

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

12/15/2023

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	43.70	54.84	25.82	20.46	20.55	22.65	27.13	30.82	29.71	25.88	25.26	23.41	21.19	19.46	24.32	27.60	29.84	35.09	35.52	27.82	30.48	28.02	28.23	27.42
24138	3.61	4.45	2.01	1.52	1.57	1.73	2.16	2.71	2.43	2.13	2.07	1.91	1.68	1.49	1.69	2.01	2.29	3.10	2.71	2.08	2.16	1.97	1.74	1.55
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	43.58	54.69	25.77	20.41	20.50	22.59	27.06	30.73	29.64	25.82	25.21	23.36	21.17	19.44	24.30	27.58	29.82	35.05	35.50	27.82	30.47	28.02	28.21	27.40
24260	3.49	4.31	1.95	1.47	1.52	1.67	2.10	2.63	2.36	2.07	2.02	1.86	1.65	1.47	1.67	2.00	2.27	3.07	2.69	2.07	2.15	1.97	1.72	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	43.58	54.69	25.77	20.41	20.50	22.59	27.06	30.73	29.64	25.82	25.21	23.36	21.17	19.44	24.30	27.58	29.82	35.05	35.50	27.82	30.47	28.02	28.21	27.40
24261	3.49	4.31	1.95	1.47	1.52	1.67	2.10	2.63	2.36	2.07	2.02	1.86	1.65	1.47	1.67	2.00	2.27	3.07	2.69	2.07	2.15	1.97	1.72	1.53
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.02	0.00	-0.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	41.72	52.33	24.75	19.70	19.80	21.91	26.24	29.61	28.39	24.88	24.24	22.35	20.23	18.67	22.73	27.00	29.20	34.27	34.86	27.20	29.85	27.47	27.71	27.12
24011	1.64	1.94	0.93	0.76	0.82	0.99	1.27	1.50	1.11	1.12	1.05	0.85	0.73	0.70	1.03	1.42	1.65	2.29	2.05	1.46	1.53	1.43	1.23	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	41.84	52.46	24.82	19.79	19.88	22.01	26.40	29.77	28.52	24.98	24.33	22.43	20.31	18.74	22.87	27.22	29.46	34.59	35.14	27.37	29.97	27.57	27.80	27.25
23798	1.76	2.08	1.00	0.84	0.90	1.08	1.44	1.67	1.24	1.23	1.14	0.93	0.81	0.77	1.17	1.64	1.92	2.61	2.33	1.63	1.65	1.52	1.32	1.38
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	41.72	52.33	24.75	19.70	19.80	21.91	26.24	29.61	28.39	24.88	24.24	22.35	20.23	18.67	22.73	27.00	29.20	34.27	34.86	27.20	29.85	27.47	27.71	27.12
24028	1.64	1.94	0.93	0.76	0.82	0.99	1.27	1.50	1.11	1.12	1.05	0.85	0.73	0.70	1.03	1.42	1.65	2.29	2.05	1.46	1.53	1.43	1.23	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	42.04	52.57	24.83	19.73	19.81	21.87	26.17	29.63	28.51	24.69	24.13	22.32	20.16	18.55	22.75	26.68	28.57	33.60	34.29	26.80	29.68	27.22	27.33	26.56
23527	1.95	2.19	1.01	0.79	0.83	0.96	1.21	1.53	1.23	0.94	0.95	0.81	0.66	0.58	0.89	1.10	1.02	1.62	1.49	1.06	1.36	1.17	0.84	0.69
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.16	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	40.58	50.95	24.21	19.32	19.39	21.35	25.33	28.62	27.70	24.03	23.39	21.80	19.77	18.21	21.97	25.84	27.87	32.64	33.24	26.05	28.65	26.32	26.56	25.84
24190	0.49	0.57	0.40	0.38	0.41	0.43	0.37	0.51	0.42	0.28	0.21	0.30	0.27	0.23	0.27	0.26	0.32	0.66	0.43	0.31	0.33	0.27	0.07	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	40.10	50.43	23.83	18.94	18.93	20.79	18.22	27.88	27.23	23.84	23.13	21.43	19.45	17.95	21.70	25.62	27.48	31.44	32.62	25.62	28.28	26.02	26.56	26.14
355683	0.02	0.04	0.01	0.00	-0.05	-0.13	-0.18	-0.22	-0.05	0.09	-0.06	-0.07	-0.05	-0.02	0.00	0.03	-0.07	-0.54	-0.19	-0.12	-0.04	-0.03	0.08	0.28
	0.00	0.00	0.00	0.00	0.00	0.00	6.56	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	41.43	52.06	24.67	19.66	19.70	21.72	25.86	29.16	28.20	24.41	23.78	22.13	20.06	18.49	22.37	26.40	28.49	33.35	33.99	26.63	29.31	26.91	27.18	26.46
323833	1.34	1.67	0.85	0.72	0.72	0.80	0.89	1.05	0.92	0.66	0.59	0.62	0.56	0.51	0.67	0.81	0.94	1.37	1.18	0.89	0.99	0.86	0.70	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	41.42	52.04	24.67	19.65	19.70	21.72	25.85	29.15	28.19	24.40	23.77	22.12	20.06	18.48	22.37	26.38	28.48	33.35	33.98	26.62	29.30	26.91	27.18	26.45
323834	1.34	1.65	0.85	0.71	0.72	0.79	0.89	1.04	0.91	0.65	0.58	0.62	0.56	0.51	0.67	0.80	0.93	1.37	1.17	0.88	0.98	0.86	0.70	0.58
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	40.58	50.95	24.21	19.32	19.39	21.35	25.33	28.62	27.70	24.03	23.39	21.80	19.77	18.21	21.97	25.84	27.87	32.64	33.24	26.05	28.65	26.32	26.56	25.84
23571	0.49	0.57	0.40	0.38	0.41	0.43	0.37	0.51	0.42	0.28	0.21	0.30	0.27	0.23	0.27	0.26	0.32	0.66	0.43	0.31	0.33	0.27	0.07	-0.04
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	40.58 0.49 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.33 0.37 0.00	28.62 0.51 0.00	27.70 0.42 0.00	24.03 0.28 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.27 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.84 -0.04 0.00
ALBANY___3 23573	40.58 0.49 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.33 0.37 0.00	28.62 0.51 0.00	27.70 0.42 0.00	24.03 0.28 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.27 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.84 -0.04 0.00
ALBANY___4 23574	40.58 0.49 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.33 0.37 0.00	28.62 0.51 0.00	27.70 0.42 0.00	24.03 0.28 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.27 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.84 -0.04 0.00
ALBANY___LFGE 323615	40.96 0.87 0.00	51.43 1.05 0.00	24.41 0.60 0.00	19.46 0.51 0.00	19.54 0.55 0.00	21.52 0.59 0.00	25.58 0.62 0.00	28.90 0.80 0.00	27.97 0.69 0.00	24.28 0.53 0.00	23.63 0.45 0.00	22.00 0.50 0.00	19.95 0.45 0.00	18.37 0.39 0.00	22.19 0.50 0.00	26.12 0.54 0.00	28.17 0.62 0.00	32.99 1.01 0.00	33.59 0.78 0.00	26.32 0.58 0.00	28.95 0.63 0.00	26.59 0.54 0.00	26.82 0.33 0.00	26.09 0.22 0.00
ALCOA_PA_115KV_PL-6C 55860	41.98 0.28 -1.62	52.66 0.39 -1.89	25.18 0.17 -1.19	20.13 0.12 -1.06	20.11 0.06 -1.06	22.02 -0.04 -1.14	19.58 -0.14 5.24	29.25 -0.17 -1.32	28.64 0.01 -1.35	25.17 0.15 -1.26	24.41 0.03 -1.19	22.64 0.01 -1.13	20.60 0.03 -1.08	18.29 0.05 -0.27	21.80 0.10 0.00	25.75 0.16 0.00	28.12 0.06 -0.50	32.87 -0.50 -1.39	34.12 -0.15 -1.46	26.93 -0.08 -1.26	29.73 0.09 -1.32	27.38 0.09 -1.24	27.03 0.22 -0.32	26.34 0.47 0.00
ALCOA_RYNLDS___DRP 24188	41.98 0.28 -1.62	52.66 0.39 -1.89	25.18 0.17 -1.19	20.13 0.12 -1.06	20.11 0.06 -1.06	22.02 -0.04 -1.14	19.58 -0.14 5.24	29.25 -0.17 -1.32	28.64 0.01 -1.35	25.17 0.15 -1.26	24.41 0.03 -1.19	22.64 0.01 -1.13	20.60 0.03 -1.08	18.29 0.05 -0.27	21.80 0.10 0.00	25.75 0.16 0.00	28.12 0.06 -0.50	32.87 -0.50 -1.39	34.12 -0.15 -1.46	26.93 -0.08 -1.26	29.73 0.09 -1.32	27.38 0.09 -1.24	27.03 0.22 -0.32	26.34 0.47 0.00
ALCOA___DSASP 323711	41.98 0.27 -1.62	52.66 0.39 -1.89	25.18 0.17 -1.19	20.13 0.12 -1.06	20.11 0.06 -1.06	22.02 -0.04 -1.14	19.58 -0.14 5.24	29.25 -0.17 -1.32	28.63 0.00 -1.35	25.17 0.15 -1.26	24.41 0.03 -1.19	22.64 0.01 -1.13	20.60 0.03 -1.08	18.30 0.05 -0.27	21.80 0.10 0.00	25.75 0.16 0.00	28.12 0.07 -0.50	32.87 -0.50 -1.39	34.12 -0.15 -1.46	26.93 -0.08 -1.26	29.72 0.09 -1.32	27.38 0.09 -1.24	27.03 0.22 -0.32	26.34 0.47 0.00
ALLEGHENY___COGEN 23514	37.07 -1.00 2.02	44.31 -1.50 4.57	23.06 -0.75 0.00	15.22 -0.58 3.14	18.42 -0.56 0.00	20.52 -0.40 0.00	24.70 -0.26 0.00	28.04 -0.07 0.00	26.94 -0.34 0.00	22.90 -0.86 0.00	22.42 -0.77 0.00	20.75 -0.75 0.00	18.86 -0.64 0.00	17.39 -0.59 0.00	21.01 -0.69 0.00	24.83 -0.75 0.00	27.31 -0.24 0.00	32.21 0.23 0.00	32.92 0.11 0.00	26.61 0.22 -0.65	29.50 0.13 -1.05	26.45 0.21 -0.19	26.98 0.35 -0.15	25.89 0.03 0.00
ALTAMONT_115KV_TB 2 55880	41.09 1.00 0.00	51.64 1.25 0.00	24.44 0.62 0.00	19.44 0.50 0.00	19.51 0.52 0.00	21.51 0.58 0.00	25.64 0.68 0.00	28.96 0.86 0.00	28.01 0.73 0.00	24.33 0.58 0.00	23.71 0.53 0.00	22.01 0.50 0.00	19.94 0.44 0.00	18.36 0.39 0.00	22.19 0.49 0.00	26.17 0.59 0.00	28.24 0.69 0.00	33.05 1.07 0.00	33.69 0.88 0.00	26.39 0.65 0.00	29.03 0.71 0.00	26.68 0.63 0.00	26.96 0.48 0.00	26.25 0.38 0.00
ALTONA_WT_PWR 323606	-21.05 -1.09 60.04	-21.06 -1.38 70.07	-21.06 -0.65 44.23	-21.06 -0.53 39.48	-21.09 -0.62 39.46	-22.13 -0.76 42.29	-23.32 -0.95 47.34	-21.76 -1.04 48.83	-23.43 -0.69 50.02	-23.72 -0.60 46.87	-21.77 -0.76 44.19	-21.11 -0.78 41.84	-21.11 -0.70 39.91	7.52 -0.56 9.90	21.22 -0.47 0.00	25.15 -0.44 0.00	8.01 -0.91 18.63	-21.14 -1.58 51.54	-22.49 -1.26 54.04	-22.04 -0.95 46.83	-21.60 -1.05 48.88	-21.11 -0.97 46.19	13.69 -0.80 11.99	25.92 0.05 0.00
AMERICAN_REF_FUEL 24010	34.88 -4.57 0.64	43.22 -5.71 1.46	21.13 -2.69 0.00	15.82 -2.12 1.00	16.71 -2.27 0.00	18.54 -2.38 0.00	21.95 -3.01 0.00	24.57 -3.53 0.00	23.93 -3.35 0.00	21.05 -2.70 0.00	21.43 -1.76 0.00	19.78 -1.72 0.00	18.09 -1.41 0.00	16.74 -1.24 0.00	20.14 -1.56 0.00	23.59 -2.00 0.00	25.06 -2.49 0.00	29.10 -2.88 0.00	29.74 -3.06 0.00	21.71 -2.19 1.85	23.01 -2.34 2.98	23.23 -2.28 0.54	24.22 -1.83 0.43	24.25 -1.62 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	34.94 -4.39 0.76	43.03 -5.64 1.72	21.29 -2.53 0.00	15.78 -1.98 1.18	16.87 -2.11 0.00	18.77 -2.14 0.00	22.43 -2.53 0.00	24.93 -3.18 0.00	24.41 -2.87 0.00	21.67 -2.08 0.00	21.99 -1.20 0.00	20.31 -1.19 0.00	18.50 -1.00 0.00	17.07 -0.90 0.00	20.66 -1.03 0.00	24.32 -1.26 0.00	25.72 -1.83 0.00	29.95 -2.03 0.00	30.61 -2.20 0.00	21.69 -1.56 2.49	22.85 -1.45 4.01	23.83 -1.49 0.73	24.83 -1.08 0.58	24.87 -1.00 0.00
ARTHUR KILL_GT_1 23520	43.44 3.34 -0.01	54.47 4.08 -0.01	25.61 1.79 -0.01	20.62 1.28 -0.39	20.29 1.31 0.00	22.34 1.42 0.00	26.84 1.88 0.00	30.45 2.35 0.00	29.33 2.04 -0.01	102.24 1.77 -76.72	24.92 1.73 -0.01	23.10 1.59 -0.01	20.91 1.39 -0.02	19.22 1.24 0.00	24.02 1.39 -0.93	27.28 1.70 0.00	29.51 1.96 0.00	34.69 2.71 0.00	35.17 2.36 0.00	27.57 1.83 0.00	30.27 1.95 0.00	27.85 1.81 0.00	28.17 1.69 0.00	27.40 1.53 0.00
ARTHUR_KILL_2 23512	43.33 3.24 -0.01	54.35 3.96 -0.01	25.54 1.72 -0.01	20.57 1.23 -0.39	20.24 1.25 0.00	22.28 1.36 0.00	26.76 1.80 0.00	30.36 2.26 0.00	29.24 1.96 -0.01	102.16 1.69 -76.72	24.85 1.66 -0.01	23.03 1.53 -0.01	20.86 1.34 -0.02	19.17 1.20 0.00	23.95 1.33 -0.93	27.21 1.62 0.00	29.42 1.88 0.00	34.58 2.60 0.00	35.05 2.24 0.00	27.49 1.75 0.00	30.17 1.85 0.00	27.77 1.73 0.00	28.09 1.60 0.00	27.32 1.45 0.00
ARTHUR_KILL_3 23513	43.15 3.07 0.00	54.23 3.85 0.00	25.54 1.71 -0.01	20.24 1.30 0.00	20.34 1.36 0.00	22.39 1.47 0.00	26.79 1.83 0.00	30.41 2.31 0.00	29.33 2.04 0.00	46.14 1.77 -20.62	24.93 1.74 0.00	23.11 1.60 0.00	20.95 1.43 -0.02	19.23 1.25 0.00	24.01 1.38 -0.93	27.25 1.66 0.00	29.49 1.94 0.00	34.66 2.68 0.00	35.11 2.30 0.00	27.50 1.76 0.00	30.12 1.80 0.00	27.70 1.66 0.00	27.89 1.40 0.00	27.10 1.23 0.00

ARTHUR_KILL_COGEN 323718	43.44 3.34 -0.01	54.47 4.08 -0.01	25.61 1.79 -0.01	20.62 1.28 -0.39	20.29 1.31 0.00	22.34 1.42 0.00	26.84 1.88 0.00	30.45 2.35 0.00	29.33 2.04 -0.01	102.24 1.77 -76.72	24.92 1.73 -0.01	23.10 1.59 -0.01	20.91 1.39 -0.02	19.22 1.24 0.00	24.02 1.39 -0.93	27.28 1.70 0.00	29.51 1.96 0.00	34.69 2.71 0.00	35.17 2.36 0.00	27.57 1.83 0.00	30.27 1.95 0.00	27.85 1.81 0.00	28.17 1.69 0.00	27.40 1.53 0.00
ASHOKAN____ 23654	42.43 2.34 0.00	53.25 2.86 0.00	25.19 1.37 0.00	20.06 1.12 0.00	20.13 1.15 0.00	22.25 1.33 0.00	26.58 1.61 0.00	30.08 1.98 0.00	29.06 1.78 0.00	25.09 1.34 0.00	24.29 1.10 0.00	22.51 1.00 0.00	20.35 0.85 0.00	18.74 0.77 0.00	22.77 1.07 0.00	27.05 1.47 0.00	29.37 1.82 0.00	34.50 2.52 0.00	34.97 2.16 0.00	27.30 1.55 0.00	29.98 1.65 0.00	27.52 1.47 0.00	27.72 1.23 0.00	26.90 1.03 0.00
ASTORIA_EAST_ENERGY_CC1 323581	43.34 3.25 0.00	54.48 4.10 -0.01	25.72 1.90 -0.01	20.79 1.45 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.93 1.96 0.00	30.59 2.49 0.00	29.48 2.20 0.00	25.68 1.93 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.07 1.55 -0.02	19.36 1.39 0.00	24.14 1.52 -0.92	27.40 1.82 0.00	29.63 2.09 0.01	34.83 2.86 0.01	35.29 2.49 0.00	27.67 1.93 0.00	30.29 1.98 0.00	27.89 1.85 0.00	28.06 1.57 0.00	27.34 1.47 0.00
ASTORIA_EAST_ENERGY_CC2 323582	43.34 3.25 0.00	54.48 4.10 -0.01	25.72 1.90 -0.01	20.79 1.45 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.93 1.96 0.00	30.59 2.49 0.00	29.48 2.20 0.00	25.68 1.93 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.06 1.54 -0.02	19.36 1.39 0.00	24.14 1.52 -0.92	27.40 1.82 0.00	29.63 2.09 0.01	34.83 2.86 0.01	35.29 2.49 0.00	27.67 1.93 0.00	30.29 1.98 0.00	27.89 1.85 0.00	28.06 1.57 0.00	27.35 1.48 0.00
ASTORIA_GT2_1 24094	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT2_2 24095	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT2_3 24096	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT2_4 24097	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT3_1 24098	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT3_2 24099	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT3_3 24100	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT3_4 24101	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT4_1 24102	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT4_2 24103	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT4_3 24104	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00

ASTORIA_GT4_4 24105	43.35 3.25 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.57 1.65 0.00	26.95 1.99 0.00	30.61 2.51 0.00	29.49 2.21 0.00	25.73 1.97 0.00	25.08 1.90 0.00	23.27 1.76 0.00	21.08 1.56 -0.02	19.37 1.40 0.00	24.17 1.55 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.32 2.51 0.00	27.69 1.95 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.08 1.59 0.00	27.37 1.50 0.00
ASTORIA_GT_1 23523	43.44 3.35 0.00	54.59 4.20 -0.01	25.77 1.95 -0.01	20.83 1.49 -0.40	20.50 1.52 0.00	22.61 1.69 0.00	26.98 2.02 0.00	30.66 2.55 0.00	29.55 2.27 0.00	25.74 1.99 0.00	25.13 1.94 0.01	23.31 1.80 0.00	21.11 1.59 -0.02	19.41 1.43 0.00	24.20 1.58 -0.92	27.48 1.89 0.00	29.70 2.16 0.01	34.92 2.94 0.01	35.39 2.59 0.00	27.73 1.99 0.00	30.37 2.05 0.00	27.97 1.92 0.00	28.12 1.63 0.00	27.40 1.54 0.00
ASTORIA_GT_10 24110	43.51 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.04 0.00	30.66 2.56 0.00	29.59 2.30 -0.01	102.46 2.02 -76.69	25.15 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.75 2.01 0.00	30.39 2.07 0.00	27.96 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA_GT_11 24225	43.51 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.04 0.00	30.66 2.56 0.00	29.59 2.30 -0.01	102.46 2.02 -76.69	25.15 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.75 2.01 0.00	30.39 2.07 0.00	27.96 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA_GT_12 24226	43.51 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.04 0.00	30.66 2.56 0.00	29.59 2.30 -0.01	102.46 2.02 -76.69	25.15 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.75 2.01 0.00	30.39 2.07 0.00	27.96 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA_GT_13 24227	43.51 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.04 0.00	30.66 2.56 0.00	29.59 2.30 -0.01	102.46 2.02 -76.69	25.15 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.75 2.01 0.00	30.39 2.07 0.00	27.96 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA_GT_5 24106	43.41 3.32 0.00	54.58 4.19 -0.01	25.77 1.95 -0.01	20.83 1.49 -0.40	20.50 1.51 0.00	22.61 1.69 0.00	26.99 2.03 0.00	30.67 2.56 0.00	29.54 2.26 0.00	25.78 2.02 0.00	25.13 1.94 0.00	23.31 1.80 0.00	21.12 1.60 -0.02	19.41 1.43 0.00	24.22 1.59 -0.93	27.48 1.89 0.00	29.71 2.16 0.00	34.92 2.94 0.00	35.39 2.59 0.00	27.74 2.00 0.00	30.37 2.05 0.00	27.97 1.92 0.00	28.13 1.64 0.00	27.41 1.54 0.00
ASTORIA_GT_7 24107	43.41 3.32 0.00	54.58 4.19 -0.01	25.77 1.95 -0.01	20.83 1.49 -0.40	20.50 1.51 0.00	22.61 1.69 0.00	26.99 2.03 0.00	30.67 2.56 0.00	29.54 2.26 0.00	25.78 2.02 0.00	25.13 1.94 0.00	23.31 1.80 0.00	21.12 1.60 -0.02	19.41 1.43 0.00	24.22 1.59 -0.93	27.48 1.89 0.00	29.71 2.16 0.00	34.92 2.94 0.00	35.39 2.59 0.00	27.74 2.00 0.00	30.37 2.05 0.00	27.97 1.92 0.00	28.13 1.64 0.00	27.41 1.54 0.00
ASTORIA_GT_8 24108	43.41 3.32 0.00	54.58 4.19 -0.01	25.77 1.95 -0.01	20.83 1.49 -0.40	20.50 1.51 0.00	22.61 1.69 0.00	26.99 2.03 0.00	30.67 2.56 0.00	29.54 2.26 0.00	25.78 2.02 0.00	25.13 1.94 0.00	23.31 1.80 0.00	21.12 1.60 -0.02	19.41 1.43 0.00	24.22 1.59 -0.93	27.48 1.89 0.00	29.71 2.16 0.00	34.92 2.94 0.00	35.39 2.59 0.00	27.74 2.00 0.00	30.37 2.05 0.00	27.97 1.92 0.00	28.13 1.64 0.00	27.41 1.54 0.00
ASTORIA___2 24149	43.36 3.27 0.00	54.52 4.13 -0.01	25.74 1.92 -0.01	20.79 1.46 -0.40	20.47 1.48 0.00	22.58 1.65 0.00	26.93 1.97 0.00	30.60 2.50 0.00	29.49 2.21 0.00	25.69 1.94 0.00	25.08 1.90 0.01	23.26 1.76 0.00	21.07 1.55 -0.02	19.37 1.39 0.00	24.15 1.53 -0.92	27.42 1.83 0.00	29.64 2.10 0.01	34.85 2.88 0.01	35.32 2.51 0.00	27.68 1.94 0.00	30.31 1.99 0.00	27.91 1.86 0.00	28.07 1.58 0.00	27.36 1.49 0.00
ASTORIA___3 23516	43.52 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.03 0.00	30.66 2.55 0.00	29.59 2.30 -0.01	102.45 2.00 -76.69	25.15 1.96 -0.01	23.31 1.80 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.22 1.60 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA___4 23517	43.51 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.04 0.00	30.66 2.56 0.00	29.59 2.30 -0.01	102.46 2.02 -76.69	25.15 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.75 2.01 0.00	30.39 2.07 0.00	27.96 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
ASTORIA___5 23518	43.52 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.03 0.00	30.66 2.55 0.00	29.59 2.30 -0.01	102.45 2.00 -76.69	25.15 1.96 -0.01	23.31 1.80 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.22 1.60 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
AST_ENERGY_2_CC3 323677	43.33 3.24 0.00	54.43 4.05 0.00	25.63 1.82 0.00	20.29 1.35 0.00	20.40 1.42 0.00	22.46 1.54 0.00	26.86 1.90 0.00	30.49 2.39 0.00	29.40 2.12 0.00	25.60 1.85 0.00	24.99 1.80 0.00	23.17 1.67 0.00	21.02 1.50 -0.02	19.29 1.32 0.00	24.09 1.47 -0.93	27.33 1.74 0.00	29.55 2.00 0.00	34.73 2.75 0.00	35.17 2.36 0.00	27.57 1.84 0.00	30.21 1.89 0.00	27.78 1.74 0.00	27.97 1.48 0.00	27.19 1.32 0.00
AST_ENERGY_2_CC4 323678	43.33 3.24 0.00	54.43 4.05 0.00	25.63 1.82 0.00	20.29 1.35 0.00	20.40 1.42 0.00	22.46 1.54 0.00	26.86 1.90 0.00	30.49 2.39 0.00	29.40 2.12 0.00	25.60 1.85 0.00	24.99 1.80 0.00	23.17 1.67 0.00	21.02 1.50 -0.02	19.29 1.32 0.00	24.09 1.47 -0.93	27.33 1.74 0.00	29.55 2.00 0.00	34.73 2.75 0.00	35.17 2.36 0.00	27.57 1.84 0.00	30.21 1.89 0.00	27.78 1.74 0.00	27.97 1.48 0.00	27.19 1.32 0.00

ATHENS_STG_1 23668	41.56 1.48 0.00	52.30 1.91 0.00	24.69 0.88 0.00	19.61 0.67 0.00	19.68 0.70 0.00	21.70 0.78 0.00	25.92 0.96 0.00	29.32 1.21 0.00	28.32 1.04 0.00	24.64 0.89 0.00	24.02 0.83 0.00	22.28 0.78 0.00	20.17 0.67 0.00	18.57 0.59 0.00	22.61 0.71 -0.19	26.45 0.87 0.00	28.55 1.00 0.00	33.46 1.48 0.00	34.05 1.24 0.00	26.68 0.94 0.00	29.31 0.99 0.00	26.95 0.91 0.00	27.23 0.74 0.00	26.50 0.63 0.00
ATHENS_STG_2 23670	41.56 1.48 0.00	52.30 1.91 0.00	24.69 0.88 0.00	19.61 0.67 0.00	19.68 0.70 0.00	21.70 0.78 0.00	25.92 0.96 0.00	29.32 1.21 0.00	28.32 1.04 0.00	24.64 0.89 0.00	24.02 0.83 0.00	22.28 0.78 0.00	20.17 0.67 0.00	18.57 0.59 0.00	22.61 0.71 -0.19	26.45 0.87 0.00	28.55 1.00 0.00	33.46 1.48 0.00	34.05 1.24 0.00	26.68 0.94 0.00	29.31 0.99 0.00	26.95 0.91 0.00	27.23 0.74 0.00	26.50 0.63 0.00
ATHENS_STG_3 23677	41.56 1.48 0.00	52.30 1.91 0.00	24.69 0.88 0.00	19.61 0.67 0.00	19.68 0.70 0.00	21.70 0.78 0.00	25.92 0.96 0.00	29.32 1.21 0.00	28.32 1.04 0.00	24.64 0.89 0.00	24.02 0.83 0.00	22.28 0.78 0.00	20.17 0.67 0.00	18.57 0.59 0.00	22.61 0.71 -0.19	26.45 0.87 0.00	28.55 1.00 0.00	33.46 1.48 0.00	34.05 1.24 0.00	26.68 0.94 0.00	29.31 0.99 0.00	26.95 0.91 0.00	27.23 0.74 0.00	26.50 0.63 0.00
AUBURN___LFGE 323710	40.16 -0.17 -0.24	50.62 -0.32 -0.54	23.66 -0.16 0.00	19.22 -0.10 -0.38	18.89 -0.09 0.00	20.92 0.00 0.00	25.05 0.09 0.00	28.23 0.13 0.00	27.28 0.00 0.00	23.66 -0.09 0.00	23.35 0.17 0.00	21.55 0.04 0.00	19.62 0.12 0.00	18.12 0.14 0.00	21.79 0.09 0.00	25.75 0.16 0.00	27.82 0.27 0.00	32.52 0.54 0.00	33.01 0.20 0.00	26.01 0.27 0.00	28.63 0.31 0.00	26.34 0.29 0.00	26.74 0.25 0.00	25.99 0.12 0.00
BABYLON_RES_REC 323704	47.55 3.94 -3.53	55.11 4.72 0.00	25.98 2.17 0.00	20.50 1.56 0.00	20.66 1.67 0.00	22.80 1.88 0.00	27.41 2.44 0.00	73.64 3.01 -42.53	29.89 2.61 0.00	26.03 2.28 0.00	25.29 2.11 0.00	23.37 1.86 0.00	21.21 1.71 0.00	19.61 1.63 0.00	26.79 1.97 -3.12	27.97 2.35 -0.04	30.29 2.62 -0.12	35.46 3.48 0.00	35.92 3.11 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.39 2.34 0.00	28.62 2.13 0.00	27.82 1.95 0.00
BABYLON___69_KV_BK2 356345	47.95 4.35 -3.53	55.58 5.20 0.00	26.21 2.39 0.00	20.68 1.74 0.00	20.83 1.85 0.00	23.00 2.08 0.00	27.67 2.71 0.00	73.93 3.30 -42.53	30.16 2.88 0.00	26.26 2.51 0.00	25.49 2.31 0.00	23.54 2.04 0.00	21.37 1.87 0.00	19.78 1.80 0.00	27.01 2.19 -3.12	28.24 2.62 -0.04	30.59 2.92 -0.12	35.81 3.83 0.00	36.28 3.47 0.00	28.47 2.73 0.00	31.18 2.86 0.00	28.70 2.65 0.00	28.91 2.42 0.00	28.11 2.24 0.00
BALL_HILL_WT_PWR 323825	35.67 -3.69 0.73	44.00 -4.73 1.66	21.65 -2.17 0.00	16.11 -1.69 1.14	17.18 -1.80 0.00	19.06 -1.86 0.00	22.69 -2.27 0.00	25.37 -2.73 0.00	24.71 -2.56 0.00	21.78 -1.98 0.00	22.10 -1.09 0.00	20.42 -1.09 0.00	18.60 -0.90 0.00	17.17 -0.80 0.00	20.72 -0.98 0.00	24.35 -1.24 0.00	25.85 -1.69 0.00	30.14 -1.84 0.00	30.72 -2.08 0.00	21.93 -1.46 2.35	23.05 -1.48 3.79	23.88 -1.48 0.69	24.84 -1.10 0.54	24.85 -1.02 0.00
BARON_WINDS___WT_PWR 323822	34.64 -2.51 2.94	40.44 -3.27 6.67	22.20 -1.61 0.01	13.09 -1.27 4.59	17.79 -1.19 0.00	19.77 -1.15 0.00	23.75 -1.21 0.00	26.92 -1.19 0.00	25.88 -1.40 0.00	22.42 -1.33 0.00	22.14 -1.04 0.00	20.55 -0.96 0.00	18.63 -0.87 0.00	17.15 -0.83 0.00	20.75 -0.95 0.00	24.38 -1.21 0.00	26.20 -1.35 0.00	30.74 -1.24 0.00	31.30 -1.51 0.00	26.81 -0.98 -2.05	30.46 -1.17 -3.30	25.95 -0.70 -0.60	26.23 -0.73 -0.47	24.78 -1.09 0.00
BARRETT_IC_1 23704	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_10 23701	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_11 23702	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_12 23703	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_2 23705	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_3 23706	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_4 23707	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00

BARRETT_IC_5 23708	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_6 23709	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_7 23710	46.86 3.25 -3.53	54.40 4.01 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.55 2.27 0.00	25.75 2.00 0.00	25.10 1.92 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.70 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.07 3.09 0.00	35.54 2.74 0.00	27.87 2.13 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.86 0.00	27.51 1.64 0.00
BARRETT_IC_8 23711	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT_IC_9 23700	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT___1 23545	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BARRETT___2 23546	46.86 3.25 -3.53	54.40 4.02 0.00	25.74 1.92 0.00	20.34 1.40 0.00	20.46 1.48 0.00	22.58 1.66 0.00	27.10 2.14 0.00	73.28 2.64 -42.53	29.54 2.26 0.00	25.75 2.00 0.00	25.10 1.91 0.00	23.19 1.69 0.00	21.02 1.52 0.00	19.40 1.42 0.00	26.51 1.69 -3.12	27.64 2.02 -0.04	29.95 2.28 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.86 2.12 0.00	30.55 2.23 0.00	28.10 2.06 0.00	28.34 1.85 0.00	27.51 1.64 0.00
BATAVIA__115KV_TB1 55881	37.23 -2.28 0.58	46.11 -2.95 1.32	22.42 -1.40 0.00	16.96 -1.08 0.91	17.80 -1.18 0.00	19.78 -1.14 0.00	23.59 -1.37 0.00	26.56 -1.55 0.00	25.79 -1.49 0.00	22.46 -1.29 0.00	22.53 -0.66 0.00	20.67 -0.83 0.00	18.87 -0.63 0.00	17.43 -0.54 0.00	20.99 -0.71 0.00	24.74 -0.84 0.00	26.48 -1.07 0.00	30.85 -1.13 0.00	31.50 -1.31 0.00	24.89 -0.86 0.00	27.38 -0.94 0.00	25.03 -1.02 0.00	25.83 -0.66 0.00	25.28 -0.59 0.00
BAYONEEC___CTG1 323682	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG10 323750	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG2 323683	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG3 323684	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG4 323685	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG5 323686	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG6 323687	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00

