -0.44 0.00	28.61 -0.55 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.11 -0.45 0.00	28.92 -0.52 0.00	27.24 -0.68 0.00	20.96 -0.34 0.00	20.61 -0.18 0.00	21.32 -0.39 0.00	22.25 -0.28 0.00	21.06 -0.33 0.00	24.56 -0.47 0.00	27.42 -0.64 0.00	30.02 -1.17 0.00	25.70 -1.78 0.00	29.54 -2.28 0.00	24.25 -2.16 0.00	24.77 -2.15 0.00	29.71 -2.22 0.00	28.13 -2.13 0.00	26.64 -2.16 0.00	23.88 -1.63 0.00
NEG WEST___LANCASTR 23811	28.23 0.03 0.00	28.10 0.09 0.00	29.19 0.02 0.00	27.73 -0.14 0.00	27.08 0.20 0.00	26.67 0.11 0.00	29.58 0.14 0.00	27.90 -0.02 0.00	21.37 0.07 0.00	20.99 0.20 0.00	21.85 0.15 0.00	22.82 0.28 0.00	21.62 0.23 0.00	25.20 0.17 0.00	28.18 0.12 0.00	30.98 -0.22 0.00	26.52 -0.96 0.00	30.56 -1.26 0.00	25.07 -1.34 0.00	25.64 -1.29 0.00	30.56 -1.37 0.00	28.92 -1.34 0.00	27.40 -1.40 0.00	24.45 -1.06 0.00
NEG_PENN_ALLEGHNY 23528	28.67 0.46 0.00	28.47 0.45 0.00	29.66 0.49 0.00	28.31 0.44 0.00	27.36 0.48 0.00	27.05 0.49 0.00	30.01 0.58 0.00	28.45 0.53 0.00	21.65 0.35 0.00	21.12 0.34 0.00	22.06 0.35 0.00	22.91 0.38 0.00	21.74 0.35 0.00	25.41 0.38 0.00	28.51 0.46 0.00	31.73 0.53 0.00	27.86 0.38 0.00	32.28 0.45 0.00	26.71 0.30 0.00	27.26 0.33 0.00	32.24 0.31 0.00	30.52 0.26 0.00	29.01 0.22 0.00	25.68 0.17 0.00
NEG___GEN_MONROE 24207	28.29 0.09 0.00	28.24 0.23 0.00	29.37 0.20 0.00	27.93 0.06 0.00	27.23 0.35 0.00	26.80 0.24 0.00	29.90 0.47 0.00	28.20 0.28 0.00	21.53 0.23 0.00	21.12 0.34 0.00	21.81 0.10 0.00	22.73 0.20 0.00	21.53 0.13 0.00	25.12 0.09 0.00	28.11 0.05 0.00	31.10 -0.10 0.00	27.00 -0.48 0.00	31.16 -0.66 0.00	25.70 -0.71 0.00	26.21 -0.72 0.00	31.21 -0.72 0.00	29.51 -0.75 0.00	27.95 -0.85 0.00	24.94 -0.58 0.00
NEPA___ENERGY 23901	28.35 0.15 0.00	28.18 0.17 0.00	29.32 0.15 0.00	27.85 -0.02 0.00	27.22 0.35 0.00	26.81 0.24 0.00	29.73 0.29 0.00	27.98 0.06 0.00	21.34 0.04 0.00	21.01 0.23 0.00	21.97 0.26 0.00	22.96 0.42 0.00	21.74 0.35 0.00	25.29 0.27 0.00	28.34 0.28 0.00	31.16 -0.03 0.00	26.56 -0.92 0.00	30.74 -1.08 0.00	25.14 -1.27 0.00	25.78 -1.14 0.00	30.56 -1.37 0.00	28.98 -1.28 0.00	27.39 -1.40 0.00	24.35 -1.16 0.00
NEVERSINK___HYD 23608	29.17 0.97 0.00	28.97 0.96 0.00	30.00 0.83 0.00	28.66 0.78 0.00	27.62 0.74 0.00	27.39 0.82 0.00	30.53 1.09 0.00	28.96 1.04 0.00	22.01 0.71 0.00	21.49 0.70 0.00	22.43 0.73 0.00	23.15 0.62 0.00	21.40 0.01 0.00	25.05 0.02 0.00	28.12 0.07 0.00	31.45 0.26 0.00	26.19 0.40 1.69	32.45 0.63 0.00	26.88 0.47 0.00	27.50 0.58 0.00	33.42 1.49 0.00	31.65 1.40 0.00	30.03 1.24 0.00	26.41 0.89 0.00
NEWKRMKL_115KV_TB1 55635	28.69 0.49 0.00	28.49 0.48 0.00	29.66 0.50 0.00	28.37 0.50 0.00	27.33 0.45 0.00	27.04 0.48 0.00	29.94 0.50 0.00	28.40 0.48 0.00	21.61 0.31 0.00	21.04 0.26 0.00	22.01 0.30 0.00	22.80 0.27 0.00	21.68 0.29 0.00	25.41 0.38 0.00	28.59 0.53 0.00	31.82 0.62 0.00	29.38 0.59 -1.31	32.53 0.70 0.00	26.98 0.57 0.00	27.47 0.54 0.00	32.61 0.68 0.00	30.91 0.65 0.00	29.43 0.63 0.00	26.01 0.49 0.00
NEWTON___FALLS_HYD 23847	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.63 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.14 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.66 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
NGRID_A1_DSASP 323792	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.67 -0.90 0.00	28.39 -1.05 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.89 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.94 -2.99 0.00	27.46 -2.80 0.00	26.02 -2.77 0.00	23.36 -2.15 0.00



NGRID_A2_DSASP 323793	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.67 -0.90 0.00	28.39 -1.05 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.89 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.94 -2.99 0.00	27.46 -2.80 0.00	26.02 -2.77 0.00	23.36 -2.15 0.00
NGRID_A4_DSASP 323807	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.67 -0.90 0.00	28.39 -1.05 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.89 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.94 -2.99 0.00	27.46 -2.80 0.00	26.02 -2.77 0.00	23.36 -2.15 0.00
NIAGARA_115E_LBMP 323715	27.16 -1.05 0.00	27.11 -0.90 0.00	28.12 -1.05 0.00	26.68 -1.20 0.00	26.02 -0.86 0.00	25.64 -0.92 0.00	28.35 -1.09 0.00	26.68 -1.24 0.00	20.55 -0.74 0.00	20.23 -0.56 0.00	20.91 -0.80 0.00	21.82 -0.72 0.00	20.65 -0.74 0.00	24.08 -0.95 0.00	26.88 -1.18 0.00	29.39 -1.81 0.00	25.11 -2.37 0.00	28.84 -2.99 0.00	23.68 -2.73 0.00	24.20 -2.73 0.00	29.07 -2.85 0.00	27.57 -2.69 0.00	26.13 -2.66 0.00	23.45 -2.06 0.00
NIAGARA_115W_LBMP 323714	27.15 -1.05 0.00	27.11 -0.91 0.00	28.12 -1.04 0.00	26.69 -1.19 0.00	26.01 -0.87 0.00	25.61 -0.95 0.00	28.33 -1.11 0.00	26.67 -1.26 0.00	20.55 -0.75 0.00	20.23 -0.55 0.00	20.92 -0.79 0.00	21.83 -0.70 0.00	20.67 -0.72 0.00	24.10 -0.93 0.00	26.89 -1.17 0.00	29.23 -1.97 0.00	24.92 -2.56 0.00	28.60 -3.22 0.00	23.48 -2.93 0.00	24.00 -2.93 0.00	28.87 -3.06 0.00	27.39 -2.87 0.00	25.96 -2.83 0.00	23.31 -2.20 0.00
NIAGARA_230_LBMP 323716	27.36 -0.84 0.00	27.31 -0.70 0.00	28.33 -0.83 0.00	26.90 -0.98 0.00	26.22 -0.66 0.00	25.81 -0.76 0.00	28.55 -0.88 0.00	26.90 -1.02 0.00	20.70 -0.59 0.00	20.37 -0.41 0.00	21.10 -0.61 0.00	22.02 -0.52 0.00	20.84 -0.55 0.00	24.31 -0.72 0.00	27.13 -0.93 0.00	29.67 -1.53 0.00	25.39 -2.09 0.00	29.14 -2.68 0.00	23.94 -2.47 0.00	24.46 -2.47 0.00	29.32 -2.61 0.00	27.79 -2.47 0.00	26.35 -2.45 0.00	23.63 -1.88 0.00
NIAGARA__115KV_198_GIBSON 55903	27.15 -1.06 0.00	27.11 -0.91 0.00	28.12 -1.05 0.00	26.69 -1.19 0.00	26.01 -0.87 0.00	25.61 -0.95 0.00	28.33 -1.11 0.00	26.66 -1.26 0.00	20.54 -0.76 0.00	20.23 -0.55 0.00	20.92 -0.79 0.00	21.83 -0.70 0.00	20.67 -0.72 0.00	24.10 -0.93 0.00	26.89 -1.16 0.00	29.23 -1.97 0.00	24.91 -2.56 0.00	28.60 -3.22 0.00	23.48 -2.93 0.00	24.00 -2.92 0.00	28.88 -3.05 0.00	27.40 -2.86 0.00	25.97 -2.83 0.00	23.31 -2.20 0.00
NIAGARA____ 23760	27.36 -0.84 0.00	27.31 -0.70 0.00	28.33 -0.83 0.00	26.90 -0.98 0.00	26.22 -0.66 0.00	25.81 -0.76 0.00	28.55 -0.88 0.00	26.90 -1.02 0.00	20.70 -0.59 0.00	20.37 -0.41 0.00	21.10 -0.61 0.00	22.02 -0.52 0.00	20.84 -0.55 0.00	24.31 -0.72 0.00	27.13 -0.93 0.00	29.67 -1.53 0.00	25.39 -2.09 0.00	29.14 -2.68 0.00	23.94 -2.47 0.00	24.46 -2.47 0.00	29.32 -2.61 0.00	27.79 -2.47 0.00	26.35 -2.45 0.00	23.63 -1.88 0.00
NINE_MILE_1 23575	27.50 -0.70 0.00	27.33 -0.69 0.00	28.44 -0.73 0.00	27.16 -0.71 0.00	26.21 -0.66 0.00	25.84 -0.72 0.00	28.60 -0.83 0.00	27.12 -0.80 0.00	20.72 -0.57 0.00	20.22 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.31 -0.72 0.00	27.22 -0.84 0.00	30.21 -0.99 0.00	26.59 -0.89 0.00	30.75 -1.07 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.80 -1.13 0.00	29.20 -1.06 0.00	27.85 -0.95 0.00	24.78 -0.73 0.00
NINE_MILE_2 23744	27.51 -0.70 0.00	27.33 -0.69 0.00	28.44 -0.73 0.00	27.16 -0.71 0.00	26.22 -0.66 0.00	25.84 -0.72 0.00	28.60 -0.83 0.00	27.12 -0.80 0.00	20.72 -0.57 0.00	20.22 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.22 -0.84 0.00	30.21 -0.99 0.00	26.59 -0.88 0.00	30.76 -1.07 0.00	25.56 -0.85 0.00	26.05 -0.88 0.00	30.80 -1.12 0.00	29.20 -1.06 0.00	27.85 -0.94 0.00	24.78 -0.73 0.00
NM_CAPITAL____DRP 24208	28.78 0.57 0.00	28.58 0.57 0.00	29.75 0.59 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.12 0.56 0.00	29.99 0.56 0.00	28.45 0.54 0.00	21.64 0.35 0.00	21.07 0.29 0.00	22.04 0.33 0.00	22.84 0.31 0.00	21.72 0.33 0.00	25.46 0.43 0.00	28.64 0.59 0.00	31.88 0.68 0.00	29.45 0.63 -1.34	32.58 0.76 0.00	27.03 0.61 0.00	27.52 0.59 0.00	32.67 0.74 0.00	30.99 0.73 0.00	29.50 0.71 0.00	26.08 0.57 0.00
NM_CENTRAL____DRP 24181	28.07 -0.13 0.00	27.89 -0.12 0.00	29.03 -0.14 0.00	27.73 -0.15 0.00	26.76 -0.12 0.00	26.39 -0.17 0.00	29.20 -0.24 0.00	27.68 -0.24 0.00	21.13 -0.17 0.00	20.64 -0.15 0.00	21.53 -0.18 0.00	22.36 -0.17 0.00	21.21 -0.18 0.00	24.81 -0.22 0.00	27.80 -0.26 0.00	30.87 -0.33 0.00	27.14 -0.34 0.00	31.39 -0.43 0.00	26.06 -0.35 0.00	26.55 -0.37 0.00	31.39 -0.54 0.00	29.77 -0.48 0.00	28.39 -0.41 0.00	25.23 -0.28 0.00
NM_FRONTIER____DRP 24179	27.15 -1.06 0.00	27.11 -0.91 0.00	28.12 -1.05 0.00	26.69 -1.19 0.00	26.01 -0.87 0.00	25.61 -0.95 0.00	28.33 -1.11 0.00	26.66 -1.26 0.00	20.54 -0.76 0.00	20.23 -0.55 0.00	20.92 -0.79 0.00	21.83 -0.70 0.00	20.67 -0.72 0.00	24.10 -0.93 0.00	26.89 -1.16 0.00	29.23 -1.97 0.00	24.91 -2.56 0.00	28.60 -3.22 0.00	23.48 -2.93 0.00	24.00 -2.92 0.00	28.88 -3.05 0.00	27.40 -2.86 0.00	25.97 -2.83 0.00	23.31 -2.20 0.00
NM_ST_REGIS____HYD 24053	27.50 -0.70 0.00	27.46 -0.56 0.00	28.48 -0.69 0.00	27.33 -0.54 0.00	26.49 -0.39 0.00	26.47 -0.10 0.00	29.69 0.25 0.00	28.99 1.07 0.00	22.62 1.33 0.00	22.18 1.40 0.00	23.24 1.53 0.00	24.21 1.67 0.00	22.83 1.44 0.00	26.62 1.59 0.00	29.66 1.60 0.00	33.09 1.90 0.00	28.99 1.51 0.00	32.99 1.17 0.00	27.37 0.96 0.00	28.11 1.18 0.00	34.70 2.77 0.00	32.73 2.48 0.00	30.64 1.85 0.00	27.01 1.50 0.00
NORTHPORT____1 23551	29.46 1.25 0.00	29.47 1.45 0.00	30.42 1.26 0.00	29.02 1.14 0.00	27.97 1.10 0.00	27.67 1.10 0.00	30.82 1.38 0.00	29.30 1.38 0.00	22.28 0.98 0.00	21.89 1.11 0.00	23.09 1.38 0.00	23.89 1.36 0.00	21.09 1.31 1.60	25.36 1.64 1.30	29.24 2.00 0.81	33.47 2.27 0.00	45.71 2.30 -15.94	34.21 2.39 0.00	28.10 1.69 0.00	28.70 1.77 0.00	34.22 2.30 0.00	32.06 1.92 0.12	30.85 2.05 0.00	27.18 1.67 0.00
NORTHPORT____2 23552	29.46 1.25 0.00	29.47 1.45 0.00	30.42 1.26 0.00	29.02 1.14 0.00	27.97 1.10 0.00	27.67 1.10 0.00	30.82 1.38 0.00	29.30 1.38 0.00	22.28 0.98 0.00	21.89 1.11 0.00	23.09 1.38 0.00	23.89 1.36 0.00	21.09 1.31 1.60	25.36 1.64 1.30	29.24 2.00 0.81	33.47 2.27 0.00	45.71 2.30 -15.94	34.21 2.39 0.00	28.10 1.69 0.00	28.70 1.77 0.00	34.22 2.30 0.00	32.06 1.92 0.12	30.85 2.05 0.00	27.18 1.67 0.00