BAYONEEC___CTG7 323688	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG8 323689	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BAYONEEC___CTG9 323749	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.30 1.36 0.00	20.40 1.42 0.00	22.47 1.55 0.00	26.89 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.30 1.33 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.22 2.41 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.01 1.52 0.00	27.22 1.35 0.00
BEACON___LESR 323632	41.40 1.31 0.00	51.90 1.52 0.00	24.65 0.83 0.00	19.63 0.69 0.00	19.71 0.73 0.00	21.75 0.83 0.00	25.92 0.96 0.00	29.30 1.19 0.00	28.31 1.03 0.00	24.50 0.75 0.00	23.85 0.67 0.00	22.16 0.66 0.00	20.08 0.58 0.00	18.48 0.50 0.00	22.38 0.68 0.00	26.41 0.83 0.00	28.45 0.90 0.00	33.39 1.41 0.00	33.98 1.17 0.00	26.62 0.88 0.00	29.25 0.93 0.00	26.80 0.75 0.00	27.07 0.59 0.00	26.30 0.43 0.00
BEAVER RIVER___HYD 24048	41.77 -1.87 -3.56	52.10 -2.44 -4.16	25.28 -1.16 -2.62	20.39 -0.90 -2.34	20.39 -0.94 -2.34	22.39 -1.04 -2.51	24.59 -1.03 -0.66	29.98 -1.02 -2.90	29.34 -0.91 -2.96	25.55 -0.98 -2.78	24.39 -1.41 -2.62	22.59 -1.39 -2.48	20.58 -1.28 -2.37	17.40 -1.16 -0.59	20.33 -1.37 0.00	24.20 -1.38 0.00	27.41 -1.25 -1.10	33.60 -1.43 -3.06	34.61 -1.41 -3.20	27.40 -1.12 -2.78	29.95 -1.26 -2.90	27.58 -1.20 -2.74	26.02 -1.18 -0.71	24.95 -0.92 0.00
BEEBEE_GT_13 23619	37.33 -2.25 0.50	46.33 -2.92 1.14	22.44 -1.37 0.00	17.10 -1.07 0.78	17.86 -1.12 0.00	19.78 -1.14 0.00	23.58 -1.38 0.00	26.53 -1.58 0.00	25.72 -1.56 0.00	22.43 -1.32 0.00	22.43 -0.76 0.00	20.75 -0.75 0.00	18.90 -0.60 0.00	17.44 -0.53 0.00	21.04 -0.66 0.00	24.77 -0.81 0.00	26.52 -1.03 0.00	30.87 -1.11 0.00	31.52 -1.29 0.00	24.82 -0.92 0.00	27.31 -1.01 0.00	25.03 -1.02 0.00	25.71 -0.78 0.00	25.11 -0.75 0.00
BENSHRST_27_KV_BENSHRST_1 355998	43.68 3.59 -0.01	54.85 4.46 -0.01	25.81 1.98 -0.01	20.79 1.45 -0.39	20.48 1.49 0.00	22.57 1.65 0.00	27.06 2.09 0.00	30.72 2.61 0.00	29.64 2.35 -0.01	102.52 2.04 -76.72	25.20 2.01 -0.01	23.36 1.85 -0.01	21.16 1.64 -0.02	19.44 1.47 0.00	24.29 1.66 -0.93	27.58 1.99 0.00	29.83 2.28 0.00	35.08 3.10 0.00	35.54 2.73 0.00	27.86 2.12 0.00	30.53 2.21 0.00	28.09 2.04 0.00	28.30 1.82 0.00	27.51 1.64 0.00
BETHLEHEM___GRP 23843	40.58 0.49 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.33 0.37 0.00	28.62 0.51 0.00	27.70 0.42 0.00	24.03 0.28 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.27 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.84 -0.04 0.00
BETHLEHEM___GS1 323560	40.59 0.50 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.34 0.38 0.00	28.61 0.51 0.00	27.70 0.42 0.00	24.04 0.29 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.28 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.83 -0.04 0.00
BETHLEHEM___GS2 323561	40.59 0.50 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.34 0.38 0.00	28.61 0.51 0.00	27.70 0.42 0.00	24.04 0.29 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.28 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.83 -0.04 0.00
BETHLEHEM___GS3 323562	40.59 0.50 0.00	50.95 0.57 0.00	24.21 0.40 0.00	19.32 0.38 0.00	19.39 0.41 0.00	21.35 0.43 0.00	25.34 0.38 0.00	28.61 0.51 0.00	27.70 0.42 0.00	24.04 0.29 0.00	23.39 0.21 0.00	21.80 0.30 0.00	19.77 0.27 0.00	18.21 0.23 0.00	21.97 0.28 0.00	25.84 0.26 0.00	27.87 0.32 0.00	32.64 0.66 0.00	33.24 0.43 0.00	26.05 0.31 0.00	28.65 0.33 0.00	26.32 0.27 0.00	26.56 0.07 0.00	25.83 -0.04 0.00
BETHLEHEM___STEEL 23779	35.78 -3.61 0.69	44.23 -4.58 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.22 -1.76 0.00	19.08 -1.84 0.00	22.66 -2.30 0.00	25.37 -2.74 0.00	24.69 -2.59 0.00	21.73 -2.02 0.00	22.08 -1.11 0.00	20.42 -1.09 0.00	18.63 -0.87 0.00	17.21 -0.76 0.00	20.74 -0.96 0.00	24.35 -1.24 0.00	25.86 -1.68 0.00	30.11 -1.87 0.00	30.73 -2.08 0.00	24.31 -1.43 0.00	26.84 -1.48 0.00	24.55 -1.49 0.00	25.39 -1.09 0.00	24.87 -1.00 0.00
BETHLHEM_115KV_TB1 79974	40.70 0.62 0.00	51.12 0.74 0.00	24.27 0.45 0.00	19.35 0.40 0.00	19.42 0.44 0.00	21.39 0.47 0.00	25.40 0.44 0.00	28.69 0.59 0.00	27.77 0.49 0.00	24.10 0.35 0.00	23.46 0.28 0.00	21.85 0.35 0.00	19.81 0.31 0.00	18.25 0.27 0.00	22.02 0.32 0.00	25.92 0.33 0.00	27.95 0.40 0.00	32.73 0.75 0.00	33.34 0.53 0.00	26.13 0.39 0.00	28.73 0.41 0.00	26.40 0.35 0.00	26.64 0.15 0.00	25.93 0.05 0.00
BETHPAGE_CC_5 323564	47.39 3.78 -3.53	54.96 4.57 0.00	25.92 2.10 0.00	20.46 1.52 0.00	20.60 1.62 0.00	22.74 1.82 0.00	27.32 2.36 0.00	73.53 2.90 -42.53	29.79 2.51 0.00	25.95 2.19 0.00	25.24 2.05 0.00	23.33 1.82 0.00	21.16 1.66 0.00	19.55 1.57 0.00	26.71 1.89 -3.12	27.87 2.25 -0.04	30.19 2.52 -0.12	35.35 3.37 0.00	35.81 3.00 0.00	28.09 2.35 0.00	30.78 2.46 0.00	28.31 2.26 0.00	28.52 2.04 0.00	27.72 1.86 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	36.02 -3.36 0.71	44.50 -4.28 1.60	21.83 -1.99 0.00	16.31 -1.53 1.10	17.34 -1.64 0.00	19.21 -1.71 0.00	22.82 -2.14 0.00	25.54 -2.56 0.00	24.87 -2.41 0.00	21.86 -1.89 0.00	22.21 -0.97 0.00	20.55 -0.96 0.00	18.75 -0.75 0.00	17.31 -0.66 0.00	20.86 -0.84 0.00	24.49 -1.09 0.00	26.04 -1.50 0.00	30.32 -1.66 0.00	30.95 -1.86 0.00	24.48 -1.26 0.00	27.03 -1.29 0.00	24.73 -1.32 0.00	25.55 -0.94 0.00	25.00 -0.87 0.00

BINGHAMTON___COGEN 23790	39.80 -0.29 0.00	50.00 -0.39 0.00	23.62 -0.19 0.00	18.79 -0.15 0.00	18.84 -0.14 0.00	20.82 -0.10 0.00	24.92 -0.04 0.00	28.11 0.01 0.00	27.16 -0.12 0.00	23.60 -0.15 0.00	23.19 0.00 0.00	21.50 0.00 0.00	19.49 -0.01 0.00	17.96 -0.01 0.00	21.70 0.00 0.00	25.53 -0.05 0.00	27.47 -0.08 0.00	32.12 0.13 0.00	32.70 -0.11 0.00	25.68 -0.06 0.00	28.22 -0.10 0.00	25.98 -0.06 0.00	26.46 -0.02 0.00	25.72 -0.14 0.00
BIXINCNT_115KV_LOAD 355685	35.85 -3.46 0.77	44.39 -4.25 1.74	22.02 -1.79 0.00	16.37 -1.37 1.20	17.47 -1.52 0.00	19.41 -1.51 0.00	22.93 -2.03 0.00	25.56 -2.55 0.00	24.78 -2.50 0.00	21.71 -2.04 0.00	22.05 -1.13 0.00	20.54 -0.96 0.00	18.77 -0.73 0.00	17.28 -0.70 0.00	20.70 -1.00 0.00	24.43 -1.15 0.00	26.15 -1.40 0.00	30.76 -1.22 0.00	31.23 -1.58 0.00	24.65 -1.09 0.00	27.34 -0.98 0.00	25.05 -1.00 0.00	25.72 -0.76 0.00	25.06 -0.81 0.00
BLACK RIVER___HYD 24047	40.39 -2.19 -2.49	50.43 -2.86 -2.91	24.29 -1.37 -1.84	19.52 -1.06 -1.64	19.55 -1.07 -1.64	21.53 -1.14 -1.76	24.31 -1.14 -0.48	28.97 -1.16 -2.03	28.20 -1.15 -2.08	24.37 -1.32 -1.94	23.34 -1.68 -1.83	21.59 -1.65 -1.73	19.64 -1.52 -1.65	17.01 -1.38 -0.41	20.09 -1.61 0.00	23.98 -1.61 0.00	26.99 -1.33 -0.77	32.68 -1.44 -2.14	33.57 -1.48 -2.24	26.50 -1.18 -1.94	28.98 -1.37 -2.03	26.67 -1.29 -1.91	25.70 -1.28 -0.50	24.75 -1.12 0.00
BLACKRVR_115KV_TB2 79977	40.39 -2.19 -2.49	50.43 -2.86 -2.91	24.29 -1.37 -1.84	19.53 -1.06 -1.64	19.55 -1.06 -1.64	21.53 -1.14 -1.76	24.31 -1.14 -0.48	28.96 -1.17 -2.03	28.20 -1.15 -2.08	24.37 -1.32 -1.94	23.34 -1.68 -1.83	21.59 -1.65 -1.73	19.64 -1.52 -1.65	17.01 -1.38 -0.41	20.09 -1.61 0.00	23.98 -1.61 0.00	26.99 -1.33 -0.77	32.68 -1.44 -2.14	33.57 -1.48 -2.24	26.50 -1.18 -1.94	28.98 -1.37 -2.03	26.67 -1.30 -1.91	25.70 -1.28 -0.50	24.75 -1.12 0.00
BLISS_WT_PWR 323608	35.47 -3.85 0.77	43.93 -4.70 1.75	21.87 -1.94 0.00	16.25 -1.49 1.20	17.34 -1.64 0.00	19.31 -1.61 0.00	22.75 -2.21 0.00	25.33 -2.77 0.00	24.53 -2.75 0.00	21.50 -2.26 0.00	21.85 -1.34 0.00	20.38 -1.13 0.00	18.62 -0.88 0.00	17.14 -0.84 0.00	20.49 -1.21 0.00	24.22 -1.37 0.00	25.99 -1.56 0.00	30.66 -1.32 0.00	31.09 -1.72 0.00	22.00 -1.19 2.55	23.17 -1.05 4.11	24.24 -1.06 0.74	25.02 -0.87 0.59	24.94 -0.93 0.00
BLUESTONE___WT_PWR 323821	40.71 0.02 -0.60	51.73 -0.02 -1.37	23.70 -0.11 0.00	19.80 -0.09 -0.94	18.79 -0.19 0.00	20.93 0.00 0.00	25.35 0.39 0.00	28.69 0.59 0.00	27.61 0.33 0.00	24.00 0.25 0.00	23.52 0.33 0.00	21.95 0.44 0.00	19.94 0.44 0.00	18.34 0.37 0.00	22.36 0.67 0.00	26.41 0.82 0.00	28.33 0.78 0.00	32.82 0.84 0.00	33.11 0.30 0.00	26.49 0.34 -0.41	29.34 0.35 -0.67	26.69 0.52 -0.12	27.19 0.61 -0.10	26.03 0.16 0.00
BLUE_CIRC_CHEM_DRP 24182	41.13 1.05 0.00	51.68 1.29 0.00	24.49 0.67 0.00	19.51 0.57 0.00	19.57 0.58 0.00	21.56 0.64 0.00	25.66 0.70 0.00	28.95 0.85 0.00	28.00 0.72 0.00	24.28 0.53 0.00	23.65 0.47 0.00	22.01 0.51 0.00	19.96 0.46 0.00	18.39 0.41 0.00	22.23 0.53 0.00	26.21 0.62 0.00	28.26 0.71 0.00	33.07 1.09 0.00	33.71 0.90 0.00	26.42 0.67 0.00	29.07 0.75 0.00	26.70 0.65 0.00	26.98 0.49 0.00	26.27 0.40 0.00
BOC_GAS_DRP 24189	40.97 0.88 0.00	51.51 1.12 0.00	24.38 0.57 0.00	19.40 0.46 0.00	19.47 0.48 0.00	21.45 0.53 0.00	25.56 0.59 0.00	28.87 0.77 0.00	27.93 0.64 0.00	24.26 0.51 0.00	23.65 0.47 0.00	21.97 0.47 0.00	19.90 0.40 0.00	18.33 0.35 0.00	22.14 0.44 0.00	26.09 0.51 0.00	28.13 0.58 0.00	32.92 0.94 0.00	33.56 0.75 0.00	26.29 0.55 0.00	28.92 0.60 0.00	26.58 0.53 0.00	26.87 0.39 0.00	26.16 0.29 0.00
BOONVILLE_115KV_TB1 79983	41.30 -0.19 -1.40	51.74 -0.28 -1.63	24.71 -0.14 -1.03	19.77 -0.09 -0.92	19.81 -0.10 -0.92	21.85 -0.06 -0.99	25.65 0.10 -0.59	29.46 0.22 -1.14	28.66 0.21 -1.16	24.87 0.03 -1.09	24.01 -0.21 -1.03	22.21 -0.27 -0.97	20.17 -0.25 -0.93	17.97 -0.23 -0.23	21.43 -0.27 0.00	25.41 -0.18 0.00	27.98 0.00 -0.43	33.33 0.15 -1.20	34.15 0.08 -1.26	26.88 0.05 -1.09	29.47 0.02 -1.14	27.09 -0.03 -1.08	26.71 -0.06 -0.28	25.85 -0.02 0.00
BORALEX_4TH_BRANCH 23824	42.04 1.96 0.00	52.57 2.19 0.00	24.83 1.01 0.00	19.73 0.79 0.00	19.81 0.83 0.00	21.87 0.95 0.00	26.17 1.21 0.00	29.63 1.53 0.00	28.51 1.23 0.00	24.69 0.93 0.00	24.14 0.95 0.00	22.32 0.81 0.00	20.16 0.65 0.00	18.55 0.58 0.00	22.76 0.89 -0.16	26.68 1.10 0.00	28.57 1.02 0.00	33.61 1.63 0.00	34.29 1.48 0.00	26.80 1.06 0.00	29.68 1.36 0.00	27.22 1.17 0.00	27.33 0.84 0.00	26.56 0.70 0.00
BOWLINE___1 23526	42.57 2.48 0.00	53.48 3.10 0.00	25.22 1.41 0.00	19.98 1.04 0.00	20.09 1.11 0.00	22.18 1.26 0.00	26.57 1.60 0.00	30.10 2.00 0.00	29.03 1.75 0.00	25.25 1.50 0.00	24.67 1.48 0.00	22.84 1.34 0.00	20.66 1.16 0.00	19.00 1.03 0.00	21.16 1.18 1.72	27.03 1.44 0.00	29.23 1.68 0.00	34.35 2.37 0.00	34.83 2.02 0.00	27.28 1.54 0.00	29.91 1.59 0.00	27.52 1.47 0.00	27.75 1.26 0.00	26.98 1.11 0.00
BOWLINE___2 23595	42.57 2.48 0.00	53.48 3.10 0.00	25.22 1.41 0.00	19.98 1.04 0.00	20.09 1.11 0.00	22.18 1.26 0.00	26.57 1.60 0.00	30.10 2.00 0.00	29.03 1.75 0.00	25.25 1.50 0.00	24.67 1.48 0.00	22.84 1.34 0.00	20.66 1.16 0.00	19.00 1.03 0.00	21.18 1.18 1.69	27.03 1.44 0.00	29.23 1.68 0.00	34.35 2.37 0.00	34.83 2.02 0.00	27.28 1.54 0.00	29.91 1.59 0.00	27.52 1.47 0.00	27.75 1.26 0.00	26.98 1.11 0.00
BRADY___115KV_TB2 356060	44.92 0.61 -4.22	56.09 0.78 -4.93	27.27 0.34 -3.11	21.98 0.26 -2.77	21.93 0.17 -2.77	23.94 0.05 -2.97	21.86 -0.02 3.09	31.54 0.00 -3.43	30.96 0.16 -3.52	27.28 0.23 -3.30	26.35 0.06 -3.11	24.47 0.02 -2.94	22.35 0.05 -2.81	18.76 0.08 -0.70	21.84 0.14 0.00	25.86 0.27 0.00	29.11 0.25 -1.31	35.30 -0.30 -3.62	36.70 0.09 -3.80	29.10 0.07 -3.29	32.03 0.27 -3.44	29.56 0.27 -3.25	27.72 0.39 -0.84	26.56 0.69 0.00
BRANSCOMB___SOLAR 323811	41.68 1.59 0.00	52.27 1.89 0.00	24.72 0.90 0.00	19.66 0.72 0.00	19.75 0.77 0.00	21.83 0.90 0.00	26.11 1.15 0.00	29.49 1.39 0.00	28.37 1.09 0.00	24.69 0.94 0.00	24.03 0.85 0.00	22.22 0.71 0.00	20.12 0.61 0.00	18.54 0.57 0.00	22.53 0.83 0.00	26.72 1.14 0.00	28.85 1.30 0.00	33.83 1.85 0.00	34.47 1.66 0.00	26.94 1.20 0.00	29.62 1.30 0.00	27.23 1.19 0.00	27.46 0.98 0.00	26.80 0.93 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	47.79 4.18 -3.53	55.38 4.99 0.00	26.10 2.29 0.00	20.59 1.65 0.00	20.76 1.77 0.00	22.91 1.99 0.00	27.54 2.57 0.00	73.77 3.13 -42.53	30.00 2.72 0.00	26.14 2.39 0.00	25.38 2.19 0.00	23.44 1.94 0.00	21.29 1.79 0.00	19.70 1.73 0.00	26.92 2.11 -3.12	28.12 2.50 -0.04	30.41 2.74 -0.12	35.59 3.60 0.00	36.04 3.23 0.00	28.29 2.54 0.00	30.99 2.67 0.00	28.52 2.48 0.00	28.76 2.28 0.00	27.97 2.10 0.00



BRISTLHL_115KV_TB1 79998	38.87 -1.22 0.00	48.83 -1.55 0.00	23.10 -0.72 0.00	18.40 -0.54 0.00	18.45 -0.53 0.00	20.37 -0.55 0.00	24.30 -0.66 0.00	27.32 -0.78 0.00	26.42 -0.86 0.00	22.95 -0.80 0.00	22.47 -0.72 0.00	20.85 -0.65 0.00	18.94 -0.56 0.00	17.46 -0.52 0.00	21.07 -0.63 0.00	24.82 -0.77 0.00	26.76 -0.79 0.00	31.21 -0.76 0.00	31.91 -0.90 0.00	25.03 -0.71 0.00	27.54 -0.78 0.00	25.32 -0.73 0.00	25.84 -0.65 0.00	25.18 -0.69 0.00
BROOKHAVEN___DRP 24191	47.57 3.96 -3.53	55.05 4.67 0.00	25.95 2.13 0.00	20.46 1.52 0.00	20.63 1.65 0.00	22.79 1.87 0.00	27.36 2.40 0.00	73.52 2.89 -42.53	29.67 2.39 0.00	25.86 2.11 0.00	25.00 1.81 0.00	23.09 1.58 0.00	20.96 1.46 0.00	19.51 1.53 0.00	26.76 1.94 -3.12	27.98 2.36 -0.04	30.18 2.51 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.93 2.19 0.00	30.59 2.27 0.00	28.23 2.18 0.00	28.49 2.01 0.00	27.77 1.91 0.00
BROOKLYN_NAVY_YARD 23515	43.43 3.34 0.00	54.54 4.15 0.00	25.67 1.85 0.00	20.35 1.40 0.00	20.44 1.46 0.00	22.53 1.61 0.00	26.94 1.98 0.00	30.59 2.48 0.00	29.52 2.24 0.00	25.69 1.94 0.00	25.06 1.87 0.00	23.25 1.74 0.00	21.07 1.55 -0.02	19.36 1.38 0.00	24.18 1.55 -0.93	27.42 1.83 0.00	29.64 2.09 0.00	34.84 2.86 0.00	35.31 2.50 0.00	27.66 1.92 0.00	30.31 1.99 0.00	27.87 1.83 0.00	28.05 1.56 0.00	27.26 1.39 0.00
BROOKLYN___ARMY_DRP 323595	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
BROOKVLE_69_KV_TB1 55790	47.40 3.79 -3.53	55.03 4.64 0.00	25.95 2.14 0.00	20.51 1.57 0.00	20.63 1.65 0.00	22.78 1.86 0.00	27.37 2.41 0.00	73.61 2.97 -42.53	29.88 2.60 0.00	26.02 2.27 0.00	25.35 2.17 0.00	23.45 1.94 0.00	21.25 1.75 0.00	19.60 1.63 0.00	26.77 1.95 -3.12	27.94 2.32 -0.04	30.23 2.57 -0.12	35.39 3.41 0.00	35.89 3.08 0.00	28.16 2.42 0.00	30.87 2.55 0.00	28.37 2.32 0.00	28.59 2.10 0.00	27.76 1.89 0.00
BROOME_2_LFGE 323671	39.79 -0.29 0.00	49.99 -0.40 0.00	23.62 -0.19 0.00	18.79 -0.16 0.00	18.84 -0.14 0.00	20.82 -0.10 0.00	24.92 -0.05 0.00	28.11 0.01 0.00	27.16 -0.12 0.00	23.60 -0.15 0.00	23.19 0.00 0.00	21.50 0.00 0.00	19.49 -0.01 0.00	17.96 -0.01 0.00	21.70 0.00 0.00	25.53 -0.05 0.00	27.47 -0.07 0.00	32.11 0.13 0.00	32.70 -0.12 0.00	26.15 -0.06 -0.48	28.99 -0.10 -0.77	26.12 -0.07 -0.14	26.57 -0.02 -0.11	25.72 -0.14 0.00
BROOME___LFGE 323600	39.79 -0.29 0.00	49.99 -0.40 0.00	23.62 -0.19 0.00	18.79 -0.16 0.00	18.84 -0.14 0.00	20.82 -0.10 0.00	24.92 -0.05 0.00	28.11 0.01 0.00	27.16 -0.12 0.00	23.60 -0.15 0.00	23.19 0.00 0.00	21.50 0.00 0.00	19.49 -0.01 0.00	17.96 -0.01 0.00	21.70 0.00 0.00	25.53 -0.05 0.00	27.47 -0.07 0.00	32.11 0.13 0.00	32.70 -0.12 0.00	26.15 -0.06 -0.48	28.99 -0.10 -0.77	26.12 -0.07 -0.14	26.57 -0.02 -0.11	25.72 -0.14 0.00
BROWNFLS_115KV_TB_3_5 80003	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.42 -0.74 -4.17	24.45 -0.94 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00
BROWNSV1_27_KV_LOAD 356125	43.74 3.65 0.00	54.89 4.50 0.00	25.85 2.04 0.00	20.48 1.54 0.00	20.57 1.59 0.00	22.67 1.75 0.00	27.15 2.19 0.00	30.84 2.73 0.00	29.73 2.45 0.00	25.91 2.16 0.00	25.29 2.10 0.00	23.44 1.94 0.00	21.24 1.72 -0.02	19.50 1.53 0.00	24.37 1.74 -0.93	27.66 2.07 0.00	29.91 2.36 0.00	35.15 3.17 0.00	35.60 2.79 0.00	27.92 2.17 0.00	30.57 2.25 0.00	28.11 2.07 0.00	28.30 1.81 0.00	27.49 1.63 0.00
BURROWS___LYONSDAL 23803	41.21 -0.70 -1.82	51.58 -0.93 -2.13	24.71 -0.45 -1.34	19.81 -0.34 -1.20	19.83 -0.35 -1.20	21.86 -0.35 -1.29	25.35 -0.22 -0.61	29.46 -0.13 -1.48	28.71 -0.08 -1.52	24.94 -0.23 -1.42	23.97 -0.55 -1.34	22.18 -0.60 -1.27	20.16 -0.56 -1.21	17.77 -0.50 -0.30	21.10 -0.60 0.00	25.06 -0.53 0.00	27.74 -0.37 -0.57	33.25 -0.29 -1.56	34.11 -0.34 -1.64	26.89 -0.28 -1.42	29.44 -0.37 -1.48	27.08 -0.37 -1.40	26.45 -0.40 -0.36	25.57 -0.30 0.00
CAITHNESS_CC_1 323624	47.50 3.89 -3.53	54.99 4.61 0.00	25.91 2.10 0.00	20.44 1.50 0.00	20.61 1.62 0.00	22.75 1.83 0.00	27.33 2.36 0.00	73.50 2.86 -42.53	29.67 2.39 0.00	25.86 2.11 0.00	25.02 1.83 0.00	23.12 1.62 0.00	21.00 1.50 0.00	19.51 1.53 0.00	26.74 1.92 -3.12	27.93 2.31 -0.04	30.15 2.48 -0.12	35.09 3.11 0.00	35.56 2.75 0.00	27.94 2.19 0.00	30.60 2.28 0.00	28.22 2.18 0.00	28.47 1.98 0.00	27.74 1.87 0.00
CALPINE BETH_PAGE_GT4 24209	47.33 3.72 -3.53	54.86 4.48 0.00	25.87 2.06 0.00	20.44 1.49 0.00	20.57 1.59 0.00	22.70 1.78 0.00	27.27 2.31 0.00	73.46 2.82 -42.53	29.73 2.45 0.00	25.89 2.14 0.00	25.19 2.00 0.00	23.27 1.77 0.00	21.11 1.61 0.00	19.50 1.52 0.00	26.65 1.83 -3.12	27.80 2.18 -0.04	30.12 2.45 -0.12	35.28 3.29 0.00	35.73 2.92 0.00	28.03 2.29 0.00	30.71 2.39 0.00	28.24 2.19 0.00	28.46 1.97 0.00	27.66 1.79 0.00
CALPINE_BETH_PAGE_GT_4 323586	47.33 3.72 -3.53	54.86 4.48 0.00	25.87 2.06 0.00	20.43 1.49 0.00	20.57 1.59 0.00	22.70 1.78 0.00	27.27 2.31 0.00	73.45 2.81 -42.53	29.73 2.45 0.00	25.89 2.14 0.00	25.18 2.00 0.00	23.27 1.77 0.00	21.11 1.61 0.00	19.50 1.52 0.00	26.64 1.82 -3.12	27.80 2.18 -0.04	30.12 2.45 -0.12	35.27 3.29 0.00	35.73 2.92 0.00	28.03 2.29 0.00	30.71 2.39 0.00	28.24 2.19 0.00	28.46 1.97 0.00	27.66 1.79 0.00
CALPINE_BP_GT1 23823	47.33 3.72 -3.53	54.86 4.48 0.00	25.87 2.06 0.00	20.43 1.49 0.00	20.57 1.59 0.00	22.70 1.78 0.00	27.27 2.31 0.00	73.45 2.81 -42.53	29.73 2.45 0.00	25.89 2.14 0.00	25.18 2.00 0.00	23.27 1.77 0.00	21.11 1.61 0.00	19.50 1.52 0.00	26.64 1.82 -3.12	27.80 2.18 -0.04	30.12 2.45 -0.12	35.27 3.29 0.00	35.73 2.92 0.00	28.03 2.29 0.00	30.71 2.39 0.00	28.24 2.19 0.00	28.46 1.97 0.00	27.66 1.79 0.00
CALSPAN___DRP 24200	35.78 -3.61 0.69	44.23 -4.58 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.22 -1.76 0.00	19.08 -1.84 0.00	22.66 -2.30 0.00	25.37 -2.74 0.00	24.69 -2.59 0.00	21.73 -2.02 0.00	22.08 -1.11 0.00	20.42 -1.09 0.00	18.63 -0.87 0.00	17.21 -0.76 0.00	20.74 -0.96 0.00	24.35 -1.24 0.00	25.86 -1.68 0.00	30.11 -1.87 0.00	30.73 -2.08 0.00	24.31 -1.43 0.00	26.84 -1.48 0.00	24.55 -1.49 0.00	25.39 -1.09 0.00	24.87 -1.00 0.00

CALVERTON___SOLAR 323806	47.67 -4.06 -3.53	55.19 4.81 0.00	26.00 2.18 0.00	20.50 1.56 0.00	20.68 1.69 0.00	22.84 1.92 0.00	27.42 2.46 0.00	73.58 2.94 -42.53	29.71 2.43 0.00	25.88 2.13 0.00	24.98 1.80 0.00	23.08 1.57 0.00	20.95 1.46 0.00	19.52 1.55 0.00	26.79 1.97 -3.12	28.04 2.42 -0.04	30.24 2.57 -0.12	35.11 3.13 0.00	35.58 2.77 0.00	27.95 2.22 0.00	30.61 2.29 0.00	28.27 2.22 0.00	28.54 2.05 0.00	27.84 1.97 0.00
CANDIGU_WT_PWR 323617	34.64 -2.51 2.94	40.44 -3.27 6.67	22.20 -1.61 0.01	13.09 -1.27 4.59	17.79 -1.19 0.00	19.77 -1.15 0.00	23.75 -1.21 0.00	26.92 -1.19 0.00	25.88 -1.40 0.00	22.42 -1.33 0.00	22.14 -1.04 0.00	20.55 -0.96 0.00	18.63 -0.87 0.00	17.15 -0.83 0.00	20.75 -0.95 0.00	24.38 -1.21 0.00	26.20 -1.35 0.00	30.74 -1.24 0.00	31.30 -1.51 0.00	26.81 -0.98 -2.05	30.46 -1.17 -3.30	25.95 -0.70 -0.60	26.23 -0.73 -0.47	24.78 -1.09 0.00
CARR STREET_E_SYR 24060	39.26 -0.83 0.00	49.31 -1.07 0.00	23.31 -0.50 0.00	18.57 -0.38 0.00	18.61 -0.37 0.00	20.56 -0.36 0.00	24.55 -0.42 0.00	27.61 -0.50 0.00	26.72 -0.56 0.00	23.26 -0.49 0.00	22.82 -0.37 0.00	21.17 -0.34 0.00	19.21 -0.29 0.00	17.71 -0.27 0.00	21.35 -0.35 0.00	25.13 -0.45 0.00	27.08 -0.46 0.00	31.60 -0.38 0.00	32.27 -0.54 0.00	25.33 -0.41 0.00	27.85 -0.47 0.00	25.60 -0.44 0.00	26.12 -0.36 0.00	25.45 -0.42 0.00
CARTHAGE___PAPER 23857	41.30 -1.69 -2.91	51.54 -2.24 -3.39	24.89 -1.07 -2.14	20.03 -0.82 -1.91	20.05 -0.85 -1.91	22.05 -0.91 -2.05	24.64 -0.88 -0.55	29.63 -0.84 -2.36	28.91 -0.79 -2.42	25.07 -0.95 -2.27	23.93 -1.39 -2.14	22.15 -1.38 -2.02	20.15 -1.28 -1.93	17.30 -1.16 -0.48	20.36 -1.34 0.00	24.31 -1.28 0.00	27.41 -1.04 -0.90	33.30 -1.18 -2.49	34.26 -1.17 -2.61	27.08 -0.93 -2.26	29.61 -1.07 -2.36	27.25 -1.03 -2.23	26.05 -1.01 -0.58	25.08 -0.79 0.00
CASSADAGA_WT_PWR 323784	35.15 -4.17 0.76	43.24 -5.41 1.73	21.50 -2.31 0.00	15.92 -1.83 1.19	16.97 -2.01 0.00	18.91 -2.00 0.00	22.68 -2.28 0.00	25.11 -2.99 0.00	24.63 -2.65 0.00	21.95 -1.80 0.00	22.29 -0.90 0.00	20.61 -0.89 0.00	18.75 -0.75 0.00	17.27 -0.70 0.00	20.91 -0.79 0.00	24.68 -0.90 0.00	26.03 -1.52 0.00	30.26 -1.72 0.00	30.90 -1.91 0.00	21.89 -1.33 2.52	23.10 -1.16 4.06	24.08 -1.23 0.73	25.12 -0.78 0.58	25.14 -0.73 0.00
CE_DUNWOOD___DRP 24194	43.02 2.94 0.00	54.02 3.63 0.00	25.47 1.65 0.00	20.16 1.22 0.00	20.24 1.26 0.00	22.30 1.38 0.00	26.72 1.76 0.00	30.30 2.19 0.00	29.22 1.94 0.00	25.44 1.68 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.14 1.17 0.00	24.04 1.35 -1.00	27.21 1.62 0.00	29.42 1.87 0.00	34.57 2.59 0.00	35.05 2.24 0.00	27.46 1.72 0.00	30.10 1.78 0.00	27.69 1.65 0.00	27.90 1.42 0.00	27.12 1.25 0.00
CE_MILLWOOD___DRP 24193	42.90 2.81 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.19 1.21 0.00	22.26 1.34 0.00	26.66 1.70 0.00	30.23 2.12 0.00	29.15 1.87 0.00	25.37 1.62 0.00	24.75 1.57 0.00	22.93 1.42 0.00	20.75 1.25 0.00	19.09 1.11 0.00	24.03 1.29 -1.04	27.14 1.55 0.00	29.35 1.80 0.00	34.49 2.51 0.00	34.97 2.16 0.00	27.40 1.66 0.00	30.04 1.71 0.00	27.63 1.58 0.00	27.85 1.37 0.00	27.07 1.20 0.00
CE_NYC2_DRP 24202	43.51 3.41 -0.01	54.62 4.23 -0.01	25.74 1.91 -0.01	20.78 1.44 -0.40	20.47 1.49 0.00	22.57 1.65 0.00	27.00 2.04 0.00	30.66 2.55 0.00	29.57 2.29 -0.01	102.45 2.01 -76.69	25.14 1.95 -0.01	23.30 1.79 -0.01	21.10 1.58 -0.02	19.38 1.41 0.00	24.23 1.60 -0.93	27.49 1.90 0.00	29.73 2.18 0.00	34.94 2.96 0.00	35.40 2.59 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.90 0.00	28.14 1.65 0.00	27.36 1.49 0.00
CE_NYC_DRP 24195	43.40 3.31 0.00	54.51 4.12 0.00	25.68 1.86 0.00	20.33 1.39 0.00	20.42 1.44 0.00	22.49 1.57 0.00	26.91 1.95 0.00	30.56 2.45 0.00	29.46 2.18 0.00	25.67 1.92 0.00	25.05 1.87 0.00	23.23 1.72 0.00	21.05 1.53 -0.02	19.33 1.35 0.00	24.15 1.53 -0.93	27.40 1.82 0.00	29.63 2.08 0.00	34.83 2.84 0.00	35.27 2.46 0.00	27.64 1.90 0.00	30.29 1.97 0.00	27.85 1.81 0.00	28.05 1.56 0.00	27.25 1.38 0.00
CHAFFEE___LFGE 323603	35.93 -3.42 0.73	44.35 -4.37 1.66	21.78 -2.03 0.00	16.23 -1.57 1.14	17.30 -1.68 0.00	19.18 -1.74 0.00	22.81 -2.15 0.00	25.50 -2.60 0.00	24.86 -2.42 0.00	21.85 -1.91 0.00	22.16 -1.02 0.00	20.48 -1.02 0.00	18.67 -0.83 0.00	17.25 -0.73 0.00	20.79 -0.91 0.00	24.40 -1.18 0.00	25.96 -1.58 0.00	30.24 -1.74 0.00	30.87 -1.94 0.00	22.09 -1.31 2.34	23.18 -1.37 3.78	23.97 -1.40 0.68	24.92 -1.02 0.54	24.91 -0.95 0.00
CHATEAUG_35_KV_LOAD 355732	-25.37 -1.06 64.40	-26.11 -1.34 75.15	-24.25 -0.64 47.44	-23.92 -0.52 42.34	-23.93 -0.60 42.32	-25.18 -0.74 45.36	-26.11 -0.89 50.19	-25.23 -0.96 52.38	-27.00 -0.63 53.65	-27.07 -0.55 50.27	-24.91 -0.69 47.40	-24.06 -0.69 44.88	-23.92 -0.63 42.80	6.86 -0.49 10.62	21.28 -0.42 0.00	25.19 -0.39 0.00	6.80 -0.77 19.98	-24.74 -1.44 55.28	-26.21 -1.06 57.96	-25.28 -0.80 50.23	-24.96 -0.86 52.42	-24.31 -0.81 49.54	12.98 -0.64 12.86	25.97 0.11 0.00
CHATEAUG_WT_PWR 323614	-21.15 -1.35 59.89	-21.24 -1.74 69.89	-21.12 -0.82 44.12	-21.09 -0.66 39.37	-21.12 -0.75 39.35	-22.18 -0.91 42.18	-23.39 -1.11 47.24	-21.84 -1.23 48.71	-23.54 -0.93 49.89	-23.78 -0.78 46.75	-21.78 -0.88 44.08	-21.05 -0.83 41.73	-21.04 -0.74 39.80	7.53 -0.57 9.87	21.19 -0.51 0.00	25.10 -0.49 0.00	8.03 -0.94 18.58	-21.09 -1.66 51.41	-22.45 -1.36 53.91	-22.00 -1.04 46.71	-21.56 -1.13 48.75	-21.06 -1.03 46.07	13.70 -0.83 11.96	25.87 0.00 0.00
CHAT_HIGH_FALL_HYD 323578	-25.38 -1.06 64.40	-26.13 -1.36 75.15	-24.26 -0.64 47.44	-23.92 -0.52 42.34	-23.93 -0.60 42.32	-25.18 -0.74 45.36	-26.12 -0.89 50.19	-25.23 -0.96 52.38	-27.02 -0.64 53.65	-27.07 -0.55 50.27	-24.91 -0.70 47.40	-24.07 -0.70 44.88	-23.93 -0.63 42.80	6.86 -0.49 10.62	21.28 -0.42 0.00	25.20 -0.39 0.00	6.80 -0.77 19.98	-24.74 -1.44 55.28	-26.22 -1.07 57.96	-25.29 -0.81 50.23	-24.96 -0.86 52.42	-24.31 -0.82 49.54	12.98 -0.64 12.86	25.97 0.10 0.00
CHAUTAUQUA___LFGE 323629	35.56 -3.79 0.74	43.85 -4.85 1.69	21.61 -2.20 0.00	16.05 -1.73 1.16	17.15 -1.83 0.00	19.06 -1.86 0.00	22.72 -2.24 0.00	25.35 -2.76 0.00	24.75 -2.52 0.00	21.87 -1.88 0.00	22.17 -1.02 0.00	20.47 -1.03 0.00	18.65 -0.85 0.00	17.21 -0.77 0.00	20.79 -0.91 0.00	24.43 -1.15 0.00	25.95 -1.60 0.00	30.27 -1.72 0.00	30.89 -1.92 0.00	21.98 -1.34 2.42	23.10 -1.31 3.90	24.00 -1.34 0.71	24.97 -0.96 0.56	24.97 -0.89 0.00
CHERRYST_13_KV_LD 356241	43.47 3.39 0.00	54.62 4.24 0.00	25.74 1.92 0.00	20.38 1.44 0.00	20.47 1.49 0.00	22.54 1.62 0.00	26.98 2.02 0.00	30.64 2.54 0.00	29.55 2.27 0.00	25.75 2.00 0.00	25.14 1.95 0.00	23.31 1.81 0.00	21.12 1.60 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.49 1.91 0.00	29.73 2.18 0.00	34.93 2.96 0.00	35.38 2.57 0.00	27.73 1.99 0.00	30.37 2.05 0.00	27.92 1.87 0.00	28.11 1.63 0.00	27.32 1.45 0.00

CHESTROR_138KV_BK263 355645	42.27 2.18 0.00	53.09 2.71 0.00	25.06 1.24 0.00	19.86 0.92 0.00	19.96 0.98 0.00	22.03 1.11 0.00	26.38 1.42 0.00	29.87 1.77 0.00	28.83 1.55 0.00	25.06 1.31 0.00	24.46 1.27 0.00	22.64 1.14 0.00	20.49 0.99 0.00	18.85 0.87 0.00	21.53 1.01 1.18	26.83 1.25 0.00	29.02 1.47 0.00	34.08 2.10 0.00	34.60 1.79 0.00	27.10 1.36 0.00	29.71 1.39 0.00	27.35 1.30 0.00	27.59 1.11 0.00	26.83 0.96 0.00
CH_MIDHUDSON___DRP 24192	42.89 2.81 0.00	53.83 3.44 0.00	25.39 1.58 0.00	20.13 1.19 0.00	20.22 1.24 0.00	22.30 1.38 0.00	26.69 1.73 0.00	30.27 2.16 0.00	29.18 1.90 0.00	25.30 1.55 0.00	24.66 1.48 0.00	22.84 1.34 0.00	20.69 1.19 0.00	19.00 1.03 0.00	22.92 1.22 0.00	27.08 1.50 0.00	29.29 1.74 0.00	34.41 2.43 0.00	34.93 2.12 0.00	27.37 1.62 0.00	30.01 1.69 0.00	27.61 1.56 0.00	27.83 1.34 0.00	27.04 1.17 0.00
CH_MISC_IPPS 23765	43.01 2.92 0.00	53.99 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.04 0.00	25.46 1.71 0.00	24.82 1.63 0.00	22.98 1.48 0.00	20.80 1.30 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.46 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.53 1.79 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00
CH_RES_BVR_FALLS 23983	39.07 -1.02 0.00	49.11 -1.27 0.00	23.22 -0.59 0.00	18.46 -0.48 0.00	18.48 -0.50 0.00	20.32 -0.60 0.00	14.01 -0.73 10.23	27.28 -0.82 0.00	26.59 -0.69 0.00	23.20 -0.55 0.00	22.56 -0.63 0.00	20.93 -0.57 0.00	18.99 -0.52 0.00	17.53 -0.45 0.00	21.15 -0.55 0.00	24.93 -0.65 0.00	26.80 -0.75 0.00	30.85 -1.13 0.00	31.86 -0.95 0.00	25.02 -0.72 0.00	27.61 -0.71 0.00	25.39 -0.66 0.00	25.94 -0.54 0.00	25.63 -0.24 0.00
CH_RES_NIAGARA 23895	34.48 -4.97 0.64	42.65 -6.29 1.44	20.86 -2.96 0.00	15.67 -2.28 0.99	16.53 -2.45 0.00	18.33 -2.59 0.00	21.70 -3.26 0.00	24.28 -3.82 0.00	23.65 -3.63 0.00	20.82 -2.93 0.00	21.21 -1.98 0.00	19.59 -1.91 0.00	17.92 -1.58 0.00	16.58 -1.39 0.00	19.95 -1.75 0.00	23.34 -2.24 0.00	24.77 -2.78 0.00	28.74 -3.24 0.00	29.38 -3.43 0.00	21.49 -2.42 1.83	22.91 -2.46 2.95	22.98 -2.53 0.54	23.98 -2.08 0.42	24.03 -1.84 0.00
CH_RES_SYRACUSE 23985	39.76 -0.32 0.00	49.91 -0.48 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.02 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.42 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.05 0.00	25.74 0.00 0.00	28.32 0.00 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
CLINTON_WT_PWR 323605	-21.15 -1.35 59.89	-21.24 -1.74 69.89	-21.12 -0.82 44.12	-21.09 -0.66 39.37	-21.12 -0.75 39.35	-22.18 -0.91 42.18	-23.39 -1.11 47.24	-21.84 -1.23 48.71	-23.54 -0.93 49.89	-23.78 -0.78 46.75	-21.78 -0.88 44.08	-21.05 -0.83 41.73	-21.04 -0.74 39.80	7.53 -0.57 9.87	21.19 -0.51 0.00	25.10 -0.49 0.00	8.03 -0.94 18.58	-21.09 -1.66 51.41	-22.45 -1.36 53.91	-22.00 -1.04 46.71	-21.56 -1.13 48.75	-21.06 -1.03 46.07	13.70 -0.83 11.96	25.87 0.00 0.00
CLINTON___LFGE 323618	-21.71 -0.73 61.07	-21.86 -0.98 71.26	-21.61 -0.44 44.98	-21.57 -0.36 40.15	-21.62 -0.48 40.13	-22.71 -0.61 43.02	-23.80 -0.76 48.01	-22.36 -0.80 49.67	-24.10 -0.51 50.88	-24.38 -0.46 47.67	-22.37 -0.61 44.95	-21.69 -0.64 42.55	-21.67 -0.58 40.59	7.48 -0.42 10.07	21.40 -0.30 0.00	25.37 -0.21 0.00	7.97 -0.64 18.94	-21.70 -1.26 52.42	-23.10 -0.95 54.97	-22.60 -0.71 47.63	-22.19 -0.80 49.71	-21.69 -0.75 46.98	13.70 -0.58 12.20	26.16 0.29 0.00
COBBLENY_34_KV_TB1 80064	35.94 -3.42 0.73	44.38 -4.35 1.66	21.78 -2.03 0.00	16.23 -1.57 1.14	17.30 -1.68 0.00	19.17 -1.75 0.00	22.80 -2.17 0.00	25.50 -2.61 0.00	24.86 -2.42 0.00	21.84 -1.91 0.00	22.16 -1.03 0.00	20.48 -1.02 0.00	18.69 -0.82 0.00	17.25 -0.73 0.00	20.79 -0.91 0.00	24.41 -1.18 0.00	25.96 -1.59 0.00	30.23 -1.75 0.00	30.85 -1.96 0.00	24.42 -1.33 0.00	26.93 -1.39 0.00	24.65 -1.40 0.00	25.46 -1.03 0.00	24.90 -0.96 0.00
COFFEEN___115KV_TB3 355620	40.56 -1.94 -2.42	50.63 -2.57 -2.82	24.36 -1.24 -1.78	19.58 -0.95 -1.59	19.61 -0.96 -1.59	21.62 -1.01 -1.70	24.47 -0.96 -0.47	29.13 -0.95 -1.97	28.33 -0.96 -2.01	24.43 -1.21 -1.88	23.37 -1.59 -1.78	21.62 -1.57 -1.68	19.65 -1.46 -1.61	17.05 -1.32 -0.40	20.16 -1.54 0.00	24.11 -1.48 0.00	27.18 -1.12 -0.75	32.90 -1.15 -2.07	33.78 -1.21 -2.17	26.66 -0.97 -1.88	29.15 -1.14 -1.97	26.81 -1.10 -1.86	25.88 -1.08 -0.48	24.91 -0.96 0.00
COLDSPRG_115KV_BK1 355956	37.13 -2.16 0.79	45.70 -2.88 1.80	22.57 -1.24 0.00	16.74 -0.96 1.24	17.87 -1.11 0.00	19.81 -1.11 0.00	23.74 -1.22 0.00	26.46 -1.65 0.00	25.88 -1.40 0.00	22.95 -0.80 0.00	23.24 0.06 0.00	21.50 0.00 0.00	19.56 0.06 0.00	18.03 0.06 0.00	21.78 0.08 0.00	25.67 0.08 0.00	27.22 -0.33 0.00	31.69 -0.29 0.00	32.23 -0.58 0.00	25.42 -0.32 0.00	28.12 -0.20 0.00	25.71 -0.34 0.00	26.56 0.07 0.00	25.90 0.04 0.00
COLONIE_LFGE___ 323577	41.43 1.34 0.00	51.95 1.57 0.00	24.58 0.77 0.00	19.55 0.61 0.00	19.63 0.65 0.00	21.66 0.74 0.00	25.86 0.90 0.00	29.24 1.14 0.00	28.20 0.92 0.00	24.49 0.74 0.00	23.87 0.68 0.00	22.12 0.62 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.36 0.66 0.00	26.41 0.82 0.00	28.44 0.89 0.00	33.35 1.37 0.00	34.00 1.19 0.00	26.60 0.86 0.00	29.31 0.99 0.00	26.92 0.87 0.00	27.13 0.64 0.00	26.42 0.55 0.00
COOPERNY_115KV_TB1 80082	41.67 1.59 0.00	52.39 2.01 0.00	24.73 0.91 0.00	19.61 0.67 0.00	19.70 0.72 0.00	21.75 0.82 0.00	26.02 1.06 0.00	29.43 1.32 0.00	28.42 1.14 0.00	24.72 0.97 0.00	24.14 0.96 0.00	22.35 0.85 0.00	20.23 0.73 0.00	18.62 0.65 0.00	21.92 0.74 0.52	26.50 0.91 0.00	28.62 1.07 0.00	33.54 1.56 0.00	34.10 1.30 0.00	26.73 0.99 0.00	29.33 1.01 0.00	27.00 0.95 0.00	27.30 0.82 0.00	26.57 0.70 0.00
COPENHAGEN_WT_PWR 323753	39.75 -2.63 -2.29	49.64 -3.41 -2.67	23.88 -1.62 -1.69	19.19 -1.25 -1.50	19.22 -1.27 -1.50	21.17 -1.36 -1.61	23.98 -1.43 -0.45	28.46 -1.50 -1.86	27.69 -1.49 -1.91	23.94 -1.60 -1.78	22.96 -1.91 -1.68	21.26 -1.84 -1.59	19.33 -1.69 -1.52	16.81 -1.54 -0.38	19.89 -1.81 0.00	23.71 -1.88 0.00	26.60 -1.66 -0.71	32.13 -1.81 -1.96	32.99 -1.88 -2.06	26.04 -1.48 -1.78	28.48 -1.70 -1.86	26.21 -1.59 -1.76	25.38 -1.57 -0.46	24.48 -1.38 0.00
CORNELL_____ 23752	44.24 0.24 -3.91	59.49 0.24 -8.87	23.92 0.09 -0.01	25.13 0.09 -6.10	19.08 0.10 0.00	21.13 0.21 0.00	25.34 0.38 0.00	28.61 0.51 0.00	27.61 0.33 0.00	23.85 0.10 0.00	23.37 0.18 0.00	21.62 0.12 0.00	19.60 0.10 0.00	18.07 0.09 0.00	21.85 0.15 0.00	25.85 0.26 0.00	27.93 0.38 0.00	32.66 0.68 0.00	33.29 0.48 0.00	26.16 0.42 0.00	28.78 0.46 0.00	26.46 0.41 0.00	26.92 0.44 0.00	26.15 0.28 0.00

CORONA V_69_KV_TB1 355595	47.19 3.58 -3.53	54.77 4.39 0.00	25.87 2.05 0.00	20.44 1.50 0.00	20.56 1.58 0.00	22.69 1.77 0.00	27.24 2.28 0.00	73.44 2.80 -42.53	29.69 2.40 0.00	25.85 2.10 0.00	25.21 2.02 0.00	23.30 1.79 0.00	21.11 1.61 0.00	19.48 1.50 0.00	26.61 1.79 -3.12	27.78 2.16 -0.04	30.12 2.45 -0.12	35.24 3.26 0.00	35.72 2.91 0.00	28.00 2.26 0.00	30.75 2.43 0.00	28.27 2.22 0.00	28.50 2.02 0.00	27.66 1.79 0.00
CORTLAND_115KV_TB3 80093	41.12 -0.01 -1.05	52.70 -0.07 -2.39	23.77 -0.04 0.00	20.57 -0.02 -1.64	18.98 0.00 0.00	20.99 0.07 0.00	25.13 0.17 0.00	28.35 0.24 0.00	27.39 0.11 0.00	23.72 -0.03 0.00	23.22 0.03 0.00	21.51 0.01 0.00	19.50 0.00 0.00	17.97 0.00 0.00	21.72 0.03 0.00	25.64 0.05 0.00	27.69 0.14 0.00	32.38 0.39 0.00	33.02 0.21 0.00	25.92 0.18 0.00	28.49 0.17 0.00	26.20 0.15 0.00	26.66 0.18 0.00	25.93 0.06 0.00
COXSACKIE__GT 23611	42.69 2.60 0.00	53.53 3.14 0.00	25.37 1.55 0.00	20.24 1.29 0.00	20.30 1.32 0.00	22.44 1.52 0.00	26.78 1.82 0.00	30.29 2.19 0.00	29.30 2.02 0.00	25.05 1.30 0.00	24.17 0.99 0.00	22.41 0.91 0.00	20.29 0.79 0.00	18.73 0.75 0.00	22.79 1.09 0.00	27.10 1.52 0.00	29.55 2.01 0.00	34.74 2.76 0.00	35.38 2.58 0.00	27.75 2.01 0.00	30.51 2.19 0.00	27.92 1.88 0.00	28.12 1.63 0.00	27.29 1.42 0.00
CPV_VALLEY__CC1 323721	41.90 1.81 0.00	52.65 2.27 0.00	24.86 1.04 0.00	19.70 0.76 0.00	19.80 0.82 0.00	21.85 0.93 0.00	26.14 1.18 0.00	29.59 1.49 0.00	28.56 1.28 0.00	24.86 1.10 0.00	24.27 1.08 0.00	22.48 0.98 0.00	20.33 0.84 0.00	18.71 0.74 0.00	21.81 0.85 0.73	26.62 1.04 0.00	28.76 1.21 0.00	33.75 1.77 0.00	34.27 1.46 0.00	26.85 1.11 0.00	29.46 1.14 0.00	27.11 1.07 0.00	27.36 0.87 0.00	26.62 0.75 0.00
CPV_VALLEY__CC2 323722	41.90 1.81 0.00	52.65 2.27 0.00	24.86 1.04 0.00	19.70 0.76 0.00	19.80 0.82 0.00	21.85 0.93 0.00	26.14 1.18 0.00	29.59 1.49 0.00	28.56 1.28 0.00	24.86 1.10 0.00	24.27 1.08 0.00	22.48 0.98 0.00	20.33 0.84 0.00	18.71 0.74 0.00	21.81 0.85 0.73	26.62 1.04 0.00	28.76 1.21 0.00	33.75 1.77 0.00	34.27 1.46 0.00	26.85 1.11 0.00	29.46 1.14 0.00	27.11 1.07 0.00	27.36 0.87 0.00	26.62 0.75 0.00
CRESCENT__HYD 24018	41.43 1.34 0.00	51.95 1.57 0.00	24.58 0.77 0.00	19.55 0.61 0.00	19.63 0.65 0.00	21.66 0.74 0.00	25.86 0.90 0.00	29.24 1.14 0.00	28.20 0.92 0.00	24.49 0.74 0.00	23.87 0.68 0.00	22.12 0.62 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.36 0.66 0.00	26.41 0.82 0.00	28.44 0.89 0.00	33.35 1.37 0.00	34.00 1.19 0.00	26.60 0.86 0.00	29.31 0.99 0.00	26.92 0.87 0.00	27.13 0.64 0.00	26.42 0.55 0.00
CRICKET__VALLEY_CC1 323756	42.46 2.37 0.00	53.24 2.86 0.00	25.12 1.30 0.00	19.94 1.00 0.00	20.02 1.04 0.00	22.04 1.12 0.00	26.28 1.32 0.00	29.81 1.70 0.00	28.73 1.45 0.00	25.00 1.25 0.00	24.32 1.13 0.00	22.54 1.04 0.00	20.42 0.92 0.00	18.75 0.77 0.00	22.98 0.93 -0.35	26.73 1.15 0.00	28.91 1.36 0.00	34.02 2.04 0.00	34.53 1.73 0.00	27.04 1.30 0.00	29.64 1.32 0.00	27.32 1.27 0.00	27.51 1.02 0.00	26.72 0.85 0.00
CRICKET__VALLEY_CC2 323757	42.46 2.37 0.00	53.24 2.86 0.00	25.12 1.30 0.00	19.94 1.00 0.00	20.02 1.04 0.00	22.04 1.12 0.00	26.28 1.32 0.00	29.81 1.70 0.00	28.73 1.45 0.00	25.00 1.25 0.00	24.32 1.13 0.00	22.54 1.04 0.00	20.42 0.92 0.00	18.75 0.77 0.00	22.98 0.93 -0.35	26.73 1.15 0.00	28.91 1.36 0.00	34.02 2.04 0.00	34.53 1.73 0.00	27.04 1.30 0.00	29.64 1.32 0.00	27.32 1.27 0.00	27.51 1.02 0.00	26.72 0.85 0.00
CRICKET__VALLEY_CC3 323758	42.46 2.37 0.00	53.24 2.86 0.00	25.12 1.30 0.00	19.94 1.00 0.00	20.02 1.04 0.00	22.04 1.12 0.00	26.28 1.32 0.00	29.81 1.70 0.00	28.73 1.45 0.00	25.00 1.25 0.00	24.32 1.13 0.00	22.54 1.04 0.00	20.42 0.92 0.00	18.75 0.77 0.00	22.98 0.93 -0.35	26.73 1.15 0.00	28.91 1.36 0.00	34.02 2.04 0.00	34.53 1.73 0.00	27.04 1.30 0.00	29.64 1.32 0.00	27.32 1.27 0.00	27.51 1.02 0.00	26.72 0.85 0.00
CRUCIBLE_METL_DRP 24180	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
DAHOWA__HYDRO 323763	41.71 1.63 0.00	52.31 1.93 0.00	24.73 0.92 0.00	19.68 0.74 0.00	19.77 0.79 0.00	21.86 0.93 0.00	26.16 1.20 0.00	29.54 1.44 0.00	28.40 1.12 0.00	24.75 1.00 0.00	24.09 0.91 0.00	22.25 0.75 0.00	20.14 0.64 0.00	18.58 0.60 0.00	22.59 0.89 0.00	26.81 1.22 0.00	28.96 1.41 0.00	33.97 1.99 0.00	34.59 1.78 0.00	27.02 1.28 0.00	29.70 1.37 0.00	27.31 1.26 0.00	27.54 1.05 0.00	26.89 1.02 0.00
DANC__LFGE 323619	39.60 -2.07 -1.57	49.54 -2.68 -1.84	23.72 -1.26 -1.16	19.00 -0.98 -1.04	19.03 -0.98 -1.04	20.98 -1.06 -1.11	24.14 -1.15 -0.33	28.15 -1.24 -1.28	27.33 -1.26 -1.31	23.68 -1.30 -1.23	22.90 -1.44 -1.16	21.24 -1.36 -1.10	19.30 -1.25 -1.04	17.09 -1.14 -0.26	20.35 -1.35 0.00	24.12 -1.46 0.00	26.69 -1.34 -0.49	31.91 -1.42 -1.35	32.71 -1.51 -1.41	25.77 -1.20 -1.23	28.26 -1.34 -1.28	26.02 -1.24 -1.21	25.61 -1.19 -0.31	24.77 -1.10 0.00
DANSKAMMER__1 23586	43.01 2.92 0.00	53.99 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.04 0.00	25.46 1.71 0.00	24.82 1.63 0.00	22.98 1.48 0.00	20.80 1.30 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.46 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.53 1.79 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00
DANSKAMMER__2 23589	43.01 2.92 0.00	53.99 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.04 0.00	25.46 1.71 0.00	24.82 1.63 0.00	22.98 1.48 0.00	20.80 1.30 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.46 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.53 1.79 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00
DANSKAMMER__3 23590	43.01 2.92 0.00	53.99 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.04 0.00	25.46 1.71 0.00	24.82 1.63 0.00	22.98 1.48 0.00	20.80 1.30 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.46 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.53 1.79 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00

DANSKAMMER___4 23591	43.01 2.92 0.00	53.99 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.04 0.00	25.46 1.71 0.00	24.82 1.63 0.00	22.98 1.48 0.00	20.80 1.30 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.46 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.53 1.79 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00
DANSKAMMER___DIESEL 23592	43.01 2.92 0.00	53.98 3.60 0.00	25.47 1.65 0.00	20.18 1.24 0.00	20.28 1.30 0.00	22.38 1.46 0.00	26.82 1.86 0.00	30.41 2.30 0.00	29.32 2.03 0.00	25.46 1.71 0.00	24.82 1.64 0.00	22.98 1.48 0.00	20.79 1.29 0.00	19.13 1.15 0.00	23.06 1.36 0.00	27.26 1.67 0.00	29.47 1.92 0.00	34.63 2.65 0.00	35.16 2.35 0.00	27.54 1.80 0.00	30.18 1.86 0.00	27.77 1.73 0.00	28.00 1.52 0.00	27.20 1.33 0.00
DARBY___SOLAR 323810	41.67 1.58 0.00	52.27 1.89 0.00	24.72 0.90 0.00	19.67 0.73 0.00	19.75 0.77 0.00	21.83 0.91 0.00	26.11 1.15 0.00	29.49 1.39 0.00	28.36 1.08 0.00	24.70 0.95 0.00	24.05 0.86 0.00	22.22 0.71 0.00	20.11 0.61 0.00	18.55 0.57 0.00	22.54 0.84 0.00	26.74 1.16 0.00	28.87 1.33 0.00	33.86 1.89 0.00	34.49 1.68 0.00	26.96 1.22 0.00	29.63 1.32 0.00	27.25 1.20 0.00	27.48 0.99 0.00	26.83 0.96 0.00
DASHVILLE___HYD 23610	42.34 2.25 0.00	53.23 2.85 0.00	25.10 1.29 0.00	19.90 0.96 0.00	19.98 1.00 0.00	22.05 1.12 0.00	26.39 1.43 0.00	29.91 1.80 0.00	28.85 1.57 0.00	25.18 1.43 0.00	24.54 1.35 0.00	22.71 1.20 0.00	20.52 1.02 0.00	18.89 0.92 0.00	22.79 1.09 0.00	26.95 1.37 0.00	29.16 1.61 0.00	34.23 2.25 0.00	34.70 1.89 0.00	27.16 1.41 0.00	29.77 1.45 0.00	27.41 1.36 0.00	27.66 1.18 0.00	26.89 1.02 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	48.26 4.64 -3.53	55.90 5.51 0.00	26.33 2.51 0.00	20.76 1.82 0.00	20.94 1.96 0.00	23.15 2.23 0.00	27.82 2.85 0.00	74.03 3.39 -42.53	30.12 2.84 0.00	26.22 2.47 0.00	25.29 2.10 0.00	23.33 1.83 0.00	21.17 1.67 0.00	19.75 1.77 0.00	27.08 2.26 -3.12	28.42 2.81 -0.04	30.67 3.00 -0.12	35.59 3.61 0.00	36.07 3.26 0.00	28.34 2.60 0.00	31.02 2.70 0.00	28.64 2.59 0.00	28.92 2.43 0.00	28.23 2.36 0.00
DELAWARE___LFGE 323621	41.16 1.08 0.00	51.82 1.44 0.00	24.46 0.64 0.00	19.43 0.48 0.00	19.49 0.50 0.00	21.52 0.60 0.00	25.77 0.81 0.00	29.13 1.02 0.00	28.15 0.87 0.00	24.47 0.72 0.00	23.92 0.73 0.00	22.17 0.67 0.00	20.08 0.58 0.00	18.50 0.52 0.00	22.32 0.62 0.00	26.34 0.76 0.00	28.43 0.88 0.00	33.20 1.22 0.00	33.83 1.02 0.00	26.55 0.81 0.00	29.17 0.85 0.00	26.83 0.79 0.00	27.21 0.73 0.00	26.48 0.61 0.00
DERFIELD_115KV_TB7 355931	40.22 0.13 0.00	50.53 0.15 0.00	23.89 0.07 0.00	19.00 0.06 0.00	19.06 0.08 0.00	21.02 0.10 0.00	25.55 0.12 -0.47	28.27 0.17 0.00	27.39 0.11 0.00	23.81 0.06 0.00	23.22 0.04 0.00	21.55 0.05 0.00	19.54 0.04 0.00	18.00 0.03 0.00	21.74 0.04 0.00	25.64 0.05 0.00	27.63 0.08 0.00	32.20 0.22 0.00	32.94 0.13 0.00	25.83 0.09 0.00	28.41 0.09 0.00	26.12 0.07 0.00	26.50 0.02 0.00	25.86 -0.01 0.00
DOGLEVILLE___HYD 23807	40.27 0.18 0.00	50.36 -0.03 0.00	23.81 -0.01 0.00	18.96 0.01 0.00	19.08 0.10 0.00	21.12 0.20 0.00	25.80 0.37 -0.47	28.66 0.56 0.00	27.51 0.23 0.00	23.66 -0.09 0.00	22.97 -0.22 0.00	21.29 -0.21 0.00	19.29 -0.21 0.00	17.76 -0.21 0.00	21.56 -0.14 0.00	25.61 0.03 0.00	27.73 0.19 0.00	32.64 0.66 0.00	33.15 0.34 0.00	25.94 0.19 0.00	28.52 0.20 0.00	26.26 0.21 0.00	26.34 -0.14 0.00	25.50 -0.37 0.00
DUNKIRK___115KV_TB_200 55889	35.63 -3.72 0.74	43.94 -4.76 1.68	21.63 -2.18 0.00	16.08 -1.70 1.16	17.18 -1.80 0.00	19.07 -1.85 0.00	22.73 -2.23 0.00	25.38 -2.72 0.00	24.77 -2.51 0.00	21.87 -1.89 0.00	22.17 -1.02 0.00	20.47 -1.03 0.00	18.66 -0.84 0.00	17.21 -0.76 0.00	20.78 -0.92 0.00	24.42 -1.16 0.00	25.95 -1.60 0.00	30.26 -1.72 0.00	30.88 -1.93 0.00	24.40 -1.34 0.00	26.98 -1.34 0.00	24.69 -1.36 0.00	25.51 -0.98 0.00	24.95 -0.92 0.00
DUNKIRK___1 23563	35.63 -3.72 0.74	43.94 -4.76 1.68	21.63 -2.18 0.00	16.08 -1.70 1.16	17.18 -1.80 0.00	19.07 -1.85 0.00	22.73 -2.23 0.00	25.38 -2.72 0.00	24.77 -2.51 0.00	21.87 -1.89 0.00	22.17 -1.02 0.00	20.47 -1.03 0.00	18.66 -0.84 0.00	17.21 -0.76 0.00	20.78 -0.92 0.00	24.42 -1.16 0.00	25.95 -1.60 0.00	30.26 -1.72 0.00	30.88 -1.93 0.00	24.40 -1.34 0.00	26.98 -1.34 0.00	24.69 -1.36 0.00	25.51 -0.98 0.00	24.95 -0.92 0.00
DUNKIRK___2 23564	35.63 -3.72 0.74	43.94 -4.76 1.68	21.63 -2.18 0.00	16.08 -1.70 1.16	17.18 -1.80 0.00	19.07 -1.85 0.00	22.73 -2.23 0.00	25.38 -2.72 0.00	24.77 -2.51 0.00	21.87 -1.89 0.00	22.17 -1.02 0.00	20.47 -1.03 0.00	18.66 -0.84 0.00	17.21 -0.76 0.00	20.78 -0.92 0.00	24.42 -1.16 0.00	25.95 -1.60 0.00	30.26 -1.72 0.00	30.88 -1.93 0.00	24.40 -1.34 0.00	26.98 -1.34 0.00	24.69 -1.36 0.00	25.51 -0.98 0.00	24.95 -0.92 0.00
DUNKIRK___3 23565	35.79 -3.54 0.75	44.17 -4.52 1.70	21.73 -2.09 0.00	16.15 -1.62 1.17	17.26 -1.72 0.00	19.13 -1.79 0.00	22.80 -2.16 0.00	25.50 -2.61 0.00	24.83 -2.45 0.00	21.87 -1.88 0.00	22.18 -1.01 0.00	20.50 -1.01 0.00	18.67 -0.83 0.00	17.23 -0.75 0.00	20.79 -0.91 0.00	24.44 -1.15 0.00	25.96 -1.59 0.00	30.29 -1.70 0.00	30.85 -1.96 0.00	24.36 -1.38 0.00	26.92 -1.41 0.00	24.65 -1.40 0.00	25.46 -1.03 0.00	24.90 -0.97 0.00
DUNKIRK___4 23566	35.74 -3.64 0.71	44.13 -4.63 1.62	21.68 -2.14 0.00	16.17 -1.66 1.11	17.21 -1.77 0.00	19.09 -1.83 0.00	22.74 -2.22 0.00	25.42 -2.68 0.00	24.78 -2.50 0.00	21.84 -1.91 0.00	22.17 -1.02 0.00	20.48 -1.02 0.00	18.68 -0.82 0.00	17.23 -0.74 0.00	20.80 -0.90 0.00	24.44 -1.15 0.00	25.95 -1.60 0.00	30.25 -1.74 0.00	30.87 -1.95 0.00	24.39 -1.35 0.00	26.96 -1.36 0.00	24.67 -1.38 0.00	25.49 -1.00 0.00	24.95 -0.93 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	43.11 3.02 0.00	54.13 3.74 0.00	25.51 1.70 0.00	20.19 1.25 0.00	20.27 1.29 0.00	22.34 1.42 0.00	26.77 1.81 0.00	30.36 2.26 0.00	29.28 1.99 0.00	25.50 1.74 0.00	24.87 1.69 0.00	23.05 1.55 0.00	20.86 1.36 0.00	19.19 1.21 0.00	24.03 1.40 -0.93	27.26 1.68 0.00	29.48 1.93 0.00	34.64 2.67 0.00	35.13 2.32 0.00	27.52 1.78 0.00	30.16 1.84 0.00	27.74 1.70 0.00	27.96 1.47 0.00	27.16 1.30 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	42.59 2.50 0.00	53.49 3.10 0.00	25.24 1.42 0.00	20.00 1.06 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.58 1.61 0.00	30.11 2.01 0.00	29.04 1.76 0.00	25.25 1.50 0.00	24.63 1.44 0.00	22.79 1.29 0.00	20.62 1.12 0.00	18.97 0.99 0.00	22.53 1.16 0.33	27.02 1.43 0.00	29.22 1.67 0.00	34.33 2.35 0.00	34.84 2.03 0.00	27.29 1.55 0.00	29.92 1.60 0.00	27.54 1.49 0.00	27.78 1.30 0.00	27.00 1.13 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	43.36 3.27 0.00	54.48 4.09 -0.01	25.71 1.89 -0.01	20.80 1.46 -0.40	20.48 1.50 0.00	22.58 1.66 0.00	26.92 1.96 0.00	30.58 2.48 0.00	29.49 2.20 0.00	25.68 1.92 0.00	25.05 1.86 0.00	23.23 1.72 0.00	21.03 1.51 -0.02	19.32 1.35 0.00	24.15 1.52 -0.93	27.40 1.82 0.00	29.63 2.08 0.00	34.83 2.85 0.00	35.30 2.49 0.00	27.65 1.91 0.00	30.29 1.97 0.00	27.88 1.83 0.00	28.06 1.57 0.00	27.32 1.45 0.00
E179THST_13_KV_LOAD 356214	43.53 3.44 0.00	54.67 4.28 -0.01	25.80 1.97 -0.01	20.87 1.54 -0.40	20.56 1.57 0.00	22.67 1.75 0.00	27.03 2.07 0.00	30.72 2.61 0.00	29.61 2.33 0.00	25.79 2.03 0.00	25.16 1.98 0.00	23.34 1.83 0.00	21.13 1.61 -0.02	19.41 1.43 0.00	24.26 1.63 -0.93	27.53 1.94 0.00	29.77 2.22 0.00	34.99 3.01 0.00	35.46 2.65 0.00	27.79 2.05 0.00	30.44 2.11 0.00	28.01 1.96 0.00	28.19 1.70 0.00	27.44 1.57 0.00
EAST HAMPTON___GT 23717	48.63 5.02 -3.53	56.36 5.98 0.00	26.54 2.73 0.00	20.94 1.99 0.00	21.12 2.14 0.00	23.36 2.44 0.00	28.09 3.13 0.00	74.34 3.70 -42.53	30.41 3.13 0.00	26.45 2.70 0.00	25.48 2.30 0.00	23.51 2.01 0.00	21.33 1.83 0.00	19.89 1.91 0.00	27.26 2.44 -3.12	28.66 3.04 -0.04	30.96 3.29 -0.12	35.96 3.97 0.00	36.43 3.62 0.00	28.63 2.88 0.00	31.32 3.00 0.00	28.90 2.85 0.00	29.17 2.68 0.00	28.51 2.64 0.00
EAST RIVER___6 23660	43.54 3.45 0.00	54.70 4.32 0.00	25.77 1.96 0.00	20.34 1.40 0.00	20.43 1.45 0.00	22.49 1.57 0.00	26.93 1.97 0.00	30.59 2.48 0.00	29.50 2.22 0.00	25.71 1.95 0.00	25.09 1.91 0.00	23.27 1.76 0.00	21.10 1.58 -0.02	19.37 1.39 0.00	24.20 1.57 -0.93	27.46 1.88 0.00	29.69 2.14 0.00	34.89 2.91 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.34 2.02 0.00	27.89 1.84 0.00	28.08 1.59 0.00	27.29 1.42 0.00
EAST RIVER___7 23524	43.54 3.45 0.00	54.70 4.32 0.00	25.77 1.96 0.00	20.34 1.40 0.00	20.43 1.45 0.00	22.49 1.57 0.00	26.93 1.97 0.00	30.59 2.48 0.00	29.50 2.22 0.00	25.71 1.95 0.00	25.09 1.91 0.00	23.27 1.76 0.00	21.10 1.58 -0.02	19.37 1.39 0.00	24.20 1.57 -0.93	27.46 1.88 0.00	29.69 2.14 0.00	34.89 2.91 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.34 2.02 0.00	27.89 1.84 0.00	28.08 1.59 0.00	27.29 1.42 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	43.02 2.94 0.00	54.02 3.63 0.00	25.47 1.65 0.00	20.16 1.22 0.00	20.24 1.26 0.00	22.30 1.38 0.00	26.72 1.76 0.00	30.30 2.19 0.00	29.22 1.94 0.00	25.44 1.68 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.14 1.17 0.00	24.04 1.35 -1.00	27.21 1.62 0.00	29.42 1.87 0.00	34.57 2.59 0.00	35.05 2.24 0.00	27.46 1.72 0.00	30.10 1.78 0.00	27.69 1.65 0.00	27.90 1.42 0.00	27.12 1.25 0.00
EAST_HAMPTON___DIESEL 23722	48.63 5.01 -3.53	56.35 5.97 0.00	26.54 2.72 0.00	20.93 1.99 0.00	21.12 2.14 0.00	23.36 2.43 0.00	28.08 3.12 0.00	74.33 3.70 -42.53	30.40 3.12 0.00	26.44 2.69 0.00	25.48 2.29 0.00	23.51 2.01 0.00	21.33 1.83 0.00	19.89 1.91 0.00	27.25 2.43 -3.12	28.66 3.04 -0.04	30.96 3.28 -0.12	35.94 3.96 0.00	36.42 3.61 0.00	28.61 2.87 0.00	31.31 2.99 0.00	28.90 2.85 0.00	29.16 2.68 0.00	28.51 2.64 0.00
EAST_PULASKI___ESR 323781	38.65 -1.44 0.00	48.51 -1.87 0.00	22.94 -0.88 0.00	18.27 -0.67 0.00	18.32 -0.67 0.00	20.21 -0.71 0.00	23.77 -0.82 0.38	27.18 -0.92 0.00	26.30 -0.98 0.00	22.78 -0.97 0.00	22.23 -0.96 0.00	20.63 -0.88 0.00	18.70 -0.80 0.00	17.25 -0.73 0.00	20.82 -0.88 0.00	24.57 -1.02 0.00	26.56 -0.99 0.00	31.00 -0.98 0.00	31.71 -1.10 0.00	24.88 -0.86 0.00	27.37 -0.95 0.00	25.18 -0.87 0.00	25.68 -0.81 0.00	25.08 -0.80 0.00
EAST_RIVER___1 323558	43.40 3.31 0.00	54.51 4.13 0.00	25.68 1.86 0.00	20.33 1.39 0.00	20.43 1.44 0.00	22.49 1.57 0.00	26.91 1.95 0.00	30.56 2.45 0.00	29.46 2.18 0.00	25.66 1.91 0.00	25.05 1.86 0.00	23.23 1.72 0.00	21.05 1.53 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.40 1.82 0.00	29.63 2.08 0.00	34.83 2.84 0.00	35.27 2.46 0.00	27.64 1.90 0.00	30.29 1.97 0.00	27.85 1.81 0.00	28.04 1.56 0.00	27.25 1.38 0.00
EAST_RIVER___2 323559	43.54 3.45 0.00	54.70 4.32 0.00	25.77 1.96 0.00	20.34 1.40 0.00	20.43 1.45 0.00	22.49 1.57 0.00	26.93 1.97 0.00	30.59 2.48 0.00	29.50 2.22 0.00	25.71 1.95 0.00	25.09 1.91 0.00	23.27 1.76 0.00	21.10 1.58 -0.02	19.37 1.39 0.00	24.20 1.57 -0.93	27.46 1.88 0.00	29.69 2.14 0.00	34.89 2.91 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.34 2.02 0.00	27.89 1.84 0.00	28.08 1.59 0.00	27.29 1.42 0.00
EAST___DELAWARE_HYD 23607	42.96 2.87 0.00	53.99 3.61 0.00	25.46 1.64 0.00	20.17 1.23 0.00	20.27 1.29 0.00	22.40 1.48 0.00	26.90 1.94 0.00	30.49 2.39 0.00	29.40 2.12 0.00	25.51 1.75 0.00	24.83 1.65 0.00	22.96 1.45 0.00	20.76 1.26 0.00	18.96 0.99 0.00	22.11 0.69 0.28	26.52 0.93 0.00	28.88 1.33 0.00	33.88 1.90 0.00	34.48 1.67 0.00	27.01 1.27 0.00	29.61 1.29 0.00	27.31 1.26 0.00	28.15 1.66 0.00	27.33 1.46 0.00
EIGHT_POINT___WT_PWR 323820	33.05 -3.72 3.32	38.04 -4.82 7.52	21.47 -2.35 0.01	11.91 -1.86 5.17	17.25 -1.73 0.00	19.26 -1.66 0.00	23.21 -1.75 0.00	26.60 -1.50 0.00	25.25 -2.03 0.00	21.79 -1.97 0.00	21.56 -1.62 0.00	20.02 -1.48 0.00	18.18 -1.32 0.00	16.72 -1.26 0.00	20.26 -1.44 0.00	23.78 -1.81 0.00	25.57 -1.98 0.00	30.16 -1.82 0.00	30.58 -2.24 0.00	25.77 -1.38 -1.41	28.95 -1.65 -2.28	25.56 -0.90 -0.41	25.81 -1.00 -0.33	24.27 -1.59 0.00
ELBRIDGE_115KV_TB2 80188	39.71 -0.38 0.00	49.82 -0.56 0.00	23.54 -0.28 0.00	18.74 -0.20 0.00	18.79 -0.19 0.00	20.79 -0.13 0.00	24.88 -0.09 0.00	28.01 -0.09 0.00	27.09 -0.20 0.00	23.52 -0.23 0.00	23.18 -0.01 0.00	21.43 -0.07 0.00	19.48 -0.02 0.00	17.98 0.01 0.00	21.65 -0.05 0.00	25.55 -0.03 0.00	27.57 0.03 0.00	32.21 0.23 0.00	32.78 -0.03 0.00	25.79 0.05 0.00	28.38 0.06 0.00	26.09 0.04 0.00	26.55 0.06 0.00	25.83 -0.04 0.00
ELEC_TRO_TEK 24086	47.04 3.43 -3.53	54.58 4.19 0.00	25.76 1.94 0.00	20.36 1.42 0.00	20.48 1.50 0.00	22.60 1.68 0.00	27.12 2.16 0.00	73.32 2.69 -42.53	29.60 2.32 0.00	25.78 2.03 0.00	25.13 1.94 0.00	23.23 1.73 0.00	21.06 1.55 0.00	19.42 1.45 0.00	26.54 1.72 -3.12	27.67 2.05 -0.04	29.98 2.31 -0.12	35.10 3.12 0.00	35.58 2.77 0.00	27.89 2.15 0.00	30.57 2.25 0.00	28.11 2.07 0.00	28.34 1.86 0.00	27.52 1.65 0.00
ELLENBURG_WT_PWR 323604	-21.15 -1.35 59.89	-21.24 -1.74 69.89	-21.12 -0.82 44.12	-21.09 -0.66 39.37	-21.12 -0.75 39.35	-22.18 -0.91 42.18	-23.39 -1.11 47.24	-21.84 -1.23 48.71	-23.54 -0.93 49.89	-23.78 -0.78 46.75	-21.78 -0.88 44.08	-21.05 -0.83 41.73	-21.04 -0.74 39.80	7.53 -0.57 9.87	21.19 -0.51 0.00	25.10 -0.49 0.00	8.03 -0.94 18.58	-21.09 -1.66 51.41	-22.45 -1.36 53.91	-22.00 -1.04 46.71	-21.56 -1.13 48.75	-21.06 -1.03 46.07	13.70 -0.83 11.96	25.87 0.00 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	35.59 -3.82 0.67	44.02 -4.84 1.52	21.55 -2.27 0.00	16.14 -1.76 1.05	17.11 -1.87 0.00	18.95 -1.97 0.00	22.50 -2.46 0.00	25.20 -2.90 0.00	24.54 -2.74 0.00	21.58 -2.17 0.00	21.94 -1.24 0.00	20.28 -1.22 0.00	18.53 -0.97 0.00	17.11 -0.86 0.00	20.62 -1.08 0.00	24.19 -1.39 0.00	25.69 -1.86 0.00	29.88 -2.10 0.00	30.50 -2.31 0.00	24.13 -1.61 0.00	26.64 -1.68 0.00	24.37 -1.68 0.00	25.21 -1.27 0.00	24.71 -1.16 0.00
EMPIRE_CC_1 323656	41.12 1.04 0.00	51.53 1.14 0.00	24.45 0.63 0.00	19.45 0.50 0.00	19.52 0.54 0.00	21.51 0.59 0.00	25.59 0.63 0.00	28.91 0.81 0.00	27.95 0.67 0.00	24.27 0.52 0.00	23.64 0.45 0.00	21.98 0.48 0.00	19.91 0.41 0.00	18.33 0.35 0.00	22.37 0.48 -0.19	26.08 0.49 0.00	28.08 0.53 0.00	32.92 0.94 0.00	33.51 0.69 0.00	26.25 0.51 0.00	28.93 0.61 0.00	26.57 0.52 0.00	26.78 0.29 0.00	26.06 0.19 0.00
EMPIRE_CC_2 323658	41.12 1.04 0.00	51.53 1.14 0.00	24.45 0.63 0.00	19.45 0.50 0.00	19.52 0.54 0.00	21.51 0.59 0.00	25.59 0.63 0.00	28.91 0.81 0.00	27.95 0.67 0.00	24.27 0.52 0.00	23.64 0.45 0.00	21.98 0.48 0.00	19.91 0.41 0.00	18.33 0.35 0.00	22.37 0.48 -0.19	26.08 0.49 0.00	28.08 0.53 0.00	32.92 0.94 0.00	33.51 0.69 0.00	26.25 0.51 0.00	28.93 0.61 0.00	26.57 0.52 0.00	26.78 0.29 0.00	26.06 0.19 0.00
ENORWICH_115KV_TB1 80156	43.38 1.90 -1.38	55.82 2.30 -3.14	24.81 0.99 0.00	21.87 0.76 -2.16	19.72 0.74 0.00	22.01 1.08 0.00	26.65 1.69 0.00	30.17 2.07 0.00	28.99 1.72 0.00	24.82 1.07 0.00	24.18 0.99 0.00	22.43 0.93 0.00	20.29 0.79 0.00	18.73 0.76 0.00	22.75 1.05 0.00	27.08 1.50 0.00	29.36 1.81 0.00	34.34 2.36 0.00	34.92 2.11 0.00	27.47 1.73 0.00	30.22 1.90 0.00	27.74 1.70 0.00	28.18 1.70 0.00	27.13 1.26 0.00
ERIE_ST__34_KV_TB1-2 80199	36.76 -2.61 0.71	45.39 -3.38 1.62	22.24 -1.58 0.00	16.62 -1.21 1.11	17.66 -1.33 0.00	19.55 -1.37 0.00	23.25 -1.71 0.00	26.06 -2.04 0.00	25.36 -1.92 0.00	22.27 -1.48 0.00	22.59 -0.60 0.00	20.90 -0.61 0.00	19.06 -0.43 0.00	17.61 -0.37 0.00	21.24 -0.46 0.00	24.95 -0.63 0.00	26.53 -1.02 0.00	30.86 -1.12 0.00	31.46 -1.35 0.00	24.87 -0.87 0.00	27.45 -0.87 0.00	25.10 -0.95 0.00	25.93 -0.55 0.00	25.35 -0.52 0.00
ERIE_WT_PWR 323693	35.77 -3.62 0.69	44.18 -4.63 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.21 -1.77 0.00	19.08 -1.84 0.00	22.67 -2.29 0.00	25.37 -2.74 0.00	24.70 -2.58 0.00	21.73 -2.02 0.00	22.09 -1.09 0.00	20.42 -1.08 0.00	18.61 -0.89 0.00	17.20 -0.77 0.00	20.74 -0.96 0.00	24.34 -1.24 0.00	25.86 -1.69 0.00	30.11 -1.87 0.00	30.74 -2.07 0.00	22.19 -1.41 2.14	23.42 -1.45 3.45	23.93 -1.49 0.62	24.92 -1.07 0.49	24.88 -0.99 0.00
ESPRGFLD_115KV_TB1 80157	41.63 1.54 0.00	52.39 2.01 0.00	24.69 0.87 0.00	19.59 0.65 0.00	19.63 0.64 0.00	21.68 0.76 0.00	26.03 1.07 0.00	29.37 1.27 0.00	28.49 1.21 0.00	24.68 0.93 0.00	24.05 0.86 0.00	22.30 0.80 0.00	20.22 0.72 0.00	18.65 0.68 0.00	22.45 0.75 0.00	26.60 1.01 0.00	28.84 1.29 0.00	33.46 1.48 0.00	34.26 1.45 0.00	26.95 1.21 0.00	29.62 1.30 0.00	27.28 1.23 0.00	27.81 1.32 0.00	27.14 1.27 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	43.43 0.21 -3.14	57.70 0.21 -7.11	23.90 0.08 -0.01	23.91 0.08 -4.89	19.07 0.09 0.00	21.12 0.20 0.00	25.32 0.35 0.00	28.58 0.48 0.00	27.58 0.30 0.00	23.83 0.08 0.00	23.35 0.17 0.00	21.60 0.10 0.00	19.58 0.08 0.00	18.06 0.08 0.00	21.84 0.14 0.00	25.82 0.24 0.00	27.90 0.36 0.00	32.63 0.65 0.00	33.25 0.45 0.00	26.13 0.39 0.00	28.74 0.42 0.00	26.43 0.38 0.00	26.89 0.40 0.00	26.12 0.25 0.00
ETNA____115KV_TB2 80207	43.43 0.21 -3.14	57.70 0.21 -7.11	23.90 0.08 -0.01	23.91 0.08 -4.89	19.07 0.09 0.00	21.12 0.20 0.00	25.32 0.35 0.00	28.58 0.48 0.00	27.58 0.30 0.00	23.83 0.08 0.00	23.35 0.17 0.00	21.60 0.10 0.00	19.58 0.08 0.00	18.06 0.08 0.00	21.84 0.14 0.00	25.82 0.24 0.00	27.90 0.36 0.00	32.63 0.65 0.00	33.25 0.45 0.00	26.13 0.39 0.00	28.74 0.42 0.00	26.43 0.38 0.00	26.89 0.40 0.00	26.12 0.25 0.00
EUCLID___115KV_TB2 356179	39.07 -1.02 0.00	49.07 -1.31 0.00	23.20 -0.62 0.00	18.48 -0.46 0.00	18.53 -0.45 0.00	20.45 -0.47 0.00	24.40 -0.56 0.00	27.44 -0.67 0.00	26.57 -0.71 0.00	23.13 -0.63 0.00	22.68 -0.51 0.00	21.04 -0.46 0.00	19.10 -0.40 0.00	17.61 -0.37 0.00	21.23 -0.46 0.00	24.99 -0.59 0.00	26.93 -0.62 0.00	31.41 -0.57 0.00	32.08 -0.73 0.00	25.18 -0.56 0.00	27.68 -0.64 0.00	25.47 -0.58 0.00	25.98 -0.50 0.00	25.32 -0.55 0.00
E_CANADA_CAP_HY 24051	41.97 1.88 0.00	52.75 2.37 0.00	24.85 1.04 0.00	19.74 0.80 0.00	19.79 0.80 0.00	21.82 0.90 0.00	26.12 1.16 0.00	29.44 1.33 0.00	28.58 1.30 0.00	24.69 0.94 0.00	23.98 0.79 0.00	22.24 0.73 0.00	20.17 0.67 0.00	18.61 0.64 0.00	22.39 0.69 0.00	26.57 0.99 0.00	28.89 1.35 0.00	33.46 1.48 0.00	34.36 1.55 0.00	27.04 1.30 0.00	29.74 1.42 0.00	27.44 1.40 0.00	28.01 1.52 0.00	27.39 1.52 0.00
E_CANADA_MHWK_HY 24050	40.27 0.18 0.00	50.36 -0.03 0.00	23.81 -0.01 0.00	18.96 0.01 0.00	19.08 0.10 0.00	21.12 0.20 0.00	25.80 0.37 -0.47	28.66 0.56 0.00	27.51 0.23 0.00	23.66 -0.09 0.00	22.97 -0.22 0.00	21.29 -0.21 0.00	19.29 -0.21 0.00	17.76 -0.21 0.00	21.56 -0.14 0.00	25.61 0.03 0.00	27.73 0.19 0.00	32.64 0.66 0.00	33.15 0.34 0.00	25.94 0.19 0.00	28.52 0.20 0.00	26.26 0.21 0.00	26.34 -0.14 0.00	25.50 -0.37 0.00
E_FISHKILL___LBMP 23776	42.62 2.53 0.00	53.52 3.13 0.00	25.24 1.43 0.00	20.01 1.07 0.00	20.09 1.11 0.00	22.14 1.22 0.00	26.49 1.52 0.00	30.03 1.92 0.00	28.96 1.68 0.00	25.20 1.45 0.00	24.57 1.38 0.00	22.76 1.26 0.00	20.60 1.10 0.00	18.95 0.97 0.00	23.11 1.14 -0.27	26.96 1.38 0.00	29.14 1.60 0.00	34.25 2.27 0.00	34.75 1.94 0.00	27.22 1.48 0.00	29.85 1.53 0.00	27.47 1.42 0.00	27.69 1.21 0.00	26.91 1.04 0.00
FALCON___SEABRD_CC1 323796	-21.17 -0.82 60.44	-21.21 -1.07 70.53	-21.18 -0.48 44.52	-21.18 -0.39 39.74	-21.26 -0.53 39.71	-22.36 -0.71 42.57	-23.57 -0.93 47.60	-22.05 -1.00 49.16	-23.78 -0.71 50.35	-24.05 -0.62 47.18	-22.04 -0.74 44.49	-21.38 -0.77 42.11	-21.36 -0.69 40.17	7.49 -0.52 9.96	21.28 -0.42 0.00	25.22 -0.37 0.00	7.96 -0.83 18.75	-21.41 -1.51 51.88	-22.82 -1.23 54.40	-22.33 -0.93 47.14	-21.91 -1.03 49.20	-21.40 -0.95 46.50	13.63 -0.78 12.07	26.07 0.20 0.00
FALCON___SEABRD_CC2 323797	-21.17 -0.82 60.44	-21.21 -1.07 70.53	-21.18 -0.48 44.52	-21.18 -0.39 39.74	-21.26 -0.53 39.71	-22.36 -0.71 42.57	-23.57 -0.93 47.60	-22.05 -1.00 49.16	-23.78 -0.71 50.35	-24.05 -0.62 47.18	-22.04 -0.74 44.49	-21.38 -0.77 42.11	-21.36 -0.69 40.17	7.49 -0.52 9.96	21.28 -0.42 0.00	25.22 -0.37 0.00	7.96 -0.83 18.75	-21.41 -1.51 51.88	-22.82 -1.23 54.40	-22.33 -0.93 47.14	-21.91 -1.03 49.20	-21.40 -0.95 46.50	13.63 -0.78 12.07	26.07 0.20 0.00