NORTHPORT___3 23553	29.22 1.02 0.00	29.21 1.19 0.00	30.19 1.02 0.00	28.77 0.90 0.00	27.73 0.84 0.00	17.20 1.01 10.38	19.50 1.26 11.19	22.29 1.24 6.87	15.28 0.94 6.96	21.25 1.24 0.77	23.09 1.38 0.00	23.90 1.37 0.00	21.08 1.33 1.64	25.33 1.64 1.33	29.21 1.99 0.83	33.37 2.17 0.00	43.38 2.18 -13.72	30.42 2.27 3.67	26.59 1.77 1.59	28.20 1.66 0.39	33.80 2.21 0.34	31.70 1.93 0.49	29.70 2.01 1.10	26.98 1.63 0.17
NORTHPORT___4 23650	29.22 1.02 0.00	29.21 1.19 0.00	30.19 1.02 0.00	28.77 0.90 0.00	27.73 0.84 0.00	17.20 1.01 10.38	19.50 1.26 11.19	22.29 1.24 6.87	15.28 0.94 6.96	21.25 1.24 0.77	23.09 1.38 0.00	23.90 1.37 0.00	21.08 1.33 1.64	25.33 1.64 1.33	29.21 1.99 0.83	33.37 2.17 0.00	43.38 2.18 -13.72	30.42 2.27 3.67	26.59 1.77 1.59	28.20 1.66 0.39	33.80 2.21 0.34	31.70 1.93 0.49	29.70 2.01 1.10	26.98 1.63 0.17
NORTHPORT___IC 23718	29.46 1.25 0.00	29.47 1.45 0.00	30.42 1.26 0.00	29.02 1.14 0.00	27.97 1.10 0.00	27.67 1.10 0.00	30.82 1.38 0.00	29.30 1.38 0.00	22.28 0.98 0.00	21.89 1.11 0.00	23.09 1.38 0.00	23.89 1.36 0.00	21.09 1.31 1.60	25.36 1.64 1.30	29.24 2.00 0.81	33.47 2.27 0.00	45.71 2.30 -15.94	34.21 2.39 0.00	28.10 1.69 0.00	28.70 1.77 0.00	34.22 2.30 0.00	32.06 1.92 0.12	30.85 2.05 0.00	27.18 1.67 0.00
NORTH___COUNTRY_ESR 323785	27.21 -0.99 0.00	27.17 -0.84 0.00	28.17 -1.00 0.00	27.09 -0.78 0.00	26.28 -0.60 0.00	26.29 -0.27 0.00	29.48 0.05 0.00	28.10 0.18 0.00	21.78 0.49 0.00	21.43 0.64 0.00	22.67 0.95 0.00	23.64 1.11 0.00	22.38 0.99 0.00	26.17 1.14 0.00	29.08 1.02 0.00	32.35 1.15 0.00	28.34 0.86 0.00	32.87 1.05 0.00	27.42 1.01 0.00	28.21 1.28 0.00	34.73 2.81 0.00	32.78 2.52 0.00	30.76 1.96 0.00	27.15 1.63 0.00
NPX_GEN_1385_PROXY 323591	29.31 1.11 0.00	29.46 1.45 0.00	30.27 1.11 0.00	28.87 1.00 0.00	27.97 0.95 -0.14	27.55 0.98 0.00	31.03 1.59 0.00	29.42 1.48 -0.02	22.27 0.97 0.00	21.99 1.03 -0.18	22.96 1.25 0.00	23.67 1.14 0.00	20.85 1.07 1.60	25.11 1.39 1.30	29.04 1.80 0.81	33.62 2.42 0.00	46.19 2.77 -15.94	34.27 2.45 0.00	28.12 1.71 0.00	28.65 1.73 0.00	34.54 2.61 0.00	31.74 1.61 0.12	31.93 2.06 -1.07	27.44 1.93 0.00
NPX_GEN_CSC 323557	29.62 1.42 0.00	29.80 1.79 0.00	30.76 1.59 0.00	29.37 1.50 0.00	28.47 1.46 -0.14	226.58 1.55 -198.46	245.13 1.73 -213.96	161.13 1.80 -131.41	155.71 1.33 -133.09	37.24 1.47 -14.99	23.37 1.66 -0.01	24.15 1.62 0.00	21.48 1.54 1.45	25.77 1.92 1.18	29.70 2.38 0.73	33.92 2.72 0.00	87.43 2.73 -57.23	104.88 2.90 -70.16	59.11 2.25 -30.45	36.57 2.28 -7.37	41.32 2.87 -6.51	42.14 2.51 -9.37	53.52 2.54 -22.19	30.77 2.07 -3.20
NSINS_S_GLNS_FALLS 23858	30.08 1.88 0.00	29.89 1.87 0.00	31.20 2.03 0.00	29.84 1.97 0.00	28.89 2.01 0.00	28.67 2.11 0.00	31.80 2.37 0.00	30.14 2.23 0.00	22.81 1.51 0.00	22.10 1.32 0.00	23.09 1.38 0.00	23.85 1.31 0.00	22.58 1.19 0.00	26.41 1.39 0.00	29.63 1.57 0.00	32.90 1.70 0.00	30.09 1.34 -1.27	33.43 1.61 0.00	27.75 1.33 0.00	28.25 1.32 0.00	33.38 1.45 0.00	31.61 1.35 0.00	30.24 1.44 0.00	26.90 1.39 0.00
NUCOR_STEEL___DRP 24197	28.44 0.24 0.00	28.33 0.31 0.00	29.55 0.39 0.00	28.17 0.30 0.00	27.27 0.39 0.00	26.83 0.27 0.00	29.85 0.42 0.00	28.20 0.28 0.00	21.57 0.27 0.00	21.04 0.26 0.00	21.91 0.19 0.00	22.76 0.22 0.00	21.55 0.16 0.00	25.22 0.19 0.00	28.20 0.15 0.00	31.44 0.25 0.00	27.58 0.10 0.00	32.08 0.25 0.00	26.57 0.16 0.00	27.10 0.17 0.00	31.99 0.06 0.00	30.22 -0.04 0.00	28.77 -0.02 0.00	25.50 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	28.13 -0.07 0.00	27.81 -0.21 0.00	29.08 -0.08 0.00	27.96 0.09 0.00	27.06 0.18 0.00	26.88 0.32 0.00	30.07 0.64 0.00	28.71 0.79 0.00	22.00 0.70 0.00	21.31 0.53 0.00	22.20 0.49 0.00	23.01 0.48 0.00	21.78 0.39 0.00	25.45 0.43 0.00	28.57 0.52 0.00	32.09 0.89 0.00	28.59 1.11 0.00	33.06 1.24 0.00	27.43 1.02 0.00	27.95 1.03 0.00	33.57 1.64 0.00	31.63 1.37 0.00	29.74 0.95 0.00	26.14 0.63 0.00
NYISO_LBMP_REFERENCE 24008	28.20 0.00 0.00	28.02 0.00 0.00	29.17 0.00 0.00	27.87 0.00 0.00	26.88 0.00 0.00	26.56 0.00 0.00	29.43 0.00 0.00	27.92 0.00 0.00	21.30 0.00 0.00	20.78 0.00 0.00	21.71 0.00 0.00	22.53 0.00 0.00	21.39 0.00 0.00	25.03 0.00 0.00	28.06 0.00 0.00	31.20 0.00 0.00	27.48 0.00 0.00	31.82 0.00 0.00	26.41 0.00 0.00	26.93 0.00 0.00	31.93 0.00 0.00	30.26 0.00 0.00	28.79 0.00 0.00	25.51 0.00 0.00
NYPA_BRENTWD___GT 24164	29.82 1.61 0.00	29.80 1.78 0.00	30.78 1.62 0.00	29.36 1.49 0.00	28.34 1.46 0.00	47.81 1.50 -19.74	52.62 1.90 -21.28	42.88 1.89 -13.07	35.80 1.26 -13.24	23.59 1.33 -1.47	23.31 1.60 0.00	24.13 1.59 0.00	21.81 1.52 1.10	26.05 1.91 0.89	29.83 2.32 0.55	33.89 2.69 0.00	50.03 2.70 -19.86	41.71 2.91 -6.98	31.57 2.13 -3.03	29.99 2.33 -0.73	35.49 2.91 -0.65	33.71 2.52 -0.93	33.42 2.52 -2.10	27.87 2.04 -0.32
NYPA_GOWANUS___GT5 24156	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NYPA_GOWANUS___GT6 24157	29.49 1.28 0.00	29.35 1.34 0.00	30.44 1.27 0.00	29.07 1.20 0.00	28.03 1.15 0.00	27.72 1.16 0.00	30.97 1.53 0.00	29.36 1.44 0.00	22.38 1.09 0.00	21.97 1.19 0.00	23.01 1.30 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.50 1.48 0.00	29.74 1.68 0.00	33.13 1.93 0.00	35.99 1.72 -6.79	33.93 2.10 0.00	28.03 1.62 0.00	28.61 1.69 0.00	33.92 1.99 0.00	32.14 1.88 0.00	30.49 1.70 0.00	26.76 1.25 0.00
NYPA_HARLEM__RVR_GT1 24160	29.46 1.26 0.00	29.36 1.34 0.00	30.44 1.28 0.00	29.09 1.22 0.00	28.05 1.17 0.00	27.70 1.14 0.00	30.88 1.44 0.00	29.25 1.34 0.00	22.31 1.01 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.38 1.35 0.00	29.60 1.54 0.00	32.95 1.75 0.00	35.85 1.58 -6.79	33.73 1.91 0.00	27.86 1.45 0.00	28.44 1.52 0.00	33.73 1.80 0.00	31.92 1.66 0.00	30.32 1.53 0.00	26.64 1.14 0.00
NYPA_HARLEM__RVR_GT2 24161	29.46 1.26 0.00	29.36 1.34 0.00	30.44 1.28 0.00	29.09 1.22 0.00	28.05 1.17 0.00	27.70 1.14 0.00	30.88 1.44 0.00	29.25 1.34 0.00	22.31 1.01 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.38 1.35 0.00	29.60 1.54 0.00	32.95 1.75 0.00	35.85 1.58 -6.79	33.73 1.91 0.00	27.86 1.45 0.00	28.44 1.52 0.00	33.73 1.80 0.00	31.92 1.66 0.00	30.32 1.53 0.00	26.64 1.14 0.00



NYPA_KENT____GT 24152	29.47 1.27 0.00	29.32 1.30 0.00	30.41 1.24 0.00	29.05 1.17 0.00	28.01 1.13 0.00	27.70 1.14 0.00	30.93 1.50 0.00	29.33 1.41 0.00	22.37 1.07 0.00	21.96 1.18 0.00	23.01 1.30 0.00	23.90 1.36 0.00	22.71 1.32 0.00	26.50 1.47 0.00	29.73 1.67 0.00	33.10 1.90 0.00	35.95 1.68 -6.79	33.88 2.06 0.00	27.99 1.58 0.00	28.55 1.63 0.00	33.86 1.93 0.00	32.07 1.81 0.00	30.44 1.64 0.00	26.72 1.21 0.00
NYPA_POUCH1____GT 24155	29.46 1.26 0.00	29.32 1.30 0.00	30.40 1.23 0.00	29.04 1.17 0.00	28.00 1.12 0.00	27.69 1.12 0.00	30.92 1.49 0.00	29.30 1.38 0.00	22.35 1.05 0.00	21.92 1.14 0.00	22.96 1.26 0.00	23.85 1.32 0.00	22.66 1.27 0.00	26.44 1.42 0.00	29.68 1.62 0.00	33.06 1.86 0.00	35.92 1.65 -6.79	33.85 2.03 0.00	27.99 1.58 0.00	28.58 1.66 0.00	33.90 1.97 0.00	32.13 1.87 0.00	30.49 1.70 0.00	26.74 1.23 0.00
NYPA_VERNON____GT2 24162	29.45 1.25 0.00	29.29 1.27 0.00	30.37 1.21 0.00	29.02 1.15 0.00	27.98 1.10 0.00	27.68 1.12 0.00	30.90 1.46 0.00	29.30 1.38 0.00	22.35 1.05 0.00	21.94 1.16 0.00	23.00 1.29 0.00	23.90 1.36 0.00	22.71 1.32 0.00	26.49 1.46 0.00	29.71 1.65 0.00	33.08 1.88 0.00	35.95 1.68 -6.79	33.87 2.04 0.00	27.97 1.56 0.00	28.52 1.59 0.00	33.81 1.88 0.00	32.01 1.75 0.00	30.38 1.59 0.00	26.68 1.17 0.00
NYPA_VERNON____GT3 24163	29.45 1.25 0.00	29.29 1.27 0.00	30.37 1.21 0.00	29.02 1.15 0.00	27.98 1.10 0.00	27.68 1.12 0.00	30.90 1.46 0.00	29.30 1.38 0.00	22.35 1.05 0.00	21.94 1.16 0.00	23.00 1.29 0.00	23.90 1.36 0.00	22.71 1.32 0.00	26.49 1.46 0.00	29.71 1.65 0.00	33.08 1.88 0.00	35.95 1.68 -6.79	33.87 2.04 0.00	27.97 1.56 0.00	28.52 1.59 0.00	33.81 1.88 0.00	32.01 1.75 0.00	30.38 1.59 0.00	26.68 1.17 0.00
NYPA____ASTORIA_CC1 323568	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.41 0.00	29.26 1.34 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.64 1.13 0.00
NYPA____ASTORIA_CC2 323569	29.41 1.21 0.00	29.26 1.24 0.00	30.34 1.17 0.00	28.98 1.11 0.00	27.94 1.06 0.00	27.64 1.08 0.00	30.85 1.41 0.00	29.26 1.34 0.00	22.32 1.02 0.00	21.91 1.12 0.00	22.97 1.26 0.00	23.85 1.32 0.00	22.67 1.28 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.82 0.00	35.91 1.64 -6.79	33.81 1.99 0.00	27.92 1.51 0.00	28.47 1.54 0.00	33.74 1.82 0.00	31.95 1.69 0.00	30.33 1.53 0.00	26.64 1.13 0.00
NYPA____HOLTSVILL 23794	29.57 1.37 0.00	29.62 1.60 0.00	30.58 1.41 0.00	29.19 1.31 0.00	28.15 1.27 0.00	226.54 1.34 -198.63	245.14 1.56 -214.14	161.02 1.60 -131.50	155.67 1.18 -133.20	36.92 1.33 -14.81	23.25 1.54 -0.01	24.03 1.50 0.00	21.35 1.43 1.47	25.62 1.78 1.19	29.51 2.20 0.74	33.68 2.49 0.00	87.23 2.49 -57.27	104.68 2.64 -70.22	58.85 1.97 -30.47	36.29 1.99 -7.37	41.00 2.55 -6.52	41.85 2.22 -9.37	52.21 2.28 -21.13	30.56 1.85 -3.20
NYPA____HELLGATE_GT1 24158	29.46 1.26 0.00	29.36 1.34 0.00	30.44 1.28 0.00	29.09 1.22 0.00	28.05 1.17 0.00	27.70 1.14 0.00	30.88 1.44 0.00	29.25 1.34 0.00	22.31 1.01 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.38 1.35 0.00	29.60 1.54 0.00	32.95 1.75 0.00	35.85 1.58 -6.79	33.73 1.91 0.00	27.86 1.45 0.00	28.44 1.52 0.00	33.73 1.80 0.00	31.92 1.66 0.00	30.32 1.53 0.00	26.64 1.13 0.00
NYPA____HELLGATE_GT2 24159	29.46 1.26 0.00	29.36 1.34 0.00	30.44 1.28 0.00	29.09 1.22 0.00	28.05 1.17 0.00	27.70 1.14 0.00	30.88 1.44 0.00	29.25 1.34 0.00	22.31 1.01 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.38 1.35 0.00	29.60 1.54 0.00	32.95 1.75 0.00	35.85 1.58 -6.79	33.73 1.91 0.00	27.86 1.45 0.00	28.44 1.52 0.00	33.73 1.80 0.00	31.92 1.66 0.00	30.32 1.53 0.00	26.64 1.13 0.00
NYS_BARGE____HYD 23848	27.64 -0.57 0.00	27.58 -0.44 0.00	28.60 -0.56 0.00	27.15 -0.72 0.00	26.49 -0.39 0.00	26.12 -0.44 0.00	28.93 -0.50 0.00	27.26 -0.66 0.00	20.97 -0.33 0.00	20.61 -0.17 0.00	21.31 -0.40 0.00	22.24 -0.29 0.00	21.06 -0.33 0.00	24.55 -0.47 0.00	27.41 -0.65 0.00	30.03 -1.17 0.00	25.71 -1.77 0.00	29.55 -2.27 0.00	24.27 -2.15 0.00	24.79 -2.14 0.00	29.73 -2.20 0.00	28.16 -2.10 0.00	26.67 -2.13 0.00	23.90 -1.61 0.00
OAK ORCHARD____HYD 24046	28.10 -0.11 0.00	27.98 -0.03 0.00	29.07 -0.10 0.00	27.67 -0.20 0.00	26.90 0.02 0.00	26.53 -0.03 0.00	29.47 0.04 0.00	27.89 -0.03 0.00	21.35 0.06 0.00	20.91 0.13 0.00	21.68 -0.02 0.00	22.58 0.05 0.00	21.40 0.01 0.00	25.00 -0.03 0.00	27.96 -0.10 0.00	30.91 -0.29 0.00	26.84 -0.64 0.00	30.97 -0.86 0.00	25.55 -0.86 0.00	26.05 -0.88 0.00	30.98 -0.94 0.00	29.32 -0.94 0.00	27.80 -0.99 0.00	24.79 -0.71 0.00
OAKDALE__35_KV_LOAD 356122	28.59 0.38 0.00	28.38 0.37 0.00	29.58 0.41 0.00	28.24 0.36 0.00	27.27 0.39 0.00	26.96 0.39 0.00	29.89 0.45 0.00	28.32 0.40 0.00	21.57 0.27 0.00	21.05 0.27 0.00	22.00 0.29 0.00	22.85 0.31 0.00	21.67 0.28 0.00	25.34 0.31 0.00	28.43 0.37 0.00	31.60 0.41 0.00	27.75 0.27 0.00	32.15 0.33 0.00	26.61 0.19 0.00	27.15 0.23 0.00	32.13 0.20 0.00	30.43 0.17 0.00	28.92 0.13 0.00	25.61 0.10 0.00
OCC_CHEM____DRP 24175	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.66 -0.90 0.00	28.39 -1.05 0.00	26.72 -1.20 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.88 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.95 -2.98 0.00	27.46 -2.80 0.00	26.03 -2.76 0.00	23.36 -2.15 0.00
OH_GEN_PROXY 24063	27.42 -0.79 0.00	27.36 -0.66 0.00	28.38 -0.78 0.00	26.95 -0.92 0.00	26.41 -0.61 -0.14	25.85 -0.71 0.00	28.62 -0.81 0.00	26.99 -0.95 -0.02	20.74 -0.55 0.00	35.79 -0.37 -15.37	21.15 -0.56 0.00	22.08 -0.46 0.00	20.90 -0.49 0.00	24.37 -0.65 0.00	27.21 -0.85 0.00	29.79 -1.40 0.00	25.50 -1.98 0.00	29.28 -2.54 0.00	24.06 -2.35 0.00	24.58 -2.35 0.00	29.44 -2.49 0.00	27.90 -2.35 0.00	27.52 -2.35 -1.07	23.69 -1.82 0.00
OLIN_CORP_DRP 24177	27.20 -1.01 0.00	27.15 -0.86 0.00	28.16 -1.00 0.00	26.71 -1.16 0.00	26.07 -0.81 0.00	25.68 -0.88 0.00	28.40 -1.03 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.27 -0.52 0.00	20.95 -0.76 0.00	21.86 -0.67 0.00	20.69 -0.70 0.00	24.13 -0.89 0.00	26.93 -1.12 0.00	29.46 -1.74 0.00	25.17 -2.31 0.00	28.91 -2.91 0.00	23.74 -2.67 0.00	24.25 -2.67 0.00	29.15 -2.78 0.00	27.63 -2.63 0.00	26.18 -2.61 0.00	23.49 -2.02 0.00



OLIN_CORP_DSASP 323712	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.67 -0.90 0.00	28.39 -1.05 0.00	26.73 -1.19 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.89 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.94 -2.99 0.00	27.46 -2.80 0.00	26.02 -2.77 0.00	23.36 -2.15 0.00
ONEIDA_HERK_LFGE 323681	28.56 0.35 0.00	28.32 0.31 0.00	29.53 0.36 0.00	28.30 0.43 0.00	27.37 0.49 0.00	27.15 0.59 0.00	30.28 0.85 0.00	28.81 0.89 0.00	21.99 0.69 0.00	21.35 0.57 0.00	22.25 0.55 0.00	23.07 0.54 0.00	21.87 0.48 0.00	25.57 0.54 0.00	28.71 0.65 0.00	32.14 0.94 0.00	28.52 1.04 0.00	33.01 1.19 0.00	27.39 0.98 0.00	27.92 1.00 0.00	33.30 1.37 0.00	31.43 1.18 0.00	29.71 0.92 0.00	26.19 0.68 0.00
ONEIDA___115KV_TB4 55905	28.94 0.73 0.00	28.73 0.72 0.00	29.94 0.77 0.00	28.64 0.76 0.00	27.69 0.81 0.00	27.44 0.88 0.00	30.54 1.11 0.00	28.99 1.07 0.00	22.05 0.76 0.00	21.41 0.62 0.00	22.29 0.58 0.00	23.13 0.59 0.00	21.91 0.52 0.00	25.63 0.61 0.00	28.79 0.74 0.00	32.16 0.96 0.00	28.53 1.05 0.00	33.05 1.22 0.00	27.41 0.99 0.00	27.93 1.00 0.00	33.13 1.20 0.00	31.31 1.05 0.00	29.68 0.88 0.00	26.20 0.69 0.00
ONONDAGA_REF_OCCRA 23987	28.28 0.08 0.00	28.08 0.07 0.00	29.24 0.07 0.00	27.93 0.05 0.00	26.96 0.08 0.00	26.61 0.05 0.00	29.47 0.04 0.00	27.95 0.03 0.00	21.31 0.01 0.00	20.79 0.01 0.00	21.69 -0.02 0.00	22.52 -0.01 0.00	21.36 -0.03 0.00	24.98 -0.04 0.00	28.01 -0.04 0.00	31.13 -0.07 0.00	27.40 -0.07 0.00	31.73 -0.09 0.00	26.33 -0.09 0.00	26.83 -0.10 0.00	31.72 -0.21 0.00	30.06 -0.20 0.00	28.63 -0.16 0.00	25.44 -0.07 0.00
ONONDAGA___COGEN 23986	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
ONTARIO___LFGE 23819	28.55 0.34 0.00	28.34 0.33 0.00	29.50 0.33 0.00	28.14 0.27 0.00	27.37 0.49 0.00	27.09 0.52 0.00	30.15 0.71 0.00	28.51 0.59 0.00	21.71 0.41 0.00	21.16 0.38 0.00	22.02 0.31 0.00	22.88 0.35 0.00	21.67 0.28 0.00	25.29 0.27 0.00	28.42 0.36 0.00	31.67 0.47 0.00	27.62 0.14 0.00	31.99 0.17 0.00	26.45 0.04 0.00	26.96 0.03 0.00	31.83 -0.10 0.00	30.03 -0.22 0.00	28.46 -0.33 0.00	25.25 -0.27 0.00
ORANGEVILLE_WT_PWR 323706	28.00 -0.20 0.00	27.88 -0.13 0.00	28.98 -0.19 0.00	27.57 -0.31 0.00	26.92 0.05 0.00	26.56 -0.01 0.00	29.48 0.04 0.00	27.75 -0.17 0.00	21.24 -0.06 0.00	20.88 0.10 0.00	21.74 0.03 0.00	22.68 0.15 0.00	21.48 0.09 0.00	25.02 -0.01 0.00	28.02 -0.03 0.00	30.80 -0.40 0.00	26.36 -1.12 0.00	30.28 -1.54 0.00	24.80 -1.61 0.00	25.26 -1.67 0.00	29.99 -1.94 0.00	28.23 -2.03 0.00	26.73 -2.07 0.00	23.85 -1.66 0.00
ORANGEVILLE___ESR 323794	28.00 -0.20 0.00	27.88 -0.13 0.00	28.98 -0.19 0.00	27.57 -0.31 0.00	26.92 0.05 0.00	26.56 -0.01 0.00	29.48 0.04 0.00	27.75 -0.17 0.00	21.24 -0.06 0.00	20.88 0.10 0.00	21.74 0.03 0.00	22.68 0.15 0.00	21.48 0.09 0.00	25.02 -0.01 0.00	28.02 -0.03 0.00	30.80 -0.40 0.00	26.36 -1.12 0.00	30.28 -1.54 0.00	24.80 -1.61 0.00	25.26 -1.67 0.00	29.99 -1.94 0.00	28.23 -2.03 0.00	26.73 -2.07 0.00	23.85 -1.66 0.00
OSWEGATCHIE___HYD 24044	27.58 -0.63 0.00	27.40 -0.61 0.00	28.54 -0.62 0.00	27.40 -0.47 0.00	26.54 -0.34 0.00	26.43 -0.13 0.00	29.58 0.15 0.00	28.39 0.47 0.00	21.97 0.67 0.00	21.40 0.62 0.00	22.37 0.66 0.00	23.26 0.72 0.00	21.98 0.59 0.00	25.68 0.65 0.00	28.70 0.64 0.00	32.13 0.94 0.00	28.38 0.90 0.00	32.70 0.88 0.00	27.14 0.73 0.00	27.76 0.83 0.00	33.86 1.93 0.00	31.91 1.65 0.00	29.90 1.11 0.00	26.34 0.83 0.00
OSWEGO___5 23606	27.71 -0.50 0.00	27.53 -0.49 0.00	28.65 -0.51 0.00	27.37 -0.50 0.00	26.41 -0.46 0.00	26.05 -0.51 0.00	28.85 -0.59 0.00	27.35 -0.57 0.00	20.89 -0.41 0.00	20.38 -0.40 0.00	21.26 -0.45 0.00	22.08 -0.46 0.00	20.95 -0.44 0.00	24.50 -0.52 0.00	27.44 -0.62 0.00	30.48 -0.72 0.00	26.81 -0.67 0.00	31.03 -0.80 0.00	25.77 -0.64 0.00	26.26 -0.66 0.00	31.06 -0.86 0.00	29.44 -0.82 0.00	28.05 -0.74 0.00	24.95 -0.56 0.00
OSWEGO___6 23613	27.71 -0.50 0.00	27.53 -0.49 0.00	28.65 -0.51 0.00	27.37 -0.50 0.00	26.41 -0.46 0.00	26.05 -0.51 0.00	28.85 -0.59 0.00	27.35 -0.57 0.00	20.89 -0.41 0.00	20.38 -0.40 0.00	21.26 -0.45 0.00	22.08 -0.46 0.00	20.95 -0.44 0.00	24.50 -0.52 0.00	27.44 -0.62 0.00	30.48 -0.72 0.00	26.81 -0.67 0.00	31.03 -0.80 0.00	25.77 -0.64 0.00	26.26 -0.66 0.00	31.06 -0.86 0.00	29.44 -0.82 0.00	28.05 -0.74 0.00	24.95 -0.56 0.00
OUTOKUMPU-AB___DRP 24206	27.87 -0.33 0.00	27.80 -0.22 0.00	28.86 -0.30 0.00	27.41 -0.46 0.00	26.72 -0.16 0.00	26.36 -0.20 0.00	29.21 -0.23 0.00	27.50 -0.42 0.00	21.16 -0.13 0.00	20.81 0.03 0.00	21.55 -0.16 0.00	22.50 -0.04 0.00	21.30 -0.09 0.00	24.84 -0.19 0.00	27.73 -0.33 0.00	30.30 -0.90 0.00	25.90 -1.58 0.00	29.78 -2.04 0.00	24.43 -1.98 0.00	24.97 -1.95 0.00	29.94 -1.99 0.00	28.37 -1.89 0.00	26.84 -1.96 0.00	24.04 -1.47 0.00
OXBOW____ 24026	27.62 -0.59 0.00	27.56 -0.45 0.00	28.60 -0.56 0.00	27.15 -0.72 0.00	26.47 -0.41 0.00	26.09 -0.47 0.00	28.90 -0.54 0.00	27.21 -0.71 0.00	20.96 -0.35 0.00	20.61 -0.18 0.00	21.33 -0.38 0.00	22.26 -0.27 0.00	21.08 -0.31 0.00	24.58 -0.45 0.00	27.43 -0.63 0.00	29.91 -1.29 0.00	25.54 -1.94 0.00	29.34 -2.48 0.00	24.08 -2.33 0.00	24.61 -2.32 0.00	29.54 -2.39 0.00	28.01 -2.25 0.00	26.52 -2.28 0.00	23.78 -1.73 0.00
OXY_CHEM_DSASP 323612	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.66 -0.90 0.00	28.39 -1.05 0.00	26.72 -1.20 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.88 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.95 -2.98 0.00	27.46 -2.80 0.00	26.03 -2.76 0.00	23.36 -2.15 0.00
OZONE_PARK_ESR 323760	29.63 1.43 0.00	29.42 1.41 0.00	30.52 1.36 0.00	29.15 1.28 0.00	28.11 1.23 0.00	27.81 1.25 0.00	31.07 1.64 0.00	29.48 1.56 0.00	22.49 1.19 0.00	22.07 1.29 0.00	23.13 1.42 0.00	24.03 1.50 0.00	22.83 1.44 0.00	26.64 1.61 0.00	29.88 1.83 0.00	33.29 2.09 0.00	36.17 1.88 -6.81	34.10 2.28 0.00	28.18 1.76 0.00	28.71 1.78 0.00	34.03 2.10 0.00	32.24 1.98 0.00	30.58 1.79 0.00	26.85 1.34 0.00



PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.66 -0.90 0.00	28.39 -1.05 0.00	26.72 -1.20 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.88 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.95 -2.98 0.00	27.46 -2.80 0.00	26.03 -2.76 0.00	23.36 -2.15 0.00
PACKARD__115KV_DUPONT_184 80571	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.66 -0.90 0.00	28.39 -1.05 0.00	26.72 -1.20 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.88 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.95 -2.98 0.00	27.46 -2.80 0.00	26.03 -2.76 0.00	23.36 -2.15 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	29.50 1.29 0.00	29.37 1.35 0.00	30.45 1.28 0.00	29.08 1.21 0.00	28.04 1.16 0.00	27.72 1.16 0.00	30.95 1.52 0.00	29.34 1.42 0.00	22.35 1.06 0.00	21.91 1.12 0.00	22.95 1.25 0.00	23.83 1.30 0.00	22.65 1.26 0.00	26.44 1.41 0.00	29.67 1.61 0.00	33.02 1.83 0.00	35.93 1.66 -6.79	33.82 2.00 0.00	27.93 1.52 0.00	28.50 1.58 0.00	33.78 1.85 0.00	31.98 1.72 0.00	30.36 1.57 0.00	26.70 1.19 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	29.73 1.53 0.00	29.69 1.68 0.00	30.69 1.53 0.00	29.33 1.46 0.00	28.32 1.44 0.00	27.98 1.42 0.00	31.27 1.83 0.00	29.63 1.71 0.00	22.47 1.17 0.00	21.98 1.20 0.00	23.04 1.33 0.00	23.91 1.37 0.00	22.72 1.33 0.00	26.52 1.49 0.00	29.76 1.71 0.00	33.14 1.94 0.00	36.03 1.76 -6.79	33.96 2.14 0.00	28.05 1.64 0.00	28.60 1.67 0.00	33.90 1.97 0.00	32.07 1.81 0.00	30.45 1.65 0.00	26.86 1.35 0.00
PATROON__115KV_TB1 80586	28.78 0.57 0.00	28.58 0.57 0.00	29.76 0.60 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.14 0.57 0.00	30.05 0.61 0.00	28.51 0.59 0.00	21.68 0.39 0.00	21.11 0.33 0.00	22.08 0.37 0.00	22.88 0.35 0.00	21.75 0.36 0.00	25.49 0.47 0.00	28.68 0.63 0.00	31.93 0.74 0.00	29.48 0.69 -1.31	32.65 0.82 0.00	27.07 0.66 0.00	27.57 0.64 0.00	32.72 0.79 0.00	31.02 0.76 0.00	29.52 0.73 0.00	26.09 0.58 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	28.23 0.02 0.00	28.11 0.09 0.00	29.19 0.02 0.00	27.72 -0.15 0.00	27.07 0.19 0.00	26.67 0.11 0.00	29.59 0.16 0.00	27.91 -0.01 0.00	21.40 0.10 0.00	21.03 0.24 0.00	21.87 0.16 0.00	22.84 0.30 0.00	21.63 0.24 0.00	25.21 0.19 0.00	28.19 0.14 0.00	30.95 -0.25 0.00	26.49 -0.99 0.00	30.54 -1.29 0.00	25.05 -1.37 0.00	25.60 -1.32 0.00	30.54 -1.39 0.00	28.89 -1.37 0.00	27.36 -1.43 0.00	24.43 -1.08 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	29.57 1.37 0.00	29.40 1.38 0.00	30.53 1.36 0.00	29.17 1.30 0.00	28.14 1.26 0.00	27.88 1.32 0.00	31.06 1.62 0.00	29.47 1.55 0.00	22.43 1.14 0.00	21.96 1.17 0.00	22.98 1.27 0.00	23.85 1.31 0.00	22.66 1.27 0.00	26.49 1.46 0.00	29.75 1.69 0.00	33.12 1.92 0.00	31.23 1.75 -2.00	33.98 2.16 0.00	28.13 1.71 0.00	28.63 1.71 0.00	33.92 1.99 0.00	32.13 1.87 0.00	30.49 1.69 0.00	26.80 1.29 0.00
PEEKSKILL____ 23653	29.23 1.02 0.00	29.05 1.04 0.00	30.16 1.00 0.00	28.82 0.95 0.00	27.78 0.90 0.00	27.50 0.94 0.00	30.60 1.17 0.00	29.00 1.08 0.00	22.08 0.78 0.00	21.65 0.87 0.00	22.70 0.99 0.00	23.58 1.05 0.00	22.40 1.01 0.00	26.16 1.14 0.00	29.34 1.29 0.00	32.67 1.47 0.00	37.78 1.31 -8.99	33.42 1.60 0.00	27.65 1.24 0.00	28.18 1.25 0.00	33.41 1.48 0.00	31.68 1.42 0.00	30.08 1.29 0.00	26.46 0.94 0.00
PGE MADISON____WINDPWR 24146	30.59 2.38 0.00	30.29 2.27 0.00	31.74 2.57 0.00	30.36 2.48 0.00	29.40 2.52 0.00	29.28 2.71 0.00	32.79 3.36 0.00	31.16 3.24 0.00	23.48 2.18 0.00	22.63 1.85 0.00	23.44 1.73 0.00	24.30 1.77 0.00	23.04 1.65 0.00	26.94 1.91 0.00	30.37 2.31 0.00	34.27 3.08 0.00	30.58 3.10 0.00	35.57 3.75 0.00	29.46 3.05 0.00	30.03 3.10 0.00	35.46 3.53 0.00	33.40 3.14 0.00	31.48 2.69 0.00	27.52 2.01 0.00
PIERCEFIELD____HYD 23852	27.45 -0.76 0.00	27.41 -0.61 0.00	28.43 -0.73 0.00	27.27 -0.60 0.00	26.42 -0.46 0.00	26.37 -0.19 0.00	29.52 0.09 0.00	28.45 0.53 0.00	22.24 0.94 0.00	21.80 1.02 0.00	22.85 1.14 0.00	23.81 1.28 0.00	22.49 1.10 0.00	26.26 1.23 0.00	29.26 1.20 0.00	32.61 1.41 0.00	28.53 1.06 0.00	32.73 0.90 0.00	27.18 0.77 0.00	27.91 0.98 0.00	34.47 2.55 0.00	32.52 2.26 0.00	30.43 1.64 0.00	26.83 1.32 0.00
PINELAWN_CC_1 323563	29.56 1.36 0.00	29.52 1.51 0.00	30.50 1.34 0.00	29.09 1.22 0.00	28.06 1.18 0.00	36.29 1.28 -8.45	40.15 1.60 -9.11	35.13 1.61 -5.59	28.12 1.15 -5.67	22.70 1.29 -0.63	23.19 1.48 0.00	24.00 1.47 0.00	22.80 1.41 0.00	26.78 1.75 0.00	30.21 2.15 0.00	33.63 2.43 0.00	46.97 2.43 -17.06	37.48 2.67 -2.99	29.70 1.99 -1.30	29.26 2.02 -0.31	34.75 2.54 -0.28	32.88 2.22 -0.40	31.92 2.23 -0.90	27.42 1.77 -0.14
PJM_GEN_HTP_PROXY 323702	29.37 1.17 0.00	29.18 1.17 0.00	30.27 1.11 0.00	28.91 1.04 0.00	27.88 1.00 0.00	27.58 1.02 0.00	30.77 1.34 0.00	29.17 1.25 0.00	22.25 0.95 0.00	21.84 1.06 0.00	22.90 1.19 0.00	23.95 1.25 -0.16	22.59 1.20 0.00	26.38 1.35 0.00	29.58 1.52 0.00	32.93 1.73 0.00	35.87 1.56 -6.83	33.71 1.89 0.00	27.86 1.45 0.00	28.38 1.46 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.26 1.47 0.00	26.59 1.08 0.00
PJM_GEN_KEystone 24065	28.54 0.34 0.00	28.39 0.38 0.00	29.49 0.32 0.00	28.12 0.25 0.00	27.25 0.37 0.00	26.89 0.33 0.00	29.85 0.41 0.00	31.83 0.28 -3.63	21.50 0.20 0.00	21.11 0.33 0.00	22.11 0.39 0.00	23.19 0.49 -0.16	21.84 0.45 0.00	25.47 0.44 0.00	28.53 0.47 0.00	31.61 0.41 0.00	14.21 0.00 13.27	31.84 0.01 0.00	26.23 -0.18 0.00	26.80 -0.13 0.00	31.82 -0.11 0.00	30.19 -0.06 0.00	28.67 -0.13 0.00	24.78 -0.16 0.57
PJM_GEN_NEPTUNE_PROXY 323594	29.25 1.05 0.00	29.19 1.17 0.00	30.19 1.02 0.00	28.80 0.92 0.00	27.77 0.88 0.00	27.54 0.97 0.00	30.66 1.22 0.00	29.13 1.21 0.00	22.18 0.88 0.00	21.84 1.05 0.00	22.94 1.23 0.00	23.94 1.25 -0.16	20.20 1.22 2.41	24.57 1.50 1.96	28.65 1.81 1.22	33.17 1.97 0.00	38.88 1.94 -9.46	33.95 2.13 0.00	28.00 1.59 0.00	28.51 1.59 0.00	33.94 2.02 0.00	32.03 1.77 0.00	30.58 1.79 0.00	26.90 1.39 0.00
PJM_GEN_VFT_PROXY 323633	29.25 1.04 0.00	29.05 1.04 0.00	30.13 0.97 0.00	28.79 0.91 0.00	27.74 0.86 0.00	27.43 0.87 0.00	30.61 1.18 0.00	29.01 1.09 0.00	22.13 0.83 0.00	21.72 0.94 0.00	22.78 1.07 0.00	23.82 1.12 -0.16	22.48 1.09 0.00	26.21 1.19 0.00	29.41 1.35 0.00	32.78 1.58 0.00	31.05 1.40 -2.17	33.55 1.73 0.00	27.72 1.31 0.00	28.25 1.32 0.00	33.49 1.56 0.00	31.74 1.49 0.00	30.12 1.33 0.00	26.47 0.96 0.00



PLATSBRG_115KV_PMLD1 355749	27.64 -0.56 0.00	27.56 -0.46 0.00	28.58 -0.59 0.00	27.50 -0.37 0.00	26.73 -0.14 0.00	26.77 0.21 0.00	30.02 0.58 0.00	28.68 0.76 0.00	22.25 0.95 0.00	21.86 1.07 0.00	23.18 1.47 0.00	24.15 1.62 0.00	22.86 1.47 0.00	26.74 1.71 0.00	29.65 1.60 0.00	33.07 1.87 0.00	29.01 1.53 0.00	33.49 1.67 0.00	27.95 1.54 0.00	28.78 1.85 0.00	35.37 3.44 0.00	33.39 3.13 0.00	31.36 2.57 0.00	27.68 2.17 0.00
PLEASANTVLY___LBMP 24000	29.17 0.96 0.00	29.00 0.98 0.00	30.12 0.95 0.00	28.77 0.90 0.00	27.75 0.87 0.00	27.45 0.89 0.00	30.53 1.09 0.00	28.94 1.02 0.00	22.06 0.76 0.00	21.59 0.81 0.00	22.62 0.91 0.00	23.47 0.94 0.00	22.31 0.92 0.00	26.08 1.06 0.00	29.28 1.22 0.00	32.57 1.37 0.00	31.38 1.24 -2.66	33.33 1.51 0.00	27.60 1.18 0.00	28.10 1.17 0.00	33.30 1.37 0.00	31.57 1.31 0.00	30.00 1.20 0.00	26.41 0.90 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	29.33 1.13 0.00	29.17 1.15 0.00	30.26 1.09 0.00	28.91 1.04 0.00	27.89 1.01 0.00	27.59 1.02 0.00	30.72 1.29 0.00	29.14 1.22 0.00	22.21 0.91 0.00	21.77 0.99 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.51 1.12 0.00	26.29 1.26 0.00	29.51 1.45 0.00	32.83 1.63 0.00	34.12 1.49 -5.15	33.63 1.80 0.00	27.80 1.40 0.00	28.32 1.39 0.00	33.55 1.62 0.00	31.81 1.55 0.00	30.20 1.41 0.00	26.57 1.06 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	29.33 1.13 0.00	29.17 1.15 0.00	30.26 1.09 0.00	28.91 1.04 0.00	27.89 1.01 0.00	27.59 1.02 0.00	30.72 1.29 0.00	29.14 1.22 0.00	22.21 0.91 0.00	21.77 0.99 0.00	22.82 1.11 0.00	23.69 1.16 0.00	22.51 1.12 0.00	26.29 1.26 0.00	29.51 1.45 0.00	32.83 1.63 0.00	34.12 1.49 -5.15	33.63 1.80 0.00	27.80 1.40 0.00	28.32 1.39 0.00	33.55 1.62 0.00	31.81 1.55 0.00	30.20 1.41 0.00	26.57 1.06 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	29.41 1.21 0.00	29.25 1.24 0.00	30.39 1.23 0.00	29.05 1.17 0.00	28.00 1.12 0.00	27.73 1.16 0.00	30.88 1.44 0.00	29.29 1.37 0.00	22.29 0.99 0.00	21.79 1.01 0.00	22.79 1.08 0.00	23.64 1.10 0.00	22.46 1.07 0.00	26.26 1.23 0.00	29.51 1.46 0.00	32.88 1.68 0.00	28.99 1.51 0.00	33.66 1.83 0.00	27.88 1.47 0.00	28.39 1.47 0.00	33.63 1.70 0.00	31.85 1.59 0.00	30.24 1.45 0.00	26.61 1.10 0.00
POLETTI____ 23519	29.27 1.07 0.00	29.09 1.07 0.00	30.17 1.01 0.00	28.82 0.95 0.00	27.79 0.91 0.00	27.48 0.92 0.00	30.64 1.21 0.00	29.06 1.15 0.00	22.17 0.87 0.00	21.77 0.98 0.00	22.82 1.11 0.00	23.70 1.17 0.00	22.52 1.13 0.00	26.29 1.26 0.00	29.48 1.43 0.00	32.84 1.64 0.00	35.76 1.47 -6.81	33.60 1.78 0.00	27.76 1.35 0.00	28.30 1.37 0.00	33.55 1.63 0.00	31.81 1.55 0.00	30.22 1.42 0.00	26.55 1.04 0.00
POMONA___ESR 323819	29.35 1.15 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.61 1.04 0.00	30.73 1.29 0.00	29.08 1.16 0.00	22.12 0.82 0.00	21.71 0.92 0.00	22.79 1.08 0.00	23.68 1.15 0.00	22.50 1.11 0.00	26.28 1.25 0.00	29.47 1.41 0.00	32.75 1.55 0.00	14.36 1.34 14.46	33.47 1.65 0.00	27.63 1.22 0.00	28.12 1.19 0.00	33.34 1.41 0.00	31.64 1.39 0.00	30.05 1.25 0.00	26.42 0.91 0.00
PORT_JEFF_3 23555	29.62 1.42 0.00	29.67 1.66 0.00	30.63 1.47 0.00	29.24 1.37 0.00	28.21 1.33 0.00	229.56 1.40 -201.60	248.40 1.63 -217.34	163.02 1.64 -133.47	157.71 1.23 -135.19	37.20 1.38 -15.03	23.30 1.58 -0.01	24.07 1.53 0.00	21.39 1.44 1.45	25.65 1.81 1.18	29.55 2.22 0.73	33.73 2.53 0.00	87.84 2.49 -57.88	105.69 2.60 -71.27	59.23 1.89 -30.93	36.33 1.91 -7.48	41.02 2.48 -6.62	41.96 2.19 -9.52	52.51 2.26 -21.45	30.63 1.87 -3.25
PORT_JEFF_4 23616	29.62 1.42 0.00	29.67 1.66 0.00	30.63 1.47 0.00	29.24 1.37 0.00	28.21 1.33 0.00	229.56 1.40 -201.60	248.40 1.63 -217.34	163.02 1.64 -133.47	157.71 1.23 -135.19	37.20 1.38 -15.03	23.30 1.58 -0.01	24.07 1.53 0.00	21.39 1.44 1.45	25.65 1.81 1.18	29.55 2.22 0.73	33.73 2.53 0.00	87.84 2.49 -57.88	105.69 2.60 -71.27	59.23 1.89 -30.93	36.33 1.91 -7.48	41.02 2.48 -6.62	41.96 2.19 -9.52	52.51 2.26 -21.45	30.63 1.87 -3.25
PORT_JEFF_IC 23713	29.63 1.43 0.00	29.69 1.68 0.00	30.65 1.48 0.00	29.25 1.38 0.00	28.22 1.34 0.00	240.37 1.42 -212.39	260.08 1.67 -228.97	170.14 1.61 -140.61	164.98 1.26 -142.43	38.03 1.41 -15.84	23.32 1.60 -0.01	24.09 1.56 0.00	21.48 1.48 1.39	25.73 1.84 1.13	29.62 2.27 0.70	33.77 2.58 0.00	90.14 2.56 -60.10	109.54 2.63 -75.09	60.92 1.92 -32.59	36.76 1.95 -7.89	41.48 2.58 -6.97	42.55 2.27 -10.02	53.73 2.33 -22.60	30.85 1.92 -3.42
PPL PILGRIM_ST_GT1 24216	29.82 1.61 0.00	29.80 1.78 0.00	30.78 1.62 0.00	29.36 1.49 0.00	28.34 1.46 0.00	47.81 1.50 -19.74	52.62 1.90 -21.28	42.88 1.89 -13.07	35.80 1.26 -13.24	23.59 1.33 -1.47	23.31 1.60 0.00	24.13 1.59 0.00	21.81 1.52 1.10	26.05 1.91 0.89	29.83 2.32 0.55	33.89 2.69 0.00	50.03 2.70 -19.86	41.71 2.91 -6.98	31.57 2.13 -3.03	29.99 2.33 -0.73	35.49 2.91 -0.65	33.71 2.52 -0.93	33.42 2.52 -2.10	27.87 2.04 -0.32
PPL PILGRIM_ST_GT2 24217	29.82 1.61 0.00	29.80 1.78 0.00	30.78 1.62 0.00	29.36 1.49 0.00	28.34 1.46 0.00	47.81 1.50 -19.74	52.62 1.90 -21.28	42.88 1.89 -13.07	35.80 1.26 -13.24	23.59 1.33 -1.47	23.31 1.60 0.00	24.13 1.59 0.00	21.81 1.52 1.10	26.05 1.91 0.89	29.83 2.32 0.55	33.89 2.69 0.00	50.03 2.70 -19.86	41.71 2.91 -6.98	31.57 2.13 -3.03	29.99 2.33 -0.73	35.49 2.91 -0.65	33.71 2.52 -0.93	33.42 2.52 -2.10	27.87 2.04 -0.32
PPL_SHRM_GT3 24213	29.64 1.44 0.00	29.82 1.80 0.00	30.78 1.61 0.00	29.39 1.52 0.00	28.35 1.47 0.00	228.29 1.55 -200.17	246.77 1.53 -215.80	162.17 1.73 -132.52	156.87 1.34 -134.23	37.19 1.48 -14.93	23.38 1.66 -0.01	24.15 1.62 0.00	21.51 1.54 1.42	25.79 1.91 1.16	29.72 2.38 0.72	33.93 2.73 0.00	87.73 2.68 -57.57	105.29 2.70 -70.77	59.38 2.26 -30.71	36.66 2.30 -7.43	41.39 2.89 -6.57	42.23 2.52 -9.44	52.65 2.56 -21.30	30.82 2.09 -3.22
PPL_SHRM_GT4 24214	29.64 1.44 0.00	29.82 1.80 0.00	30.78 1.61 0.00	29.39 1.52 0.00	28.35 1.47 0.00	228.29 1.55 -200.17	246.77 1.53 -215.80	162.17 1.73 -132.52	156.87 1.34 -134.23	37.19 1.48 -14.93	23.38 1.66 -0.01	24.15 1.62 0.00	21.51 1.54 1.42	25.79 1.91 1.16	29.72 2.38 0.72	33.93 2.73 0.00	87.73 2.68 -57.57	105.29 2.70 -70.77	59.38 2.26 -30.71	36.66 2.30 -7.43	41.39 2.89 -6.57	42.23 2.52 -9.44	52.65 2.56 -21.30	30.82 2.09 -3.22
PROJECT___ORANGE I 24174	28.09 -0.12 0.00	27.90 -0.11 0.00	29.04 -0.12 0.00	27.74 -0.13 0.00	26.77 -0.11 0.00	26.40 -0.16 0.00	29.22 -0.22 0.00	27.70 -0.22 0.00	21.14 -0.16 0.00	20.65 -0.14 0.00	21.54 -0.16 0.00	22.37 -0.16 0.00	21.23 -0.16 0.00	24.83 -0.19 0.00	27.82 -0.23 0.00	30.89 -0.31 0.00	27.16 -0.32 0.00	31.41 -0.41 0.00	26.07 -0.34 0.00	26.57 -0.36 0.00	31.39 -0.53 0.00	29.78 -0.47 0.00	28.40 -0.39 0.00	25.25 -0.27 0.00