FAR ROCKAWAY___4 23548	47.45 3.84 -3.53	55.10 4.72 0.00	26.02 2.20 0.00	20.57 1.63 0.00	20.69 1.70 0.00	22.84 1.92 0.00	27.41 2.44 0.00	73.60 2.96 -42.53	29.79 2.50 0.00	25.92 2.16 0.00	25.27 2.09 0.00	23.36 1.85 0.00	21.15 1.66 0.00	19.52 1.55 0.00	26.66 1.84 -3.12	27.89 2.27 -0.04	30.28 2.61 -0.12	35.31 3.32 0.00	35.78 2.97 0.00	28.06 2.31 0.00	30.99 2.67 0.00	28.47 2.43 0.00	28.71 2.22 0.00	27.84 1.98 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	43.40 3.31 0.00	54.49 4.10 0.00	25.66 1.84 0.00	20.34 1.39 0.00	20.43 1.45 0.00	22.51 1.59 0.00	26.93 1.97 0.00	30.58 2.48 0.00	29.49 2.21 0.00	25.68 1.93 0.00	25.07 1.88 0.00	23.25 1.74 0.00	21.06 1.54 -0.02	19.34 1.37 0.00	24.17 1.54 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.85 2.87 0.00	35.30 2.49 0.00	27.66 1.92 0.00	30.31 1.99 0.00	27.87 1.83 0.00	28.06 1.58 0.00	27.27 1.40 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	43.41 3.33 0.00	54.50 4.12 0.00	25.68 1.86 0.00	20.34 1.40 0.00	20.44 1.46 0.00	22.51 1.59 0.00	26.94 1.98 0.00	30.60 2.50 0.00	29.50 2.22 0.00	25.70 1.95 0.00	25.08 1.89 0.00	23.25 1.74 0.00	21.07 1.55 -0.02	19.35 1.37 0.00	24.18 1.55 -0.93	27.43 1.85 0.00	29.66 2.11 0.00	34.86 2.88 0.00	35.31 2.50 0.00	27.68 1.94 0.00	30.32 2.00 0.00	27.89 1.84 0.00	28.08 1.59 0.00	27.29 1.42 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	43.37 3.29 0.00	54.45 4.07 0.00	25.66 1.84 0.00	20.33 1.38 0.00	20.42 1.44 0.00	22.49 1.57 0.00	26.92 1.95 0.00	30.57 2.46 0.00	29.48 2.20 0.00	25.67 1.92 0.00	25.05 1.87 0.00	23.23 1.72 0.00	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.41 1.83 0.00	29.63 2.08 0.00	34.83 2.85 0.00	35.27 2.46 0.00	27.65 1.91 0.00	30.29 1.97 0.00	27.85 1.81 0.00	28.05 1.56 0.00	27.25 1.39 0.00
FARRAGUT___LBMP 323566	43.35 3.26 0.00	54.43 4.05 0.00	25.64 1.82 0.00	20.32 1.37 0.00	20.41 1.43 0.00	22.48 1.56 0.00	26.90 1.94 0.00	30.54 2.44 0.00	29.45 2.17 0.00	25.65 1.90 0.00	25.03 1.84 0.00	23.20 1.70 0.00	21.03 1.51 -0.02	19.31 1.34 0.00	24.13 1.51 -0.93	27.38 1.80 0.00	29.61 2.06 0.00	34.80 2.82 0.00	35.25 2.43 0.00	27.63 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.02 1.54 0.00	27.24 1.37 0.00
FENNER___WINDPWR 24204	40.83 0.15 -0.60	51.88 0.14 -1.36	23.88 0.06 0.00	19.94 0.06 -0.93	19.06 0.08 0.00	21.08 0.16 0.00	25.28 0.32 0.00	28.51 0.40 0.00	27.58 0.30 0.00	23.86 0.11 0.00	23.29 0.10 0.00	21.59 0.09 0.00	19.56 0.06 0.00	18.02 0.05 0.00	21.76 0.06 0.00	25.73 0.14 0.00	27.86 0.31 0.00	32.53 0.55 0.00	33.21 0.40 0.00	26.04 0.30 0.00	28.61 0.29 0.00	26.29 0.24 0.00	26.73 0.24 0.00	26.03 0.16 0.00
FIBERTEK___ENERGY 23856	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
FITZPATRICK___ 23598	38.54 -1.55 0.00	48.42 -1.96 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.70 0.00	20.17 -0.75 0.00	24.02 -0.94 0.00	26.98 -1.12 0.00	26.15 -1.13 0.00	22.77 -0.98 0.00	22.30 -0.88 0.00	20.70 -0.80 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.90 -0.80 0.00	24.58 -1.00 0.00	26.47 -1.08 0.00	30.83 -1.15 0.00	31.53 -1.28 0.00	24.75 -0.99 0.00	27.22 -1.10 0.00	25.04 -1.00 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
FLOWRFLD_69_KV_BK1 356044	47.68 4.07 -3.53	55.24 4.85 0.00	26.03 2.21 0.00	20.53 1.59 0.00	20.69 1.71 0.00	22.85 1.93 0.00	27.46 2.49 0.00	73.67 3.04 -42.53	29.92 2.64 0.00	26.06 2.31 0.00	25.27 2.08 0.00	23.33 1.83 0.00	21.18 1.68 0.00	19.64 1.66 0.00	26.86 2.04 -3.12	28.05 2.43 -0.04	30.34 2.67 -0.12	35.39 3.41 0.00	35.92 3.11 0.00	28.20 2.45 0.00	30.89 2.57 0.00	28.44 2.40 0.00	28.66 2.17 0.00	27.88 2.02 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	43.10 3.01 0.00	54.09 3.70 0.00	25.51 1.70 0.00	20.22 1.28 0.00	20.32 1.34 0.00	22.43 1.51 0.00	26.87 1.91 0.00	30.47 2.36 0.00	29.38 2.10 0.00	25.51 1.76 0.00	24.87 1.68 0.00	23.02 1.52 0.00	20.84 1.34 0.00	19.16 1.19 0.00	23.11 1.41 0.00	27.31 1.73 0.00	29.53 1.98 0.00	34.70 2.72 0.00	35.23 2.42 0.00	27.60 1.85 0.00	30.25 1.93 0.00	27.83 1.78 0.00	28.06 1.57 0.00	27.25 1.38 0.00
FORT ORANGE___ 23900	41.06 0.97 0.00	51.54 1.16 0.00	24.46 0.65 0.00	19.50 0.56 0.00	19.58 0.59 0.00	21.57 0.64 0.00	25.64 0.68 0.00	28.98 0.87 0.00	28.02 0.74 0.00	24.28 0.53 0.00	23.61 0.42 0.00	21.97 0.47 0.00	19.91 0.41 0.00	18.34 0.36 0.00	22.17 0.47 0.00	26.12 0.53 0.00	28.21 0.66 0.00	33.06 1.08 0.00	33.66 0.86 0.00	26.38 0.64 0.00	29.02 0.70 0.00	26.64 0.60 0.00	26.88 0.39 0.00	26.14 0.27 0.00
FORT_DRUM_COGEN 23780	40.49 -2.17 -2.57	50.56 -2.82 -3.00	24.36 -1.35 -1.89	19.59 -1.04 -1.69	19.61 -1.06 -1.69	21.60 -1.13 -1.81	24.32 -1.13 -0.49	29.05 -1.15 -2.09	28.28 -1.14 -2.14	24.46 -1.30 -2.00	23.41 -1.67 -1.89	21.66 -1.63 -1.79	19.71 -1.50 -1.71	17.03 -1.37 -0.42	20.11 -1.59 0.00	23.99 -1.59 0.00	27.02 -1.33 -0.80	32.75 -1.44 -2.20	33.64 -1.48 -2.31	26.57 -1.18 -2.00	29.05 -1.36 -2.09	26.73 -1.29 -1.97	25.72 -1.27 -0.51	24.77 -1.10 0.00
FOX_HILLS___ESR 323835	43.43 3.34 -0.01	54.53 4.14 -0.01	25.64 1.82 -0.01	20.65 1.32 -0.39	20.33 1.35 0.00	22.39 1.47 0.00	26.88 1.91 0.00	30.49 2.39 0.00	29.39 2.10 -0.01	102.29 1.81 -76.72	24.98 1.79 -0.01	23.16 1.65 -0.01	20.97 1.45 -0.02	19.27 1.29 0.00	24.09 1.46 -0.93	27.34 1.76 0.00	29.57 2.03 0.00	34.77 2.79 0.00	35.24 2.43 0.00	27.63 1.89 0.00	30.30 1.98 0.00	27.88 1.83 0.00	28.15 1.66 0.00	27.37 1.51 0.00
FPL_FAR_ROCK_GT1 24212	47.45 3.84 -3.53	55.11 4.72 0.00	26.02 2.21 0.00	20.57 1.63 0.00	20.69 1.70 0.00	22.84 1.92 0.00	27.41 2.45 0.00	73.59 2.96 -42.53	29.78 2.51 0.00	25.91 2.16 0.00	25.27 2.08 0.00	23.36 1.85 0.00	21.16 1.66 0.00	19.52 1.55 0.00	26.66 1.84 -3.12	27.89 2.27 -0.04	30.28 2.61 -0.12	35.30 3.32 0.00	35.78 2.97 0.00	28.05 2.31 0.00	30.99 2.67 0.00	28.47 2.43 0.00	28.71 2.22 0.00	27.84 1.97 0.00
FPL_FAR_ROCK_GT2 23815	47.45 3.84 -3.53	55.11 4.72 0.00	26.02 2.21 0.00	20.57 1.63 0.00	20.69 1.70 0.00	22.84 1.92 0.00	27.41 2.45 0.00	73.59 2.96 -42.53	29.78 2.51 0.00	25.91 2.16 0.00	25.27 2.08 0.00	23.36 1.85 0.00	21.16 1.66 0.00	19.52 1.55 0.00	26.66 1.84 -3.12	27.89 2.27 -0.04	30.28 2.61 -0.12	35.30 3.32 0.00	35.78 2.97 0.00	28.05 2.31 0.00	30.99 2.67 0.00	28.47 2.43 0.00	28.71 2.22 0.00	27.84 1.97 0.00



FRANKLIN_FALL_HYD 24054	81.06 -0.47 -41.44	98.13 -0.61 -48.36	54.04 -0.30 -30.53	45.93 -0.26 -27.25	45.87 -0.34 -27.23	49.61 -0.50 -29.19	46.47 -0.60 -22.12	61.20 -0.62 -33.71	61.47 -0.33 -34.52	55.84 -0.26 -32.35	53.30 -0.40 -30.51	49.98 -0.40 -28.88	46.69 -0.35 -27.55	24.55 -0.26 -6.83	21.53 -0.17 0.00	25.48 -0.10 0.00	39.98 -0.43 -12.86	66.52 -1.05 -35.58	69.45 -0.66 -37.31	57.58 -0.48 -32.32	61.57 -0.49 -33.73	57.44 -0.49 -31.88	34.47 -0.30 -8.28	26.25 0.38 0.00
FREEPORT_EQUS_GT1 23764	47.35 3.74 -3.53	54.92 4.53 0.00	25.90 2.08 0.00	20.46 1.52 0.00	20.59 1.61 0.00	22.73 1.81 0.00	27.30 2.34 0.00	73.53 2.90 -42.53	29.79 2.51 0.00	25.94 2.18 0.00	25.25 2.06 0.00	23.34 1.83 0.00	21.16 1.66 0.00	19.54 1.56 0.00	26.69 1.87 -3.12	27.85 2.23 -0.04	30.19 2.52 -0.12	35.39 3.40 0.00	35.86 3.05 0.00	28.13 2.38 0.00	30.81 2.49 0.00	28.33 2.28 0.00	28.55 2.07 0.00	27.72 1.85 0.00
FREEPORT___CT2 23818	47.35 3.74 -3.53	54.92 4.53 0.00	25.90 2.08 0.00	20.46 1.52 0.00	20.59 1.61 0.00	22.73 1.81 0.00	27.30 2.34 0.00	73.53 2.90 -42.53	29.79 2.51 0.00	25.94 2.18 0.00	25.25 2.06 0.00	23.34 1.83 0.00	21.16 1.66 0.00	19.54 1.56 0.00	26.69 1.87 -3.12	27.85 2.23 -0.04	30.19 2.52 -0.12	35.39 3.40 0.00	35.86 3.05 0.00	28.13 2.38 0.00	30.81 2.49 0.00	28.33 2.28 0.00	28.55 2.07 0.00	27.72 1.85 0.00
FRESHKLS_33_KV_LOAD 356253	43.43 3.34 -0.01	54.47 4.08 -0.01	25.61 1.79 -0.01	20.62 1.29 -0.39	20.29 1.31 0.00	22.34 1.42 0.00	26.85 1.88 0.00	30.45 2.35 0.00	29.33 2.05 -0.01	102.20 1.73 -76.72	24.92 1.73 -0.01	23.09 1.59 -0.01	20.92 1.40 -0.02	19.22 1.24 0.00	24.02 1.40 -0.93	27.28 1.70 0.00	29.51 1.97 0.00	34.69 2.71 0.00	35.17 2.36 0.00	27.58 1.84 0.00	30.27 1.95 0.00	27.85 1.81 0.00	28.17 1.69 0.00	27.40 1.53 0.00
FULTON COGEN____ 23766	38.87 -1.22 0.00	48.83 -1.55 0.00	23.10 -0.72 0.00	18.40 -0.54 0.00	18.45 -0.53 0.00	20.37 -0.55 0.00	24.30 -0.66 0.00	27.32 -0.78 0.00	26.42 -0.86 0.00	22.95 -0.80 0.00	22.47 -0.72 0.00	20.85 -0.65 0.00	18.94 -0.56 0.00	17.46 -0.52 0.00	21.07 -0.63 0.00	24.82 -0.77 0.00	26.76 -0.79 0.00	31.21 -0.76 0.00	31.91 -0.90 0.00	25.03 -0.71 0.00	27.54 -0.78 0.00	25.32 -0.73 0.00	25.84 -0.65 0.00	25.18 -0.69 0.00
FULTON___LFGE 323630	43.97 3.89 0.00	55.16 4.77 0.00	26.00 2.18 0.00	20.65 1.71 0.00	20.75 1.76 0.00	22.99 2.07 0.00	27.65 2.69 0.00	31.27 3.17 0.00	29.93 2.65 0.00	25.22 1.47 0.00	24.15 0.96 0.00	22.30 0.80 0.00	20.11 0.60 0.00	18.53 0.56 0.00	22.61 0.91 0.00	27.66 2.07 0.00	30.69 3.14 0.00	35.77 3.79 0.00	36.57 3.76 0.00	28.74 3.00 0.00	31.56 3.24 0.00	28.93 2.88 0.00	29.37 2.88 0.00	28.54 2.67 0.00
G.F.CEMENT___DRP 24184	41.72 1.64 0.00	52.33 1.94 0.00	24.75 0.93 0.00	19.70 0.76 0.00	19.80 0.82 0.00	21.91 0.99 0.00	26.24 1.27 0.00	29.61 1.50 0.00	28.39 1.11 0.00	24.88 1.12 0.00	24.24 1.05 0.00	22.35 0.85 0.00	20.23 0.73 0.00	18.67 0.70 0.00	22.73 1.03 0.00	27.00 1.42 0.00	29.20 1.65 0.00	34.27 2.29 0.00	34.86 2.05 0.00	27.20 1.46 0.00	29.85 1.53 0.00	27.47 1.43 0.00	27.71 1.23 0.00	27.12 1.26 0.00
GARDENVILLE___LBMP 24039	35.68 -3.73 0.68	44.11 -4.72 1.55	21.62 -2.20 0.00	16.17 -1.70 1.07	17.16 -1.82 0.00	19.01 -1.90 0.00	22.59 -2.38 0.00	25.29 -2.81 0.00	24.61 -2.67 0.00	21.66 -2.09 0.00	22.01 -1.18 0.00	20.36 -1.15 0.00	18.57 -0.93 0.00	17.16 -0.82 0.00	20.67 -1.03 0.00	24.27 -1.32 0.00	25.78 -1.77 0.00	30.00 -1.98 0.00	30.63 -2.18 0.00	24.23 -1.51 0.00	26.76 -1.56 0.00	24.47 -1.57 0.00	25.31 -1.17 0.00	24.80 -1.07 0.00
GARDNVLA_35_KV_LD 355827	35.79 -3.60 0.70	44.23 -4.57 1.58	21.68 -2.13 0.00	16.21 -1.64 1.09	17.23 -1.76 0.00	19.09 -1.83 0.00	22.67 -2.29 0.00	25.38 -2.72 0.00	24.72 -2.56 0.00	21.75 -2.01 0.00	22.10 -1.09 0.00	20.44 -1.06 0.00	18.65 -0.85 0.00	17.23 -0.75 0.00	20.76 -0.94 0.00	24.37 -1.21 0.00	25.89 -1.66 0.00	30.15 -1.83 0.00	30.77 -2.04 0.00	24.35 -1.39 0.00	26.87 -1.45 0.00	24.59 -1.46 0.00	25.42 -1.07 0.00	24.88 -0.99 0.00
GELCKHM___115KV_LOAD 80723	39.35 -0.74 0.00	49.39 -1.00 0.00	23.34 -0.47 0.00	18.59 -0.35 0.00	18.64 -0.34 0.00	20.59 -0.33 0.00	24.59 -0.38 0.00	27.66 -0.45 0.00	26.77 -0.51 0.00	23.29 -0.47 0.00	22.85 -0.34 0.00	21.19 -0.31 0.00	19.24 -0.26 0.00	17.74 -0.23 0.00	21.39 -0.31 0.00	25.19 -0.39 0.00	27.15 -0.40 0.00	31.69 -0.29 0.00	32.34 -0.47 0.00	25.39 -0.35 0.00	27.94 -0.38 0.00	25.68 -0.36 0.00	26.19 -0.30 0.00	25.51 -0.36 0.00
GENERAL___MILLS 23808	35.78 -3.61 0.69	44.23 -4.58 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.22 -1.76 0.00	19.08 -1.84 0.00	22.66 -2.30 0.00	25.37 -2.74 0.00	24.69 -2.59 0.00	21.73 -2.02 0.00	22.08 -1.11 0.00	20.42 -1.09 0.00	18.63 -0.87 0.00	17.21 -0.76 0.00	20.74 -0.96 0.00	24.35 -1.24 0.00	25.86 -1.68 0.00	30.11 -1.87 0.00	30.73 -2.08 0.00	24.31 -1.43 0.00	26.84 -1.48 0.00	24.55 -1.49 0.00	25.39 -1.09 0.00	24.87 -1.00 0.00
GE_PLASTICS___DRP 24183	40.98 0.89 0.00	51.50 1.11 0.00	24.40 0.58 0.00	19.43 0.48 0.00	19.49 0.51 0.00	21.49 0.56 0.00	25.57 0.61 0.00	28.88 0.78 0.00	27.93 0.65 0.00	24.25 0.50 0.00	23.62 0.43 0.00	21.97 0.46 0.00	19.90 0.40 0.00	18.33 0.36 0.00	22.14 0.44 0.00	26.09 0.51 0.00	28.14 0.59 0.00	32.94 0.96 0.00	33.57 0.76 0.00	26.30 0.56 0.00	28.93 0.61 0.00	26.58 0.54 0.00	26.85 0.36 0.00	26.13 0.26 0.00
GILBOA___1 23756	41.01 0.92 0.00	51.80 1.42 0.00	24.46 0.64 0.00	19.44 0.49 0.00	19.51 0.52 0.00	21.51 0.59 0.00	25.69 0.73 0.00	29.03 0.93 0.00	28.06 0.78 0.00	24.40 0.65 0.00	23.82 0.63 0.00	22.09 0.58 0.00	20.00 0.50 0.00	18.41 0.44 0.00	22.24 0.54 0.00	26.24 0.65 0.00	28.30 0.75 0.00	33.12 1.14 0.00	33.74 0.93 0.00	26.44 0.70 0.00	29.06 0.74 0.00	26.73 0.68 0.00	27.04 0.55 0.00	26.32 0.45 0.00
GILBOA___2 23757	41.01 0.92 0.00	51.80 1.42 0.00	24.46 0.64 0.00	19.44 0.49 0.00	19.51 0.52 0.00	21.51 0.59 0.00	25.69 0.73 0.00	29.03 0.93 0.00	28.06 0.78 0.00	24.40 0.65 0.00	23.82 0.63 0.00	22.09 0.58 0.00	20.00 0.50 0.00	18.41 0.44 0.00	22.24 0.54 0.00	26.24 0.65 0.00	28.30 0.75 0.00	33.12 1.14 0.00	33.74 0.93 0.00	26.44 0.70 0.00	29.06 0.74 0.00	26.73 0.68 0.00	27.04 0.55 0.00	26.32 0.45 0.00
GILBOA___3 23758	41.01 0.92 0.00	51.80 1.42 0.00	24.46 0.64 0.00	19.44 0.49 0.00	19.51 0.52 0.00	21.51 0.59 0.00	25.69 0.73 0.00	29.03 0.93 0.00	28.06 0.78 0.00	24.40 0.65 0.00	23.82 0.63 0.00	22.09 0.58 0.00	20.00 0.50 0.00	18.41 0.44 0.00	22.24 0.54 0.00	26.24 0.65 0.00	28.30 0.75 0.00	33.12 1.14 0.00	33.74 0.93 0.00	26.44 0.70 0.00	29.06 0.74 0.00	26.73 0.68 0.00	27.04 0.55 0.00	26.32 0.45 0.00