PROJECT___ORANGE 2 24166	28.09 -0.12 0.00	27.90 -0.11 0.00	29.04 -0.12 0.00	27.74 -0.13 0.00	26.77 -0.11 0.00	26.40 -0.16 0.00	29.22 -0.22 0.00	27.70 -0.22 0.00	21.14 -0.16 0.00	20.65 -0.14 0.00	21.54 -0.16 0.00	22.37 -0.16 0.00	21.23 -0.16 0.00	24.83 -0.19 0.00	27.82 -0.23 0.00	30.89 -0.31 0.00	27.16 -0.32 0.00	31.41 -0.41 0.00	26.07 -0.34 0.00	26.57 -0.36 0.00	31.39 -0.53 0.00	29.78 -0.47 0.00	28.40 -0.39 0.00	25.25 -0.27 0.00
PUCKETT___SOLAR 323809	29.08 0.87 0.00	28.85 0.83 0.00	30.10 0.93 0.00	28.74 0.87 0.00	27.78 0.89 0.00	27.52 0.96 0.00	30.59 1.15 0.00	29.00 1.08 0.00	21.97 0.67 0.00	21.33 0.54 0.00	22.21 0.50 0.00	23.05 0.52 0.00	21.86 0.47 0.00	25.57 0.54 0.00	28.75 0.70 0.00	32.19 0.99 0.00	28.43 0.95 0.00	32.98 1.16 0.00	27.31 0.90 0.00	27.86 0.94 0.00	32.94 1.01 0.00	31.15 0.89 0.00	29.55 0.75 0.00	26.10 0.59 0.00
PYRITES___HYD 24023	27.85 -0.36 0.00	27.82 -0.19 0.00	28.85 -0.32 0.00	27.65 -0.22 0.00	26.81 -0.07 0.00	26.80 0.24 0.00	30.07 0.63 0.00	28.95 1.03 0.00	22.86 1.56 0.00	22.30 1.52 0.00	23.18 1.47 0.00	24.18 1.65 0.00	22.84 1.45 0.00	26.67 1.64 0.00	29.67 1.61 0.00	33.08 1.88 0.00	29.01 1.53 0.00	33.36 1.54 0.00	27.71 1.30 0.00	28.43 1.51 0.00	35.15 3.22 0.00	33.17 2.92 0.00	31.00 2.21 0.00	27.32 1.81 0.00
QUAKERRD_115KV_BK1 80622	27.46 -0.74 0.00	27.33 -0.68 0.00	28.41 -0.76 0.00	27.07 -0.80 0.00	26.26 -0.62 0.00	25.93 -0.64 0.00	28.80 -0.64 0.00	27.24 -0.68 0.00	20.84 -0.46 0.00	20.41 -0.38 0.00	21.18 -0.53 0.00	22.03 -0.50 0.00	20.89 -0.50 0.00	24.41 -0.61 0.00	27.33 -0.73 0.00	30.23 -0.96 0.00	26.35 -1.13 0.00	30.42 -1.41 0.00	25.12 -1.29 0.00	25.61 -1.32 0.00	30.41 -1.52 0.00	28.77 -1.49 0.00	27.31 -1.48 0.00	24.35 -1.17 0.00
QUENSBRY_115KV_TB8 356137	30.18 1.98 0.00	30.00 1.99 0.00	31.33 2.17 0.00	29.98 2.11 0.00	29.05 2.17 0.00	28.84 2.28 0.00	32.00 2.56 0.00	30.34 2.42 0.00	22.95 1.65 0.00	22.23 1.45 0.00	23.22 1.51 0.00	23.99 1.45 0.00	22.73 1.34 0.00	26.60 1.58 0.00	29.83 1.78 0.00	33.14 1.94 0.00	30.29 1.54 -1.27	33.62 1.80 0.00	27.93 1.52 0.00	28.44 1.51 0.00	33.56 1.63 0.00	31.76 1.50 0.00	30.36 1.56 0.00	27.03 1.52 0.00
RAMAPO___LBMP 323565	29.08 0.87 0.00	28.92 0.91 0.00	30.01 0.85 0.00	28.68 0.81 0.00	27.64 0.76 0.00	27.36 0.80 0.00	30.43 0.99 0.00	28.82 0.90 0.00	21.92 0.62 0.00	21.50 0.71 0.00	22.53 0.82 0.00	23.41 0.88 0.00	22.23 0.84 0.00	25.96 0.94 0.00	29.10 1.04 0.00	32.41 1.21 0.00	18.85 1.07 9.70	33.17 1.35 0.00	27.45 1.04 0.00	28.02 1.10 0.00	33.22 1.29 0.00	31.52 1.26 0.00	29.94 1.15 0.00	26.35 0.83 0.00
RANKINE____ 23646	28.06 -0.14 0.00	27.96 -0.05 0.00	29.04 -0.13 0.00	27.58 -0.30 0.00	26.92 0.04 0.00	26.53 -0.03 0.00	29.43 -0.01 0.00	27.73 -0.19 0.00	21.28 -0.01 0.00	20.94 0.15 0.00	21.76 0.05 0.00	22.70 0.17 0.00	21.50 0.11 0.00	25.05 0.02 0.00	27.99 -0.06 0.00	30.69 -0.50 0.00	26.25 -1.23 0.00	30.21 -1.61 0.00	24.77 -1.64 0.00	25.31 -1.61 0.00	30.21 -1.71 0.00	28.58 -1.68 0.00	27.04 -1.75 0.00	24.17 -1.34 0.00
RAVENSWOOD_GT2_1 24244	29.38 1.18 0.00	29.19 1.18 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.75 1.93 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT2_2 24245	29.38 1.18 0.00	29.19 1.18 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.75 1.93 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT2_3 24246	29.39 1.19 0.00	29.20 1.19 0.00	30.30 1.13 0.00	28.94 1.07 0.00	27.90 1.02 0.00	27.61 1.04 0.00	30.81 1.37 0.00	29.22 1.30 0.00	22.28 0.98 0.00	21.87 1.09 0.00	22.92 1.21 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.41 1.39 0.00	29.62 1.56 0.00	32.98 1.78 0.00	35.87 1.60 -6.79	33.76 1.94 0.00	27.90 1.49 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.92 1.66 0.00	30.30 1.51 0.00	26.63 1.12 0.00
RAVENSWOOD_GT2_4 24247	29.39 1.19 0.00	29.20 1.19 0.00	30.30 1.13 0.00	28.94 1.07 0.00	27.90 1.02 0.00	27.61 1.04 0.00	30.81 1.37 0.00	29.22 1.30 0.00	22.28 0.98 0.00	21.87 1.09 0.00	22.92 1.21 0.00	23.81 1.27 0.00	22.62 1.23 0.00	26.41 1.39 0.00	29.62 1.56 0.00	32.98 1.78 0.00	35.87 1.60 -6.79	33.76 1.94 0.00	27.90 1.49 0.00	28.42 1.50 0.00	33.70 1.77 0.00	31.92 1.66 0.00	30.30 1.51 0.00	26.63 1.12 0.00
RAVENSWOOD_GT3_1 24248	29.38 1.18 0.00	29.19 1.18 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.27 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.61 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.75 1.93 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT3_2 24249	29.38 1.18 0.00	29.19 1.18 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.27 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.61 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.75 1.93 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT3_3 24250	29.42 1.22 0.00	29.23 1.22 0.00	30.32 1.16 0.00	28.97 1.09 0.00	27.92 1.04 0.00	27.63 1.07 0.00	30.84 1.40 0.00	29.25 1.33 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.84 1.31 0.00	22.65 1.26 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.83 0.00	35.91 1.64 -6.79	33.79 1.97 0.00	27.93 1.51 0.00	28.46 1.53 0.00	33.73 1.81 0.00	31.95 1.70 0.00	30.33 1.54 0.00	26.65 1.14 0.00
RAVENSWOOD_GT3_4 24251	29.42 1.22 0.00	29.23 1.22 0.00	30.32 1.16 0.00	28.97 1.09 0.00	27.92 1.04 0.00	27.63 1.07 0.00	30.84 1.40 0.00	29.25 1.33 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.84 1.31 0.00	22.65 1.26 0.00	26.44 1.41 0.00	29.66 1.60 0.00	33.02 1.83 0.00	35.91 1.64 -6.79	33.79 1.97 0.00	27.93 1.51 0.00	28.46 1.53 0.00	33.73 1.81 0.00	31.95 1.70 0.00	30.33 1.54 0.00	26.65 1.14 0.00



RAVENSWOOD_GT_1 23729	29.45 1.25 0.00	29.29 1.27 0.00	30.37 1.21 0.00	29.02 1.14 0.00	27.97 1.10 0.00	27.68 1.12 0.00	30.90 1.47 0.00	29.31 1.39 0.00	22.35 1.06 0.00	21.94 1.16 0.00	23.00 1.29 0.00	23.90 1.36 0.00	22.71 1.32 0.00	26.49 1.46 0.00	29.71 1.65 0.00	33.08 1.88 0.00	35.95 1.68 -6.79	33.87 2.04 0.00	27.98 1.56 0.00	28.52 1.59 0.00	33.80 1.88 0.00	32.01 1.75 0.00	30.38 1.59 0.00	26.68 1.17 0.00
RAVENSWOOD_GT_10 24258	29.38 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.54 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.74 1.92 0.00	27.89 1.47 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_11 24259	29.38 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.54 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.74 1.92 0.00	27.89 1.47 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_4 24252	29.39 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.05 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.79 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.73 1.91 0.00	27.89 1.47 0.00	28.41 1.48 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_5 24254	29.39 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.05 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.79 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.73 1.91 0.00	27.89 1.47 0.00	28.41 1.48 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_6 24253	29.39 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.05 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.79 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.73 1.91 0.00	27.89 1.47 0.00	28.41 1.48 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_7 24255	29.39 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.05 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.85 1.07 0.00	22.91 1.20 0.00	23.79 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.55 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.73 1.91 0.00	27.89 1.47 0.00	28.41 1.48 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	29.38 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.54 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.74 1.92 0.00	27.89 1.47 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD_GT_9 24257	29.38 1.18 0.00	29.19 1.17 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.59 1.03 0.00	30.79 1.36 0.00	29.21 1.29 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.36 0.00	29.60 1.54 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.74 1.92 0.00	27.89 1.47 0.00	28.41 1.49 0.00	33.68 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.61 1.10 0.00
RAVENSWOOD___1 23533	29.38 1.18 0.00	29.23 1.21 0.00	30.31 1.14 0.00	28.95 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.83 1.30 0.00	22.65 1.27 0.00	26.43 1.40 0.00	29.64 1.59 0.00	33.00 1.80 0.00	35.89 1.62 -6.79	33.79 1.97 0.00	27.92 1.51 0.00	28.45 1.53 0.00	33.73 1.80 0.00	31.94 1.68 0.00	30.32 1.52 0.00	26.63 1.12 0.00
RAVENSWOOD___2 23534	29.38 1.18 0.00	29.23 1.21 0.00	30.31 1.14 0.00	28.95 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.83 1.30 0.00	22.65 1.27 0.00	26.43 1.40 0.00	29.64 1.59 0.00	33.00 1.80 0.00	35.89 1.62 -6.79	33.79 1.97 0.00	27.92 1.51 0.00	28.45 1.53 0.00	33.73 1.80 0.00	31.94 1.68 0.00	30.32 1.52 0.00	26.63 1.12 0.00
RAVENSWOOD___3 23535	29.38 1.18 0.00	29.19 1.18 0.00	30.28 1.12 0.00	28.93 1.06 0.00	27.90 1.02 0.00	27.60 1.03 0.00	30.79 1.36 0.00	29.20 1.28 0.00	22.27 0.97 0.00	21.86 1.08 0.00	22.91 1.20 0.00	23.80 1.26 0.00	22.61 1.22 0.00	26.39 1.37 0.00	29.61 1.56 0.00	32.96 1.77 0.00	35.86 1.59 -6.79	33.75 1.93 0.00	27.89 1.48 0.00	28.41 1.49 0.00	33.69 1.76 0.00	31.91 1.65 0.00	30.29 1.50 0.00	26.61 1.10 0.00
RAVENSWOOD___4 23820	29.38 1.18 0.00	29.23 1.21 0.00	30.31 1.14 0.00	28.95 1.08 0.00	27.92 1.04 0.00	27.62 1.06 0.00	30.83 1.39 0.00	29.24 1.32 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.83 1.30 0.00	22.65 1.27 0.00	26.43 1.40 0.00	29.64 1.59 0.00	33.00 1.80 0.00	35.89 1.62 -6.79	33.79 1.97 0.00	27.92 1.51 0.00	28.45 1.53 0.00	33.73 1.80 0.00	31.94 1.68 0.00	30.32 1.52 0.00	26.63 1.12 0.00
RCPI_TRUST___DRP 24196	29.43 1.22 0.00	29.23 1.22 0.00	30.33 1.17 0.00	28.97 1.10 0.00	27.93 1.05 0.00	27.63 1.07 0.00	30.84 1.40 0.00	29.24 1.32 0.00	22.31 1.01 0.00	21.90 1.12 0.00	22.96 1.26 0.00	23.85 1.32 0.00	22.66 1.27 0.00	26.45 1.42 0.00	29.66 1.60 0.00	33.03 1.83 0.00	35.95 1.64 -6.83	33.80 1.98 0.00	27.92 1.51 0.00	28.45 1.52 0.00	33.72 1.80 0.00	31.95 1.69 0.00	30.32 1.52 0.00	26.64 1.13 0.00
RED___ROCHESTER 323720	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.02 0.14 0.00	26.68 0.12 0.00	29.65 0.22 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.11 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.44 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.72 0.00	29.52 -0.74 0.00	27.98 -0.81 0.00	24.94 -0.57 0.00



REGAN____SOLAR 323812	30.14 1.94 0.00	29.90 1.88 0.00	31.20 2.04 0.00	29.79 1.91 0.00	28.85 1.97 0.00	28.59 2.03 0.00	31.80 2.37 0.00	30.11 2.19 0.00	22.27 0.97 0.00	21.17 0.39 0.00	22.01 0.31 0.00	22.85 0.31 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.66 0.60 0.00	33.02 1.82 0.00	29.81 2.33 0.00	34.54 2.71 0.00	28.66 2.25 0.00	29.17 2.25 0.00	34.67 2.74 0.00	32.66 2.41 0.00	30.87 2.07 0.00	27.31 1.80 0.00
RENSSELAER____COGEN 23796	28.65 0.45 0.00	28.46 0.44 0.00	29.63 0.46 0.00	28.33 0.46 0.00	27.30 0.42 0.00	27.00 0.43 0.00	29.88 0.44 0.00	28.34 0.42 0.00	21.56 0.26 0.00	20.99 0.20 0.00	21.95 0.24 0.00	22.74 0.21 0.00	21.62 0.23 0.00	25.34 0.32 0.00	28.50 0.44 0.00	31.73 0.53 0.00	29.31 0.52 -1.32	32.45 0.62 0.00	26.92 0.50 0.00	27.41 0.48 0.00	32.54 0.62 0.00	30.85 0.59 0.00	29.38 0.59 0.00	25.96 0.45 0.00
REPUBLIC_115KV_BARTNBRK 55605	31.09 2.88 0.00	30.87 2.86 0.00	32.32 3.15 0.00	30.97 3.10 0.00	30.25 3.38 0.00	30.08 3.51 0.00	33.36 3.92 0.00	31.63 3.71 0.00	23.87 2.57 0.00	23.07 2.29 0.00	24.14 2.43 0.00	24.95 2.42 0.00	23.70 2.31 0.00	27.99 2.96 0.00	31.55 3.50 0.00	35.15 3.95 0.00	32.07 3.32 -1.27	35.44 3.62 0.00	29.48 3.06 0.00	30.12 3.19 0.00	35.34 3.41 0.00	33.42 3.16 0.00	31.78 2.99 0.00	28.36 2.85 0.00
REVERE_CPPR_DRP 24186	29.08 0.88 0.00	28.86 0.84 0.00	30.07 0.90 0.00	28.79 0.92 0.00	27.84 0.96 0.00	27.62 1.06 0.00	30.81 1.37 0.00	29.26 1.34 0.00	22.27 0.97 0.00	21.60 0.81 0.00	22.48 0.77 0.00	23.29 0.76 0.00	22.07 0.69 0.00	25.83 0.80 0.00	29.05 0.99 0.00	32.53 1.33 0.00	28.91 1.43 0.00	33.47 1.64 0.00	27.75 1.34 0.00	28.28 1.35 0.00	33.61 1.68 0.00	31.74 1.48 0.00	30.04 1.25 0.00	26.47 0.96 0.00
REYNOLDS_115KV_TB3 80639	28.90 0.69 0.00	28.70 0.68 0.00	29.87 0.70 0.00	28.57 0.70 0.00	27.53 0.65 0.00	27.21 0.65 0.00	30.08 0.64 0.00	28.53 0.61 0.00	21.70 0.40 0.00	21.12 0.34 0.00	22.10 0.39 0.00	22.89 0.35 0.00	21.77 0.38 0.00	25.52 0.50 0.00	28.73 0.67 0.00	31.98 0.78 0.00	29.53 0.70 -1.36	32.65 0.83 0.00	27.09 0.68 0.00	27.58 0.66 0.00	32.75 0.83 0.00	31.07 0.82 0.00	29.60 0.81 0.00	26.17 0.66 0.00
RIVERBAY____ 323610	29.73 1.53 0.00	29.69 1.68 0.00	30.69 1.53 0.00	29.33 1.46 0.00	28.32 1.44 0.00	27.98 1.42 0.00	31.27 1.83 0.00	29.63 1.71 0.00	22.47 1.17 0.00	21.98 1.20 0.00	23.04 1.33 0.00	23.91 1.37 0.00	22.72 1.33 0.00	26.52 1.49 0.00	29.76 1.71 0.00	33.14 1.94 0.00	36.03 1.76 -6.79	33.96 2.14 0.00	28.05 1.64 0.00	28.60 1.67 0.00	33.90 1.97 0.00	32.07 1.81 0.00	30.45 1.65 0.00	26.86 1.35 0.00
RIVERSDE_115KV_TB3 55908	28.78 0.57 0.00	28.58 0.57 0.00	29.75 0.59 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.12 0.56 0.00	29.99 0.56 0.00	28.45 0.54 0.00	21.64 0.35 0.00	21.07 0.29 0.00	22.04 0.33 0.00	22.84 0.31 0.00	21.72 0.33 0.00	25.46 0.43 0.00	28.64 0.59 0.00	31.88 0.68 0.00	29.45 0.63 -1.34	32.58 0.76 0.00	27.03 0.61 0.00	27.52 0.59 0.00	32.67 0.74 0.00	30.99 0.73 0.00	29.50 0.71 0.00	26.08 0.57 0.00
ROARING____BROOK_WT_PWR 323790	27.69 -0.52 0.00	27.48 -0.53 0.00	28.60 -0.57 0.00	27.41 -0.46 0.00	26.49 -0.39 0.00	26.27 -0.29 0.00	29.25 -0.19 0.00	27.86 -0.06 0.00	21.39 0.10 0.00	20.95 0.17 0.00	21.98 0.27 0.00	22.87 0.33 0.00	21.67 0.28 0.00	25.35 0.33 0.00	28.34 0.28 0.00	31.50 0.30 0.00	27.67 0.19 0.00	32.02 0.19 0.00	26.61 0.20 0.00	27.22 0.29 0.00	32.80 0.88 0.00	31.03 0.77 0.00	29.31 0.52 0.00	25.82 0.31 0.00
ROCHESRG_115KV_T4 355643	27.98 -0.22 0.00	27.86 -0.15 0.00	28.94 -0.22 0.00	27.55 -0.32 0.00	26.77 -0.11 0.00	26.40 -0.16 0.00	29.31 -0.12 0.00	27.72 -0.20 0.00	21.23 -0.07 0.00	20.81 0.02 0.00	21.58 -0.13 0.00	22.47 -0.06 0.00	21.30 -0.08 0.00	24.88 -0.15 0.00	27.83 -0.23 0.00	30.74 -0.46 0.00	26.69 -0.79 0.00	30.78 -1.04 0.00	25.40 -1.01 0.00	25.90 -1.03 0.00	30.82 -1.11 0.00	29.17 -1.09 0.00	27.67 -1.12 0.00	24.68 -0.83 0.00
ROCHESTER_9_IC 23652	28.13 -0.08 0.00	28.01 -0.01 0.00	29.10 -0.07 0.00	27.70 -0.17 0.00	26.92 0.04 0.00	26.56 0.00 0.00	29.51 0.07 0.00	27.92 0.00 0.00	21.37 0.08 0.00	20.94 0.15 0.00	21.71 0.00 0.00	22.61 0.07 0.00	21.43 0.04 0.00	25.03 0.01 0.00	28.00 -0.05 0.00	30.95 -0.24 0.00	26.88 -0.59 0.00	31.01 -0.81 0.00	25.59 -0.82 0.00	26.09 -0.84 0.00	31.03 -0.90 0.00	29.36 -0.90 0.00	27.84 -0.95 0.00	24.82 -0.68 0.00
ROCKVIEW_13_KV_LD 356306	29.39 1.19 0.00	29.21 1.20 0.00	30.32 1.16 0.00	28.96 1.09 0.00	27.92 1.04 0.00	27.64 1.08 0.00	30.81 1.37 0.00	29.22 1.30 0.00	22.26 0.96 0.00	21.84 1.05 0.00	22.89 1.18 0.00	23.77 1.23 0.00	22.58 1.19 0.00	26.38 1.35 0.00	29.60 1.54 0.00	32.94 1.74 0.00	35.85 1.57 -6.80	33.73 1.91 0.00	27.88 1.47 0.00	28.40 1.48 0.00	33.67 1.75 0.00	31.91 1.65 0.00	30.28 1.49 0.00	26.63 1.12 0.00
ROME____115KV_TB2 80656	29.08 0.88 0.00	28.86 0.84 0.00	30.07 0.90 0.00	28.79 0.92 0.00	27.84 0.96 0.00	27.62 1.06 0.00	30.81 1.37 0.00	29.26 1.34 0.00	22.27 0.97 0.00	21.60 0.81 0.00	22.48 0.77 0.00	23.29 0.76 0.00	22.07 0.69 0.00	25.83 0.80 0.00	29.05 0.99 0.00	32.53 1.33 0.00	28.91 1.43 0.00	33.47 1.64 0.00	27.75 1.34 0.00	28.28 1.35 0.00	33.61 1.68 0.00	31.74 1.48 0.00	30.04 1.25 0.00	26.47 0.96 0.00
ROSETON____1 23587	29.13 0.93 0.00	28.96 0.95 0.00	30.08 0.91 0.00	28.74 0.87 0.00	27.70 0.82 0.00	27.42 0.86 0.00	30.49 1.06 0.00	28.90 0.98 0.00	22.02 0.72 0.00	21.56 0.78 0.00	22.59 0.88 0.00	23.45 0.92 0.00	22.29 0.90 0.00	26.04 1.02 0.00	29.23 1.17 0.00	32.52 1.32 0.00	28.67 1.20 0.00	33.29 1.46 0.00	27.55 1.13 0.00	28.07 1.14 0.00	33.27 1.34 0.00	31.54 1.28 0.00	29.97 1.17 0.00	26.37 0.86 0.00
ROSETON____2 23588	29.13 0.93 0.00	28.96 0.95 0.00	30.08 0.91 0.00	28.74 0.87 0.00	27.70 0.82 0.00	27.42 0.86 0.00	30.49 1.06 0.00	28.90 0.98 0.00	22.02 0.72 0.00	21.56 0.78 0.00	22.59 0.88 0.00	23.45 0.92 0.00	22.29 0.90 0.00	26.04 1.02 0.00	29.23 1.17 0.00	32.52 1.32 0.00	28.67 1.20 0.00	33.29 1.46 0.00	27.55 1.13 0.00	28.07 1.14 0.00	33.27 1.34 0.00	31.54 1.28 0.00	29.97 1.17 0.00	26.37 0.86 0.00
ROTTDRAM_115KV_TB3 80664	29.18 0.97 0.00	28.97 0.96 0.00	30.19 1.02 0.00	28.86 0.99 0.00	27.81 0.94 0.00	27.53 0.97 0.00	30.52 1.08 0.00	28.95 1.03 0.00	22.00 0.70 0.00	21.41 0.63 0.00	22.37 0.66 0.00	23.19 0.65 0.00	22.03 0.64 0.00	25.78 0.75 0.00	28.97 0.92 0.00	32.27 1.08 0.00	28.45 0.98 0.00	32.99 1.17 0.00	27.37 0.96 0.00	27.88 0.95 0.00	33.05 1.12 0.00	31.32 1.06 0.00	29.81 1.01 0.00	26.37 0.85 0.00



RUSSELL___1 23602	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00
RUSSELL___2 23532	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00
RUSSELL___3 23549	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00
RUSSELL___4 23556	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00
RUSSELL___STATION 23914	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00
S SALMON___HYD 24043	27.93 -0.27 0.00	27.68 -0.34 0.00	28.86 -0.31 0.00	27.63 -0.24 0.00	26.69 -0.18 0.00	26.39 -0.17 0.00	29.31 -0.13 0.00	27.84 -0.08 0.00	21.21 -0.09 0.00	20.61 -0.18 0.00	21.43 -0.28 0.00	22.23 -0.31 0.00	21.07 -0.32 0.00	24.63 -0.39 0.00	27.61 -0.45 0.00	30.87 -0.33 0.00	27.39 -0.09 0.00	31.74 -0.08 0.00	26.34 -0.07 0.00	26.84 -0.08 0.00	31.86 -0.07 0.00	30.09 -0.17 0.00	28.55 -0.25 0.00	25.31 -0.20 0.00
S.PERRY___115KV_TB1 80734	29.01 0.81 0.00	28.85 0.83 0.00	29.95 0.78 0.00	28.57 0.70 0.00	27.89 1.01 0.00	27.61 1.05 0.00	30.81 1.37 0.00	29.14 1.22 0.00	22.12 0.82 0.00	21.32 0.54 0.00	22.14 0.43 0.00	23.12 0.58 0.00	21.90 0.51 0.00	25.56 0.53 0.00	28.66 0.61 0.00	31.96 0.76 0.00	27.84 0.36 0.00	32.19 0.37 0.00	26.53 0.12 0.00	26.98 0.06 0.00	31.95 0.02 0.00	30.03 -0.22 0.00	28.36 -0.43 0.00	25.20 -0.31 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	27.77 -0.43 0.00	27.70 -0.32 0.00	28.74 -0.43 0.00	27.28 -0.59 0.00	26.62 -0.26 0.00	26.22 -0.35 0.00	29.05 -0.38 0.00	27.37 -0.55 0.00	21.04 -0.26 0.00	20.71 -0.08 0.00	21.48 -0.23 0.00	22.41 -0.12 0.00	21.22 -0.17 0.00	24.74 -0.29 0.00	27.63 -0.43 0.00	30.26 -0.94 0.00	25.88 -1.60 0.00	29.75 -2.07 0.00	24.41 -2.00 0.00	24.94 -1.99 0.00	29.85 -2.08 0.00	28.26 -2.00 0.00	26.76 -2.04 0.00	23.95 -1.56 0.00
SAWYER___23_KV_LOAD 55526	27.77 -0.43 0.00	27.70 -0.32 0.00	28.74 -0.43 0.00	27.28 -0.59 0.00	26.62 -0.26 0.00	26.22 -0.35 0.00	29.05 -0.38 0.00	27.37 -0.55 0.00	21.04 -0.26 0.00	20.71 -0.08 0.00	21.48 -0.23 0.00	22.41 -0.12 0.00	21.22 -0.17 0.00	24.74 -0.29 0.00	27.63 -0.43 0.00	30.26 -0.94 0.00	25.88 -1.60 0.00	29.75 -2.07 0.00	24.41 -2.00 0.00	24.94 -1.99 0.00	29.85 -2.08 0.00	28.26 -2.00 0.00	26.76 -2.04 0.00	23.95 -1.56 0.00
SELKIRK___I 23801	28.78 0.58 0.00	28.60 0.58 0.00	29.79 0.62 0.00	28.47 0.60 0.00	27.41 0.53 0.00	27.12 0.55 0.00	30.01 0.58 0.00	28.46 0.54 0.00	21.66 0.36 0.00	21.11 0.33 0.00	22.07 0.36 0.00	22.88 0.35 0.00	21.75 0.36 0.00	25.48 0.45 0.00	28.64 0.58 0.00	31.87 0.67 0.00	29.40 0.63 -1.29	32.57 0.75 0.00	27.01 0.60 0.00	27.51 0.59 0.00	32.65 0.73 0.00	30.96 0.70 0.00	29.47 0.68 0.00	26.04 0.54 0.00
SELKIRK___II 23799	28.78 0.57 0.00	28.58 0.56 0.00	29.77 0.60 0.00	28.46 0.59 0.00	27.40 0.52 0.00	27.11 0.55 0.00	30.01 0.57 0.00	28.45 0.53 0.00	21.66 0.36 0.00	21.09 0.31 0.00	22.05 0.34 0.00	22.86 0.32 0.00	21.73 0.34 0.00	25.45 0.43 0.00	28.62 0.56 0.00	31.85 0.66 0.00	29.38 0.62 -1.28	32.57 0.75 0.00	27.02 0.61 0.00	27.51 0.59 0.00	32.66 0.73 0.00	30.96 0.70 0.00	29.47 0.68 0.00	26.05 0.54 0.00
SENECA OSWGO___HYD 24041	27.86 -0.34 0.00	27.66 -0.35 0.00	28.78 -0.38 0.00	27.49 -0.38 0.00	26.54 -0.34 0.00	26.19 -0.37 0.00	29.00 -0.43 0.00	27.51 -0.42 0.00	20.98 -0.32 0.00	20.46 -0.32 0.00	21.35 -0.36 0.00	22.17 -0.37 0.00	21.03 -0.36 0.00	24.60 -0.42 0.00	27.57 -0.49 0.00	30.62 -0.57 0.00	26.97 -0.51 0.00	31.22 -0.60 0.00	25.92 -0.49 0.00	26.41 -0.51 0.00	31.22 -0.71 0.00	29.57 -0.69 0.00	28.17 -0.63 0.00	25.07 -0.45 0.00
SENECA___115KV_TB3 355854	28.11 -0.09 0.00	28.01 0.00 0.00	29.08 -0.09 0.00	27.61 -0.26 0.00	26.97 0.09 0.00	26.57 0.01 0.00	29.48 0.05 0.00	27.78 -0.14 0.00	21.32 0.03 0.00	20.97 0.19 0.00	21.79 0.08 0.00	22.74 0.20 0.00	21.53 0.14 0.00	25.10 0.07 0.00	28.05 -0.01 0.00	30.75 -0.45 0.00	26.30 -1.18 0.00	30.27 -1.55 0.00	24.82 -1.59 0.00	25.36 -1.57 0.00	30.27 -1.66 0.00	28.63 -1.63 0.00	27.09 -1.71 0.00	24.21 -1.30 0.00
SENECA___ENERGY 23797	28.21 0.00 0.00	28.04 0.03 0.00	29.18 0.02 0.00	27.85 -0.03 0.00	27.00 0.12 0.00	26.69 0.13 0.00	29.73 0.29 0.00	28.10 0.18 0.00	21.44 0.14 0.00	20.90 0.11 0.00	21.73 0.02 0.00	22.57 0.04 0.00	21.42 0.03 0.00	25.01 -0.02 0.00	28.02 -0.04 0.00	31.22 0.02 0.00	27.31 -0.16 0.00	31.66 -0.17 0.00	26.21 -0.20 0.00	26.70 -0.23 0.00	31.51 -0.42 0.00	29.78 -0.47 0.00	28.28 -0.51 0.00	25.11 -0.40 0.00
SHOEMAKER___GT 23640	29.01 0.81 0.00	28.83 0.82 0.00	29.96 0.80 0.00	28.63 0.76 0.00	27.59 0.71 0.00	27.31 0.75 0.00	30.37 0.93 0.00	28.78 0.86 0.00	21.90 0.60 0.00	21.41 0.63 0.00	22.39 0.68 0.00	23.24 0.71 0.00	22.06 0.67 0.00	25.80 0.78 0.00	28.95 0.90 0.00	32.30 1.10 0.00	22.03 1.01 6.45	33.09 1.27 0.00	27.41 1.00 0.00	27.96 1.03 0.00	33.13 1.20 0.00	31.41 1.15 0.00	29.84 1.04 0.00	26.29 0.78 0.00