GILBOA___4 23759	41.01 0.92 0.00	51.80 1.42 0.00	24.46 0.64 0.00	19.44 0.49 0.00	19.51 0.52 0.00	21.51 0.59 0.00	25.69 0.73 0.00	29.03 0.93 0.00	28.06 0.78 0.00	24.40 0.65 0.00	23.82 0.63 0.00	22.09 0.58 0.00	20.00 0.50 0.00	18.41 0.44 0.00	22.24 0.54 0.00	26.24 0.65 0.00	28.30 0.75 0.00	33.12 1.14 0.00	33.74 0.93 0.00	26.44 0.70 0.00	29.06 0.74 0.00	26.73 0.68 0.00	27.04 0.55 0.00	26.32 0.45 0.00
GILBOA___ 23599	41.01 0.93 0.00	51.80 1.42 0.00	24.46 0.65 0.00	19.44 0.49 0.00	19.51 0.52 0.00	21.51 0.59 0.00	25.69 0.73 0.00	29.04 0.93 0.00	28.06 0.78 0.00	24.40 0.65 0.00	23.82 0.63 0.00	22.09 0.58 0.00	20.00 0.50 0.00	18.42 0.44 0.00	22.24 0.54 0.00	26.24 0.65 0.00	28.30 0.75 0.00	33.12 1.14 0.00	33.74 0.93 0.00	26.44 0.70 0.00	29.06 0.74 0.00	26.73 0.68 0.00	27.04 0.55 0.00	26.32 0.45 0.00
GINNA___ 23603	36.00 -3.62 0.47	44.67 -4.64 1.07	21.64 -2.17 0.00	16.51 -1.69 0.74	17.26 -1.72 0.00	19.11 -1.81 0.00	22.82 -2.14 0.00	25.69 -2.41 0.00	24.89 -2.38 0.00	21.69 -2.07 0.00	21.57 -1.62 0.00	19.98 -1.52 0.00	18.16 -1.34 0.00	16.75 -1.22 0.00	20.20 -1.50 0.00	23.80 -1.79 0.00	25.53 -2.02 0.00	29.74 -2.24 0.00	30.35 -2.46 0.00	23.23 -1.86 0.66	25.18 -2.08 1.06	23.86 -2.00 0.19	24.50 -1.84 0.15	24.06 -1.81 0.00
GLEN PARK___ 23778	40.46 -2.07 -2.44	50.51 -2.72 -2.84	24.30 -1.31 -1.80	19.54 -1.01 -1.60	19.56 -1.02 -1.60	21.56 -1.08 -1.72	24.39 -1.04 -0.47	29.04 -1.05 -1.98	28.25 -1.06 -2.03	24.38 -1.28 -1.90	23.33 -1.65 -1.79	21.57 -1.63 -1.70	19.62 -1.50 -1.62	17.01 -1.37 -0.40	20.11 -1.59 0.00	24.04 -1.55 0.00	27.09 -1.22 -0.76	32.80 -1.27 -2.09	33.67 -1.34 -2.19	26.58 -1.06 -1.90	29.06 -1.24 -1.98	26.73 -1.19 -1.87	25.79 -1.18 -0.49	24.83 -1.04 0.00
GLENDALE_27_KV_LOAD 356172	43.66 3.56 -0.01	54.81 4.41 -0.01	25.82 2.00 -0.01	20.84 1.50 -0.39	20.53 1.55 0.00	22.64 1.71 0.00	27.10 2.13 0.00	30.77 2.67 0.00	29.70 2.41 -0.01	102.64 2.12 -76.78	25.25 2.06 -0.01	23.40 1.89 -0.01	21.19 1.67 -0.02	19.47 1.49 0.00	24.32 1.70 -0.93	27.60 2.02 0.00	29.86 2.31 0.00	35.09 3.11 0.00	35.56 2.75 0.00	27.85 2.11 0.00	30.51 2.19 0.00	28.06 2.01 0.00	28.25 1.77 0.00	27.46 1.59 0.00
GLENWOOD_IC_1_G5 23712	47.27 3.66 -3.53	54.88 4.49 0.00	25.89 2.07 0.00	20.46 1.52 0.00	20.59 1.60 0.00	22.71 1.80 0.00	27.28 2.32 0.00	73.51 2.87 -42.53	29.79 2.51 0.00	25.95 2.20 0.00	25.28 2.10 0.00	23.38 1.87 0.00	21.19 1.69 0.00	19.55 1.57 0.00	26.69 1.88 -3.12	27.85 2.23 -0.04	30.08 2.41 -0.12	35.23 3.24 0.00	35.76 2.95 0.00	28.08 2.33 0.00	30.77 2.45 0.00	28.28 2.24 0.00	28.51 2.02 0.00	27.69 1.82 0.00
GLENWOOD_IC_2_G1 23688	47.16 3.55 -3.53	54.73 4.35 0.00	25.83 2.01 0.00	20.42 1.47 0.00	20.53 1.55 0.00	22.66 1.73 0.00	27.20 2.23 0.00	73.41 2.77 -42.53	29.69 2.41 0.00	25.86 2.10 0.00	25.20 2.01 0.00	23.30 1.80 0.00	21.13 1.63 0.00	19.48 1.51 0.00	26.61 1.79 -3.12	27.76 2.14 -0.04	30.06 2.39 -0.12	35.18 3.20 0.00	35.67 2.86 0.00	27.97 2.23 0.00	30.67 2.35 0.00	28.20 2.15 0.00	28.42 1.94 0.00	27.60 1.74 0.00
GLENWOOD_IC_3_G1 23689	47.16 3.55 -3.53	54.73 4.35 0.00	25.83 2.01 0.00	20.42 1.47 0.00	20.53 1.55 0.00	22.66 1.73 0.00	27.20 2.23 0.00	73.41 2.77 -42.53	29.69 2.41 0.00	25.86 2.10 0.00	25.20 2.01 0.00	23.30 1.80 0.00	21.13 1.63 0.00	19.48 1.51 0.00	26.61 1.79 -3.12	27.76 2.14 -0.04	30.06 2.39 -0.12	35.18 3.20 0.00	35.67 2.86 0.00	27.97 2.23 0.00	30.67 2.35 0.00	28.20 2.15 0.00	28.42 1.94 0.00	27.60 1.74 0.00
GLENWOOD___4 23550	47.27 3.66 -3.53	54.88 4.49 0.00	25.89 2.07 0.00	20.46 1.52 0.00	20.59 1.60 0.00	22.71 1.80 0.00	27.28 2.32 0.00	73.51 2.87 -42.53	29.79 2.51 0.00	25.95 2.20 0.00	25.28 2.10 0.00	23.38 1.87 0.00	21.19 1.69 0.00	19.55 1.57 0.00	26.69 1.88 -3.12	27.85 2.23 -0.04	30.12 2.45 -0.12	35.26 3.28 0.00	35.78 2.97 0.00	28.08 2.33 0.00	30.77 2.45 0.00	28.28 2.24 0.00	28.51 2.02 0.00	27.69 1.82 0.00
GLENWOOD___5 23614	47.27 3.66 -3.53	54.88 4.49 0.00	25.89 2.07 0.00	20.46 1.52 0.00	20.59 1.60 0.00	22.71 1.80 0.00	27.28 2.32 0.00	73.51 2.87 -42.53	29.79 2.51 0.00	25.95 2.20 0.00	25.28 2.10 0.00	23.38 1.87 0.00	21.19 1.69 0.00	19.55 1.57 0.00	26.69 1.88 -3.12	27.85 2.23 -0.04	30.12 2.45 -0.12	35.26 3.28 0.00	35.78 2.97 0.00	28.08 2.33 0.00	30.77 2.45 0.00	28.28 2.24 0.00	28.51 2.02 0.00	27.69 1.82 0.00
GLOBAL GREEN_PORT_GT1 23814	48.62 5.00 -3.53	56.33 5.95 0.00	26.54 2.72 0.00	20.93 1.99 0.00	21.11 2.13 0.00	23.35 2.43 0.00	28.08 3.12 0.00	74.32 3.69 -42.53	30.40 3.12 0.00	26.44 2.69 0.00	25.48 2.30 0.00	23.52 2.01 0.00	21.34 1.84 0.00	19.89 1.91 0.00	27.26 2.44 -3.12	28.66 3.04 -0.04	30.96 3.29 -0.12	35.96 3.98 0.00	36.43 3.62 0.00	28.63 2.88 0.00	31.32 2.99 0.00	28.90 2.85 0.00	29.16 2.68 0.00	28.48 2.61 0.00
GLOBE___DSASP 323697	34.41 -5.04 0.63	42.63 -6.32 1.44	20.81 -3.00 0.00	15.64 -2.31 0.99	16.50 -2.48 0.00	18.27 -2.66 0.00	21.62 -3.34 0.00	24.21 -3.90 0.00	23.58 -3.70 0.00	20.75 -3.00 0.00	21.14 -2.04 0.00	19.54 -1.96 0.00	17.89 -1.61 0.00	16.54 -1.43 0.00	19.89 -1.81 0.00	23.28 -2.30 0.00	24.69 -2.85 0.00	28.64 -3.34 0.00	29.28 -3.53 0.00	23.26 -2.48 0.00	25.78 -2.54 0.00	23.45 -2.59 0.00	24.33 -2.16 0.00	23.97 -1.90 0.00
GOETHSLN___LBMP 323567	43.15 3.07 0.00	54.21 3.82 0.00	25.53 1.71 0.00	20.23 1.29 0.00	20.33 1.35 0.00	22.39 1.46 0.00	26.78 1.82 0.00	30.40 2.30 0.00	29.31 2.03 0.00	25.53 1.78 0.00	24.92 1.73 0.00	23.10 1.59 0.00	20.93 1.41 -0.02	19.22 1.24 0.00	24.01 1.38 -0.93	27.24 1.66 0.00	29.47 1.92 0.00	34.64 2.67 0.00	35.09 2.28 0.00	27.49 1.75 0.00	30.11 1.79 0.00	27.70 1.65 0.00	27.87 1.39 0.00	27.09 1.22 0.00
GOLAH___69_KV_TB 1_2 80279	37.91 -1.66 0.51	47.00 -2.22 1.16	22.77 -1.05 0.00	17.33 -0.81 0.80	18.11 -0.87 0.00	20.08 -0.84 0.00	24.02 -0.94 0.00	27.03 -1.08 0.00	26.15 -1.13 0.00	22.75 -1.00 0.00	22.72 -0.46 0.00	20.94 -0.56 0.00	19.11 -0.39 0.00	17.66 -0.31 0.00	21.19 -0.51 0.00	24.99 -0.60 0.00	26.71 -0.84 0.00	31.17 -0.81 0.00	31.81 -1.00 0.00	25.11 -0.64 0.00	27.46 -0.86 0.00	25.14 -0.91 0.00	25.84 -0.64 0.00	25.25 -0.62 0.00
GOODYEAR_LAKE_HYD 323669	41.44 1.35 0.00	52.15 1.77 0.00	24.60 0.79 0.00	19.54 0.59 0.00	19.59 0.60 0.00	21.64 0.72 0.00	25.97 1.01 0.00	29.36 1.25 0.00	28.40 1.12 0.00	24.65 0.90 0.00	24.08 0.89 0.00	22.33 0.82 0.00	20.22 0.72 0.00	18.63 0.65 0.00	22.47 0.77 0.00	26.56 0.98 0.00	28.70 1.16 0.00	33.47 1.49 0.00	34.14 1.33 0.00	26.81 1.07 0.00	29.46 1.13 0.00	27.10 1.05 0.00	27.52 1.03 0.00	26.79 0.92 0.00

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	39.79 -0.30 0.00	49.99 -0.40 0.00	23.62 -0.20 0.00	18.78 -0.16 0.00	18.84 -0.14 0.00	20.81 -0.11 0.00	24.91 -0.05 0.00	28.11 0.00 0.00	27.15 -0.13 0.00	23.59 -0.16 0.00	23.18 0.00 0.00	21.49 -0.01 0.00	19.48 -0.02 0.00	17.95 -0.02 0.00	21.69 -0.01 0.00	25.53 -0.06 0.00	27.47 -0.08 0.00	32.12 0.13 0.00	32.69 -0.12 0.00	25.67 -0.07 0.00	28.21 -0.11 0.00	25.97 -0.08 0.00	26.46 -0.02 0.00	25.72 -0.15 0.00
GOUDEY___7 23579	39.82 -0.27 0.00	50.03 -0.36 0.00	23.63 -0.18 0.00	18.80 -0.14 0.00	18.85 -0.13 0.00	20.83 -0.09 0.00	24.93 -0.03 0.00	28.13 0.03 0.00	27.18 -0.10 0.00	23.61 -0.14 0.00	23.21 0.02 0.00	21.51 0.01 0.00	19.50 0.00 0.00	17.97 0.00 0.00	21.71 0.01 0.00	25.55 -0.03 0.00	27.49 -0.06 0.00	32.15 0.17 0.00	32.72 -0.09 0.00	25.69 -0.05 0.00	28.24 -0.08 0.00	25.99 -0.05 0.00	26.49 0.00 0.00	25.74 -0.13 0.00
GOUDEY___8 23580	39.79 -0.30 0.00	49.99 -0.40 0.00	23.62 -0.20 0.00	18.78 -0.16 0.00	18.84 -0.14 0.00	20.81 -0.11 0.00	24.91 -0.05 0.00	28.11 0.00 0.00	27.15 -0.13 0.00	23.59 -0.16 0.00	23.18 0.00 0.00	21.49 -0.01 0.00	19.48 -0.02 0.00	17.95 -0.02 0.00	21.69 -0.01 0.00	25.53 -0.06 0.00	27.47 -0.08 0.00	32.12 0.13 0.00	32.69 -0.12 0.00	25.67 -0.07 0.00	28.21 -0.11 0.00	25.97 -0.08 0.00	26.46 -0.02 0.00	25.72 -0.15 0.00
GOWANUS_GT1_1 24077	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_2 24078	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_3 24079	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_4 24080	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_5 24084	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_6 24111	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_7 24112	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT1_8 24113	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GOWANUS_GT2_1 24114	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_2 24115	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_3 24116	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_4 24117	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00

GOWANUS_GT2_5 24118	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_6 24119	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_7 24120	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT2_8 24121	43.50 3.41 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.95 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.91 0.01	25.05 1.86 0.00	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.14 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.87 2.89 0.00	35.33 2.52 0.00	27.70 1.95 0.00	30.35 2.03 0.00	27.92 1.88 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT3_1 24122	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
GOWANUS_GT3_2 24123	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
GOWANUS_GT3_3 24124	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
GOWANUS_GT3_4 24125	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00</																	

GOWANUS_GT4_4 24133	43.49 3.40 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.96 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.90 0.01	25.05 1.86 -0.01	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.33 2.52 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT4_5 24134	43.49 3.40 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.96 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.90 0.01	25.05 1.86 -0.01	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.33 2.52 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT4_6 24135	43.49 3.40 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.96 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.90 0.01	25.05 1.86 -0.01	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.33 2.52 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT4_7 24136	43.49 3.40 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.96 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.90 0.01	25.05 1.86 -0.01	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.33 2.52 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GOWANUS_GT4_8 24137	43.49 3.40 -0.01	54.64 4.25 -0.01	25.66 1.84 0.00	20.29 1.34 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.92 1.96 0.00	30.56 2.45 0.00	29.47 2.19 -0.01	25.65 1.90 0.01	25.05 1.86 -0.01	23.22 1.71 -0.01	21.03 1.51 -0.02	19.33 1.35 0.00	24.15 1.52 -0.93	27.41 1.83 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.33 2.52 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.14 1.66 0.00	27.36 1.49 0.00
GREENBSH_115KV_TB3 55895	40.80 0.71 0.00	51.23 0.85 0.00	24.32 0.51 0.00	19.39 0.45 0.00	19.47 0.48 0.00	21.44 0.52 0.00	25.47 0.51 0.00	28.77 0.67 0.00	27.83 0.55 0.00	24.15 0.39 0.00	23.51 0.32 0.00	21.89 0.39 0.00	19.84 0.34 0.00	18.27 0.30 0.00	22.07 0.37 0.00	25.98 0.39 0.00	28.01 0.46 0.00	32.81 0.83 0.00	33.42 0.61 0.00	26.18 0.44 0.00	28.81 0.49 0.00	26.45 0.41 0.00	26.69 0.21 0.00	25.97 0.10 0.00
GREENDGE_115KV_TB5 80291	35.96 -1.03 3.09	41.81 -1.55 7.02	23.08 -0.73 0.01	13.56 -0.55 4.83	18.45 -0.53 0.00	20.47 -0.45 0.00	24.57 -0.40 0.00	27.81 -0.29 0.00	26.77 -0.51 0.00	23.18 -0.57 0.00	22.93 -0.26 0.00	21.21 -0.29 0.00	19.25 -0.25 0.00	17.74 -0.23 0.00	21.46 -0.24 0.00	25.17 -0.41 0.00	26.98 -0.57 0.00	31.44 -0.54 0.00	31.96 -0.85 0.00	25.38 -0.36 0.00	28.07 -0.25 0.00	25.89 -0.16 0.00	26.36 -0.13 0.00	25.61 -0.26 0.00
GREENIDGE___3 23582	35.96 -1.03 3.09	41.81 -1.55 7.02	23.08 -0.73 0.01	13.56 -0.55 4.83	18.45 -0.53 0.00	20.47 -0.45 0.00	24.57 -0.40 0.00	27.81 -0.29 0.00	26.77 -0.51 0.00	23.18 -0.57 0.00	22.93 -0.26 0.00	21.21 -0.29 0.00	19.25 -0.25 0.00	17.74 -0.23 0.00	21.46 -0.24 0.00	25.17 -0.41 0.00	26.98 -0.57 0.00	31.44 -0.54 0.00	31.96 -0.85 0.00	25.38 -0.36 0.00	28.07 -0.25 0.00	25.89 -0.16 0.00	26.36 -0.13 0.00	25.61 -0.26 0.00
GREENIDGE___4 23583	35.96 -1.03 3.09	41.80 -1.57 7.02	23.08 -0.73 0.01	13.56 -0.55 4.83	18.45 -0.53 0.00	20.48 -0.45 0.00	24.56 -0.40 0.00	27.81 -0.30 0.00	26.77 -0.51 0.00	23.18 -0.57 0.00	22.93 -0.26 0.00	21.21 -0.29 0.00	19.25 -0.25 0.00	17.74 -0.23 0.00	21.46 -0.24 0.00	25.17 -0.41 0.00	26.98 -0.57 0.00	31.44 -0.54 0.00	31.95 -0.86 0.00	26.24 -0.37 -0.86	29.46 -0.25 -1.39	26.14 -0.16 -0.25	26.56 -0.13 -0.20	25.61 -0.26 0.00
GREENLWN_69_KV_BK 3 55738	47.20 3.59 -3.53	54.76 4.38 0.00	25.85 2.03 0.00	20.40 1.46 0.00	20.54 1.56 0.00	22.65 1.73 0.00	27.18 2.22 0.00	73.36 2.73 -42.53	29.68 2.40 0.00	25.88 2.13 0.00	25.17 1.99 0.00	23.27 1.77 0.00	21.11 1.61 0.00	19.50 1.53 0.00	26.65 1.83 -3.12	27.74 2.12 -0.04	30.00 2.33 -0.12	35.14 3.16 0.00	35.59 2.78 0.00	27.92 2.18 0.00	30.60 2.28 0.00	28.10 2.05 0.00	28.36 1.88 0.00	27.61 1.74 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	43.49 3.40 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.98 0.00	30.58 2.47 0.00	29.50 2.21 -0.01	102.40 1.92 -76.72	25.08 1.89 -0.01	23.24 1.74 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.17 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.35 2.55 0.00	27.72 1.98 0.00	30.38 2.06 0.00	27.95 1.90 0.00	28.17 1.68 0.00	27.39 1.52 0.00
GRISSOM___SOLAR 323813	43.97 3.89 0.00	55.16 4.77 0.00	26.00 2.18 0.00	20.65 1.71 0.00	20.75 1.76 0.00	22.99 2.07 0.00	27.65 2.69 0.00	31.27 3.17 0.00	29.93 2.65 0.00	25.22 1.47 0.00	24.15 0.96 0.00	22.30 0.80 0.00	20.11 0.60 0.00	18.53 0.56 0.00	22.61 0.91 0.00	27.66 2.07 0.00	30.69 3.14 0.00	35.77 3.79 0.00	36.57 3.76 0.00	28.74 3.00 0.00	31.56 3.24 0.00	28.93 2.88 0.00	29.37 2.88 0.00	28.54 2.67 0.00
GROVEVILLE___HYD 323602	43.10 3.01 0.00	54.09 3.70 0.00	25.51 1.70 0.00	20.22 1.28 0.00	20.32 1.34 0.00	22.43 1.51 0.00	26.87 1.91 0.00	30.47 2.36 0.00	29.38 2.10 0.00	25.51 1.76 0.00	24.87 1.68 0.00	23.02 1.52 0.00	20.84 1.34 0.00	19.16 1.19 0.00	23.11 1.41 0.00	27.31 1.73 0.00	29.53 1.98 0.00	34.70 2.72 0.00	35.23 2.42 0.00	27.60 1.85 0.00	30.25 1.93 0.00	27.83 1.78 0.00	28.06 1.57 0.00	27.25 1.38 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
HAMLTNNY_34_KV_TB 80303	40.01 -0.08 0.00	50.16 -0.23 0.00	23.69 -0.12 0.00	18.87 -0.07 0.00	18.92 -0.07 0.00	20.95 0.03 0.00	25.08 0.12 0.00	28.26 0.15 0.00	27.30 0.03 0.00	23.70 -0.05 0.00	23.36 0.17 0.00	21.59 0.08 0.00	19.62 0.12 0.00	18.11 0.13 0.00	21.81 0.12 0.00	25.75 0.17 0.00	27.80 0.26 0.00	32.49 0.50 0.00	33.08 0.27 0.00	26.01 0.27 0.00	28.58 0.25 0.00	26.26 0.21 0.00	26.72 0.23 0.00	25.98 0.11 0.00

HAMPSHIRE___PAPER_HYD 323593	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.41 -0.74 -4.17	24.45 -0.95 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00
HARDSCRABBLE_WT_PWR 323673	39.91 -0.18 0.00	49.86 -0.53 0.00	23.57 -0.25 0.00	18.76 -0.18 0.00	18.88 -0.11 0.00	20.88 -0.04 0.00	25.51 0.08 -0.47	28.29 0.19 0.00	27.22 -0.06 0.00	23.43 -0.32 0.00	22.77 -0.42 0.00	21.14 -0.36 0.00	19.20 -0.29 0.00	17.71 -0.27 0.00	21.43 -0.27 0.00	25.43 -0.15 0.00	27.52 -0.03 0.00	32.22 0.24 0.00	32.77 -0.04 0.00	25.68 -0.06 0.00	28.26 -0.06 0.00	26.01 -0.04 0.00	26.12 -0.36 0.00	25.35 -0.52 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	42.65 2.57 0.00	53.58 3.20 0.00	25.28 1.46 0.00	20.02 1.08 0.00	20.13 1.15 0.00	22.24 1.32 0.00	26.64 1.68 0.00	30.19 2.08 0.00	29.13 1.85 0.00	25.33 1.57 0.00	24.73 1.55 0.00	22.90 1.40 0.00	20.71 1.21 0.00	19.06 1.08 0.00	21.67 1.26 1.30	27.14 1.56 0.00	29.36 1.81 0.00	34.50 2.51 0.00	34.99 2.18 0.00	27.40 1.66 0.00	30.04 1.72 0.00	27.64 1.59 0.00	27.87 1.39 0.00	27.08 1.21 0.00
HARSNRAD_115KV_TB1 81005	35.31 -4.16 0.62	43.75 -5.22 1.41	21.37 -2.44 0.00	16.06 -1.91 0.97	16.93 -2.05 0.00	18.77 -2.15 0.00	22.25 -2.71 0.00	24.95 -3.15 0.00	24.28 -3.00 0.00	21.33 -2.42 0.00	21.71 -1.47 0.00	20.05 -1.45 0.00	18.34 -1.16 0.00	16.94 -1.03 0.00	20.40 -1.30 0.00	23.93 -1.66 0.00	25.42 -2.13 0.00	29.55 -2.43 0.00	30.18 -2.63 0.00	23.89 -1.85 0.00	26.35 -1.97 0.00	24.09 -1.95 0.00	24.97 -1.51 0.00	24.53 -1.34 0.00
HARZA MOOSE___RIVER 24016	41.21 -0.70 -1.82	51.58 -0.93 -2.13	24.71 -0.45 -1.34	19.81 -0.34 -1.20	19.83 -0.35 -1.20	21.86 -0.35 -1.29	25.35 -0.22 -0.61	29.46 -0.13 -1.48	28.71 -0.08 -1.52	24.94 -0.23 -1.42	23.97 -0.55 -1.34	22.18 -0.60 -1.27	20.16 -0.56 -1.21	17.77 -0.50 -0.30	21.10 -0.60 0.00	25.06 -0.53 0.00	27.74 -0.37 -0.57	33.25 -0.29 -1.56	34.11 -0.34 -1.64	26.89 -0.28 -1.42	29.44 -0.37 -1.48	27.08 -0.37 -1.40	26.45 -0.40 -0.36	25.57 -0.30 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	39.25 -0.84 0.00	49.28 -1.10 0.00	23.30 -0.52 0.00	18.56 -0.38 0.00	18.61 -0.37 0.00	20.55 -0.37 0.00	24.53 -0.44 0.00	27.59 -0.51 0.00	26.71 -0.57 0.00	23.25 -0.51 0.00	22.80 -0.39 0.00	21.15 -0.35 0.00	19.20 -0.30 0.00	17.70 -0.28 0.00	21.34 -0.36 0.00	25.12 -0.46 0.00	27.07 -0.48 0.00	31.59 -0.40 0.00	32.25 -0.56 0.00	25.31 -0.43 0.00	27.84 -0.49 0.00	25.59 -0.45 0.00	26.11 -0.37 0.00	25.44 -0.43 0.00
HELLGATE_13_KV_LD 55870	43.51 3.42 -0.01	54.65 4.26 -0.01	25.75 1.93 -0.01	20.79 1.46 -0.40	20.49 1.50 0.00	22.59 1.67 0.00	27.00 2.04 0.00	30.67 2.56 0.00	29.59 2.31 -0.01	102.46 2.02 -76.69	25.16 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.50 1.92 0.00	29.74 2.19 0.00	34.96 2.98 0.00	35.42 2.61 0.00	27.75 2.01 0.00	30.40 2.08 0.00	27.96 1.91 0.00	28.15 1.66 0.00	27.37 1.50 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	43.51 3.42 -0.01	54.65 4.26 -0.01	25.75 1.93 -0.01	20.79 1.46 -0.40	20.49 1.50 0.00	22.59 1.67 0.00	27.00 2.04 0.00	30.67 2.56 0.00	29.59 2.31 -0.01	102.46 2.02 -76.69	25.16 1.97 -0.01	23.31 1.81 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.23 1.61 -0.93	27.50 1.92 0.00	29.74 2.19 0.00	34.96 2.98 0.00	35.42 2.61 0.00	27.75 2.01 0.00	30.40 2.08 0.00	27.96 1.91 0.00	28.15 1.66 0.00	27.37 1.50 0.00
HEMPSTEAD____ 23647	47.10 3.49 -3.53	54.63 4.25 0.00	25.77 1.96 0.00	20.36 1.42 0.00	20.49 1.51 0.00	22.61 1.69 0.00	27.15 2.19 0.00	73.37 2.73 -42.53	29.64 2.36 0.00	25.82 2.06 0.00	25.14 1.95 0.00	23.24 1.74 0.00	21.07 1.57 0.00	19.44 1.47 0.00	26.58 1.76 -3.12	27.71 2.09 -0.04	30.02 2.35 -0.12	35.15 3.17 0.00	35.63 2.81 0.00	27.94 2.20 0.00	30.62 2.30 0.00	28.15 2.10 0.00	28.36 1.88 0.00	27.56 1.69 0.00
HEWLETT__69_KV_BK3 55828	47.27 3.66 -3.53	54.87 4.49 0.00	25.92 2.10 0.00	20.49 1.55 0.00	20.60 1.62 0.00	22.74 1.82 0.00	27.29 2.33 0.00	73.48 2.85 -42.53	29.68 2.40 0.00	25.84 2.08 0.00	25.19 2.01 0.00	23.28 1.78 0.00	21.10 1.59 0.00	19.46 1.49 0.00	26.59 1.77 -3.12	27.81 2.19 -0.04	30.18 2.51 -0.12	35.25 3.27 0.00	35.73 2.92 0.00	28.01 2.27 0.00	30.83 2.51 0.00	28.34 2.29 0.00	28.58 2.09 0.00	27.72 1.85 0.00
HICKLING___1 23621	35.63 -1.28 3.18	41.46 -1.71 7.21	22.98 -0.83 0.01	13.33 -0.65 4.96	18.36 -0.62 0.00	20.36 -0.56 0.00	24.45 -0.51 0.00	27.63 -0.47 0.00	26.62 -0.66 0.00	23.11 -0.64 0.00	22.84 -0.35 0.00	21.17 -0.34 0.00	19.17 -0.33 0.00	17.67 -0.30 0.00	21.41 -0.29 0.00	25.17 -0.41 0.00	27.05 -0.50 0.00	31.70 -0.28 0.00	32.23 -0.58 0.00	25.42 -0.33 0.00	27.89 -0.43 0.00	25.79 -0.26 0.00	26.28 -0.21 0.00	25.41 -0.46 0.00
HICKLING___2 23622	35.63 -1.28 3.18	41.46 -1.71 7.21	22.98 -0.83 0.01	13.33 -0.65 4.96	18.36 -0.62 0.00	20.36 -0.56 0.00	24.45 -0.51 0.00	27.63 -0.47 0.00	26.62 -0.66 0.00	23.11 -0.64 0.00	22.84 -0.35 0.00	21.17 -0.34 0.00	19.17 -0.33 0.00	17.67 -0.30 0.00	21.41 -0.29 0.00	25.17 -0.41 0.00	27.05 -0.50 0.00	31.70 -0.28 0.00	32.23 -0.58 0.00	25.42 -0.33 0.00	27.89 -0.43 0.00	25.79 -0.26 0.00	26.28 -0.21 0.00	25.41 -0.46 0.00
HIGH FALLS___HY 23754	43.20 3.11 0.00	54.30 3.92 0.00	25.58 1.77 0.00	20.25 1.31 0.00	20.35 1.37 0.00	22.49 1.57 0.00	26.99 2.03 0.00	30.63 2.52 0.00	29.52 2.24 0.00	25.66 1.90 0.00	24.97 1.78 0.00	23.00 1.50 0.00	20.77 1.27 0.00	19.09 1.12 0.00	22.91 1.22 0.00	27.15 1.57 0.00	29.47 1.92 0.00	34.68 2.70 0.00	35.19 2.38 0.00	27.57 1.83 0.00	30.20 1.88 0.00	27.82 1.77 0.00	28.25 1.76 0.00	27.43 1.56 0.00
HILLBURN___GT 23639	42.61 2.53 0.00	53.55 3.16 0.00	25.26 1.45 0.00	20.00 1.06 0.00	20.12 1.14 0.00	22.22 1.30 0.00	26.64 1.67 0.00	30.18 2.07 0.00	29.11 1.83 0.00	25.32 1.57 0.00	24.74 1.56 0.00	22.92 1.42 0.00	20.72 1.22 0.00	19.06 1.08 0.00	21.48 1.24 1.46	27.10 1.52 0.00	29.32 1.77 0.00	34.45 2.47 0.00	34.93 2.12 0.00	27.36 1.61 0.00	29.98 1.66 0.00	27.59 1.54 0.00	27.82 1.33 0.00	27.04 1.17 0.00
HILLSIDE_115KV_TB1 80332	35.72 -1.50 2.87	41.88 -1.99 6.51	22.85 -0.96 0.01	13.71 -0.75 4.48	18.26 -0.72 0.00	20.20 -0.73 0.00	24.22 -0.74 0.00	27.34 -0.76 0.00	26.37 -0.91 0.00	22.94 -0.81 0.00	22.70 -0.49 0.00	21.05 -0.45 0.00	19.06 -0.44 0.00	17.57 -0.40 0.00	21.27 -0.43 0.00	24.98 -0.61 0.00	26.81 -0.73 0.00	31.43 -0.55 0.00	31.91 -0.90 0.00	25.12 -0.62 0.00	27.58 -0.74 0.00	25.46 -0.59 0.00	25.96 -0.52 0.00	25.16 -0.71 0.00

HISHELDN_WT_PWR 323625	34.68 -4.74 0.67	42.95 -5.92 1.52	21.09 -2.73 0.00	15.80 -2.10 1.05	16.77 -2.21 0.00	18.60 -2.32 0.00	22.05 -2.91 0.00	24.66 -3.45 0.00	23.98 -3.30 0.00	21.16 -2.59 0.00	21.55 -1.64 0.00	19.92 -1.58 0.00	18.13 -1.37 0.00	16.76 -1.21 0.00	20.19 -1.51 0.00	23.72 -1.87 0.00	25.22 -2.32 0.00	29.42 -2.56 0.00	30.07 -2.74 0.00	21.84 -1.88 2.02	23.15 -1.92 3.25	23.53 -1.93 0.59	24.49 -1.53 0.47	24.45 -1.42 0.00
HOLTSVILLE_IC_1 23690	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
HOLTSVILLE_IC_10 23699	47.75 4.14 -3.53	55.30 4.91 0.00	26.06 2.24 0.00	20.55 1.61 0.00	20.72 1.73 0.00	22.87 1.95 0.00	27.49 2.53 0.00	73.70 3.06 -42.53	29.91 2.63 0.00	26.05 2.30 0.00	25.23 2.05 0.00	23.31 1.81 0.00	21.17 1.67 0.00	19.63 1.66 0.00	26.87 2.05 -3.12	28.09 2.48 -0.04	30.37 2.70 -0.12	35.40 3.42 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.44 2.39 0.00	28.67 2.19 0.00	27.91 2.04 0.00
HOLTSVILLE_IC_2 23691	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
HOLTSVILLE_IC_3 23692	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
HOLTSVILLE_IC_4 23693	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
HOLTSVILLE_IC_5 23694	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
HOLTSVILLE_IC_6 23695	47.75 4.14 -3.53	55.30 4.91 0.00	26.06 2.24 0.00	20.55 1.61 0.00	20.72 1.73 0.00	22.87 1.95 0.00	27.49 2.53 0.00	73.70 3.06 -42.53	29.91 2.63 0.00	26.05 2.30 0.00	25.23 2.05 0.00	23.31 1.81 0.00	21.17 1.67 0.00	19.63 1.66 0.00	26.87 2.05 -3.12	28.09 2.48 -0.04	30.37 2.70 -0.12	35.40 3.42 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.44 2.39 0.00	28.67 2.19 0.00	27.91 2.04 0.00
HOLTSVILLE_IC_7 23696	47.75 4.14 -3.53	55.30 4.91 0.00	26.06 2.24 0.00	20.55 1.61 0.00	20.72 1.73 0.00	22.87 1.95 0.00	27.49 2.53 0.00	73.70 3.06 -42.53	29.91 2.63 0.00	26.05 2.30 0.00	25.23 2.05 0.00	23.31 1.81 0.00	21.17 1.67 0.00	19.63 1.66 0.00	26.87 2.05 -3.12	28.09 2.48 -0.04	30.37 2.70 -0.12	35.40 3.42 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.44 2.39 0.00	28.67 2.19 0.00	27.91 2.04 0.00
HOLTSVILLE_IC_8 23697	47.75 4.14 -3.53	55.30 4.91 0.00	26.06 2.24 0.00	20.55 1.61 0.00	20.72 1.73 0.00	22.87 1.95 0.00	27.49 2.53 0.00	73.70 3.06 -42.53	29.91 2.63 0.00	26.05 2.30 0.00	25.23 2.05 0.00	23.31 1.81 0.00	21.17 1.67 0.00	19.63 1.66 0.00	26.87 2.05 -3.12	28.09 2.48 -0.04	30.37 2.70 -0.12	35.40 3.42 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.44 2.39 0.00	28.67 2.19 0.00	27.91 2.04 0.00
HOLTSVILLE_IC_9 23698	47.75 4.14 -3.53	55.30 4.91 0.00	26.06 2.24 0.00	20.55 1.61 0.00	20.72 1.73 0.00	22.87 1.95 0.00	27.49 2.53 0.00	73.70 3.06 -42.53	29.91 2.63 0.00	26.05 2.30 0.00	25.23 2.05 0.00	23.31 1.81 0.00	21.17 1.67 0.00	19.63 1.66 0.00	26.87 2.05 -3.12	28.09 2.48 -0.04	30.37 2.70 -0.12	35.40 3.42 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.44 2.39 0.00	28.67 2.19 0.00	27.91 2.04 0.00
HOMER_HL_115KV_TB2 355744	38.05 -1.21 0.82	46.82 -1.71 1.86	23.09 -0.73 0.00	17.11 -0.55 1.28	18.28 -0.71 0.00	20.15 -0.78 0.00	24.06 -0.90 0.00	26.83 -1.27 0.00	26.18 -1.10 0.00	22.91 -0.84 0.00	23.19 0.00 0.00	21.54 0.04 0.00	19.58 0.08 0.00	18.08 0.10 0.00	21.81 0.11 0.00	25.72 0.13 0.00	27.28 -0.27 0.00	31.70 -0.28 0.00	32.09 -0.72 0.00	25.29 -0.45 0.00	27.90 -0.42 0.00	25.54 -0.50 0.00	26.41 -0.08 0.00	25.73 -0.14 0.00
HOWARD_WT_PWR 323690	32.88 -3.76 3.44	37.67 -4.90 7.81	21.44 -2.37 0.01	11.70 -1.87 5.37	17.24 -1.74 0.00	19.25 -1.67 0.00	23.20 -1.76 0.00	26.57 -1.53 0.00	25.23 -2.05 0.00	21.77 -1.98 0.00	21.56 -1.63 0.00	20.02 -1.48 0.00	18.19 -1.31 0.00	16.71 -1.26 0.00	20.26 -1.44 0.00	23.77 -1.82 0.00	25.56 -1.99 0.00	30.15 -1.83 0.00	30.58 -2.23 0.00	25.80 -1.34 -1.40	28.95 -1.63 -2.25	25.56 -0.90 -0.41	25.83 -0.98 -0.32	24.30 -1.57 0.00
HQ_GEN_CEDARS 23644	43.08 0.30 -2.68	53.92 0.41 -3.13	25.97 0.18 -1.98	20.84 0.13 -1.77	20.80 0.06 -1.76	22.75 -0.06 -1.89	20.39 -0.22 4.36	30.03 -0.25 -2.19	29.45 -0.07 -2.24	25.98 0.14 -2.10	25.18 0.01 -1.98	23.36 -0.01 -1.87	21.29 0.01 -1.78	18.46 0.04 -0.44	21.78 0.08 0.00	25.73 0.15 0.00	28.42 0.04 -0.83	33.69 -0.60 -2.31	34.98 -0.24 -2.42	27.68 -0.15 -2.09	30.57 0.07 -2.18	28.17 0.06 -2.07	27.23 0.21 -0.54	26.36 0.49 0.00
HQ_GEN_CEDARS_PROXY 323590	43.08 0.31 -2.68	53.93 0.41 -3.13	25.97 0.18 -1.98	20.84 0.13 -1.77	20.80 0.06 -1.76	22.75 -0.06 -1.89	20.38 -0.22 4.36	30.03 -0.25 -2.19	29.45 -0.07 -2.24	25.98 0.14 -2.10	25.17 0.01 -1.98	23.36 -0.01 -1.87	21.29 0.00 -1.78	18.46 0.04 -0.44	21.78 0.08 0.00	25.73 0.15 0.00	28.42 0.04 -0.83	33.68 -0.60 -2.31	34.98 -0.24 -2.42	27.68 -0.16 -2.09	30.57 0.07 -2.18	28.17 0.06 -2.07	27.23 0.21 -0.54	26.36 0.49 0.00