SHOEMAKR_138KV_BK 111 55601	28.99 0.79 0.00	28.82 0.80 0.00	29.95 0.78 0.00	28.61 0.74 0.00	27.58 0.70 0.00	27.31 0.74 0.00	30.35 0.91 0.00	28.76 0.84 0.00	21.89 0.59 0.00	21.41 0.63 0.00	22.40 0.69 0.00	23.26 0.72 0.00	22.08 0.69 0.00	25.80 0.78 0.00	28.95 0.90 0.00	32.28 1.08 0.00	22.34 0.99 6.14	33.07 1.24 0.00	27.39 0.97 0.00	27.93 1.01 0.00	33.10 1.17 0.00	31.39 1.13 0.00	29.82 1.02 0.00	26.27 0.76 0.00
SHOREHAM_IC_1 23715	29.64 1.44 0.00	29.82 1.80 0.00	30.78 1.61 0.00	29.39 1.52 0.00	28.35 1.47 0.00	228.29 1.55 -200.17	246.77 1.53 -215.80	162.17 1.73 -132.52	156.87 1.34 -134.23	37.19 1.48 -14.93	23.38 1.66 -0.01	24.15 1.62 0.00	21.51 1.54 1.42	25.79 1.91 1.16	29.72 2.38 0.72	33.93 2.73 0.00	87.73 2.68 -57.57	105.29 2.70 -70.77	59.38 2.26 -30.71	36.66 2.30 -7.43	41.39 2.89 -6.57	42.23 2.52 -9.44	52.65 2.56 -21.30	30.82 2.09 -3.22
SHOREHAM_IC_2 23716	29.64 1.44 0.00	29.82 1.80 0.00	30.78 1.61 0.00	29.39 1.52 0.00	28.35 1.47 0.00	228.29 1.55 -200.17	246.77 1.53 -215.80	162.17 1.73 -132.52	156.87 1.34 -134.23	37.19 1.48 -14.93	23.38 1.66 -0.01	24.15 1.62 0.00	21.51 1.54 1.42	25.79 1.91 1.16	29.72 2.38 0.72	33.93 2.73 0.00	87.73 2.68 -57.57	105.29 2.70 -70.77	59.38 2.26 -30.71	36.66 2.30 -7.43	41.39 2.89 -6.57	42.23 2.52 -9.44	52.65 2.56 -21.30	30.82 2.09 -3.22
SISSONVILLE____ 23735	27.45 -0.76 0.00	27.41 -0.61 0.00	28.43 -0.73 0.00	27.27 -0.60 0.00	26.42 -0.46 0.00	26.37 -0.19 0.00	29.52 0.09 0.00	28.45 0.53 0.00	22.24 0.94 0.00	21.80 1.02 0.00	22.85 1.14 0.00	23.81 1.28 0.00	22.49 1.10 0.00	26.26 1.23 0.00	29.26 1.20 0.00	32.61 1.41 0.00	28.53 1.06 0.00	32.73 0.90 0.00	27.18 0.77 0.00	27.91 0.98 0.00	34.47 2.55 0.00	32.52 2.26 0.00	30.43 1.64 0.00	26.83 1.32 0.00
SITHE_IND_GS1 24169	27.52 -0.68 0.00	27.34 -0.67 0.00	28.46 -0.70 0.00	27.18 -0.69 0.00	26.22 -0.66 0.00	25.85 -0.71 0.00	28.60 -0.84 0.00	27.12 -0.80 0.00	20.73 -0.57 0.00	20.23 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.21 -0.85 0.00	30.19 -1.01 0.00	26.58 -0.90 0.00	30.74 -1.08 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.78 -1.15 0.00	29.19 -1.07 0.00	27.84 -0.95 0.00	24.79 -0.71 0.00
SITHE_IND_GS2 24170	27.52 -0.68 0.00	27.34 -0.67 0.00	28.46 -0.70 0.00	27.18 -0.69 0.00	26.22 -0.66 0.00	25.85 -0.71 0.00	28.60 -0.84 0.00	27.12 -0.80 0.00	20.73 -0.57 0.00	20.23 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.21 -0.85 0.00	30.19 -1.01 0.00	26.58 -0.90 0.00	30.74 -1.08 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.78 -1.15 0.00	29.19 -1.07 0.00	27.84 -0.95 0.00	24.79 -0.71 0.00
SITHE_IND_GS3 24171	27.52 -0.68 0.00	27.34 -0.67 0.00	28.46 -0.70 0.00	27.18 -0.69 0.00	26.22 -0.66 0.00	25.85 -0.71 0.00	28.60 -0.84 0.00	27.12 -0.80 0.00	20.73 -0.57 0.00	20.23 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.21 -0.85 0.00	30.19 -1.01 0.00	26.58 -0.90 0.00	30.74 -1.08 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.78 -1.15 0.00	29.19 -1.07 0.00	27.84 -0.95 0.00	24.79 -0.71 0.00
SITHE_IND_GS4 24172	27.52 -0.68 0.00	27.34 -0.67 0.00	28.46 -0.70 0.00	27.18 -0.69 0.00	26.22 -0.66 0.00	25.85 -0.71 0.00	28.60 -0.84 0.00	27.12 -0.80 0.00	20.73 -0.57 0.00	20.23 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.21 -0.85 0.00	30.19 -1.01 0.00	26.58 -0.90 0.00	30.74 -1.08 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.78 -1.15 0.00	29.19 -1.07 0.00	27.84 -0.95 0.00	24.79 -0.71 0.00
SITHE____BATAVIA 24024	28.44 0.24 0.00	28.35 0.33 0.00	29.43 0.26 0.00	27.97 0.10 0.00	27.26 0.38 0.00	26.96 0.40 0.00	30.01 0.58 0.00	28.36 0.44 0.00	21.71 0.42 0.00	21.24 0.45 0.00	21.90 0.19 0.00	22.83 0.29 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.19 0.14 0.00	31.14 -0.06 0.00	26.93 -0.54 0.00	31.08 -0.74 0.00	25.56 -0.85 0.00	26.10 -0.83 0.00	31.16 -0.76 0.00	29.44 -0.81 0.00	27.85 -0.94 0.00	24.88 -0.63 0.00
SITHE____INDEPEND 23800	27.52 -0.68 0.00	27.34 -0.67 0.00	28.46 -0.70 0.00	27.18 -0.69 0.00	26.22 -0.66 0.00	25.85 -0.71 0.00	28.60 -0.84 0.00	27.11 -0.81 0.00	20.72 -0.57 0.00	20.23 -0.56 0.00	21.10 -0.61 0.00	21.91 -0.63 0.00	20.79 -0.60 0.00	24.32 -0.71 0.00	27.21 -0.85 0.00	30.19 -1.01 0.00	26.57 -0.90 0.00	30.74 -1.08 0.00	25.55 -0.86 0.00	26.04 -0.88 0.00	30.79 -1.14 0.00	29.19 -1.07 0.00	27.84 -0.95 0.00	24.79 -0.72 0.00
SITHE____MASSENA 23902	27.33 -0.88 0.00	27.33 -0.68 0.00	28.32 -0.84 0.00	27.14 -0.73 0.00	26.26 -0.62 0.00	26.22 -0.34 0.00	29.39 -0.05 0.00	28.06 0.14 0.00	21.80 0.51 0.00	21.47 0.69 0.00	22.67 0.95 0.00	23.66 1.13 0.00	22.37 0.98 0.00	26.16 1.13 0.00	29.12 1.06 0.00	32.33 1.14 0.00	28.20 0.73 0.00	32.54 0.72 0.00	27.07 0.65 0.00	27.81 0.89 0.00	34.39 2.46 0.00	32.46 2.20 0.00	30.41 1.61 0.00	26.84 1.33 0.00
SITHE____OGDNSBRG 24021	27.77 -0.43 0.00	27.76 -0.25 0.00	28.77 -0.39 0.00	27.57 -0.30 0.00	26.72 -0.16 0.00	26.72 0.16 0.00	29.99 0.55 0.00	28.83 0.91 0.00	23.04 1.74 0.00	22.40 1.62 0.00	23.09 1.38 0.00	24.07 1.53 0.00	22.74 1.35 0.00	26.56 1.54 0.00	29.55 1.49 0.00	32.92 1.72 0.00	28.88 1.40 0.00	33.28 1.46 0.00	27.65 1.23 0.00	28.39 1.46 0.00	35.10 3.17 0.00	33.12 2.86 0.00	30.95 2.16 0.00	27.30 1.79 0.00
SITHE____STERLING 23777	28.94 0.73 0.00	28.73 0.72 0.00	29.94 0.77 0.00	28.64 0.76 0.00	27.69 0.81 0.00	27.44 0.88 0.00	30.54 1.11 0.00	28.99 1.07 0.00	22.05 0.75 0.00	21.40 0.62 0.00	22.29 0.59 0.00	23.13 0.59 0.00	21.91 0.52 0.00	25.63 0.61 0.00	28.79 0.73 0.00	32.16 0.96 0.00	28.53 1.05 0.00	33.05 1.22 0.00	27.41 0.99 0.00	27.92 1.00 0.00	33.13 1.20 0.00	31.31 1.05 0.00	29.68 0.88 0.00	26.20 0.69 0.00
SLEIGHT__34_KV_TB1 80719	28.02 -0.18 0.00	27.89 -0.13 0.00	29.01 -0.16 0.00	27.65 -0.22 0.00	26.82 -0.06 0.00	26.49 -0.07 0.00	29.48 0.05 0.00	27.90 -0.02 0.00	21.33 0.03 0.00	20.86 0.08 0.00	21.67 -0.03 0.00	22.53 -0.01 0.00	21.35 -0.04 0.00	24.95 -0.08 0.00	27.95 -0.11 0.00	31.01 -0.19 0.00	27.08 -0.40 0.00	31.32 -0.51 0.00	25.87 -0.54 0.00	26.37 -0.55 0.00	31.25 -0.68 0.00	29.52 -0.74 0.00	28.02 -0.77 0.00	24.93 -0.58 0.00
SOUTH CAIRO____GT 23612	30.42 2.22 0.00	30.17 2.15 0.00	31.48 2.31 0.00	30.10 2.23 0.00	29.02 2.14 0.00	28.86 2.29 0.00	32.05 2.61 0.00	30.50 2.58 0.00	22.99 1.69 0.00	22.03 1.25 0.00	22.85 1.14 0.00	23.62 1.09 0.00	22.45 1.06 0.00	26.38 1.35 0.00	29.84 1.78 0.00	33.50 2.30 0.00	30.04 2.56 0.00	34.96 3.14 0.00	29.02 2.61 0.00	29.50 2.58 0.00	34.94 3.01 0.00	33.01 2.75 0.00	31.29 2.50 0.00	27.67 2.16 0.00



SOUTH HAMPTN___IC 23720	30.08 1.88 0.00	30.23 2.22 0.00	31.20 2.03 0.00	29.81 1.93 0.00	28.75 1.88 0.00	226.32 1.99 -197.77	244.92 2.27 -213.21	161.18 2.32 -130.93	155.62 1.70 -132.62	37.36 1.82 -14.75	23.73 2.01 -0.01	24.51 1.98 0.00	21.83 1.88 1.44	26.16 2.31 1.17	30.19 2.86 0.73	34.47 3.27 0.00	87.80 3.24 -57.08	105.29 3.55 -69.92	59.53 2.78 -30.34	37.08 2.81 -7.34	41.90 3.49 -6.49	42.66 3.06 -9.33	52.87 3.04 -21.04	31.19 2.49 -3.19
SOUTHDOW_115KV_TB1 355954	29.27 1.07 0.00	29.13 1.11 0.00	30.25 1.09 0.00	28.76 0.89 0.00	28.15 1.27 0.00	27.77 1.21 0.00	30.93 1.49 0.00	29.11 1.18 0.00	22.29 0.99 0.00	21.93 1.15 0.00	22.90 1.19 0.00	23.92 1.39 0.00	22.68 1.29 0.00	26.41 1.38 0.00	29.50 1.45 0.00	32.32 1.12 0.00	27.61 0.13 0.00	31.93 0.11 0.00	26.04 -0.38 0.00	26.60 -0.32 0.00	31.55 -0.38 0.00	29.77 -0.49 0.00	28.00 -0.79 0.00	24.90 -0.62 0.00
SOUTHOLD_69_KV_BK 2 55809	30.40 2.20 0.00	30.55 2.54 0.00	31.53 2.37 0.00	30.12 2.25 0.00	29.07 2.19 0.00	226.56 2.29 -197.71	245.25 2.67 -213.15	161.57 2.75 -130.89	155.86 1.98 -132.58	37.61 2.08 -14.74	23.99 2.27 -0.01	24.77 2.23 0.00	22.07 2.12 1.44	26.45 2.59 1.17	30.53 3.20 0.73	34.89 3.69 0.00	88.18 3.64 -57.07	105.72 4.00 -69.90	59.92 3.17 -30.33	37.47 3.20 -7.34	42.33 3.92 -6.49	43.04 3.45 -9.33	53.20 3.36 -21.04	31.46 2.77 -3.19
SOUTHOLD___IC 23719	30.40 2.20 0.00	30.55 2.54 0.00	31.53 2.37 0.00	30.13 2.25 0.00	29.07 2.19 0.00	226.58 2.30 -197.71	245.24 2.66 -213.15	161.54 2.72 -130.89	155.87 1.99 -132.58	37.62 2.09 -14.74	23.98 2.26 -0.01	24.77 2.23 0.00	22.07 2.12 1.44	26.45 2.59 1.17	30.53 3.20 0.73	34.88 3.69 0.00	88.17 3.62 -57.07	105.74 4.02 -69.90	59.93 3.18 -30.33	37.49 3.22 -7.34	42.36 3.95 -6.49	43.07 3.48 -9.33	53.24 3.41 -21.04	31.50 2.80 -3.19
SOUTH_FORK_WT_PWR 323839	30.48 2.28 0.00	30.63 2.62 0.00	31.62 2.45 0.00	30.21 2.33 0.00	29.15 2.27 0.00	226.66 2.36 -197.74	245.38 2.76 -213.18	161.68 2.84 -130.91	155.95 2.05 -132.60	37.68 2.15 -14.75	24.05 2.33 -0.01	24.84 2.30 0.00	22.13 2.18 1.44	26.52 2.66 1.17	30.61 3.28 0.73	34.98 3.78 0.00	88.26 3.71 -57.07	105.84 4.11 -69.91	60.02 3.27 -30.34	37.58 3.31 -7.34	42.48 4.07 -6.49	43.18 3.59 -9.33	53.34 3.50 -21.04	31.58 2.88 -3.19
SPIERFLS_115KV_TB 1 80737	30.01 1.81 0.00	29.82 1.81 0.00	31.12 1.96 0.00	29.77 1.89 0.00	28.80 1.92 0.00	28.58 2.02 0.00	31.72 2.28 0.00	30.05 2.13 0.00	22.74 1.44 0.00	22.05 1.27 0.00	23.02 1.32 0.00	23.77 1.24 0.00	22.50 1.11 0.00	26.27 1.24 0.00	29.40 1.34 0.00	32.60 1.40 0.00	29.83 1.09 -1.27	33.12 1.30 0.00	27.49 1.08 0.00	27.98 1.06 0.00	33.08 1.15 0.00	31.33 1.07 0.00	30.01 1.22 0.00	26.74 1.22 0.00
ST LAWRENCE___ 23600	26.97 -1.23 0.00	26.98 -1.04 0.00	27.95 -1.21 0.00	26.77 -1.10 0.00	25.91 -0.97 0.00	25.86 -0.71 0.00	28.99 -0.45 0.00	27.73 -0.19 0.00	21.51 0.21 0.00	21.19 0.40 0.00	22.37 0.66 0.00	23.35 0.82 0.00	22.09 0.70 0.00	25.83 0.81 0.00	28.74 0.68 0.00	31.90 0.70 0.00	27.89 0.41 0.00	32.21 0.39 0.00	26.81 0.40 0.00	27.55 0.62 0.00	33.97 2.05 0.00	32.09 1.83 0.00	30.06 1.27 0.00	26.54 1.03 0.00
STATE_CA_115KV_115_LB 55624	28.78 0.57 0.00	28.58 0.57 0.00	29.76 0.60 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.14 0.57 0.00	30.05 0.61 0.00	28.51 0.59 0.00	21.68 0.39 0.00	21.11 0.33 0.00	22.08 0.37 0.00	22.88 0.35 0.00	21.75 0.36 0.00	25.50 0.47 0.00	28.69 0.63 0.00	31.94 0.74 0.00	29.48 0.69 -1.31	32.65 0.82 0.00	27.07 0.66 0.00	27.57 0.64 0.00	32.72 0.79 0.00	31.02 0.76 0.00	29.53 0.73 0.00	26.09 0.58 0.00
STATE_ST_34_KV_LOAD 55959	28.48 0.27 0.00	28.35 0.34 0.00	29.57 0.41 0.00	28.20 0.33 0.00	27.30 0.42 0.00	26.88 0.31 0.00	29.91 0.47 0.00	28.26 0.34 0.00	21.61 0.31 0.00	21.07 0.29 0.00	21.93 0.22 0.00	22.78 0.25 0.00	21.58 0.19 0.00	25.24 0.21 0.00	28.24 0.19 0.00	31.49 0.29 0.00	27.62 0.14 0.00	32.12 0.29 0.00	26.61 0.19 0.00	27.14 0.21 0.00	32.02 0.09 0.00	30.25 -0.01 0.00	28.79 -0.01 0.00	25.51 0.00 0.00
STATION 5_MISC_HYD 23604	28.12 -0.08 0.00	28.01 -0.01 0.00	29.09 -0.07 0.00	27.70 -0.17 0.00	26.92 0.04 0.00	26.56 0.00 0.00	29.51 0.08 0.00	27.92 0.00 0.00	21.38 0.08 0.00	20.94 0.15 0.00	21.71 0.00 0.00	22.61 0.07 0.00	21.43 0.04 0.00	25.03 0.01 0.00	28.00 -0.05 0.00	30.95 -0.24 0.00	26.88 -0.59 0.00	31.01 -0.81 0.00	25.59 -0.82 0.00	26.09 -0.84 0.00	31.02 -0.90 0.00	29.36 -0.90 0.00	27.84 -0.96 0.00	24.82 -0.68 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	28.38 0.17 0.00	28.23 0.21 0.00	29.36 0.20 0.00	28.00 0.12 0.00	27.18 0.30 0.00	26.88 0.32 0.00	29.91 0.48 0.00	28.31 0.39 0.00	21.62 0.32 0.00	21.15 0.37 0.00	21.95 0.24 0.00	22.80 0.27 0.00	21.61 0.21 0.00	25.25 0.22 0.00	28.29 0.23 0.00	31.40 0.21 0.00	27.40 -0.08 0.00	31.69 -0.13 0.00	26.19 -0.22 0.00	26.69 -0.23 0.00	31.63 -0.30 0.00	29.89 -0.37 0.00	28.34 -0.45 0.00	25.20 -0.31 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	27.98 -0.23 0.00	27.85 -0.17 0.00	28.93 -0.23 0.00	27.55 -0.32 0.00	26.76 -0.12 0.00	26.42 -0.14 0.00	29.36 -0.08 0.00	27.78 -0.14 0.00	21.26 -0.04 0.00	20.83 0.05 0.00	21.58 -0.13 0.00	22.49 -0.04 0.00	21.33 -0.06 0.00	24.91 -0.12 0.00	27.87 -0.18 0.00	30.82 -0.37 0.00	26.80 -0.67 0.00	30.93 -0.89 0.00	25.53 -0.88 0.00	26.03 -0.90 0.00	30.92 -1.01 0.00	29.27 -0.99 0.00	27.75 -1.05 0.00	24.74 -0.77 0.00
STA_56___34_KV_BUS2 355983	27.98 -0.23 0.00	27.85 -0.17 0.00	28.93 -0.23 0.00	27.55 -0.32 0.00	26.76 -0.12 0.00	26.42 -0.14 0.00	29.36 -0.08 0.00	27.78 -0.14 0.00	21.26 -0.04 0.00	20.83 0.05 0.00	21.58 -0.13 0.00	22.49 -0.04 0.00	21.33 -0.06 0.00	24.91 -0.12 0.00	27.87 -0.18 0.00	30.82 -0.37 0.00	26.80 -0.67 0.00	30.93 -0.89 0.00	25.53 -0.88 0.00	26.03 -0.90 0.00	30.92 -1.01 0.00	29.27 -0.99 0.00	27.75 -1.05 0.00	24.74 -0.77 0.00
STA_67___115KV_BK2 355882	28.07 -0.14 0.00	27.95 -0.06 0.00	29.04 -0.13 0.00	27.64 -0.23 0.00	26.87 -0.01 0.00	26.51 -0.05 0.00	29.44 0.01 0.00	27.84 -0.08 0.00	21.32 0.02 0.00	20.89 0.11 0.00	21.67 -0.04 0.00	22.56 0.03 0.00	21.38 -0.01 0.00	24.98 -0.05 0.00	27.94 -0.12 0.00	30.88 -0.32 0.00	26.81 -0.67 0.00	30.92 -0.90 0.00	25.52 -0.90 0.00	26.02 -0.91 0.00	30.95 -0.97 0.00	29.30 -0.96 0.00	27.78 -1.01 0.00	24.77 -0.74 0.00
STA_7___115KV_9TRANS 80674	28.24 0.04 0.00	28.12 0.10 0.00	29.20 0.04 0.00	27.81 -0.06 0.00	27.03 0.14 0.00	26.68 0.12 0.00	29.65 0.21 0.00	28.06 0.14 0.00	21.48 0.18 0.00	21.04 0.25 0.00	21.81 0.10 0.00	22.71 0.17 0.00	21.52 0.13 0.00	25.14 0.12 0.00	28.14 0.08 0.00	31.11 -0.09 0.00	27.03 -0.45 0.00	31.20 -0.62 0.00	25.75 -0.66 0.00	26.25 -0.68 0.00	31.21 -0.71 0.00	29.52 -0.73 0.00	27.99 -0.81 0.00	24.94 -0.57 0.00



STA_82___115KV_TB1 80780	28.09 -0.11 0.00	27.98 -0.04 0.00	29.05 -0.11 0.00	27.66 -0.21 0.00	26.88 0.00 0.00	26.53 -0.03 0.00	29.47 0.03 0.00	27.87 -0.05 0.00	21.34 0.04 0.00	20.90 0.12 0.00	21.68 -0.03 0.00	22.57 0.04 0.00	21.39 0.00 0.00	24.99 -0.04 0.00	27.95 -0.10 0.00	30.89 -0.31 0.00	26.83 -0.65 0.00	30.95 -0.87 0.00	25.54 -0.87 0.00	26.04 -0.89 0.00	30.98 -0.95 0.00	29.31 -0.95 0.00	27.79 -1.00 0.00	24.78 -0.73 0.00
STEEL___WIND 323596	28.08 -0.12 0.00	27.98 -0.03 0.00	29.05 -0.11 0.00	27.59 -0.29 0.00	26.94 0.06 0.00	26.56 -0.01 0.00	29.46 0.03 0.00	27.77 -0.15 0.00	21.31 0.02 0.00	20.95 0.17 0.00	21.77 0.06 0.00	22.72 0.18 0.00	21.52 0.12 0.00	25.07 0.04 0.00	28.01 -0.04 0.00	30.72 -0.48 0.00	26.27 -1.21 0.00	30.23 -1.60 0.00	24.79 -1.63 0.00	25.33 -1.59 0.00	30.22 -1.71 0.00	28.59 -1.67 0.00	27.05 -1.75 0.00	24.19 -1.32 0.00
STEPHTWN_115KV_BK_2 55603	28.99 0.78 0.00	28.82 0.80 0.00	29.97 0.80 0.00	28.63 0.76 0.00	27.66 0.78 0.00	27.37 0.81 0.00	30.40 0.97 0.00	28.83 0.91 0.00	21.83 0.54 0.00	21.25 0.47 0.00	22.24 0.53 0.00	23.01 0.48 0.00	21.89 0.50 0.00	25.65 0.62 0.00	28.94 0.88 0.00	32.23 1.04 0.00	29.73 0.94 -1.32	32.98 1.16 0.00	27.37 0.96 0.00	27.90 0.97 0.00	33.10 1.18 0.00	31.35 1.09 0.00	29.80 1.01 0.00	26.28 0.77 0.00
STEBEN_REC_LFGE 323667	28.59 0.39 0.00	28.42 0.40 0.00	29.45 0.28 0.00	28.21 0.34 0.00	27.66 0.78 0.00	27.43 0.87 0.00	30.52 1.08 0.00	28.73 0.81 0.00	21.87 0.57 0.00	21.41 0.62 0.00	22.31 0.60 0.00	23.24 0.71 0.00	22.00 0.61 0.00	25.64 0.62 0.00	28.82 0.77 0.00	31.94 0.75 0.00	27.45 -0.02 0.00	31.57 -0.25 0.00	25.97 -0.44 0.00	26.31 -0.62 0.00	30.89 -1.03 0.00	28.97 -1.29 0.00	27.30 -1.49 0.00	24.13 -1.38 0.00
STILLWATER___SOLAR 323814	29.71 1.51 0.00	29.50 1.48 0.00	30.74 1.58 0.00	29.41 1.53 0.00	28.40 1.52 0.00	28.14 1.58 0.00	31.17 1.74 0.00	29.57 1.65 0.00	22.39 1.09 0.00	21.73 0.94 0.00	22.68 0.97 0.00	23.49 0.95 0.00	22.29 0.90 0.00	26.11 1.09 0.00	29.40 1.34 0.00	32.76 1.56 0.00	30.13 1.36 -1.29	33.43 1.61 0.00	27.74 1.33 0.00	28.24 1.32 0.00	33.46 1.53 0.00	31.71 1.46 0.00	30.22 1.43 0.00	26.78 1.27 0.00
STONY___BROOK 24151	29.61 1.40 0.00	29.65 1.63 0.00	30.61 1.44 0.00	29.21 1.34 0.00	28.17 1.29 0.00	256.13 1.39 -228.18	277.08 1.65 -246.00	180.61 1.62 -151.07	175.56 1.24 -153.02	39.21 1.41 -17.02	23.31 1.59 -0.01	24.09 1.56 0.00	21.50 1.48 1.38	25.75 1.84 1.12	29.64 2.27 0.69	33.78 2.59 0.00	93.43 2.57 -63.39	115.19 2.69 -80.67	63.42 2.00 -35.01	37.40 2.00 -8.47	42.04 2.62 -7.49	43.32 2.29 -10.77	55.41 2.34 -24.28	31.10 1.91 -3.68
STURGEON_POOL_HYD 23609	29.08 0.87 0.00	28.90 0.89 0.00	30.05 0.88 0.00	28.71 0.84 0.00	27.64 0.76 0.00	27.37 0.81 0.00	30.43 0.99 0.00	28.85 0.93 0.00	21.99 0.69 0.00	21.54 0.76 0.00	22.54 0.83 0.00	23.40 0.86 0.00	22.21 0.82 0.00	25.96 0.93 0.00	29.14 1.08 0.00	32.43 1.24 0.00	28.61 1.13 0.00	33.22 1.39 0.00	27.50 1.09 0.00	28.03 1.10 0.00	33.22 1.29 0.00	31.48 1.22 0.00	29.90 1.11 0.00	26.31 0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	29.06 0.86 0.00	28.89 0.88 0.00	30.01 0.84 0.00	28.67 0.80 0.00	27.63 0.75 0.00	27.36 0.79 0.00	30.42 0.98 0.00	28.82 0.90 0.00	21.94 0.64 0.00	21.49 0.70 0.00	22.50 0.79 0.00	23.37 0.84 0.00	22.19 0.80 0.00	25.93 0.90 0.00	29.07 1.01 0.00	32.40 1.20 0.00	21.03 1.07 7.52	33.17 1.35 0.00	27.46 1.05 0.00	28.02 1.09 0.00	33.21 1.28 0.00	31.49 1.23 0.00	29.92 1.13 0.00	26.34 0.83 0.00
SWANROAD_115KV_TB1 355699	27.23 -0.98 0.00	27.18 -0.83 0.00	28.19 -0.97 0.00	26.74 -1.13 0.00	26.09 -0.78 0.00	25.72 -0.85 0.00	28.44 -1.00 0.00	26.77 -1.15 0.00	20.61 -0.69 0.00	20.29 -0.50 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.96 -1.10 0.00	29.49 -1.71 0.00	25.19 -2.29 0.00	28.94 -2.88 0.00	23.77 -2.64 0.00	24.28 -2.65 0.00	29.18 -2.75 0.00	27.67 -2.59 0.00	26.22 -2.57 0.00	23.52 -1.99 0.00
SYNERGY___BIOGAS 323694	28.44 0.24 0.00	28.35 0.33 0.00	29.43 0.26 0.00	27.97 0.10 0.00	27.26 0.38 0.00	26.96 0.40 0.00	30.01 0.58 0.00	28.36 0.44 0.00	21.71 0.42 0.00	21.24 0.45 0.00	21.90 0.19 0.00	22.83 0.29 0.00	21.61 0.22 0.00	25.18 0.15 0.00	28.19 0.14 0.00	31.14 -0.06 0.00	26.93 -0.54 0.00	31.08 -0.74 0.00	25.56 -0.85 0.00	26.10 -0.83 0.00	31.16 -0.76 0.00	29.44 -0.81 0.00	27.85 -0.94 0.00	24.88 -0.63 0.00
SYRACUSE___ENERGY_ST1 323597	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
SYRACUSE___ENERGY_ST2 323598	28.23 0.03 0.00	28.04 0.03 0.00	29.20 0.03 0.00	27.89 0.02 0.00	26.93 0.05 0.00	26.57 0.01 0.00	29.45 0.01 0.00	27.91 -0.01 0.00	21.30 0.00 0.00	20.77 -0.01 0.00	21.67 -0.04 0.00	22.51 -0.03 0.00	21.34 -0.05 0.00	24.98 -0.05 0.00	27.98 -0.08 0.00	31.10 -0.10 0.00	27.36 -0.12 0.00	31.69 -0.13 0.00	26.29 -0.12 0.00	26.80 -0.13 0.00	31.66 -0.27 0.00	29.99 -0.27 0.00	28.57 -0.23 0.00	25.38 -0.13 0.00
SYRACUSE___POWER 24017	28.24 0.04 0.00	28.05 0.03 0.00	29.19 0.03 0.00	27.89 0.02 0.00	26.92 0.04 0.00	26.57 0.00 0.00	29.42 -0.02 0.00	27.90 -0.02 0.00	21.28 -0.02 0.00	20.76 -0.03 0.00	21.66 -0.05 0.00	22.49 -0.05 0.00	21.34 -0.05 0.00	24.96 -0.07 0.00	27.97 -0.09 0.00	31.08 -0.12 0.00	27.36 -0.12 0.00	31.67 -0.16 0.00	26.28 -0.13 0.00	26.78 -0.14 0.00	31.65 -0.27 0.00	30.00 -0.25 0.00	28.58 -0.21 0.00	25.40 -0.11 0.00
TALLMAN__138KV_BK151 55660	29.21 1.00 0.00	29.04 1.03 0.00	30.15 0.98 0.00	28.79 0.92 0.00	27.75 0.87 0.00	27.48 0.91 0.00	30.57 1.13 0.00	28.95 1.03 0.00	22.02 0.72 0.00	21.60 0.82 0.00	22.66 0.95 0.00	23.55 1.02 0.00	22.36 0.97 0.00	26.11 1.09 0.00	29.27 1.22 0.00	32.58 1.38 0.00	17.09 1.20 11.58	33.32 1.50 0.00	27.55 1.14 0.00	28.08 1.16 0.00	33.30 1.37 0.00	31.60 1.35 0.00	30.01 1.22 0.00	26.40 0.89 0.00
TEALLAVE_115KV_TB7 355573	28.07 -0.13 0.00	27.89 -0.12 0.00	29.03 -0.14 0.00	27.73 -0.15 0.00	26.76 -0.12 0.00	26.39 -0.17 0.00	29.20 -0.24 0.00	27.68 -0.24 0.00	21.13 -0.17 0.00	20.64 -0.15 0.00	21.53 -0.18 0.00	22.36 -0.17 0.00	21.21 -0.18 0.00	24.81 -0.22 0.00	27.80 -0.26 0.00	30.87 -0.33 0.00	27.14 -0.34 0.00	31.39 -0.43 0.00	26.06 -0.35 0.00	26.55 -0.37 0.00	31.39 -0.54 0.00	29.77 -0.48 0.00	28.39 -0.41 0.00	25.23 -0.28 0.00



TELGRAPH_34_KV_EAST 80808	27.90 -0.31 0.00	27.82 -0.20 0.00	28.87 -0.29 0.00	27.41 -0.46 0.00	26.73 -0.15 0.00	26.39 -0.17 0.00	29.28 -0.15 0.00	27.61 -0.31 0.00	21.22 -0.08 0.00	20.84 0.05 0.00	21.53 -0.18 0.00	22.46 -0.08 0.00	21.25 -0.14 0.00	24.79 -0.24 0.00	27.69 -0.36 0.00	30.41 -0.79 0.00	26.13 -1.35 0.00	30.07 -1.75 0.00	24.71 -1.70 0.00	25.24 -1.69 0.00	30.23 -1.70 0.00	28.61 -1.65 0.00	27.08 -1.72 0.00	24.23 -1.28 0.00
TEMPLE___115KV_TB 2 55572	28.09 -0.12 0.00	27.90 -0.11 0.00	29.04 -0.12 0.00	27.74 -0.13 0.00	26.77 -0.11 0.00	26.40 -0.16 0.00	29.22 -0.22 0.00	27.70 -0.22 0.00	21.14 -0.16 0.00	20.65 -0.14 0.00	21.54 -0.16 0.00	22.37 -0.16 0.00	21.23 -0.16 0.00	24.83 -0.19 0.00	27.82 -0.23 0.00	30.89 -0.31 0.00	27.16 -0.32 0.00	31.41 -0.41 0.00	26.07 -0.34 0.00	26.57 -0.36 0.00	31.39 -0.53 0.00	29.78 -0.47 0.00	28.40 -0.39 0.00	25.25 -0.27 0.00
TIANA___69_KV_BK 1 55817	29.97 1.77 0.00	30.12 2.10 0.00	31.09 1.92 0.00	29.69 1.81 0.00	28.64 1.76 0.00	226.15 1.87 -197.71	244.74 2.15 -213.15	161.05 2.23 -130.90	155.48 1.60 -132.58	37.25 1.72 -14.75	23.63 1.91 -0.01	24.42 1.88 0.00	21.73 1.78 1.44	26.05 2.20 1.17	30.05 2.73 0.73	34.34 3.14 0.00	87.68 3.14 -57.07	105.11 3.38 -69.90	59.38 2.64 -30.33	36.94 2.67 -7.34	41.72 3.30 -6.49	42.48 2.90 -9.33	52.70 2.87 -21.04	31.04 2.34 -3.19
TILDEN___115KV_TB1 80814	28.24 0.04 0.00	28.05 0.03 0.00	29.19 0.03 0.00	27.89 0.02 0.00	26.92 0.04 0.00	26.57 0.00 0.00	29.42 -0.02 0.00	27.90 -0.02 0.00	21.28 -0.02 0.00	20.76 -0.03 0.00	21.66 -0.05 0.00	22.49 -0.05 0.00	21.34 -0.05 0.00	24.96 -0.07 0.00	27.97 -0.09 0.00	31.08 -0.12 0.00	27.36 -0.12 0.00	31.67 -0.16 0.00	26.28 -0.13 0.00	26.78 -0.14 0.00	31.65 -0.27 0.00	30.00 -0.25 0.00	28.58 -0.21 0.00	25.40 -0.11 0.00
TRIGEN___CC 323695	29.37 1.17 0.00	29.28 1.26 0.00	30.29 1.12 0.00	28.90 1.03 0.00	27.87 0.98 0.00	27.64 1.07 0.00	30.78 1.35 0.00	29.25 1.34 0.00	22.27 0.98 0.00	21.91 1.13 0.00	23.01 1.30 0.00	23.86 1.33 0.00	29.64 1.30 -6.95	32.24 1.57 -5.65	33.47 1.89 -3.53	33.25 2.05 0.00	41.19 2.03 -11.69	34.04 2.21 0.00	28.07 1.66 0.00	28.59 1.66 0.00	34.00 2.07 0.00	32.10 1.84 0.00	30.62 1.83 0.00	26.93 1.42 0.00
TRINITY___115KV___4 BK 55933	28.69 0.49 0.00	28.49 0.48 0.00	29.66 0.50 0.00	28.37 0.50 0.00	27.33 0.45 0.00	27.03 0.47 0.00	29.91 0.47 0.00	28.37 0.45 0.00	21.59 0.29 0.00	21.02 0.24 0.00	21.98 0.27 0.00	22.78 0.24 0.00	21.66 0.27 0.00	25.38 0.36 0.00	28.55 0.50 0.00	31.78 0.58 0.00	29.35 0.55 -1.32	32.49 0.66 0.00	26.94 0.53 0.00	27.44 0.51 0.00	32.58 0.65 0.00	30.89 0.63 0.00	29.41 0.62 0.00	26.00 0.49 0.00
UNION___PROCESSING_DRP 323587	28.10 -0.11 0.00	27.98 -0.03 0.00	29.07 -0.10 0.00	27.67 -0.20 0.00	26.90 0.02 0.00	26.54 -0.03 0.00	29.48 0.04 0.00	27.88 -0.04 0.00	21.35 0.05 0.00	20.91 0.13 0.00	21.68 -0.03 0.00	22.58 0.05 0.00	21.40 0.01 0.00	25.00 -0.03 0.00	27.97 -0.09 0.00	30.91 -0.29 0.00	26.84 -0.64 0.00	30.96 -0.86 0.00	25.55 -0.86 0.00	26.05 -0.88 0.00	30.99 -0.94 0.00	29.33 -0.93 0.00	27.80 -0.99 0.00	24.80 -0.72 0.00
UPPER HUDSON___HYD 24058	30.01 1.81 0.00	29.82 1.81 0.00	31.12 1.96 0.00	29.77 1.89 0.00	28.80 1.92 0.00	28.58 2.02 0.00	31.72 2.28 0.00	30.04 2.13 0.00	22.74 1.44 0.00	22.05 1.27 0.00	23.02 1.32 0.00	23.77 1.24 0.00	22.50 1.11 0.00	26.27 1.24 0.00	29.40 1.34 0.00	32.60 1.40 0.00	29.83 1.08 -1.27	33.12 1.30 0.00	27.50 1.08 0.00	27.99 1.06 0.00	33.08 1.16 0.00	31.33 1.07 0.00	30.01 1.21 0.00	26.73 1.22 0.00
UPPER RAQUET___HYD 24056	27.45 -0.76 0.00	27.41 -0.61 0.00	28.43 -0.73 0.00	27.27 -0.60 0.00	26.42 -0.46 0.00	26.37 -0.19 0.00	29.52 0.09 0.00	28.45 0.53 0.00	22.24 0.94 0.00	21.80 1.02 0.00	22.85 1.14 0.00	23.81 1.28 0.00	22.49 1.10 0.00	26.26 1.23 0.00	29.25 1.20 0.00	32.61 1.41 0.00	28.53 1.05 0.00	32.72 0.90 0.00	27.18 0.77 0.00	27.91 0.98 0.00	34.47 2.55 0.00	32.52 2.26 0.00	30.43 1.64 0.00	26.83 1.32 0.00
VALLEY44_115KV_TB2 355964	28.75 0.55 0.00	28.58 0.57 0.00	29.72 0.55 0.00	28.28 0.41 0.00	27.62 0.74 0.00	27.18 0.62 0.00	30.09 0.65 0.00	28.37 0.45 0.00	21.66 0.36 0.00	21.27 0.49 0.00	22.28 0.57 0.00	23.28 0.75 0.00	22.09 0.70 0.00	25.73 0.71 0.00	28.76 0.71 0.00	31.69 0.49 0.00	27.11 -0.36 0.00	31.27 -0.55 0.00	25.59 -0.82 0.00	26.16 -0.77 0.00	31.11 -0.82 0.00	29.51 -0.75 0.00	28.02 -0.77 0.00	24.94 -0.57 0.00
VALLEY___115KV_TB 1-4 80826	28.48 0.28 0.00	28.21 0.19 0.00	29.41 0.25 0.00	28.10 0.22 0.00	27.18 0.30 0.00	26.99 0.43 0.00	30.01 0.57 0.00	28.53 0.61 0.00	21.61 0.31 0.00	20.92 0.14 0.00	21.81 0.10 0.00	22.60 0.07 0.00	21.45 0.06 0.00	25.13 0.11 0.00	28.28 0.23 0.00	31.68 0.48 0.00	28.09 0.61 0.00	32.61 0.79 0.00	27.07 0.66 0.00	27.61 0.68 0.00	32.67 0.73 0.00	30.73 0.47 0.00	29.16 0.37 0.00	25.78 0.27 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	29.46 1.25 0.00	29.28 1.26 0.00	30.53 1.37 0.00	29.15 1.28 0.00	28.02 1.14 0.00	27.83 1.27 0.00	30.92 1.48 0.00	29.31 1.39 0.00	22.32 1.02 0.00	21.78 0.99 0.00	22.75 1.04 0.00	23.59 1.06 0.00	22.38 0.99 0.00	26.15 1.12 0.00	29.32 1.26 0.00	32.71 1.51 0.00	28.81 1.34 0.00	33.45 1.62 0.00	27.73 1.32 0.00	28.30 1.37 0.00	33.52 1.59 0.00	31.71 1.46 0.00	30.09 1.30 0.00	26.57 1.06 0.00
VISCHER___FERRY HYD 24020	29.31 1.11 0.00	29.09 1.07 0.00	30.29 1.12 0.00	28.96 1.09 0.00	27.94 1.06 0.00	27.64 1.07 0.00	30.57 1.13 0.00	28.98 1.06 0.00	21.99 0.69 0.00	21.38 0.59 0.00	22.34 0.63 0.00	23.14 0.60 0.00	22.00 0.61 0.00	25.81 0.78 0.00	29.05 0.99 0.00	32.36 1.16 0.00	29.84 1.02 -1.34	33.03 1.21 0.00	27.42 1.01 0.00	27.91 0.98 0.00	33.14 1.21 0.00	31.45 1.19 0.00	29.94 1.14 0.00	26.49 0.99 0.00
V_A_10_SYNC_DSASP 323832	27.65 -0.55 0.00	27.58 -0.44 0.00	28.63 -0.54 0.00	27.21 -0.67 0.00	26.49 -0.39 0.00	26.09 -0.47 0.00	28.90 -0.54 0.00	27.27 -0.65 0.00	20.94 -0.36 0.00	20.58 -0.20 0.00	21.32 -0.39 0.00	22.23 -0.31 0.00	21.08 -0.31 0.00	24.61 -0.42 0.00	27.48 -0.58 0.00	30.18 -1.02 0.00	25.96 -1.52 0.00	29.85 -1.97 0.00	24.56 -1.85 0.00	25.07 -1.86 0.00	29.95 -1.98 0.00	28.39 -1.87 0.00	26.92 -1.87 0.00	24.08 -1.43 0.00
V_CMM_10_SYNC_DSASP 323787	27.10 -1.10 0.00	27.11 -0.90 0.00	28.09 -1.08 0.00	26.91 -0.96 0.00	26.04 -0.84 0.00	25.99 -0.57 0.00	29.13 -0.30 0.00	27.87 -0.05 0.00	21.61 0.31 0.00	21.29 0.51 0.00	22.48 0.77 0.00	23.46 0.93 0.00	22.19 0.80 0.00	25.96 0.93 0.00	28.88 0.82 0.00	32.06 0.86 0.00	28.03 0.55 0.00	32.37 0.55 0.00	26.93 0.52 0.00	27.69 0.76 0.00	34.13 2.20 0.00	32.22 1.96 0.00	30.19 1.40 0.00	26.66 1.15 0.00