HQ_GEN_IMPORT 323601	40.11 0.02 0.00	49.70 0.03 0.71	23.83 0.01 0.00	18.95 0.01 0.00	18.95 -0.03 0.00	20.85 -0.07 0.00	24.13 -0.10 0.74	27.94 -0.16 0.00	27.27 -0.01 0.00	23.69 0.04 0.10	23.76 -0.02 -0.60	21.48 -0.02 0.00	19.48 -0.02 0.00	17.98 0.00 0.00	21.71 0.01 0.00	25.61 0.03 0.00	26.69 -0.02 0.83	31.61 -0.37 0.00	32.72 -0.09 0.00	25.69 -0.05 0.00	28.31 -0.01 0.00	26.04 0.00 0.00	26.55 0.06 0.00	26.04 0.17 0.00
HQ_GEN_WHEEL 23651	40.11 0.02 0.00	49.70 0.03 0.71	23.83 0.01 0.00	18.95 0.01 0.00	18.95 -0.03 0.00	20.85 -0.07 0.00	24.13 -0.10 0.74	27.94 -0.16 0.00	27.27 -0.01 0.00	23.69 0.04 0.10	23.76 -0.02 -0.60	21.48 -0.02 0.00	19.48 -0.02 0.00	17.98 0.00 0.00	21.71 0.01 0.00	25.61 0.03 0.00	26.69 -0.02 0.83	31.61 -0.37 0.00	32.72 -0.09 0.00	25.69 -0.05 0.00	28.31 -0.01 0.00	26.04 0.00 0.00	26.55 0.06 0.00	26.04 0.17 0.00
HUDSON AVE_GT_3 23810	43.44 3.35 0.00	54.54 4.16 0.00	25.69 1.88 0.00	20.36 1.42 0.00	20.45 1.47 0.00	22.53 1.61 0.00	26.96 2.00 0.00	30.61 2.51 0.00	29.52 2.24 0.00	25.72 1.97 0.00	25.10 1.91 0.00	23.27 1.76 0.00	21.09 1.56 -0.02	19.36 1.39 0.00	24.20 1.57 -0.93	27.45 1.87 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.34 2.53 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.90 1.86 0.00	28.10 1.61 0.00	27.30 1.43 0.00
HUDSON AVE_GT_4 23540	43.44 3.35 0.00	54.54 4.16 0.00	25.69 1.88 0.00	20.36 1.42 0.00	20.45 1.47 0.00	22.53 1.61 0.00	26.96 2.00 0.00	30.61 2.51 0.00	29.52 2.24 0.00	25.72 1.97 0.00	25.10 1.91 0.00	23.27 1.76 0.00	21.09 1.56 -0.02	19.36 1.39 0.00	24.20 1.57 -0.93	27.45 1.87 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.34 2.53 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.90 1.86 0.00	28.10 1.61 0.00	27.30 1.43 0.00
HUDSON AVE_GT_5 23657	43.44 3.35 0.00	54.54 4.16 0.00	25.69 1.88 0.00	20.36 1.42 0.00	20.45 1.47 0.00	22.53 1.61 0.00	26.96 2.00 0.00	30.61 2.51 0.00	29.52 2.24 0.00	25.72 1.97 0.00	25.10 1.91 0.00	23.27 1.76 0.00	21.09 1.56 -0.02	19.36 1.39 0.00	24.20 1.57 -0.93	27.45 1.87 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.34 2.53 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.90 1.86 0.00	28.10 1.61 0.00	27.30 1.43 0.00
HUDSON_AVE_10 24168	43.43 3.35 0.00	54.53 4.15 0.00	25.67 1.85 0.00	20.35 1.40 0.00	20.44 1.46 0.00	22.52 1.60 0.00	26.94 1.98 0.00	30.59 2.49 0.00	29.53 2.25 0.00	25.69 1.94 0.00	25.06 1.87 0.00	23.25 1.74 0.00	21.07 1.55 -0.02	19.35 1.38 0.00	24.18 1.55 -0.93	27.41 1.83 0.00	29.64 2.09 0.00	34.85 2.86 0.00	35.32 2.50 0.00	27.67 1.93 0.00	30.31 1.99 0.00	27.87 1.83 0.00	28.05 1.56 0.00	27.26 1.39 0.00
HUDSON___115KV_TB 4 355613	41.67 1.58 0.00	52.27 1.89 0.00	24.79 0.98 0.00	19.77 0.83 0.00	19.84 0.86 0.00	21.89 0.97 0.00	26.07 1.11 0.00	29.46 1.35 0.00	28.49 1.21 0.00	24.58 0.83 0.00	23.86 0.67 0.00	22.17 0.67 0.00	20.09 0.59 0.00	18.51 0.54 0.00	22.43 0.73 0.00	26.51 0.92 0.00	28.71 1.16 0.00	33.68 1.69 0.00	34.29 1.48 0.00	26.86 1.12 0.00	29.54 1.22 0.00	27.10 1.05 0.00	27.33 0.85 0.00	26.55 0.69 0.00
HUNTER MOUNT___DRP 323613	41.81 1.72 0.00	52.44 2.06 0.00	24.88 1.07 0.00	19.85 0.91 0.00	19.91 0.93 0.00	21.98 1.06 0.00	26.18 1.22 0.00	29.58 1.48 0.00	28.61 1.33 0.00	24.62 0.86 0.00	23.87 0.68 0.00	22.17 0.67 0.00	20.09 0.59 0.00	18.52 0.55 0.00	22.49 0.79 0.00	26.62 1.04 0.00	28.86 1.31 0.00	33.86 1.88 0.00	34.49 1.68 0.00	27.02 1.28 0.00	29.73 1.41 0.00	27.24 1.20 0.00	27.46 0.98 0.00	26.69 0.82 0.00
HUNTINGTON_RES_REC 323705	47.42 3.80 -3.53	54.94 4.56 0.00	25.91 2.10 0.00	20.44 1.50 0.00	20.60 1.61 0.00	22.72 1.80 0.00	27.28 2.32 0.00	73.47 2.83 -42.53	29.76 2.48 0.00	25.94 2.19 0.00	25.17 1.99 0.00	23.26 1.75 0.00	21.11 1.61 0.00	19.53 1.56 0.00	26.72 1.90 -3.12	27.84 2.22 -0.04	30.10 2.43 -0.12	35.21 3.23 0.00	35.68 2.87 0.00	28.00 2.26 0.00	30.69 2.37 0.00	28.27 2.22 0.00	28.48 2.00 0.00	27.72 1.86 0.00
HUNTLEY___63 23557	35.53 -3.91 0.65	43.99 -4.93 1.47	21.49 -2.32 0.00	16.15 -1.78 1.01	17.05 -1.93 0.00	18.91 -2.00 0.00	22.43 -2.53 0.00	25.13 -2.97 0.00	24.48 -2.80 0.00	21.51 -2.24 0.00	21.89 -1.30 0.00	20.21 -1.29 0.00	18.48 -1.02 0.00	17.08 -0.90 0.00	20.56 -1.14 0.00	24.10 -1.49 0.00	25.61 -1.94 0.00	29.79 -2.19 0.00	30.43 -2.38 0.00	24.10 -1.64 0.00	26.62 -1.70 0.00	24.30 -1.75 0.00	25.17 -1.32 0.00	24.69 -1.17 0.00
HUNTLEY___64 23558	35.53 -3.91 0.65	43.99 -4.93 1.47	21.49 -2.32 0.00	16.15 -1.78 1.01	17.05 -1.93 0.00	18.91 -2.00 0.00	22.43 -2.53 0.00	25.13 -2.97 0.00	24.48 -2.80 0.00	21.51 -2.24 0.00	21.89 -1.30 0.00	20.21 -1.29 0.00	18.48 -1.02 0.00	17.08 -0.90 0.00	20.56 -1.14 0.00	24.10 -1.49 0.00	25.61 -1.94 0.00	29.79 -2.19 0.00	30.43 -2.38 0.00	24.10 -1.64 0.00	26.62 -1.70 0.00	24.30 -1.75 0.00	25.17 -1.32 0.00	24.69 -1.17 0.00
HUNTLEY___65 23559	35.53 -3.91 0.65	43.99 -4.93 1.47	21.49 -2.32 0.00	16.15 -1.78 1.01	17.05 -1.93 0.00	18.91 -2.00 0.00	22.43 -2.53 0.00	25.13 -2.97 0.00	24.48 -2.80 0.00	21.51 -2.24 0.00	21.89 -1.30 0.00	20.21 -1.29 0.00	18.48 -1.02 0.00	17.08 -0.90 0.00	20.56 -1.14 0.00	24.10 -1.49 0.00	25.61 -1.94 0.00	29.79 -2.19 0.00	30.43 -2.38 0.00	24.10 -1.64 0.00	26.62 -1.70 0.00	24.30 -1.75 0.00	25.17 -1.32 0.00	24.69 -1.17 0.00
HUNTLEY___66 23560	35.53 -3.91 0.65	43.99 -4.93 1.47	21.49 -2.32 0.00	16.15 -1.78 1.01	17.05 -1.93 0.00	18.91 -2.00 0.00	22.43 -2.53 0.00	25.13 -2.97 0.00	24.48 -2.80 0.00	21.51 -2.24 0.00	21.89 -1.30 0.00	20.21 -1.29 0.00	18.48 -1.02 0.00	17.08 -0.90 0.00	20.56 -1.14 0.00	24.10 -1.49 0.00	25.61 -1.94 0.00	29.79 -2.19 0.00	30.43 -2.38 0.00	24.10 -1.64 0.00	26.62 -1.70 0.00	24.30 -1.75 0.00	25.17 -1.32 0.00	24.69 -1.17 0.00
HUNTLEY___67 23561	35.35 -4.08 0.66	43.72 -5.18 1.49	21.40 -2.42 0.00	16.04 -1.88 1.03	16.98 -2.00 0.00	18.81 -2.11 0.00	22.32 -2.65 0.00	24.99 -3.11 0.00	24.32 -2.96 0.00	21.40 -2.36 0.00	21.76 -1.42 0.00	20.12 -1.38 0.00	18.38 -1.12 0.00	16.99 -0.99 0.00	20.46 -1.24 0.00	24.00 -1.58 0.00	25.47 -2.08 0.00	29.61 -2.37 0.00	30.23 -2.58 0.00	23.93 -1.82 0.00	26.41 -1.91 0.00	24.16 -1.89 0.00	25.01 -1.47 0.00	24.52 -1.34 0.00
HUNTLEY___68 23562	35.35 -4.08 0.66	43.72 -5.18 1.49	21.40 -2.42 0.00	16.04 -1.88 1.03	16.98 -2.00 0.00	18.81 -2.11 0.00	22.32 -2.65 0.00	24.99 -3.11 0.00	24.32 -2.96 0.00	21.40 -2.36 0.00	21.76 -1.42 0.00	20.12 -1.38 0.00	18.38 -1.12 0.00	16.99 -0.99 0.00	20.46 -1.24 0.00	24.00 -1.58 0.00	25.47 -2.08 0.00	29.61 -2.37 0.00	30.23 -2.58 0.00	23.93 -1.82 0.00	26.41 -1.91 0.00	24.16 -1.89 0.00	25.01 -1.47 0.00	24.52 -1.34 0.00



HYLAND___LFGE 323620	37.26 -0.82 2.02	44.51 -1.30 4.57	23.17 -0.65 0.00	15.30 -0.50 3.14	18.51 -0.48 0.00	20.62 -0.30 0.00	24.84 -0.12 0.00	28.20 0.10 0.00	27.09 -0.19 0.00	22.94 -0.82 0.00	22.39 -0.80 0.00	20.71 -0.79 0.00	18.83 -0.67 0.00	17.36 -0.62 0.00	20.98 -0.72 0.00	24.81 -0.78 0.00	27.41 -0.13 0.00	32.39 0.41 0.00	33.11 0.30 0.00	26.75 0.36 -0.65	29.65 0.28 -1.05	26.59 0.35 -0.19	27.12 0.48 -0.15	26.02 0.15 0.00
INDECK___CORINTH 23802	41.20 1.11 0.00	51.67 1.28 0.00	24.43 0.62 0.00	19.44 0.50 0.00	19.55 0.57 0.00	21.63 0.71 0.00	25.87 0.91 0.00	29.17 1.07 0.00	27.98 0.69 0.00	24.72 0.97 0.00	24.12 0.94 0.00	22.24 0.74 0.00	20.13 0.63 0.00	18.58 0.60 0.00	22.57 0.87 0.00	26.80 1.21 0.00	28.98 1.43 0.00	34.00 2.02 0.00	34.59 1.78 0.00	27.01 1.27 0.00	29.64 1.32 0.00	27.34 1.29 0.00	27.58 1.09 0.00	27.05 1.19 0.00
INDECK___ILION 23567	40.33 0.24 0.00	50.59 0.20 0.00	23.92 0.10 0.00	19.03 0.09 0.00	19.12 0.14 0.00	21.12 0.20 0.00	25.73 0.30 -0.47	28.52 0.42 0.00	27.53 0.25 0.00	23.82 0.07 0.00	23.19 0.00 0.00	21.50 -0.01 0.00	19.49 -0.01 0.00	17.95 -0.02 0.00	21.73 0.03 0.00	25.70 0.12 0.00	27.77 0.22 0.00	32.49 0.51 0.00	33.14 0.33 0.00	25.96 0.22 0.00	28.55 0.23 0.00	26.26 0.21 0.00	26.53 0.04 0.00	25.80 -0.07 0.00
INDECK___OLEAN 23982	38.05 -1.21 0.82	46.81 -1.72 1.86	23.09 -0.73 0.00	17.10 -0.56 1.28	18.26 -0.72 0.00	20.15 -0.77 0.00	24.07 -0.89 0.00	26.83 -1.27 0.00	26.18 -1.10 0.00	22.91 -0.84 0.00	23.20 0.01 0.00	21.54 0.04 0.00	19.57 0.07 0.00	18.08 0.10 0.00	21.81 0.11 0.00	25.71 0.13 0.00	27.28 -0.27 0.00	31.71 -0.27 0.00	32.09 -0.72 0.00	22.49 -0.43 2.82	23.37 -0.40 4.54	24.72 -0.50 0.82	25.76 -0.07 0.65	25.73 -0.13 0.00
INDECK___OSWEGO 23783	38.72 -1.36 0.00	48.63 -1.75 0.00	23.01 -0.81 0.00	18.33 -0.62 0.00	18.38 -0.61 0.00	20.27 -0.65 0.00	24.18 -0.79 0.00	27.17 -0.93 0.00	26.28 -1.00 0.00	22.83 -0.92 0.00	22.35 -0.84 0.00	20.74 -0.76 0.00	18.83 -0.67 0.00	17.36 -0.61 0.00	20.94 -0.76 0.00	24.65 -0.94 0.00	26.58 -0.97 0.00	31.00 -0.98 0.00	31.69 -1.12 0.00	24.87 -0.87 0.00	27.35 -0.97 0.00	25.16 -0.89 0.00	25.68 -0.80 0.00	25.05 -0.82 0.00
INDECK___YERKES 23781	35.57 -3.87 0.65	43.99 -4.92 1.47	21.53 -2.29 0.00	16.16 -1.77 1.01	17.07 -1.91 0.00	18.95 -1.97 0.00	22.48 -2.48 0.00	25.17 -2.93 0.00	24.51 -2.77 0.00	21.55 -2.20 0.00	21.92 -1.27 0.00	20.24 -1.26 0.00	18.48 -1.02 0.00	17.10 -0.88 0.00	20.58 -1.11 0.00	24.12 -1.47 0.00	25.64 -1.90 0.00	29.85 -2.13 0.00	30.48 -2.33 0.00	22.27 -1.60 1.87	23.65 -1.64 3.02	23.77 -1.72 0.55	24.77 -1.28 0.43	24.73 -1.14 0.00
INDIAN POINT_GT_1 24139	42.91 2.82 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.18 1.20 0.00	22.24 1.32 0.00	26.64 1.68 0.00	30.21 2.10 0.00	29.13 1.85 0.00	25.34 1.59 0.00	24.74 1.55 0.00	22.92 1.41 0.00	20.73 1.23 0.00	19.07 1.10 0.00	24.07 1.26 -1.10	27.11 1.53 0.00	29.32 1.78 0.00	34.47 2.49 0.00	34.95 2.14 0.00	27.38 1.64 0.00	30.01 1.69 0.00	27.61 1.56 0.00	27.83 1.34 0.00	27.05 1.18 0.00
INDIAN POINT_GT_2 23659	42.91 2.82 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.18 1.20 0.00	22.24 1.32 0.00	26.64 1.68 0.00	30.21 2.10 0.00	29.13 1.85 0.00	25.34 1.59 0.00	24.74 1.55 0.00	22.92 1.41 0.00	20.73 1.23 0.00	19.07 1.10 0.00	24.07 1.26 -1.10	27.11 1.53 0.00	29.32 1.78 0.00	34.47 2.49 0.00	34.95 2.14 0.00	27.38 1.64 0.00	30.01 1.69 0.00	27.61 1.56 0.00	27.83 1.34 0.00	27.05 1.18 0.00
INDIAN POINT_GT_3 24019	42.91 2.82 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.18 1.20 0.00	22.24 1.32 0.00	26.64 1.68 0.00	30.21 2.10 0.00	29.13 1.85 0.00	25.34 1.59 0.00	24.74 1.55 0.00	22.92 1.41 0.00	20.73 1.23 0.00	19.07 1.10 0.00	24.07 1.26 -1.10	27.11 1.53 0.00	29.32 1.78 0.00	34.47 2.49 0.00	34.95 2.14 0.00	27.38 1.64 0.00	30.01 1.69 0.00	27.61 1.56 0.00	27.83 1.34 0.00	27.05 1.18 0.00
INDIAN POINT___2 23530	43.05 2.97 0.00	54.07 3.68 0.00	25.48 1.67 0.00	20.18 1.24 0.00	20.19 1.21 0.00	22.22 1.30 0.00	26.62 1.65 0.00	30.17 2.06 0.00	29.09 1.80 0.00	25.31 1.55 0.00	24.71 1.53 0.00	22.89 1.39 0.00	20.70 1.21 0.00	19.05 1.07 0.00	24.44 1.22 -1.52	27.08 1.50 0.00	29.29 1.74 0.00	34.42 2.44 0.00	34.90 2.09 0.00	27.33 1.59 0.00	29.96 1.64 0.00	27.57 1.52 0.00	27.79 1.31 0.00	27.01 1.15 0.00
INDIAN POINT___3 23531	42.73 2.65 0.00	53.67 3.28 0.00	25.31 1.50 0.00	20.05 1.10 0.00	20.14 1.16 0.00	22.22 1.30 0.00	26.61 1.65 0.00	30.17 2.06 0.00	29.09 1.81 0.00	25.32 1.56 0.00	24.70 1.52 0.00	22.88 1.38 0.00	20.70 1.20 0.00	19.05 1.07 0.00	24.06 1.23 -1.13	27.08 1.50 0.00	29.29 1.74 0.00	34.41 2.43 0.00	34.90 2.09 0.00	27.34 1.60 0.00	29.97 1.65 0.00	27.57 1.53 0.00	27.79 1.31 0.00	27.02 1.15 0.00
INGHAM_C_115KV_TB7 356103	40.27 0.18 0.00	50.36 -0.03 0.00	23.81 -0.01 0.00	18.96 0.01 0.00	19.08 0.10 0.00	21.12 0.20 0.00	25.80 0.37 -0.47	28.66 0.56 0.00	27.51 0.23 0.00	23.66 -0.09 0.00	22.97 -0.22 0.00	21.29 -0.22 0.00	19.29 -0.21 0.00	17.76 -0.21 0.00	21.56 -0.14 0.00	25.61 0.03 0.00	27.73 0.18 0.00	32.64 0.66 0.00	33.15 0.34 0.00	25.94 0.20 0.00	28.52 0.20 0.00	26.26 0.21 0.00	26.34 -0.14 0.00	25.50 -0.37 0.00
IP CORINTH___1 23988	41.40 1.32 0.00	51.95 1.56 0.00	24.56 0.74 0.00	19.54 0.60 0.00	19.65 0.67 0.00	21.74 0.82 0.00	26.01 1.05 0.00	29.33 1.23 0.00	28.11 0.83 0.00	24.75 0.99 0.00	24.12 0.94 0.00	22.24 0.74 0.00	20.13 0.63 0.00	18.58 0.60 0.00	22.57 0.87 0.00	26.80 1.22 0.00	28.98 1.43 0.00	34.00 2.02 0.00	34.60 1.79 0.00	27.01 1.27 0.00	29.64 1.32 0.00	27.34 1.29 0.00	27.58 1.09 0.00	27.05 1.18 0.00
IP___TICONDEROGA 23804	42.58 2.49 0.00	53.36 2.97 0.00	25.24 1.42 0.00	20.18 1.24 0.00	20.25 1.27 0.00	22.46 1.54 0.00	27.08 2.12 0.00	30.60 2.50 0.00	29.23 1.95 0.00	25.45 1.70 0.00	24.74 1.55 0.00	22.81 1.31 0.00	20.66 1.16 0.00	19.09 1.11 0.00	23.47 1.77 0.00	28.09 2.50 0.00	30.50 2.95 0.00	35.90 3.91 0.00	36.27 3.46 0.00	28.13 2.39 0.00	30.66 2.34 0.00	28.03 1.99 0.00	28.28 1.79 0.00	27.72 1.85 0.00
ISLIP_RES_REC 323679	47.95 4.34 -3.53	55.55 5.17 0.00	26.16 2.34 0.00	20.63 1.69 0.00	20.79 1.81 0.00	22.96 2.04 0.00	27.61 2.65 0.00	73.84 3.20 -42.53	30.05 2.77 0.00	26.17 2.42 0.00	25.34 2.15 0.00	23.40 1.90 0.00	21.25 1.75 0.00	19.71 1.74 0.00	26.97 2.15 -3.12	28.22 2.60 -0.04	30.51 2.84 -0.12	35.58 3.60 0.00	36.07 3.26 0.00	28.33 2.58 0.00	31.01 2.70 0.00	28.57 2.53 0.00	28.79 2.31 0.00	28.03 2.16 0.00

JAMAICA__27_KV_LOAD 355505	43.94 3.85 0.00	55.14 4.76 0.00	25.89 2.07 0.00	20.95 1.62 -0.39	20.64 1.66 0.00	22.77 1.85 0.00	27.19 2.23 0.00	30.88 2.77 0.00	29.82 2.54 0.00	25.92 2.17 0.00	25.23 2.05 0.00	23.45 1.94 0.00	21.24 1.72 -0.02	19.51 1.53 0.00	24.36 1.73 -0.93	27.61 2.03 0.00	29.87 2.32 0.00	35.14 3.16 0.00	35.66 2.85 0.00	27.90 2.16 0.00	30.58 2.26 0.00	28.12 2.07 0.00	28.24 1.76 0.00	27.46 1.60 0.00
JANIS__SOLAR 323808	43.42 1.15 -2.17	56.66 1.34 -4.93	24.41 0.59 0.00	22.80 0.46 -3.39	19.45 0.46 0.00	21.64 0.71 0.00	26.08 1.12 0.00	29.49 1.39 0.00	28.34 1.06 0.00	24.24 0.49 0.00	23.60 0.41 0.00	21.81 0.31 0.00	19.74 0.23 0.00	18.23 0.26 0.00	22.15 0.45 0.00	26.39 0.80 0.00	28.61 1.07 0.00	33.49 1.51 0.00	34.12 1.31 0.00	27.30 1.08 -0.48	30.27 1.18 -0.77	27.24 1.06 -0.14	27.68 1.08 -0.11	26.66 0.79 0.00
JARVIS____ 23743	40.22 0.14 0.00	50.54 0.15 0.00	23.89 0.07 0.00	19.00 0.06 0.00	19.06 0.08 0.00	21.02 0.10 0.00	25.55 0.12 -0.47	28.27 0.17 0.00	27.39 0.11 0.00	23.81 0.06 0.00	23.22 0.04 0.00	21.55 0.05 0.00	19.54 0.04 0.00	18.00 0.03 0.00	21.74 0.04 0.00	25.64 0.05 0.00	27.63 0.08 0.00	32.21 0.22 0.00	32.94 0.13 0.00	25.83 0.09 0.00	28.41 0.09 0.00	26.12 0.07 0.00	26.50 0.02 0.00	25.85 -0.02 0.00
JENNISON____1 23625	41.36 0.67 -0.60	52.56 0.81 -1.37	24.11 0.29 0.00	20.11 0.23 -0.94	19.17 0.19 0.00	21.30 0.38 0.00	25.72 0.76 0.00	29.10 1.00 0.00	28.02 0.74 0.00	24.26 0.51 0.00	23.74 0.55 0.00	22.08 0.57 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.41 0.71 0.00	26.49 0.91 0.00	28.55 1.00 0.00	33.23 1.25 0.00	33.69 0.88 0.00	26.49 0.75 0.00	29.13 0.81 0.00	26.88 0.83 0.00	27.36 0.87 0.00	26.38 0.51 0.00
JENNISON____2 23626	41.36 0.67 -0.60	52.56 0.81 -1.37	24.11 0.29 0.00	20.11 0.23 -0.94	19.17 0.19 0.00	21.30 0.38 0.00	25.72 0.76 0.00	29.10 1.00 0.00	28.02 0.74 0.00	24.26 0.51 0.00	23.74 0.55 0.00	22.08 0.57 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.41 0.71 0.00	26.49 0.91 0.00	28.55 1.00 0.00	33.23 1.25 0.00	33.69 0.88 0.00	26.49 0.75 0.00	29.13 0.81 0.00	26.88 0.83 0.00	27.36 0.87 0.00	26.38 0.51 0.00
JERICOHO_RISE_WT_PWR 323719	-25.63 -1.23 64.49	-26.45 -1.58 75.25	-24.43 -0.75 47.50	-24.06 -0.61 42.40	-24.06 -0.67 42.37	-25.33 -0.82 45.42	-26.27 -0.99 50.24	-25.44 -1.10 52.45	-27.22 -0.78 53.72	-27.24 -0.65 50.34	-25.06 -0.78 47.47	-24.19 -0.77 44.94	-24.04 -0.68 42.86	6.80 -0.54 10.63	21.21 -0.49 0.00	25.11 -0.47 0.00	6.65 -0.90 20.01	-24.96 -1.59 55.35	-26.45 -1.22 58.04	-25.47 -0.92 50.30	-25.18 -1.01 52.49	-24.51 -0.94 49.61	12.84 -0.76 12.88	25.87 0.00 0.00
KATONAH__115KV_46KV_TB4 355592	43.15 3.06 0.00	54.13 3.75 0.00	25.53 1.71 0.00	20.22 1.28 0.00	20.32 1.33 0.00	22.41 1.49 0.00	26.85 1.88 0.00	30.45 2.35 0.00	29.35 2.07 0.00	25.55 1.79 0.00	24.91 1.72 0.00	23.06 1.56 0.00	20.87 1.37 0.00	19.20 1.22 0.00	23.67 1.42 -0.54	27.30 1.72 0.00	29.53 1.98 0.00	34.73 2.75 0.00	35.22 2.41 0.00	27.59 1.85 0.00	30.24 1.91 0.00	27.81 1.77 0.00	28.03 1.55 0.00	27.22 1.35 0.00
KCE_NY_1 323755	41.80 1.71 0.00	52.38 2.00 0.00	24.77 0.95 0.00	19.71 0.76 0.00	19.78 0.80 0.00	21.88 0.96 0.00	26.19 1.22 0.00	29.57 1.47 0.00	28.47 1.20 0.00	24.77 1.02 0.00	24.15 0.96 0.00	22.33 0.83 0.00	20.22 0.72 0.00	18.64 0.66 0.00	22.62 0.92 0.00	26.83 1.25 0.00	28.93 1.38 0.00	33.90 1.92 0.00	34.55 1.74 0.00	27.02 1.28 0.00	29.70 1.37 0.00	27.32 1.27 0.00	27.53 1.05 0.00	26.86 0.99 0.00
KCE_NY_6_ESR 323823	35.77 -3.62 0.69	44.18 -4.63 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.21 -1.77 0.00	19.08 -1.84 0.00	22.67 -2.29 0.00	25.37 -2.74 0.00	24.70 -2.58 0.00	21.73 -2.02 0.00	22.09 -1.09 0.00	20.42 -1.08 0.00	18.61 -0.89 0.00	17.20 -0.77 0.00	20.74 -0.96 0.00	24.34 -1.24 0.00	25.86 -1.69 0.00	30.11 -1.87 0.00	30.74 -2.07 0.00	22.19 -1.41 2.14	23.42 -1.45 3.45	23.93 -1.49 0.62	24.92 -1.07 0.49	24.88 -0.99 0.00
KEDC_PORT_JEFF_GT2 24210	47.70 4.09 -3.53	55.24 4.86 0.00	26.03 2.22 0.00	20.53 1.59 0.00	20.70 1.71 0.00	22.85 1.93 0.00	27.46 2.50 0.00	73.67 3.03 -42.53	29.88 2.60 0.00	26.03 2.28 0.00	25.22 2.03 0.00	23.30 1.79 0.00	21.15 1.65 0.00	19.62 1.65 0.00	26.86 2.04 -3.12	28.06 2.44 -0.04	30.33 2.65 -0.12	35.28 3.30 0.00	35.85 3.04 0.00	28.16 2.42 0.00	30.85 2.53 0.00	28.42 2.37 0.00	28.63 2.14 0.00	27.87 2.00 0.00
KEDC_PORT_JEFF_GT3 24211	47.70 4.09 -3.53	55.24 4.86 0.00	26.03 2.22 0.00	20.53 1.59 0.00	20.70 1.71 0.00	22.85 1.93 0.00	27.46 2.50 0.00	73.67 3.03 -42.53	29.88 2.60 0.00	26.03 2.28 0.00	25.22 2.03 0.00	23.30 1.79 0.00	21.15 1.65 0.00	19.62 1.65 0.00	26.86 2.04 -3.12	28.06 2.44 -0.04	30.33 2.65 -0.12	35.28 3.30 0.00	35.85 3.04 0.00	28.16 2.42 0.00	30.85 2.53 0.00	28.42 2.37 0.00	28.63 2.14 0.00	27.87 2.00 0.00
KEDC_GLWD_GT4 24219	47.27 3.66 -3.53	54.88 4.50 0.00	25.89 2.07 0.00	20.46 1.52 0.00	20.58 1.60 0.00	22.72 1.80 0.00	27.28 2.32 0.00	73.51 2.87 -42.53	29.79 2.51 0.00	25.95 2.19 0.00	25.28 2.09 0.00	23.38 1.87 0.00	21.19 1.69 0.00	19.55 1.57 0.00	26.69 1.87 -3.12	27.85 2.23 -0.04	30.08 2.41 -0.12	35.23 3.24 0.00	35.76 2.95 0.00	28.08 2.33 0.00	30.77 2.45 0.00	28.28 2.24 0.00	28.50 2.02 0.00	27.69 1.82 0.00
KEDC_GLWD_GT5 24220	47.27 3.66 -3.53	54.88 4.50 0.00	25.89 2.07 0.00	20.46 1.52 0.00	20.58 1.60 0.00	22.72 1.80 0.00	27.28 2.32 0.00	73.51 2.87 -42.53	29.79 2.51 0.00	25.95 2.19 0.00	25.28 2.09 0.00	23.38 1.87 0.00	21.19 1.69 0.00	19.55 1.57 0.00	26.69 1.87 -3.12	27.85 2.23 -0.04	30.08 2.41 -0.12	35.23 3.24 0.00	35.76 2.95 0.00	28.08 2.33 0.00	30.77 2.45 0.00	28.28 2.24 0.00	28.50 2.02 0.00	27.69 1.82 0.00
KENSICO____ 23655	43.02 2.94 0.00	54.02 3.63 0.00	25.47 1.65 0.00	20.16 1.22 0.00	20.24 1.26 0.00	22.30 1.38 0.00	26.72 1.76 0.00	30.30 2.19 0.00	29.22 1.94 0.00	25.44 1.68 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.14 1.17 0.00	24.04 1.35 -1.00	27.21 1.62 0.00	29.42 1.87 0.00	34.57 2.59 0.00	35.05 2.24 0.00	27.46 1.72 0.00	30.10 1.78 0.00	27.69 1.65 0.00	27.90 1.42 0.00	27.12 1.25 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	43.21 3.12 0.00	54.28 3.90 0.00	25.59 1.78 0.00	20.28 1.34 0.00	20.37 1.39 0.00	22.51 1.59 0.00	27.02 2.05 0.00	30.64 2.53 0.00	29.53 2.25 0.00	25.64 1.88 0.00	24.94 1.75 0.00	22.98 1.48 0.00	20.77 1.27 0.00	19.08 1.10 0.00	22.68 1.19 0.21	27.11 1.52 0.00	29.44 1.89 0.00	34.63 2.65 0.00	35.15 2.34 0.00	27.53 1.79 0.00	30.17 1.85 0.00	27.79 1.74 0.00	28.26 1.77 0.00	27.43 1.57 0.00

KIAC_JFK_GT1 23816	43.79 3.70 0.00	54.99 4.60 0.00	25.82 2.00 0.00	20.89 1.56 -0.39	20.58 1.60 0.00	22.69 1.77 0.00	27.10 2.14 0.00	30.76 2.66 0.00	29.72 2.44 0.00	25.84 2.09 0.00	25.16 1.97 0.00	23.38 1.87 0.00	21.17 1.66 -0.02	19.45 1.47 0.00	24.28 1.66 -0.93	27.52 1.93 0.00	29.77 2.23 0.00	35.02 3.04 0.00	35.52 2.71 0.00	27.81 2.07 0.00	30.47 2.15 0.00	28.01 1.97 0.00	28.14 1.66 0.00	27.38 1.51 0.00
KIAC_JFK_GT2 23817	43.79 3.70 0.00	54.99 4.60 0.00	25.82 2.00 0.00	20.89 1.56 -0.39	20.58 1.60 0.00	22.69 1.77 0.00	27.10 2.14 0.00	30.76 2.66 0.00	29.72 2.44 0.00	25.84 2.09 0.00	25.16 1.97 0.00	23.38 1.87 0.00	21.17 1.66 -0.02	19.45 1.47 0.00	24.28 1.66 -0.93	27.52 1.93 0.00	29.77 2.23 0.00	35.02 3.04 0.00	35.52 2.71 0.00	27.81 2.07 0.00	30.47 2.15 0.00	28.01 1.97 0.00	28.14 1.66 0.00	27.38 1.51 0.00
KIAC_JFK____ 323774	43.79 3.70 0.00	54.99 4.61 0.00	25.82 2.00 0.00	20.89 1.56 -0.39	20.58 1.60 0.00	22.69 1.77 0.00	27.11 2.15 0.00	30.76 2.66 0.00	29.72 2.44 0.00	25.84 2.09 0.00	25.16 1.97 0.00	23.38 1.87 0.00	21.17 1.66 -0.02	19.45 1.47 0.00	24.28 1.65 -0.93	27.52 1.93 0.00	29.77 2.22 0.00	35.02 3.04 0.00	35.52 2.71 0.00	27.81 2.07 0.00	30.47 2.16 0.00	28.02 1.97 0.00	28.14 1.66 0.00	27.37 1.51 0.00
KINTIGH____ 23543	35.79 -3.75 0.55	44.38 -4.76 1.24	21.58 -2.24 0.00	16.34 -1.74 0.85	17.14 -1.85 0.00	18.96 -1.96 0.00	22.53 -2.43 0.00	25.28 -2.82 0.00	24.55 -2.72 0.00	21.52 -2.23 0.00	21.77 -1.41 0.00	20.15 -1.36 0.00	18.39 -1.11 0.00	16.99 -0.98 0.00	20.47 -1.23 0.00	24.03 -1.56 0.00	25.56 -1.99 0.00	29.69 -2.29 0.00	30.30 -2.51 0.00	23.92 -1.82 0.00	26.36 -1.96 0.00	24.16 -1.89 0.00	24.96 -1.53 0.00	24.45 -1.42 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	-21.70 -0.72 61.07	-21.83 -0.95 71.26	-21.61 -0.44 44.98	-21.57 -0.36 40.15	-21.62 -0.48 40.13	-22.70 -0.61 43.02	-23.81 -0.77 48.01	-22.35 -0.78 49.67	-24.12 -0.52 50.88	-24.39 -0.47 47.67	-22.36 -0.60 44.95	-21.68 -0.64 42.55	-21.66 -0.58 40.59	7.49 -0.42 10.07	21.40 -0.30 0.00	25.37 -0.21 0.00	7.97 -0.64 18.94	-21.69 -1.26 52.42	-23.09 -0.93 54.97	-22.59 -0.70 47.63	-22.18 -0.79 49.71	-21.69 -0.75 46.98	13.71 -0.58 12.20	26.16 0.29 0.00
LACHUTE____HYDRO 323717	42.58 2.49 0.00	53.36 2.97 0.00	25.24 1.42 0.00	20.19 1.24 0.00	20.25 1.27 0.00	22.45 1.53 0.00	27.08 2.12 0.00	30.60 2.50 0.00	29.23 1.95 0.00	25.45 1.70 0.00	24.74 1.55 0.00	22.81 1.31 0.00	20.66 1.16 0.00	19.09 1.11 0.00	23.47 1.77 0.00	28.09 2.50 0.00	30.50 2.95 0.00	35.89 3.91 0.00	36.27 3.46 0.00	28.13 2.39 0.00	30.66 2.34 0.00	28.03 1.99 0.00	28.27 1.79 0.00	27.72 1.85 0.00
LAWRNCALV_115KV_TB1 80681	47.74 -0.08 -7.73	59.32 -0.08 -9.02	29.45 -0.06 -5.69	23.97 -0.06 -5.08	23.88 -0.18 -5.08	25.93 -0.43 -5.45	24.11 -0.67 0.18	33.66 -0.73 -6.29	33.21 -0.52 -6.44	29.48 -0.30 -6.04	28.45 -0.43 -5.69	26.46 -0.43 -5.39	24.26 -0.38 -5.14	18.94 -0.31 -1.28	21.37 -0.33 0.00	25.29 -0.30 0.00	29.46 -0.48 -2.40	37.43 -1.19 -6.64	38.94 -0.83 -6.96	31.15 -0.63 -6.03	34.13 -0.49 -6.29	31.57 -0.43 -5.95	27.81 -0.22 -1.54	26.12 0.25 0.00
LEDERLE____ 23769	42.75 2.66 0.00	53.69 3.30 0.00	25.33 1.52 0.00	20.06 1.12 0.00	20.18 1.19 0.00	22.29 1.36 0.00	26.71 1.75 0.00	30.28 2.17 0.00	29.21 1.93 0.00	25.40 1.65 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.78 1.28 0.00	19.12 1.14 0.00	21.41 1.31 1.60	27.19 1.61 0.00	29.41 1.86 0.00	34.56 2.58 0.00	35.05 2.24 0.00	27.45 1.71 0.00	30.09 1.77 0.00	27.68 1.63 0.00	27.90 1.42 0.00	27.12 1.25 0.00
LIGHTHSE_115KV_TB6 355974	38.53 -1.56 0.00	48.37 -2.02 0.00	22.87 -0.95 0.00	18.22 -0.73 0.00	18.26 -0.72 0.00	20.14 -0.78 0.00	23.61 -0.90 0.46	27.11 -0.99 0.00	26.24 -1.04 0.00	22.72 -1.03 0.00	22.15 -1.04 0.00	20.55 -0.96 0.00	18.63 -0.87 0.00	17.18 -0.79 0.00	20.74 -0.96 0.00	24.49 -1.09 0.00	26.50 -1.05 0.00	30.92 -1.06 0.00	31.63 -1.18 0.00	24.82 -0.92 0.00	27.30 -1.02 0.00	25.12 -0.92 0.00	25.63 -0.86 0.00	25.02 -0.84 0.00
LINDEN COGEN____ 23786	43.14 3.05 0.00	54.18 3.80 0.00	25.51 1.70 0.00	20.23 1.29 0.00	20.33 1.35 0.00	22.38 1.45 0.00	26.77 1.81 0.00	30.39 2.28 0.00	29.30 2.02 0.00	25.50 1.75 0.00	24.90 1.71 0.00	23.09 1.58 0.00	20.93 1.41 -0.02	19.22 1.24 0.00	23.99 1.37 -0.93	27.23 1.64 0.00	29.46 1.91 0.00	34.63 2.65 0.00	35.07 2.27 0.00	27.48 1.74 0.00	30.10 1.78 0.00	27.68 1.63 0.00	27.86 1.37 0.00	27.08 1.22 0.00
LINDHRST_69_KV_BK1 356055	47.75 4.14 -3.53	55.36 4.97 0.00	26.09 2.28 0.00	20.59 1.65 0.00	20.75 1.76 0.00	22.91 1.98 0.00	27.54 2.58 0.00	73.79 3.15 -42.53	30.03 2.75 0.00	26.14 2.39 0.00	25.41 2.22 0.00	23.46 1.96 0.00	21.29 1.79 0.00	19.69 1.71 0.00	26.90 2.08 -3.12	28.10 2.48 -0.04	30.44 2.77 -0.12	35.66 3.67 0.00	36.12 3.31 0.00	28.36 2.62 0.00	31.04 2.72 0.00	28.57 2.52 0.00	28.78 2.29 0.00	27.98 2.11 0.00
LIPA_MISC_IPP 23656	47.57 3.96 -3.53	55.05 4.67 0.00	25.95 2.13 0.00	20.46 1.52 0.00	20.63 1.65 0.00	22.79 1.87 0.00	27.36 2.40 0.00	73.52 2.89 -42.53	29.67 2.39 0.00	25.86 2.11 0.00	25.00 1.81 0.00	23.09 1.58 0.00	20.96 1.46 0.00	19.51 1.53 0.00	26.76 1.94 -3.12	27.98 2.36 -0.04	30.18 2.51 -0.12	35.08 3.10 0.00	35.55 2.74 0.00	27.93 2.19 0.00	30.59 2.27 0.00	28.23 2.18 0.00	28.49 2.01 0.00	27.77 1.91 0.00
LISF____SOLAR 323691	47.65 4.04 -3.53	55.15 4.76 0.00	25.99 2.17 0.00	20.49 1.55 0.00	20.67 1.68 0.00	22.83 1.90 0.00	27.41 2.45 0.00	73.58 2.94 -42.53	29.72 2.44 0.00	25.89 2.13 0.00	25.00 1.82 0.00	23.09 1.59 0.00	20.98 1.48 0.00	19.52 1.54 0.00	26.78 1.96 -3.12	28.02 2.40 -0.04	30.24 2.57 -0.12	35.14 3.16 0.00	35.62 2.81 0.00	27.98 2.24 0.00	30.64 2.32 0.00	28.28 2.23 0.00	28.54 2.05 0.00	27.82 1.95 0.00
LITTLE FALLS____HYD 24013	40.27 0.18 0.00	50.36 -0.03 0.00	23.81 -0.01 0.00	18.96 0.01 0.00	19.08 0.10 0.00	21.12 0.20 0.00	25.80 0.37 -0.47	28.66 0.56 0.00	27.51 0.23 0.00	23.66 -0.09 0.00	22.97 -0.22 0.00	21.29 -0.22 0.00	19.29 -0.21 0.00	17.76 -0.21 0.00	21.56 -0.14 0.00	25.61 0.03 0.00	27.73 0.18 0.00	32.64 0.66 0.00	33.15 0.34 0.00	25.94 0.20 0.00	28.52 0.20 0.00	26.26 0.21 0.00	26.34 -0.14 0.00	25.50 -0.37 0.00
LITTLRIV_115KV_TB1 356100	49.12 0.48 -8.56	60.95 0.58 -9.99	30.37 0.25 -6.30	24.75 0.18 -5.63	24.67 0.06 -5.62	26.78 -0.17 -6.03	25.17 -0.30 -0.51	34.78 -0.28 -6.96	34.32 -0.10 -7.13	30.46 0.02 -6.68	29.33 -0.16 -6.30	27.28 -0.19 -5.96	25.04 -0.15 -5.69	19.29 -0.09 -1.41	21.64 -0.06 0.00	25.66 0.08 0.00	30.21 0.00 -2.66	38.69 -0.64 -7.35	40.28 -0.24 -7.70	32.20 -0.21 -6.67	35.25 -0.04 -6.97	32.64 0.01 -6.58	28.36 0.16 -1.71	26.48 0.61 0.00

LI_NEWBRDGE___DRP 323616	46.94 3.34 -3.53	54.43 4.05 0.00	25.69 1.87 0.00	20.30 1.35 0.00	20.42 1.44 0.00	22.53 1.61 0.00	27.03 2.07 0.00	73.22 2.58 -42.53	29.51 2.23 0.00	25.70 1.95 0.00	25.03 1.84 0.00	23.14 1.64 0.00	20.98 1.48 0.00	19.36 1.38 0.00	26.47 1.65 -3.12	27.57 1.96 -0.04	29.87 2.20 -0.12	34.96 2.98 0.00	35.43 2.62 0.00	27.78 2.04 0.00	30.45 2.13 0.00	28.01 1.96 0.00	28.23 1.75 0.00	27.44 1.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	35.40 -4.07 0.62	43.89 -5.10 1.40	21.42 -2.40 0.00	16.11 -1.87 0.96	16.96 -2.02 0.00	18.81 -2.11 0.00	22.31 -2.65 0.00	25.02 -3.09 0.00	24.34 -2.94 0.00	21.38 -2.37 0.00	21.75 -1.43 0.00	20.08 -1.42 0.00	18.36 -1.14 0.00	16.97 -1.00 0.00	20.42 -1.27 0.00	23.96 -1.63 0.00	25.47 -2.08 0.00	29.61 -2.37 0.00	30.25 -2.56 0.00	23.94 -1.80 0.00	26.40 -1.92 0.00	24.14 -1.91 0.00	25.02 -1.47 0.00	24.57 -1.30 0.00
LOCKPORT___CC1 323769	35.33 -4.14 0.62	43.75 -5.22 1.41	21.38 -2.44 0.00	16.06 -1.91 0.97	16.93 -2.05 0.00	18.78 -2.13 0.00	22.28 -2.69 0.00	24.96 -3.14 0.00	24.28 -2.99 0.00	21.35 -2.40 0.00	21.73 -1.46 0.00	20.06 -1.44 0.00	18.33 -1.17 0.00	16.94 -1.03 0.00	20.40 -1.30 0.00	23.92 -1.66 0.00	25.43 -2.12 0.00	29.56 -2.42 0.00	30.20 -2.60 0.00	22.21 -1.83 1.69	23.65 -1.95 2.73	23.60 -1.95 0.49	24.59 -1.50 0.39	24.54 -1.33 0.00
LOCKPORT___CC2 323770	35.33 -4.14 0.62	43.75 -5.22 1.41	21.38 -2.44 0.00	16.06 -1.91 0.97	16.93 -2.05 0.00	18.78 -2.13 0.00	22.28 -2.69 0.00	24.96 -3.14 0.00	24.28 -2.99 0.00	21.35 -2.40 0.00	21.73 -1.46 0.00	20.06 -1.44 0.00	18.33 -1.17 0.00	16.94 -1.03 0.00	20.40 -1.30 0.00	23.92 -1.66 0.00	25.43 -2.12 0.00	29.56 -2.42 0.00	30.20 -2.60 0.00	22.21 -1.83 1.69	23.65 -1.95 2.73	23.60 -1.95 0.49	24.59 -1.50 0.39	24.54 -1.33 0.00
LOCKPORT___CC3 323771	35.33 -4.14 0.62	43.75 -5.22 1.41	21.38 -2.44 0.00	16.06 -1.91 0.97	16.93 -2.05 0.00	18.78 -2.13 0.00	22.28 -2.69 0.00	24.96 -3.14 0.00	24.28 -2.99 0.00	21.35 -2.40 0.00	21.73 -1.46 0.00	20.06 -1.44 0.00	18.33 -1.17 0.00	16.94 -1.03 0.00	20.40 -1.30 0.00	23.92 -1.66 0.00	25.43 -2.12 0.00	29.56 -2.42 0.00	30.20 -2.60 0.00	22.21 -1.83 1.69	23.65 -1.95 2.73	23.60 -1.95 0.49	24.59 -1.50 0.39	24.54 -1.33 0.00
LONG_LAKE_PHOENIX 24014	38.87 -1.22 0.00	48.83 -1.55 0.00	23.10 -0.72 0.00	18.40 -0.54 0.00	18.45 -0.53 0.00	20.37 -0.55 0.00	24.30 -0.66 0.00	27.32 -0.78 0.00	26.42 -0.86 0.00	22.95 -0.80 0.00	22.47 -0.72 0.00	20.85 -0.65 0.00	18.94 -0.56 0.00	17.46 -0.52 0.00	21.07 -0.63 0.00	24.82 -0.77 0.00	26.76 -0.79 0.00	31.21 -0.76 0.00	31.91 -0.90 0.00	25.03 -0.71 0.00	27.54 -0.78 0.00	25.32 -0.73 0.00	25.84 -0.65 0.00	25.18 -0.69 0.00
LOVETT___3 23632	42.60 2.52 0.00	53.50 3.11 0.00	25.24 1.43 0.00	19.99 1.05 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.59 1.62 0.00	30.12 2.02 0.00	29.05 1.77 0.00	25.27 1.52 0.00	24.69 1.50 0.00	22.86 1.36 0.00	20.68 1.18 0.00	19.02 1.05 0.00	21.25 1.20 1.65	27.05 1.46 0.00	29.26 1.71 0.00	34.38 2.40 0.00	34.86 2.05 0.00	27.30 1.56 0.00	29.93 1.61 0.00	27.54 1.49 0.00	27.76 1.28 0.00	26.99 1.12 0.00
LOVETT___4 23642	42.60 2.52 0.00	53.50 3.11 0.00	25.24 1.43 0.00	19.99 1.05 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.59 1.62 0.00	30.12 2.02 0.00	29.05 1.77 0.00	25.27 1.52 0.00	24.69 1.50 0.00	22.86 1.36 0.00	20.68 1.18 0.00	19.02 1.05 0.00	21.25 1.20 1.65	27.05 1.46 0.00	29.26 1.71 0.00	34.38 2.40 0.00	34.86 2.05 0.00	27.30 1.56 0.00	29.93 1.61 0.00	27.54 1.49 0.00	27.76 1.28 0.00	26.99 1.12 0.00
LOVETT___5 23593	42.60 2.52 0.00	53.50 3.11 0.00	25.24 1.43 0.00	19.99 1.05 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.59 1.62 0.00	30.12 2.02 0.00	29.05 1.77 0.00	25.27 1.52 0.00	24.69 1.50 0.00	22.86 1.36 0.00	20.68 1.18 0.00	19.02 1.05 0.00	21.25 1.20 1.65	27.05 1.46 0.00	29.26 1.71 0.00	34.38 2.40 0.00	34.86 2.05 0.00	27.30 1.56 0.00	29.93 1.61 0.00	27.54 1.49 0.00	27.76 1.28 0.00	26.99 1.12 0.00
LOWER RAQUET___HYD 24057	49.22 -0.21 -9.34	61.02 -0.26 -10.90	30.56 -0.13 -6.88	24.96 -0.13 -6.14	24.86 -0.26 -6.14	26.94 -0.55 -6.58	25.29 -0.82 -1.15	34.81 -0.88 -7.59	34.39 -0.67 -7.78	30.59 -0.45 -7.29	29.48 -0.58 -6.87	27.44 -0.57 -6.51	25.20 -0.51 -6.21	19.09 -0.43 -1.54	21.23 -0.46 0.00	25.14 -0.44 0.00	29.79 -0.65 -2.90	38.62 -1.38 -8.02	40.20 -1.02 -8.40	32.25 -0.78 -7.28	35.26 -0.66 -7.60	32.63 -0.59 -7.18	27.98 -0.37 -1.87	26.04 0.17 0.00
LOWER___HUDSON 24059	41.43 1.34 0.00	51.95 1.57 0.00	24.58 0.77 0.00	19.55 0.61 0.00	19.63 0.65 0.00	21.66 0.74 0.00	25.86 0.90 0.00	29.24 1.14 0.00	28.20 0.92 0.00	24.49 0.74 0.00	23.87 0.68 0.00	22.12 0.62 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.36 0.66 0.00	26.41 0.82 0.00	28.44 0.89 0.00	33.35 1.37 0.00	34.00 1.19 0.00	26.60 0.86 0.00	29.31 0.99 0.00	26.92 0.87 0.00	27.13 0.64 0.00	26.42 0.55 0.00
LOWVILLE_115KV_TB2 356335	41.13 -1.66 -2.71	51.37 -2.18 -3.16	24.77 -1.04 -2.00	19.94 -0.78 -1.78	19.95 -0.82 -1.78	21.94 -0.88 -1.91	24.77 -0.82 -0.63	29.57 -0.74 -2.21	28.92 -0.62 -2.26	25.15 -0.71 -2.11	23.95 -1.23 -1.99	22.17 -1.22 -1.89	20.17 -1.13 -1.80	17.40 -1.02 -0.45	20.47 -1.23 0.00	24.36 -1.22 0.00	27.33 -1.06 -0.84	33.17 -1.13 -2.33	34.11 -1.14 -2.44	26.95 -0.90 -2.11	29.47 -1.06 -2.20	27.12 -1.01 -2.08	26.01 -1.01 -0.54	25.08 -0.79 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	41.78 1.70 0.00	52.42 2.04 0.00	24.78 0.96 0.00	19.71 0.77 0.00	19.80 0.81 0.00	21.88 0.96 0.00	26.17 1.21 0.00	29.55 1.45 0.00	28.47 1.19 0.00	24.78 1.02 0.00	24.15 0.96 0.00	22.33 0.82 0.00	20.22 0.71 0.00	18.63 0.66 0.00	22.61 0.92 0.00	26.79 1.21 0.00	28.90 1.35 0.00	33.87 1.89 0.00	34.52 1.71 0.00	27.00 1.26 0.00	29.68 1.36 0.00	27.29 1.25 0.00	27.53 1.05 0.00	26.85 0.99 0.00
LUTHERNY_35_KV_BK2 355980	41.80 1.71 0.00	52.38 2.00 0.00	24.77 0.95 0.00	19.71 0.76 0.00	19.78 0.80 0.00	21.89 0.97 0.00	26.19 1.22 0.00	29.58 1.47 0.00	28.47 1.20 0.00	24.77 1.02 0.00	24.15 0.96 0.00	22.33 0.82 0.00	20.22 0.71 0.00	18.64 0.67 0.00	22.62 0.92 0.00	26.83 1.25 0.00	28.93 1.38 0.00	33.90 1.92 0.00	34.55 1.74 0.00	27.02 1.28 0.00	29.70 1.37 0.00	27.32 1.27 0.00	27.53 1.05 0.00	26.86 0.99 0.00
LWR___OSWEGATCHIE_HYD 23850	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.42 -0.74 -4.17	24.45 -0.94 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00

LYONS_FALL_HYD 23570	41.21 -0.70 -1.82	51.58 -0.93 -2.13	24.71 -0.45 -1.34	19.81 -0.34 -1.20	19.83 -0.35 -1.20	21.86 -0.35 -1.29	25.35 -0.22 -0.61	29.46 -0.13 -1.48	28.72 -0.08 -1.52	24.94 -0.23 -1.42	23.97 -0.55 -1.34	22.18 -0.60 -1.27	20.16 -0.56 -1.21	17.77 -0.50 -0.30	21.10 -0.60 0.00	25.06 -0.53 0.00	27.74 -0.37 -0.57	33.25 -0.29 -1.56	34.10 -0.34 -1.64	26.89 -0.28 -1.42	29.44 -0.37 -1.48	27.08 -0.37 -1.40	26.45 -0.40 -0.36	25.57 -0.30 0.00
MADISON___COUNTY_LFGE 323628	40.69 0.60 0.00	51.09 0.71 0.00	24.15 0.33 0.00	19.22 0.28 0.00	19.28 0.30 0.00	21.33 0.41 0.00	25.60 0.64 0.00	28.88 0.78 0.00	27.95 0.67 0.00	24.15 0.39 0.00	23.52 0.33 0.00	21.78 0.27 0.00	19.71 0.20 0.00	18.16 0.18 0.00	21.93 0.22 0.00	25.95 0.37 0.00	28.15 0.60 0.00	32.88 0.90 0.00	33.57 0.76 0.00	26.34 0.59 0.00	28.92 0.60 0.00	26.56 0.51 0.00	26.98 0.49 0.00	26.26 0.39 0.00
MALONE___115KV_TB1 356076	81.06 -0.47 -41.44	98.13 -0.61 -48.36	54.04 -0.30 -30.53	45.93 -0.26 -27.25	45.87 -0.34 -27.23	49.61 -0.50 -29.19	46.47 -0.60 -22.12	61.20 -0.62 -33.71	61.47 -0.33 -34.52	55.84 -0.26 -32.35	53.30 -0.40 -30.51	49.98 -0.40 -28.88	46.69 -0.35 -27.55	24.55 -0.26 -6.83	21.53 -0.17 0.00	25.48 -0.10 0.00	39.98 -0.43 -12.86	66.52 -1.05 -35.58	69.45 -0.66 -37.31	57.58 -0.48 -32.32	61.57 -0.49 -33.73	57.44 -0.49 -31.88	34.47 -0.30 -8.28	26.25 0.38 0.00
MAPLEWOD_115KV_TB3 80458	41.25 1.16 0.00	51.75 1.36 0.00	24.54 0.72 0.00	19.54 0.59 0.00	19.61 0.63 0.00	21.62 0.70 0.00	25.75 0.79 0.00	29.11 1.01 0.00	28.14 0.86 0.00	24.42 0.66 0.00	23.78 0.60 0.00	22.11 0.60 0.00	20.02 0.52 0.00	18.44 0.47 0.00	22.31 0.61 0.00	26.29 0.70 0.00	28.34 0.80 0.00	33.22 1.24 0.00	33.83 1.02 0.00	26.50 0.76 0.00	29.17 0.85 0.00	26.77 0.73 0.00	27.01 0.52 0.00	26.27 0.40 0.00
MAPLE_RIDGE_WT_1 323574	38.75 -1.34 0.00	48.70 -1.68 0.00	23.04 -0.78 0.00	18.31 -0.63 0.00	18.34 -0.64 0.00	20.17 -0.75 0.00	12.78 -0.89 11.29	27.11 -1.00 0.00	26.39 -0.89 0.00	23.01 -0.74 0.00	22.38 -0.80 0.00	20.78 -0.73 0.00	18.85 -0.65 0.00	17.40 -0.57 0.00	20.98 -0.71 0.00	24.73 -0.86 0.00	26.59 -0.96 0.00	30.68 -1.30 0.00	31.63 -1.18 0.00	24.84 -0.90 0.00	27.41 -0.91 0.00	25.20 -0.85 0.00	25.75 -0.73 0.00	25.48 -0.38 0.00
MAPLE_RIDGE_WT_2 323611	38.75 -1.34 0.00	48.70 -1.68 0.00	23.04 -0.78 0.00	18.31 -0.63 0.00	18.34 -0.64 0.00	20.17 -0.75 0.00	12.78 -0.89 11.29	27.11 -1.00 0.00	26.39 -0.89 0.00	23.01 -0.74 0.00	22.38 -0.80 0.00	20.78 -0.73 0.00	18.85 -0.65 0.00	17.40 -0.57 0.00	20.98 -0.71 0.00	24.73 -0.86 0.00	26.59 -0.96 0.00	30.68 -1.30 0.00	31.63 -1.18 0.00	24.84 -0.90 0.00	27.41 -0.91 0.00	25.20 -0.85 0.00	25.75 -0.73 0.00	25.48 -0.38 0.00
MARBLE_RIVER_WT_PWR 323696	-21.00 -1.21 59.88	-21.00 -1.51 69.87	-21.00 -0.71 44.11	-21.00 -0.57 39.37	-21.00 -0.64 39.35	-22.04 -0.78 42.18	-23.21 -0.94 47.23	-21.65 -1.05 48.70	-23.33 -0.73 49.88	-23.60 -0.61 46.74	-21.65 -0.77 44.07	-21.00 -0.78 41.72	-21.00 -0.70 39.80	7.51 -0.59 9.87	21.17 -0.52 0.00	25.07 -0.51 0.00	8.03 -0.94 18.58	-21.00 -1.59 51.39	-22.28 -1.20 53.89	-21.87 -0.91 46.70	-21.43 -1.01 48.74	-21.00 -0.98 46.06	13.69 -0.84 11.96	25.83 -0.03 0.00
MARSHVLE_115KV_TB1 80742	42.10 2.01 0.00	52.91 2.53 0.00	24.94 1.12 0.00	19.81 0.87 0.00	19.85 0.87 0.00	21.90 0.98 0.00	26.24 1.28 0.00	29.59 1.48 0.00	28.70 1.42 0.00	24.79 1.03 0.00	24.04 0.85 0.00	22.28 0.78 0.00	20.20 0.70 0.00	18.64 0.66 0.00	22.43 0.74 0.00	26.65 1.06 0.00	29.02 1.47 0.00	33.64 1.66 0.00	34.55 1.74 0.00	27.17 1.43 0.00	29.88 1.56 0.00	27.55 1.50 0.00	28.10 1.61 0.00	27.45 1.58 0.00
MARSH_HILL_WT_PWR 323713	33.05 -3.72 3.32	38.04 -4.82 7.52	21.47 -2.35 0.01	11.91 -1.86 5.17	17.25 -1.73 0.00	19.26 -1.66 0.00	23.21 -1.75 0.00	26.60 -1.50 0.00	25.25 -2.03 0.00	21.79 -1.97 0.00	21.56 -1.62 0.00	20.02 -1.48 0.00	18.18 -1.32 0.00	16.72 -1.26 0.00	20.26 -1.44 0.00	23.78 -1.81 0.00	25.57 -1.98 0.00	30.16 -1.82 0.00	30.58 -2.24 0.00	25.77 -1.38 -1.41	28.95 -1.65 -2.28	25.56 -0.90 -0.41	25.81 -1.00 -0.33	24.27 -1.59 0.00
MCINTYRE_115KV_TB2 80467	48.29 0.90 -7.31	60.04 1.12 -8.53	29.70 0.50 -5.38	24.13 0.38 -4.81	24.06 0.28 -4.80	26.19 0.12 -5.15	24.51 0.08 0.53	34.18 0.13 -5.94	33.67 0.30 -6.09	29.80 0.34 -5.70	28.69 0.12 -5.38	26.66 0.06 -5.09	24.45 0.10 -4.86	19.31 0.13 -1.21	21.91 0.21 0.00	25.98 0.40 0.00	30.24 0.43 -2.27	38.08 -0.18 -6.27	39.65 0.27 -6.58	31.62 0.18 -5.70	34.68 0.41 -5.95	32.08 0.42 -5.62	28.47 0.53 -1.46	26.76 0.89 0.00
MECO_____69_KV_BK1 80468	43.96 3.88 0.00	55.16 4.78 0.00	26.00 2.18 0.00	20.65 1.71 0.00	20.75 1.76 0.00	22.99 2.07 0.00	27.65 2.69 0.00	31.28 3.17 0.00	29.93 2.65 0.00	25.22 1.46 0.00	24.15 0.96 0.00	22.31 0.80 0.00	20.11 0.60 0.00	18.53 0.56 0.00	22.61 0.91 0.00	27.66 2.07 0.00	30.69 3.14 0.00	35.77 3.79 0.00	36.57 3.76 0.00	28.74 3.00 0.00	31.56 3.24 0.00	28.93 2.88 0.00	29.37 2.88 0.00	28.54 2.67 0.00
MENANDS___115KV_TB5 355628	41.05 0.97 0.00	51.53 1.14 0.00	24.44 0.62 0.00	19.48 0.53 0.00	19.55 0.56 0.00	21.54 0.62 0.00	25.62 0.66 0.00	28.96 0.85 0.00	28.00 0.72 0.00	24.30 0.55 0.00	23.66 0.48 0.00	22.01 0.51 0.00	19.95 0.45 0.00	18.37 0.40 0.00	22.21 0.51 0.00	26.15 0.57 0.00	28.18 0.63 0.00	33.02 1.04 0.00	33.63 0.82 0.00	26.35 0.60 0.00	29.00 0.68 0.00	26.62 0.57 0.00	26.85 0.37 0.00	26.12 0.25 0.00
MG INDUSTRY___DRP 24185	41.13 1.05 0.00	51.68 1.29 0.00	24.49 0.67 0.00	19.51 0.57 0.00	19.57 0.58 0.00	21.56 0.64 0.00	25.66 0.70 0.00	28.95 0.85 0.00	28.00 0.72 0.00	24.28 0.53 0.00	23.65 0.47 0.00	22.01 0.51 0.00	19.96 0.46 0.00	18.39 0.41 0.00	22.23 0.53 0.00	26.21 0.62 0.00	28.26 0.71 0.00	33.07 1.09 0.00	33.71 0.90 0.00	26.42 0.67 0.00	29.07 0.75 0.00	26.70 0.65 0.00	26.98 0.49 0.00	26.27 0.40 0.00
MID___OSWEGATCHIE_HYD 23849	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.42 -0.74 -4.17	24.45 -0.94 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00
MID___RAQUETTE_HYD 23851	49.22 -0.20 -9.34	61.02 -0.26 -10.90	30.56 -0.14 -6.88	24.96 -0.13 -6.14	24.86 -0.26 -6.14	26.95 -0.55 -6.58	25.30 -0.82 -1.15	34.82 -0.88 -7.59	34.40 -0.66 -7.78	30.59 -0.45 -7.29	29.49 -0.57 -6.87	27.44 -0.57 -6.51	25.20 -0.51 -6.21	19.09 -0.43 -1.54	21.24 -0.46 0.00	25.14 -0.45 0.00	29.79 -0.65 -2.90	38.62 -1.38 -8.02	40.20 -1.01 -8.40	32.25 -0.78 -7.28	35.26 -0.66 -7.60	32.63 -0.59 -7.18	27.98 -0.37 -1.87	26.04 0.17 0.00