V_CMP_10_SYNC_DSASP 323788	27.64 -0.56 0.00	27.56 -0.46 0.00	28.58 -0.59 0.00	27.50 -0.37 0.00	26.73 -0.14 0.00	26.78 0.21 0.00	30.02 0.58 0.00	28.68 0.76 0.00	22.25 0.95 0.00	21.86 1.08 0.00	23.18 1.47 0.00	24.15 1.62 0.00	22.86 1.47 0.00	26.74 1.71 0.00	29.65 1.60 0.00	33.07 1.87 0.00	29.01 1.53 0.00	33.49 1.67 0.00	27.95 1.54 0.00	28.78 1.85 0.00	35.37 3.44 0.00	33.39 3.13 0.00	31.36 2.57 0.00	27.67 2.17 0.00
V_D_10_SYNC_DSASP 323841	27.20 -1.00 0.00	27.16 -0.85 0.00	28.18 -0.99 0.00	26.73 -1.14 0.00	26.07 -0.81 0.00	25.66 -0.90 0.00	28.39 -1.05 0.00	26.72 -1.20 0.00	20.59 -0.71 0.00	20.28 -0.51 0.00	20.96 -0.75 0.00	21.88 -0.65 0.00	20.71 -0.68 0.00	24.16 -0.87 0.00	26.95 -1.10 0.00	29.31 -1.88 0.00	24.99 -2.49 0.00	28.68 -3.14 0.00	23.56 -2.85 0.00	24.07 -2.85 0.00	28.95 -2.98 0.00	27.46 -2.80 0.00	26.03 -2.76 0.00	23.36 -2.15 0.00
V_E_10_SYNC_DSASP 323830	30.59 2.38 0.00	30.29 2.27 0.00	31.74 2.57 0.00	30.36 2.48 0.00	29.40 2.52 0.00	29.28 2.71 0.00	32.79 3.36 0.00	31.16 3.24 0.00	23.48 2.18 0.00	22.63 1.85 0.00	23.44 1.73 0.00	24.30 1.77 0.00	23.04 1.65 0.00	26.94 1.91 0.00	30.37 2.31 0.00	34.27 3.08 0.00	30.58 3.10 0.00	35.57 3.75 0.00	29.46 3.05 0.00	30.03 3.10 0.00	35.46 3.53 0.00	33.40 3.14 0.00	31.48 2.69 0.00	27.52 2.01 0.00
V_F_30_NSYNC___DSASP 323816	29.74 1.54 0.00	29.53 1.51 0.00	30.78 1.62 0.00	29.43 1.56 0.00	28.43 1.55 0.00	28.17 1.61 0.00	31.22 1.78 0.00	29.61 1.69 0.00	22.43 1.13 0.00	21.77 0.99 0.00	22.73 1.02 0.00	23.53 1.00 0.00	22.34 0.95 0.00	26.16 1.14 0.00	29.44 1.38 0.00	32.80 1.60 0.00	30.15 1.40 -1.28	33.47 1.65 0.00	27.78 1.37 0.00	28.28 1.35 0.00	33.51 1.58 0.00	31.75 1.50 0.00	30.25 1.46 0.00	26.80 1.29 0.00
V_F_30_SYNC_DSASP 323786	28.78 0.57 0.00	28.58 0.57 0.00	29.76 0.60 0.00	28.46 0.59 0.00	27.42 0.54 0.00	27.14 0.57 0.00	30.05 0.61 0.00	28.51 0.59 0.00	21.68 0.39 0.00	21.11 0.33 0.00	22.08 0.37 0.00	22.88 0.35 0.00	21.75 0.36 0.00	25.49 0.47 0.00	28.68 0.63 0.00	31.93 0.74 0.00	29.48 0.69 -1.31	32.65 0.82 0.00	27.07 0.66 0.00	27.57 0.64 0.00	32.72 0.79 0.00	31.02 0.76 0.00	29.52 0.73 0.00	26.09 0.58 0.00
V_XM_10_SYNC_DSASP 323789	27.64 -0.56 0.00	27.56 -0.46 0.00	28.58 -0.59 0.00	27.50 -0.37 0.00	26.73 -0.14 0.00	26.78 0.21 0.00	30.02 0.58 0.00	28.68 0.76 0.00	22.25 0.95 0.00	21.86 1.08 0.00	23.18 1.47 0.00	24.15 1.62 0.00	22.86 1.47 0.00	26.74 1.71 0.00	29.65 1.60 0.00	33.07 1.87 0.00	29.01 1.53 0.00	33.49 1.67 0.00	27.95 1.54 0.00	28.78 1.85 0.00	35.37 3.44 0.00	33.39 3.13 0.00	31.36 2.57 0.00	27.67 2.17 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	29.45 1.24 0.00	29.27 1.25 0.00	30.38 1.22 0.00	29.02 1.15 0.00	27.98 1.10 0.00	27.71 1.15 0.00	30.85 1.41 0.00	29.20 1.28 0.00	22.21 0.91 0.00	21.79 1.01 0.00	22.88 1.17 0.00	23.76 1.23 0.00	22.57 1.18 0.00	26.37 1.35 0.00	29.58 1.52 0.00	32.89 1.69 0.00	14.77 1.47 14.18	33.62 1.79 0.00	27.76 1.35 0.00	28.26 1.33 0.00	33.49 1.57 0.00	31.79 1.53 0.00	30.13 1.33 0.00	26.49 0.98 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	29.37 1.16 0.00	29.18 1.17 0.00	30.27 1.11 0.00	28.91 1.04 0.00	27.88 1.00 0.00	27.58 1.01 0.00	30.77 1.34 0.00	29.18 1.26 0.00	22.25 0.95 0.00	21.84 1.06 0.00	22.90 1.19 0.00	23.78 1.25 0.00	22.59 1.20 0.00	26.38 1.35 0.00	29.58 1.52 0.00	32.93 1.74 0.00	35.87 1.57 -6.83	33.71 1.89 0.00	27.86 1.45 0.00	28.38 1.46 0.00	33.65 1.72 0.00	31.88 1.62 0.00	30.26 1.46 0.00	26.59 1.08 0.00
W50THST__13_KV_LOAD 356117	29.59 1.39 0.00	29.40 1.38 0.00	30.49 1.33 0.00	29.12 1.25 0.00	28.08 1.21 0.00	27.79 1.23 0.00	31.03 1.59 0.00	29.44 1.52 0.00	22.47 1.17 0.00	22.08 1.29 0.00	23.15 1.44 0.00	24.05 1.51 0.00	22.85 1.46 0.00	26.66 1.64 0.00	29.90 1.84 0.00	33.29 2.09 0.00	36.17 1.86 -6.83	34.06 2.23 0.00	28.13 1.72 0.00	28.64 1.71 0.00	33.95 2.02 0.00	32.15 1.89 0.00	30.50 1.70 0.00	26.78 1.27 0.00
WADING RIVER_IC_1 23522	29.62 1.41 0.00	29.82 1.80 0.00	30.77 1.60 0.00	29.38 1.51 0.00	28.34 1.46 0.00	226.59 1.56 -198.47	245.14 1.74 -213.97	161.12 1.81 -131.40	155.72 1.34 -133.09	37.06 1.47 -14.80	23.38 1.66 -0.01	24.16 1.63 0.00	21.48 1.54 1.45	25.77 1.92 1.18	29.71 2.39 0.73	33.93 2.73 0.00	87.44 2.74 -57.23	104.90 2.91 -70.17	59.12 2.26 -30.45	36.59 2.29 -7.37	41.33 2.89 -6.51	42.15 2.52 -9.37	52.47 2.56 -21.12	30.78 2.08 -3.20
WADING RIVER_IC_2 23547	29.62 1.41 0.00	29.82 1.80 0.00	30.77 1.60 0.00	29.38 1.51 0.00	28.34 1.46 0.00	226.59 1.56 -198.47	245.14 1.74 -213.97	161.12 1.81 -131.40	155.72 1.34 -133.09	37.06 1.47 -14.80	23.38 1.66 -0.01	24.16 1.63 0.00	21.48 1.54 1.45	25.77 1.92 1.18	29.71 2.39 0.73	33.93 2.73 0.00	87.44 2.74 -57.23	104.90 2.91 -70.17	59.12 2.26 -30.45	36.59 2.29 -7.37	41.33 2.89 -6.51	42.15 2.52 -9.37	52.47 2.56 -21.12	30.78 2.08 -3.20
WADING RIVER_IC_3 23601	29.62 1.41 0.00	29.82 1.80 0.00	30.77 1.60 0.00	29.38 1.51 0.00	28.34 1.46 0.00	226.59 1.56 -198.47	245.14 1.74 -213.97	161.12 1.81 -131.40	155.72 1.34 -133.09	37.06 1.47 -14.80	23.38 1.66 -0.01	24.16 1.63 0.00	21.48 1.54 1.45	25.77 1.92 1.18	29.71 2.39 0.73	33.93 2.73 0.00	87.44 2.74 -57.23	104.90 2.91 -70.17	59.12 2.26 -30.45	36.59 2.29 -7.37	41.33 2.89 -6.51	42.15 2.52 -9.37	52.47 2.56 -21.12	30.78 2.08 -3.20
WALDENNY_12_KV_BK2 80841	28.07 -0.13 0.00	27.98 -0.03 0.00	29.04 -0.12 0.00	27.58 -0.30 0.00	26.92 0.04 0.00	26.54 -0.02 0.00	29.44 0.01 0.00	27.75 -0.17 0.00	21.31 0.02 0.00	20.97 0.18 0.00	21.78 0.07 0.00	22.73 0.20 0.00	21.52 0.13 0.00	25.10 0.07 0.00	28.04 -0.02 0.00	30.72 -0.48 0.00	26.25 -1.23 0.00	30.24 -1.59 0.00	24.80 -1.61 0.00	25.34 -1.59 0.00	30.26 -1.67 0.00	28.63 -1.63 0.00	27.08 -1.71 0.00	24.22 -1.29 0.00
WALDEN___HYDRO 24148	29.33 1.13 0.00	29.14 1.12 0.00	30.28 1.11 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.64 1.08 0.00	30.75 1.31 0.00	29.15 1.23 0.00	22.18 0.88 0.00	21.65 0.86 0.00	22.63 0.92 0.00	23.49 0.95 0.00	22.29 0.90 0.00	26.06 1.03 0.00	29.25 1.19 0.00	32.66 1.46 0.00	26.62 1.40 2.25	33.58 1.76 0.00	27.81 1.39 0.00	28.36 1.43 0.00	33.61 1.68 0.00	31.85 1.59 0.00	30.23 1.43 0.00	26.59 1.07 0.00
WARRENSBURG____ 23737	30.01 1.81 0.00	29.82 1.81 0.00	31.12 1.96 0.00	29.77 1.89 0.00	28.80 1.92 0.00	28.58 2.02 0.00	31.72 2.28 0.00	30.04 2.13 0.00	22.74 1.44 0.00	22.05 1.27 0.00	23.02 1.32 0.00	23.77 1.24 0.00	22.50 1.11 0.00	26.27 1.24 0.00	29.40 1.34 0.00	32.60 1.40 0.00	29.83 1.08 -1.27	33.12 1.30 0.00	27.50 1.08 0.00	27.99 1.06 0.00	33.08 1.16 0.00	31.33 1.07 0.00	30.01 1.21 0.00	26.73 1.22 0.00



WATERSIDE___6 8 9 23538	29.38 1.18 0.00	29.23 1.21 0.00	30.31 1.14 0.00	28.95 1.08 0.00	27.92 1.04 0.00	27.62 1.05 0.00	30.83 1.39 0.00	29.25 1.33 0.00	22.31 1.01 0.00	21.89 1.11 0.00	22.95 1.24 0.00	23.83 1.30 0.00	22.66 1.27 0.00	26.43 1.40 0.00	29.65 1.59 0.00	33.00 1.80 0.00	35.89 1.62 -6.79	33.79 1.97 0.00	27.92 1.51 0.00	28.45 1.53 0.00	33.73 1.80 0.00	31.94 1.68 0.00	30.31 1.52 0.00	26.63 1.12 0.00
WATKINRD_115KV_LN8_ILLION 55919	28.43 0.22 0.00	28.19 0.18 0.00	29.38 0.21 0.00	28.09 0.21 0.00	27.12 0.24 0.00	26.88 0.32 0.00	29.86 0.43 0.00	28.36 0.44 0.00	21.52 0.23 0.00	20.87 0.09 0.00	21.77 0.06 0.00	22.57 0.04 0.00	21.43 0.04 0.00	25.09 0.07 0.00	28.22 0.16 0.00	31.54 0.34 0.00	27.93 0.46 0.00	32.42 0.60 0.00	26.92 0.51 0.00	27.44 0.52 0.00	32.52 0.60 0.00	30.71 0.45 0.00	29.17 0.37 0.00	25.77 0.27 0.00
WATSON___69_KV_BK 1 55734	30.00 1.79 0.00	29.98 1.97 0.00	30.97 1.81 0.00	29.54 1.67 0.00	28.51 1.64 0.00	96.96 1.66 -68.73	105.68 2.14 -74.10	75.58 2.16 -45.51	68.82 1.43 -46.09	27.42 1.51 -5.13	23.50 1.78 0.00	24.32 1.78 0.00	22.25 1.70 0.84	26.47 2.13 0.69	30.21 2.58 0.43	34.18 2.99 0.00	60.44 2.99 -29.97	59.38 3.26 -24.30	39.35 2.40 -10.55	32.04 2.56 -2.55	37.25 3.07 -2.25	36.16 2.66 -3.24	38.73 2.63 -7.31	28.77 2.15 -1.11
WDELAWARE___HYD 323627	29.05 0.85 0.00	28.85 0.83 0.00	29.83 0.67 0.00	28.50 0.63 0.00	27.47 0.59 0.00	27.24 0.68 0.00	30.36 0.93 0.00	28.81 0.89 0.00	21.90 0.60 0.00	21.37 0.58 0.00	22.31 0.59 0.00	23.02 0.49 0.00	21.33 -0.06 0.00	24.97 -0.05 0.00	28.04 -0.01 0.00	31.37 0.17 0.00	26.16 0.33 1.65	32.38 0.56 0.00	26.81 0.40 0.00	27.43 0.51 0.00	33.26 1.33 0.00	31.50 1.24 0.00	29.88 1.09 0.00	26.28 0.77 0.00
WEST BABYLON___IC 23714	29.83 1.63 0.00	29.80 1.79 0.00	30.78 1.62 0.00	29.36 1.49 0.00	28.33 1.45 0.00	43.65 1.52 -15.57	48.16 1.93 -16.79	40.18 1.95 -10.31	33.08 1.34 -10.44	23.39 1.45 -1.16	23.38 1.67 0.00	24.21 1.67 0.00	22.99 1.60 0.00	27.01 1.98 0.00	30.48 2.42 0.00	33.95 2.75 0.00	48.75 2.78 -18.50	40.34 3.01 -5.51	31.06 2.26 -2.39	29.85 2.34 -0.58	35.31 2.87 -0.51	33.50 2.50 -0.73	32.93 2.47 -1.66	27.76 1.99 -0.25
WEST CANADA___HYD 24049	28.20 0.00 0.00	28.01 0.00 0.00	29.17 0.00 0.00	27.88 0.01 0.00	26.89 0.02 0.00	26.60 0.04 0.00	29.52 0.08 0.00	28.01 0.09 0.00	21.36 0.07 0.00	20.83 0.05 0.00	21.77 0.06 0.00	22.59 0.06 0.00	21.44 0.05 0.00	25.08 0.06 0.00	28.12 0.07 0.00	31.30 0.10 0.00	27.60 0.12 0.00	31.98 0.16 0.00	26.55 0.13 0.00	27.06 0.14 0.00	32.14 0.21 0.00	30.44 0.18 0.00	28.94 0.15 0.00	25.62 0.10 0.00
WESTERN_NY_WIND 24143	28.41 0.20 0.00	28.31 0.30 0.00	29.39 0.22 0.00	27.93 0.05 0.00	27.23 0.35 0.00	26.93 0.36 0.00	29.96 0.53 0.00	28.30 0.39 0.00	21.67 0.37 0.00	21.21 0.42 0.00	21.87 0.16 0.00	22.79 0.26 0.00	21.58 0.18 0.00	25.15 0.12 0.00	28.17 0.11 0.00	31.09 -0.11 0.00	26.87 -0.61 0.00	31.01 -0.82 0.00	25.50 -0.91 0.00	26.03 -0.89 0.00	31.11 -0.82 0.00	29.39 -0.87 0.00	27.79 -1.00 0.00	24.83 -0.68 0.00
WESTOVER___LESR 323668	28.65 0.44 0.00	28.45 0.43 0.00	29.64 0.47 0.00	28.30 0.42 0.00	27.33 0.45 0.00	27.02 0.46 0.00	29.97 0.54 0.00	28.41 0.49 0.00	21.63 0.33 0.00	21.10 0.32 0.00	22.04 0.33 0.00	22.89 0.36 0.00	21.71 0.33 0.00	25.38 0.35 0.00	28.48 0.42 0.00	31.69 0.49 0.00	27.81 0.33 0.00	32.24 0.41 0.00	26.68 0.27 0.00	27.22 0.30 0.00	32.20 0.27 0.00	30.49 0.23 0.00	28.98 0.19 0.00	25.66 0.15 0.00
WETHRSFD_WT_PWR 323626	28.02 -0.19 0.00	27.89 -0.12 0.00	28.99 -0.18 0.00	27.58 -0.30 0.00	26.94 0.06 0.00	26.58 0.02 0.00	29.50 0.06 0.00	27.78 -0.14 0.00	21.25 -0.05 0.00	20.88 0.10 0.00	21.75 0.04 0.00	22.69 0.16 0.00	21.49 0.09 0.00	25.03 0.01 0.00	28.04 -0.01 0.00	30.83 -0.37 0.00	26.39 -1.09 0.00	30.32 -1.51 0.00	24.83 -1.58 0.00	25.29 -1.63 0.00	30.01 -1.92 0.00	28.24 -2.02 0.00	26.75 -2.05 0.00	23.85 -1.66 0.00
WHAVSTOR_138KV_BK127 55557	29.35 1.14 0.00	29.17 1.16 0.00	30.28 1.11 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.60 1.03 0.00	30.72 1.28 0.00	29.07 1.15 0.00	22.11 0.81 0.00	21.71 0.92 0.00	22.80 1.09 0.00	23.68 1.15 0.00	22.50 1.11 0.00	26.28 1.26 0.00	29.47 1.42 0.00	32.74 1.54 0.00	13.56 1.32 15.24	33.44 1.62 0.00	27.59 1.18 0.00	28.06 1.13 0.00	33.26 1.34 0.00	31.57 1.31 0.00	29.97 1.18 0.00	26.38 0.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	29.35 1.14 0.00	29.17 1.16 0.00	30.28 1.11 0.00	28.93 1.06 0.00	27.89 1.01 0.00	27.60 1.03 0.00	30.72 1.28 0.00	29.07 1.15 0.00	22.11 0.81 0.00	21.71 0.92 0.00	22.80 1.09 0.00	23.68 1.15 0.00	22.50 1.11 0.00	26.28 1.26 0.00	29.47 1.42 0.00	32.74 1.54 0.00	13.56 1.32 15.24	33.44 1.62 0.00	27.59 1.18 0.00	28.06 1.13 0.00	33.26 1.34 0.00	31.57 1.31 0.00	29.97 1.18 0.00	26.38 0.86 0.00
WHITEHAL_115KV_TB1 80871	30.36 2.16 0.00	30.16 2.14 0.00	31.56 2.40 0.00	30.25 2.38 0.00	29.46 2.58 0.00	29.27 2.70 0.00	32.41 2.97 0.00	30.72 2.80 0.00	23.20 1.90 0.00	22.40 1.62 0.00	23.44 1.74 0.00	24.23 1.70 0.00	23.05 1.66 0.00	27.21 2.18 0.00	30.65 2.59 0.00	34.11 2.92 0.00	31.12 2.37 -1.27	34.31 2.48 0.00	28.57 2.16 0.00	29.19 2.27 0.00	34.25 2.32 0.00	32.40 2.14 0.00	30.84 2.04 0.00	27.54 2.03 0.00
WHITEPLN_13_KV_LOAD 356215	29.54 1.33 0.00	29.36 1.34 0.00	30.46 1.30 0.00	29.10 1.23 0.00	28.06 1.19 0.00	27.80 1.23 0.00	30.98 1.54 0.00	29.40 1.48 0.00	22.40 1.10 0.00	21.96 1.18 0.00	23.03 1.32 0.00	23.91 1.38 0.00	22.72 1.33 0.00	26.54 1.51 0.00	29.77 1.72 0.00	33.16 1.96 0.00	36.52 1.76 -7.28	33.96 2.13 0.00	28.06 1.65 0.00	28.58 1.65 0.00	33.87 1.94 0.00	32.09 1.83 0.00	30.45 1.66 0.00	26.76 1.25 0.00
WM_FLOYD_69_KV_BK2 356380	29.68 1.48 0.00	29.79 1.78 0.00	30.75 1.58 0.00	29.36 1.49 0.00	28.31 1.43 0.00	223.70 1.53 -195.60	242.08 1.76 -210.88	159.25 1.83 -129.50	153.77 1.30 -131.17	36.81 1.44 -14.59	23.35 1.63 -0.01	24.13 1.59 0.00	21.49 1.51 1.41	25.77 1.89 1.15	29.70 2.36 0.71	33.91 2.71 0.00	86.84 2.75 -56.62	103.89 2.92 -69.15	58.64 2.22 -30.01	36.43 2.24 -7.26	41.16 2.82 -6.42	41.94 2.45 -9.23	52.08 2.48 -20.81	30.68 2.02 -3.15
WOODARD__115KV_TB2 355635	28.00 -0.20 0.00	27.81 -0.20 0.00	28.96 -0.21 0.00	27.66 -0.21 0.00	26.69 -0.19 0.00	26.33 -0.23 0.00	29.14 -0.29 0.00	27.63 -0.28 0.00	21.09 -0.20 0.00	20.59 -0.19 0.00	21.48 -0.23 0.00	22.30 -0.23 0.00	21.17 -0.22 0.00	24.76 -0.27 0.00	27.73 -0.33 0.00	30.79 -0.40 0.00	27.10 -0.38 0.00	31.35 -0.47 0.00	26.02 -0.39 0.00	26.52 -0.40 0.00	31.35 -0.58 0.00	29.72 -0.54 0.00	28.33 -0.46 0.00	25.19 -0.32 0.00