MILLIKEN___1 23584	42.85 0.24 -2.52	56.34 0.24 -5.72	23.92 0.09 0.00	22.97 0.09 -3.94	19.08 0.11 0.00	21.14 0.22 0.00	25.35 0.39 0.00	28.61 0.51 0.00	27.61 0.33 0.00	23.85 0.10 0.00	23.41 0.22 0.00	21.64 0.14 0.00	19.64 0.14 0.00	18.10 0.13 0.00	21.88 0.18 0.00	25.88 0.30 0.00	27.97 0.43 0.00	32.71 0.73 0.00	33.31 0.50 0.00	26.19 0.45 0.00	28.81 0.49 0.00	26.49 0.44 0.00	26.93 0.44 0.00	26.16 0.30 0.00
MILLIKEN___2 23585	42.85 0.24 -2.52	56.34 0.24 -5.72	23.92 0.09 0.00	22.97 0.09 -3.94	19.08 0.11 0.00	21.14 0.22 0.00	25.35 0.39 0.00	28.61 0.51 0.00	27.61 0.33 0.00	23.85 0.10 0.00	23.41 0.22 0.00	21.64 0.14 0.00	19.64 0.14 0.00	18.10 0.13 0.00	21.88 0.18 0.00	25.88 0.30 0.00	27.97 0.43 0.00	32.71 0.73 0.00	33.31 0.50 0.00	26.19 0.45 0.00	28.81 0.49 0.00	26.49 0.44 0.00	26.93 0.44 0.00	26.16 0.30 0.00
MILLIKEN___DIESEL 23629	42.85 0.24 -2.52	56.34 0.24 -5.72	23.92 0.09 0.00	22.97 0.09 -3.94	19.08 0.11 0.00	21.14 0.22 0.00	25.35 0.39 0.00	28.61 0.51 0.00	27.61 0.33 0.00	23.85 0.10 0.00	23.41 0.22 0.00	21.64 0.14 0.00	19.64 0.14 0.00	18.10 0.13 0.00	21.88 0.18 0.00	25.88 0.30 0.00	27.97 0.43 0.00	32.71 0.73 0.00	33.31 0.50 0.00	26.19 0.45 0.00	28.81 0.49 0.00	26.49 0.44 0.00	26.93 0.44 0.00	26.16 0.30 0.00
MILLSEAT___LFGE 323607	37.24 -2.26 0.58	46.12 -2.94 1.32	22.43 -1.38 0.00	16.96 -1.08 0.91	17.80 -1.18 0.00	19.80 -1.12 0.00	23.62 -1.34 0.00	26.58 -1.52 0.00	25.81 -1.47 0.00	22.48 -1.27 0.00	22.44 -0.75 0.00	20.48 -1.02 0.00	18.69 -0.81 0.00	17.28 -0.69 0.00	20.81 -0.89 0.00	24.49 -1.10 0.00	26.16 -1.39 0.00	30.46 -1.52 0.00	31.12 -1.69 0.00	23.08 -1.14 1.52	24.64 -1.23 2.45	24.29 -1.31 0.44	25.22 -0.92 0.35	25.06 -0.80 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	42.90 2.81 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.19 1.21 0.00	22.26 1.34 0.00	26.66 1.70 0.00	30.23 2.12 0.00	29.15 1.87 0.00	25.37 1.62 0.00	24.75 1.57 0.00	22.93 1.42 0.00	20.75 1.25 0.00	19.09 1.11 -1.04	24.03 1.29 0.00	27.14 1.55 0.00	29.35 1.80 0.00	34.49 2.51 0.00	34.97 2.16 0.00	27.40 1.66 0.00	30.04 1.71 0.00	27.63 1.58 0.00	27.85 1.37 0.00	27.07 1.20 0.00
MILLWOOD_13_KV_LOAD 356217	42.98 2.90 0.00	53.97 3.58 0.00	25.45 1.63 0.00	20.15 1.21 0.00	20.23 1.25 0.00	22.30 1.38 0.00	26.72 1.76 0.00	30.30 2.19 0.00	29.22 1.94 0.00	25.44 1.68 0.00	24.81 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.13 1.16 -1.04	24.08 1.35 0.00	27.21 1.63 0.00	29.43 1.88 0.00	34.59 2.60 0.00	35.06 2.25 0.00	27.47 1.73 0.00	30.11 1.79 0.00	27.70 1.65 0.00	27.91 1.43 0.00	27.12 1.26 0.00
MODEL_CITY_ENERGY 24167	35.03 -4.43 0.63	43.41 -5.54 1.43	21.21 -2.60 0.00	15.91 -2.05 0.98	16.78 -2.20 0.00	18.62 -2.30 0.00	22.06 -2.90 0.00	24.71 -3.40 0.00	24.06 -3.22 0.00	21.15 -2.60 0.00	21.52 -1.66 0.00	19.87 -1.63 0.00	18.17 -1.33 0.00	16.80 -1.18 0.00	20.22 -1.48 0.00	23.69 -1.89 0.00	25.19 -2.36 0.00	29.25 -2.73 0.00	29.90 -2.91 0.00	21.91 -2.07 1.77	23.26 -2.21 2.85	23.36 -2.18 0.52	24.35 -1.73 0.41	24.35 -1.52 0.00
MODERN_LFGE___ 323580	35.03 -4.43 0.63	43.41 -5.54 1.43	21.21 -2.60 0.00	15.91 -2.05 0.98	16.78 -2.20 0.00	18.62 -2.30 0.00	22.06 -2.90 0.00	24.71 -3.40 0.00	24.06 -3.22 0.00	21.15 -2.60 0.00	21.52 -1.66 0.00	19.87 -1.63 0.00	18.17 -1.33 0.00	16.80 -1.18 0.00	20.22 -1.48 0.00	23.69 -1.89 0.00	25.19 -2.36 0.00	29.25 -2.73 0.00	29.90 -2.91 0.00	21.91 -2.07 1.77	23.26 -2.21 2.85	23.36 -2.18 0.52	24.35 -1.73 0.41	24.35 -1.52 0.00
MOHAWK_PAPER___DRP 24187	41.25 1.16 0.00	51.75 1.36 0.00	24.54 0.72 0.00	19.54 0.59 0.00	19.61 0.63 0.00	21.62 0.70 0.00	25.75 0.79 0.00	29.11 1.01 0.00	28.14 0.86 0.00	24.42 0.66 0.00	23.78 0.60 0.00	22.11 0.60 0.00	20.02 0.52 0.00	18.44 0.47 0.00	22.31 0.61 0.00	26.29 0.70 0.00	28.34 0.80 0.00	33.22 1.24 0.00	33.83 1.02 0.00	26.50 0.76 0.00	29.17 0.85 0.00	26.77 0.73 0.00	27.01 0.52 0.00	26.27 0.40 0.00
MOHICAN___35_KV_115KV_LD 80490	41.72 1.64 0.00	52.33 1.94 0.00	24.75 0.93 0.00	19.70 0.76 0.00	19.80 0.82 0.00	21.91 0.99 0.00	26.24 1.27 0.00	29.61 1.50 0.00	28.39 1.11 0.00	24.88 1.12 0.00	24.24 1.05 0.00	22.35 0.85 0.00	20.23 0.73 0.00	18.67 0.70 0.00	22.73 1.03 0.00	27.00 1.42 0.00	29.20 1.65 0.00	34.27 2.29 0.00	34.86 2.05 0.00	27.20 1.46 0.00	29.85 1.53 0.00	27.47 1.43 0.00	27.71 1.23 0.00	27.12 1.26 0.00
MONGAUP___HYD 23641	42.14 2.05 0.00	53.04 2.65 0.00	24.99 1.18 0.00	19.86 0.92 0.00	19.90 0.92 0.00	21.98 1.06 0.00	26.34 1.37 0.00	29.84 1.74 0.00	28.77 1.49 0.00	25.02 1.26 0.00	24.38 1.19 0.00	22.31 0.81 0.00	20.16 0.66 0.00	18.52 0.55 0.00	21.33 0.70 1.06	26.56 0.97 0.00	28.92 1.37 0.00	33.90 1.92 0.00	34.44 1.63 0.00	27.06 1.32 0.00	29.60 1.28 0.00	27.22 1.17 0.00	27.49 1.00 0.00	26.83 0.96 0.00
MONTAUK___DIESEL 23721	48.63 5.02 -3.53	56.36 5.98 0.00	26.54 2.73 0.00	20.94 2.00 0.00	21.12 2.14 0.00	23.36 2.44 0.00	28.09 3.13 0.00	74.34 3.70 -42.53	30.41 3.13 0.00	26.45 2.70 0.00	25.50 2.31 0.00	23.51 2.01 0.00	21.33 1.83 0.00	19.89 1.91 0.00	27.27 2.44 -3.12	28.67 3.05 -0.04	30.96 3.30 -0.12	35.96 3.97 0.00	36.43 3.62 0.00	28.63 2.89 0.00	31.32 3.00 0.00	28.90 2.85 0.00	29.17 2.68 0.00	28.51 2.64 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	35.16 -4.16 0.76	43.27 -5.38 1.73	21.51 -2.31 0.00	15.92 -1.83 1.19	16.98 -2.00 0.00	18.91 -2.01 0.00	22.68 -2.28 0.00	25.11 -2.99 0.00	24.63 -2.64 0.00	21.94 -1.81 0.00	22.29 -0.90 0.00	20.61 -0.89 0.00	18.77 -0.73 0.00	17.27 -0.70 0.00	20.91 -0.79 0.00	24.68 -0.90 0.00	26.03 -1.52 0.00	30.26 -1.72 0.00	30.90 -1.91 0.00	24.40 -1.34 0.00	27.15 -1.17 0.00	24.82 -1.23 0.00	25.70 -0.79 0.00	25.13 -0.74 0.00
MORTIMER_115KV_TB3 55949	37.28 -2.30 0.51	46.24 -2.99 1.15	22.41 -1.41 0.00	17.06 -1.09 0.79	17.84 -1.14 0.00	19.75 -1.17 0.00	23.55 -1.41 0.00	26.48 -1.62 0.00	25.68 -1.60 0.00	22.40 -1.35 0.00	22.39 -0.80 0.00	20.71 -0.79 0.00	18.87 -0.63 0.00	17.42 -0.56 0.00	21.01 -0.69 0.00	24.73 -0.85 0.00	26.47 -1.07 0.00	30.82 -1.16 0.00	31.47 -1.34 0.00	24.78 -0.96 0.00	27.27 -1.05 0.00	25.00 -1.05 0.00	25.68 -0.81 0.00	25.09 -0.78 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	43.28 3.19 0.00	54.32 3.94 0.00	25.60 1.78 0.00	20.28 1.34 0.00	20.36 1.38 0.00	22.44 1.52 0.00	26.87 1.91 0.00	30.49 2.39 0.00	29.40 2.12 0.00	25.61 1.85 0.00	24.99 1.80 0.00	23.16 1.66 0.00	20.99 1.46 -0.02	19.28 1.30 0.00	24.10 1.48 -0.92	27.36 1.78 0.00	29.58 2.04 0.00	34.77 2.78 0.00	35.23 2.42 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.77 0.00	28.02 1.54 0.00	27.23 1.36 0.00

MUNSVILLE_WIND_PWR 323609	43.59 2.11 -1.38	56.07 2.55 -3.14	24.91 1.09 0.00	21.94 0.83 -2.16	19.80 0.82 0.00	22.11 1.19 0.00	26.81 1.85 0.00	30.36 2.25 0.00	29.16 1.88 0.00	24.94 1.18 0.00	24.29 1.11 0.00	22.56 1.06 0.00	20.40 0.90 0.00	18.84 0.86 0.00	22.87 1.17 0.00	27.24 1.65 0.00	29.52 1.98 0.00	34.55 2.57 0.00	35.15 2.34 0.00	28.10 1.91 -0.44	31.15 2.11 -0.72	28.05 1.87 -0.13	28.44 1.86 -0.10	27.24 1.38 0.00
N SALMON___HYD 24042	81.05 -0.48 -41.44	98.11 -0.63 -48.36	54.03 -0.31 -30.53	45.92 -0.26 -27.25	45.87 -0.35 -27.23	49.61 -0.50 -29.19	46.47 -0.61 -22.12	61.20 -0.62 -33.71	61.47 -0.34 -34.52	55.83 -0.27 -32.35	53.30 -0.40 -30.51	49.98 -0.40 -28.88	46.69 -0.36 -27.55	24.55 -0.26 -6.83	21.52 -0.17 0.00	25.48 -0.10 0.00	39.98 -0.43 -12.86	66.51 -1.06 -35.58	69.45 -0.66 -37.31	57.58 -0.49 -32.32	61.56 -0.49 -33.73	57.44 -0.49 -31.88	34.47 -0.30 -8.28	26.25 0.38 0.00
N.AKRON___115KV_KNAPP 355671	36.55 -2.94 0.60	45.28 -3.75 1.36	22.04 -1.77 0.00	16.63 -1.38 0.93	17.49 -1.49 0.00	19.42 -1.50 0.00	23.11 -1.86 0.00	25.98 -2.12 0.00	25.25 -2.03 0.00	22.06 -1.69 0.00	22.27 -0.91 0.00	20.48 -1.02 0.00	18.71 -0.79 0.00	17.29 -0.68 0.00	20.81 -0.89 0.00	24.48 -1.10 0.00	26.13 -1.42 0.00	30.42 -1.56 0.00	31.06 -1.75 0.00	24.56 -1.18 0.00	27.05 -1.27 0.00	24.72 -1.33 0.00	25.55 -0.94 0.00	25.04 -0.82 0.00
N.BELMOR_69_KV_BK1 55787	47.30 3.69 -3.53	54.85 4.47 0.00	25.87 2.06 0.00	20.44 1.50 0.00	20.57 1.59 0.00	22.70 1.78 0.00	27.27 2.31 0.00	73.49 2.85 -42.53	29.76 2.48 0.00	25.91 2.16 0.00	25.22 2.04 0.00	23.31 1.81 0.00	21.13 1.63 0.00	19.51 1.54 0.00	26.66 1.84 -3.12	27.82 2.20 -0.04	30.15 2.48 -0.12	35.33 3.34 0.00	35.80 2.99 0.00	28.08 2.34 0.00	30.76 2.44 0.00	28.28 2.24 0.00	28.50 2.02 0.00	27.69 1.82 0.00
N.E_GEN_SANDY PD 24062	42.05 1.97 0.00	51.98 2.33 0.73	24.76 1.09 0.15	19.78 0.84 0.00	19.86 0.88 0.00	21.89 0.97 0.00	26.12 1.16 0.00	29.59 1.48 0.00	28.52 1.24 0.00	25.27 1.03 -0.49	24.13 0.94 -0.01	22.37 0.87 0.00	20.24 0.74 0.00	18.45 0.63 0.16	22.48 0.82 0.03	26.43 1.00 0.15	25.22 1.11 3.44	34.29 1.72 -0.60	34.30 1.49 0.00	26.84 1.10 0.00	29.52 1.20 0.00	27.62 1.10 -0.47	26.91 0.84 0.41	26.56 0.69 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	42.66 2.57 0.00	53.58 3.19 0.00	25.27 1.46 0.00	20.01 1.07 0.00	20.13 1.15 0.00	22.23 1.30 0.00	26.63 1.67 0.00	30.17 2.07 0.00	29.10 1.82 0.00	25.32 1.56 0.00	24.73 1.55 0.00	22.90 1.40 0.00	20.71 1.21 0.00	19.06 1.08 0.00	21.31 1.24 1.63	27.10 1.52 0.00	29.31 1.77 0.00	34.44 2.46 0.00	34.93 2.12 0.00	27.35 1.61 0.00	29.98 1.66 0.00	27.59 1.54 0.00	27.81 1.33 0.00	27.04 1.17 0.00
N.QUEENS_27_KV_LOAD 356247	43.41 3.32 0.00	54.58 4.19 -0.01	25.77 1.95 -0.01	20.83 1.49 -0.40	20.50 1.51 0.00	22.61 1.69 0.00	26.99 2.03 0.00	30.67 2.56 0.00	29.54 2.26 0.00	25.78 2.02 0.00	25.13 1.94 0.00	23.31 1.80 0.00	21.12 1.60 -0.02	19.41 1.43 0.00	24.22 1.59 -0.93	27.48 1.89 0.00	29.71 2.16 0.00	34.92 2.94 0.00	35.39 2.59 0.00	27.74 2.00 0.00	30.37 2.05 0.00	27.97 1.92 0.00	28.13 1.64 0.00	27.41 1.54 0.00
N.TROY___115KV_TB1 355778	41.43 1.35 0.00	51.95 1.57 0.00	24.58 0.77 0.00	19.55 0.61 0.00	19.63 0.65 0.00	21.67 0.74 0.00	25.86 0.90 0.00	29.24 1.14 0.00	28.20 0.92 0.00	24.49 0.74 0.00	23.87 0.68 0.00	22.12 0.62 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.36 0.66 0.00	26.41 0.82 0.00	28.44 0.89 0.00	33.35 1.37 0.00	34.00 1.19 0.00	26.60 0.86 0.00	29.31 0.99 0.00	26.92 0.87 0.00	27.13 0.65 0.00	26.42 0.55 0.00
NARROWS_GT1_1 24228	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_2 24229	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_3 24230	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_4 24231	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_5 24232	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_6 24233	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT1_7 24234	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00

NARROWS_GT1_8 24235	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_1 24236	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_2 24237	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_3 24238	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_4 24239	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_5 24240	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_6 24241	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_7 24242	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NARROWS_GT2_8 24243	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	41.81 1.72 0.00	52.44 2.06 0.00	24.88 1.07 0.00	19.85 0.91 0.00	19.91 0.93 0.00	21.98 1.06 0.00	26.18 1.22 0.00	29.58 1.48 0.00	28.61 1.33 0.00	24.62 0.86 0.00	23.87 0.68 0.00	22.17 0.67 0.00	20.09 0.59 0.00	18.52 0.55 0.00	22.49 0.79 0.00	26.62 1.04 0.00	28.86 1.31 0.00	33.86 1.88 0.00	34.49 1.68 0.00	27.02 1.28 0.00	29.73 1.41 0.00	27.24 1.20 0.00	27.46 0.98 0.00	26.69 0.82 0.00
NCHELSEA_115KV_TR2 355582	43.03 2.95 0.00	54.02 3.64 0.00	25.48 1.66 0.00	20.20 1.26 0.00	20.29 1.31 0.00	22.39 1.47 0.00	26.83 1.87 0.00	30.42 2.32 0.00	29.34 2.05 0.00	25.47 1.72 0.00	24.83 1.64 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.13 1.16 0.00	23.07 1.37 0.00	27.27 1.68 0.00	29.48 1.93 0.00	34.66 2.68 0.00	35.18 2.37 0.00	27.55 1.81 0.00	30.20 1.88 0.00	27.78 1.74 0.00	28.01 1.53 0.00	27.21 1.34 0.00
NEG CAPITAL___MECHNVIL 23645	41.83 1.74 0.00	52.46 2.07 0.00	24.81 0.99 0.00	19.73 0.79 0.00	19.82 0.83 0.00	21.90 0.98 0.00	26.19 1.23 0.00	29.60 1.49 0.00	28.52 1.24 0.00	24.80 1.05 0.00	24.16 0.98 0.00	22.35 0.84 0.00	20.23 0.73 0.00	18.65 0.67 0.00	22.62 0.92 0.00	26.80 1.21 0.00	28.90 1.35 0.00	33.88 1.90 0.00	34.52 1.71 0.00	27.01 1.27 0.00	29.69 1.37 0.00	27.28 1.24 0.00	27.50 1.02 0.00	26.81 0.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	37.14 -2.56 0.39	46.17 -3.34 0.88	22.26 -1.56 0.00	17.13 -1.21 0.61	17.74 -1.25 0.00	19.66 -1.26 0.00	23.47 -1.49 0.00	26.44 -1.66 0.00	25.62 -1.66 0.00	22.32 -1.43 0.00	22.20 -0.99 0.00	20.56 -0.95 0.00	18.68 -0.81 0.00	17.23 -0.74 0.00	20.76 -0.94 0.00	24.45 -1.13 0.00	26.24 -1.31 0.00	30.58 -1.40 0.00	31.21 -1.60 0.00	23.97 -1.18 0.60	26.05 -1.31 0.97	24.59 -1.28 0.17	25.25 -1.10 0.14	24.77 -1.10 0.00
NEG CENTRAL___DRP 24199	38.69 -0.68 0.72	47.77 -0.99 1.63	23.34 -0.47 0.00	17.48 -0.35 1.12	18.65 -0.33 0.00	20.67 -0.25 0.00	24.79 -0.17 0.00	27.96 -0.14 0.00	27.00 -0.28 0.00	23.40 -0.35 0.00	23.09 -0.10 0.00	21.35 -0.16 0.00	19.39 -0.12 0.00	17.89 -0.09 0.00	21.58 -0.12 0.00	25.41 -0.17 0.00	27.40 -0.15 0.00	32.02 0.04 0.00	32.59 -0.22 0.00	25.70 -0.04 0.00	28.29 -0.03 0.00	26.03 -0.02 0.00	26.49 0.01 0.00	25.74 -0.13 0.00
NEG CENTRAL___INDECK 23768	36.69 -1.37 2.02	43.86 -1.94 4.59	22.87 -0.95 0.00	15.06 -0.73 3.16	18.27 -0.72 0.00	20.32 -0.60 0.00	24.43 -0.53 0.00	27.72 -0.38 0.00	26.65 -0.63 0.00	22.83 -0.93 0.00	22.48 -0.71 0.00	20.81 -0.69 0.00	18.92 -0.58 0.00	17.44 -0.53 0.00	21.08 -0.62 0.00	24.89 -0.69 0.00	27.12 -0.43 0.00	31.87 -0.11 0.00	32.55 -0.26 0.00	26.33 -0.07 -0.66	29.21 -0.16 -1.06	26.19 -0.05 -0.19	26.72 0.09 -0.15	25.66 -0.20 0.00



NEG CENTRAL___SENECA 23627	37.86 -0.92 1.31	46.09 -1.33 2.96	23.19 -0.62 0.00	16.44 -0.47 2.04	18.54 -0.45 0.00	20.57 -0.35 0.00	24.68 -0.29 0.00	27.87 -0.23 0.00	26.90 -0.38 0.00	23.30 -0.45 0.00	23.01 -0.18 0.00	21.28 -0.22 0.00	19.32 -0.19 0.00	17.80 -0.17 0.00	21.51 -0.19 0.00	25.29 -0.29 0.00	27.23 -0.32 0.00	31.84 -0.14 0.00	32.39 -0.42 0.00	25.60 -0.14 0.00	28.19 -0.13 0.00	25.95 -0.10 0.00	26.42 -0.06 0.00	25.66 -0.21 0.00
NEG CENTRAL___STATE_STREET 24147	40.16 -0.17 -0.24	50.62 -0.32 -0.54	23.66 -0.16 0.00	19.22 -0.10 -0.38	18.89 -0.09 0.00	20.92 0.00 0.00	25.05 0.09 0.00	28.23 0.13 0.00	27.28 0.00 0.00	23.66 -0.09 0.00	23.35 0.17 0.00	21.55 0.04 0.00	19.62 0.12 0.00	18.12 0.14 0.00	21.79 0.09 0.00	25.75 0.16 0.00	27.82 0.27 0.00	32.52 0.54 0.00	33.01 0.20 0.00	26.01 0.27 0.00	28.63 0.31 0.00	26.34 0.29 0.00	26.74 0.25 0.00	25.99 0.12 0.00
NEG MILLWOOD___DRP 24198	43.29 3.20 0.00	54.32 3.94 0.00	25.62 1.80 0.00	20.30 1.35 0.00	20.40 1.42 0.00	22.52 1.59 0.00	26.98 2.02 0.00	30.61 2.50 0.00	29.51 2.23 0.00	25.64 1.89 0.00	24.96 1.78 0.00	23.10 1.59 0.00	20.91 1.41 0.00	19.24 1.27 0.00	23.47 1.50 -0.27	27.41 1.82 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.39 2.58 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.89 0.00	28.15 1.67 0.00	27.34 1.47 0.00
NEG NORTH_FLCN_SEA 23793	-21.17 -0.82 60.44	-21.19 -1.04 70.53	-21.18 -0.47 44.52	-21.18 -0.39 39.74	-21.25 -0.52 39.71	-22.36 -0.70 42.57	-23.57 -0.93 47.60	-22.04 -0.99 49.16	-23.80 -0.73 50.35	-24.06 -0.63 47.18	-22.04 -0.74 44.49	-21.38 -0.77 42.11	-21.36 -0.69 40.17	7.49 -0.52 9.96	21.28 -0.42 0.00	25.22 -0.37 0.00	7.96 -0.83 18.75	-21.41 -1.51 51.88	-22.81 -1.22 54.40	-22.32 -0.93 47.14	-21.91 -1.03 49.20	-21.40 -0.95 46.50	13.63 -0.78 12.07	26.07 0.20 0.00
NEG NORTH_KES_CHATEGAY 23792	-25.37 -1.06 64.40	-26.11 -1.34 75.15	-24.25 -0.64 47.44	-23.92 -0.52 42.34	-23.93 -0.60 42.32	-25.18 -0.74 45.36	-26.11 -0.89 50.19	-25.23 -0.96 52.38	-27.00 -0.63 53.65	-27.07 -0.55 50.27	-24.91 -0.69 47.40	-24.06 -0.69 44.88	-23.92 -0.63 42.80	6.86 -0.49 10.62	21.28 -0.42 0.00	25.19 -0.39 0.00	6.80 -0.77 19.98	-24.74 -1.44 55.28	-26.21 -1.06 57.96	-25.28 -0.80 50.23	-24.96 -0.86 52.42	-24.31 -0.81 49.54	12.98 -0.64 12.86	25.97 0.11 0.00
NEG NORTH___ALICE_FALLS 23915	-21.70 -0.72 61.07	-21.83 -0.95 71.26	-21.61 -0.44 44.98	-21.57 -0.36 40.15	-21.62 -0.48 40.13	-22.70 -0.61 43.02	-23.81 -0.77 48.01	-22.35 -0.78 49.67	-24.12 -0.52 50.88	-24.39 -0.47 47.67	-22.36 -0.60 44.95	-21.68 -0.64 42.55	-21.66 -0.58 40.59	7.49 -0.42 10.07	21.40 -0.30 0.00	25.37 -0.21 0.00	7.97 -0.64 18.94	-21.69 -1.26 52.42	-23.09 -0.93 54.97	-22.59 -0.70 47.63	-22.18 -0.79 49.71	-21.69 -0.75 46.98	13.71 -0.58 12.20	26.16 0.29 0.00
NEG NORTH___LWR_SARANAC 23913	-21.70 -0.72 61.07	-21.83 -0.95 71.26	-21.61 -0.44 44.98	-21.57 -0.36 40.15	-21.62 -0.48 40.13	-22.70 -0.61 43.02	-23.81 -0.77 48.01	-22.35 -0.78 49.67	-24.12 -0.52 50.88	-24.39 -0.47 47.67	-22.36 -0.60 44.95	-21.68 -0.64 42.55	-21.66 -0.58 40.59	7.49 -0.42 10.07	21.40 -0.30 0.00	25.37 -0.21 0.00	7.97 -0.64 18.94	-21.69 -1.26 52.42	-23.09 -0.93 54.97	-22.59 -0.70 47.63	-22.18 -0.79 49.71	-21.69 -0.75 46.98	13.71 -0.58 12.20	26.16 0.29 0.00
NEG NORTH___PLATTSBURG 23628	-21.71 -0.73 61.07	-21.86 -0.98 71.26	-21.61 -0.44 44.98	-21.57 -0.36 40.15	-21.62 -0.48 40.13	-22.71 -0.61 43.02	-23.80 -0.76 48.01	-22.36 -0.80 49.67	-24.10 -0.51 50.88	-24.38 -0.46 47.67	-22.37 -0.61 44.95	-21.69 -0.64 42.55	-21.67 -0.58 40.59	7.48 -0.42 10.07	21.40 -0.30 0.00	25.37 -0.21 0.00	7.97 -0.64 18.94	-21.70 -1.26 52.42	-23.10 -0.95 54.97	-22.60 -0.71 47.63	-22.19 -0.80 49.71	-21.69 -0.75 46.98	13.70 -0.58 12.20	26.16 0.29 0.00
NEG WEST_LEA_LOCKPORT 23791	35.31 -4.16 0.62	43.75 -5.22 1.41	21.37 -2.44 0.00	16.06 -1.91 0.97	16.93 -2.05 0.00	18.77 -2.15 0.00	22.25 -2.71 0.00	24.95 -3.15 0.00	24.28 -3.00 0.00	21.33 -2.42 0.00	21.71 -1.47 0.00	20.05 -1.45 0.00	18.34 -1.16 0.00	16.94 -1.03 0.00	20.40 -1.30 0.00	23.93 -1.66 0.00	25.42 -2.13 0.00	29.55 -2.43 0.00	30.18 -2.63 0.00	23.89 -1.85 0.00	26.35 -1.97 0.00	24.09 -1.95 0.00	24.97 -1.51 0.00	24.53 -1.34 0.00
NEG WEST___LANCASTR 23811	37.13 -2.20 0.76	45.77 -2.89 1.72	22.48 -1.33 0.00	16.75 -1.01 1.18	17.85 -1.13 0.00	19.73 -1.19 0.00	23.47 -1.49 0.00	26.29 -1.82 0.00	25.58 -1.70 0.00	22.43 -1.32 0.00	22.72 -0.47 0.00	21.04 -0.46 0.00	19.18 -0.32 0.00	17.71 -0.26 0.00	21.38 -0.32 0.00	25.13 -0.46 0.00	26.71 -0.84 0.00	31.04 -0.94 0.00	31.62 -1.19 0.00	25.00 -0.74 0.00	27.60 -0.72 0.00	25.23 -0.82 0.00	26.06 -0.43 0.00	25.45 -0.42 0.00
NEG_PENN_ALLEGHNY 23528	39.90 -0.19 0.00	50.12 -0.26 0.00	23.68 -0.14 0.00	18.83 -0.11 0.00	18.89 -0.10 0.00	20.88 -0.05 0.00	24.99 0.02 0.00	28.19 0.09 0.00	27.24 -0.04 0.00	23.66 -0.09 0.00	23.25 0.06 0.00	21.56 0.06 0.00	19.54 0.04 0.00	18.01 0.03 0.00	21.76 0.06 0.00	25.57 -0.01 0.00	27.51 -0.04 0.00	32.16 0.18 0.00	32.74 -0.07 0.00	26.17 -0.03 -0.46	29.00 -0.06 -0.74	26.15 -0.03 -0.13	26.60 0.01 -0.11	25.75 -0.12 0.00
NEG___GEN_MONROE 24207	37.91 -1.66 0.51	47.00 -2.22 1.16	22.77 -1.05 0.00	17.33 -0.81 0.80	18.11 -0.87 0.00	20.08 -0.84 0.00	24.02 -0.94 0.00	27.03 -1.08 0.00	26.15 -1.13 0.00	22.75 -1.00 0.00	22.72 -0.46 0.00	20.94 -0.56 0.00	19.11 -0.39 0.00	17.66 -0.31 0.00	21.19 -0.51 0.00	24.99 -0.60 0.00	26.71 -0.84 0.00	31.17 -0.81 0.00	31.81 -1.00 0.00	25.11 -0.64 0.00	27.46 -0.86 0.00	25.14 -0.91 0.00	25.84 -0.64 0.00	25.25 -0.62 0.00
NEPA___ENERGY 23901	36.08 -3.21 0.80	44.45 -4.13 1.81	21.91 -1.91 0.00	16.20 -1.50 1.24	17.41 -1.57 0.00	19.29 -1.63 0.00	23.03 -1.94 0.00	25.75 -2.36 0.00	25.05 -2.23 0.00	22.01 -1.74 0.00	22.27 -0.91 0.00	20.62 -0.89 0.00	18.72 -0.78 0.00	17.28 -0.70 0.00	20.87 -0.83 0.00	24.50 -1.08 0.00	26.06 -1.49 0.00	30.48 -1.50 0.00	30.94 -1.87 0.00	24.40 -1.34 0.00	26.89 -1.43 0.00	24.67 -1.38 0.00	25.44 -1.05 0.00	24.83 -1.04 0.00
NEVERSINK___HYD 23608	43.03 2.94 0.00	54.09 3.70 0.00	25.50 1.68 0.00	20.21 1.27 0.00	20.30 1.32 0.00	22.44 1.53 0.00	26.96 2.00 0.00	30.55 2.45 0.00	29.46 2.18 0.00	25.56 1.80 0.00	24.88 1.69 0.00	23.01 1.51 0.00	20.82 1.32 0.00	18.99 1.02 0.00	22.08 0.67 0.28	26.49 0.91 0.00	28.85 1.31 0.00	33.84 1.86 0.00	34.46 1.65 0.00	27.00 1.26 0.00	29.59 1.27 0.00	27.31 1.26 0.00	28.21 1.72 0.00	27.38 1.51 0.00
NEWKRMKL_115KV_TB1 55635	40.84 0.75 0.00	51.29 0.90 0.00	24.35 0.53 0.00	19.41 0.47 0.00	19.49 0.51 0.00	21.47 0.55 0.00	25.51 0.54 0.00	28.81 0.71 0.00	27.89 0.61 0.00	24.20 0.44 0.00	23.56 0.38 0.00	21.94 0.44 0.00	19.89 0.40 0.00	18.32 0.35 0.00	22.13 0.43 0.00	26.04 0.45 0.00	28.08 0.53 0.00	32.89 0.91 0.00	33.49 0.68 0.00	26.24 0.50 0.00	28.87 0.54 0.00	26.51 0.46 0.00	26.74 0.26 0.00	26.01 0.14 0.00

NEWTON___FALLS_HYD 23847	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.42 -0.74 -4.17	24.45 -0.94 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00
NGRID_A1_DSASP 323792	34.48 -4.97 0.64	42.65 -6.29 1.44	20.86 -2.96 0.00	15.67 -2.28 0.99	16.53 -2.45 0.00	18.33 -2.59 0.00	21.70 -3.26 0.00	24.28 -3.82 0.00	23.65 -3.63 0.00	20.82 -2.93 0.00	21.21 -1.98 0.00	19.59 -1.91 0.00	17.92 -1.58 0.00	16.58 -1.39 0.00	19.95 -1.75 0.00	23.34 -2.24 0.00	24.77 -2.78 0.00	28.74 -3.24 0.00	29.38 -3.43 0.00	21.49 -2.42 1.83	22.91 -2.46 2.95	22.98 -2.53 0.54	23.98 -2.08 0.42	24.03 -1.84 0.00
NGRID_A2_DSASP 323793	34.48 -4.97 0.64	42.65 -6.29 1.44	20.86 -2.96 0.00	15.67 -2.28 0.99	16.53 -2.45 0.00	18.33 -2.59 0.00	21.70 -3.26 0.00	24.28 -3.82 0.00	23.65 -3.63 0.00	20.82 -2.93 0.00	21.21 -1.98 0.00	19.59 -1.91 0.00	17.92 -1.58 0.00	16.58 -1.39 0.00	19.95 -1.75 0.00	23.34 -2.24 0.00	24.77 -2.78 0.00	28.74 -3.24 0.00	29.38 -3.43 0.00	21.49 -2.42 1.83	22.91 -2.46 2.95	22.98 -2.53 0.54	23.98 -2.08 0.42	24.03 -1.84 0.00
NGRID_A4_DSASP 323807	34.48 -4.97 0.64	42.65 -6.29 1.44	20.86 -2.96 0.00	15.67 -2.28 0.99	16.53 -2.45 0.00	18.33 -2.59 0.00	21.70 -3.26 0.00	24.28 -3.82 0.00	23.65 -3.63 0.00	20.82 -2.93 0.00	21.21 -1.98 0.00	19.59 -1.91 0.00	17.92 -1.58 0.00	16.58 -1.39 0.00	19.95 -1.75 0.00	23.34 -2.24 0.00	24.77 -2.78 0.00	28.74 -3.24 0.00	29.38 -3.43 0.00	21.49 -2.42 1.83	22.91 -2.46 2.95	22.98 -2.53 0.54	23.98 -2.08 0.42	24.03 -1.84 0.00
NIAGARA_115E_LBMP 323715	34.83 -4.62 0.64	43.18 -5.76 1.45	21.10 -2.71 0.00	15.81 -2.14 0.99	16.68 -2.30 0.00	18.50 -2.42 0.00	21.91 -3.05 0.00	24.53 -3.57 0.00	23.89 -3.39 0.00	21.02 -2.73 0.00	21.40 -1.79 0.00	19.76 -1.74 0.00	18.07 -1.43 0.00	16.71 -1.27 0.00	20.11 -1.59 0.00	23.55 -2.03 0.00	25.02 -2.53 0.00	29.05 -2.93 0.00	29.70 -3.11 0.00	21.70 -2.23 1.82	23.01 -2.39 2.93	23.19 -2.33 0.53	24.19 -1.87 0.42	24.22 -1.65 0.00
NIAGARA_115W_LBMP 323714	34.39 -5.06 0.63	42.55 -6.39 1.44	20.81 -3.01 0.00	15.63 -2.32 0.99	16.49 -2.49 0.00	18.28 -2.64 0.00	21.64 -3.32 0.00	24.21 -3.89 0.00	23.59 -3.69 0.00	20.77 -2.98 0.00	21.15 -2.03 0.00	19.55 -1.95 0.00	17.87 -1.63 0.00	16.54 -1.43 0.00	19.89 -1.81 0.00	23.28 -2.31 0.00	24.71 -2.84 0.00	28.66 -3.32 0.00	29.30 -3.51 0.00	21.44 -1.83 1.83	22.85 -2.52 2.95	22.92 -2.59 0.53	23.92 -2.15 0.42	23.98 -1.89 0.00
NIAGARA_230_LBMP 323716	34.99 -4.47 0.63	43.29 -5.68 1.42	21.16 -2.66 0.00	15.90 -2.07 0.97	16.78 -2.20 0.00	18.60 -2.32 0.00	22.03 -2.93 0.00	24.67 -3.43 0.00	24.01 -3.27 0.00	21.11 -2.64 0.00	21.48 -1.71 0.00	19.85 -1.65 0.00	18.15 -1.36 0.00	16.78 -1.20 0.00	20.21 -1.49 0.00	23.68 -1.91 0.00	25.12 -2.43 0.00	29.17 -2.81 0.00	29.80 -3.01 0.00	21.80 -2.15 1.80	23.13 -2.29 2.89	23.28 -2.24 0.52	24.25 -1.82 0.42	24.22 -1.65 0.00
NIAGARA___115KV_198_GIBSON 55903	34.41 -5.04 0.63	42.63 -6.32 1.44	20.81 -3.00 0.00	15.64 -2.31 0.99	16.50 -2.48 0.00	18.27 -2.66 0.00	21.62 -3.34 0.00	24.21 -3.90 0.00	23.58 -3.70 0.00	20.75 -3.00 0.00	21.14 -2.04 0.00	19.54 -1.96 0.00	17.89 -1.61 0.00	16.54 -1.43 0.00	19.89 -1.81 0.00	23.28 -2.30 0.00	24.69 -2.85 0.00	28.64 -3.34 0.00	29.28 -3.53 0.00	23.26 -2.48 0.00	25.78 -2.54 0.00	23.45 -2.59 0.00	24.33 -2.16 0.00	23.97 -1.90 0.00
NIAGARA____ 23760	34.98 -4.47 0.63	43.28 -5.68 1.42	21.16 -2.66 0.00	15.90 -2.07 0.98	16.78 -2.20 0.00	18.60 -2.32 0.00	22.03 -2.93 0.00	24.67 -3.43 0.00	24.01 -3.27 0.00	21.11 -2.64 0.00	21.48 -1.71 0.00	19.85 -1.65 0.00	18.15 -1.36 0.00	16.78 -1.20 0.00	20.21 -1.49 0.00	23.68 -1.91 0.00	25.12 -2.43 0.00	29.17 -2.81 0.00	29.80 -3.01 0.00	21.79 -2.15 1.80	23.12 -2.29 2.91	23.28 -2.24 0.53	24.25 -1.82 0.42	24.22 -1.65 0.00
NINE_MILE_1 23575	38.54 -1.55 0.00	48.42 -1.96 0.00	22.89 -0.92 0.00	18.24 -0.70 0.00	18.29 -0.70 0.00	20.17 -0.75 0.00	24.02 -0.94 0.00	26.98 -1.13 0.00	26.15 -1.13 0.00	22.77 -0.98 0.00	22.30 -0.88 0.00	20.70 -0.80 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.89 -0.80 0.00	24.58 -1.01 0.00	26.47 -1.08 0.00	30.83 -1.15 0.00	31.53 -1.28 0.00	24.75 -0.99 0.00	27.21 -1.11 0.00	25.04 -1.01 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
NINE_MILE_2 23744	38.54 -1.55 0.00	48.42 -1.96 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.70 0.00	20.17 -0.75 0.00	24.02 -0.94 0.00	26.98 -1.12 0.00	26.15 -1.13 0.00	22.77 -0.98 0.00	22.30 -0.88 0.00	20.70 -0.80 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.90 -0.80 0.00	24.58 -1.00 0.00	26.47 -1.08 0.00	30.83 -1.15 0.00	31.53 -1.28 0.00	24.75 -0.99 0.00	27.22 -1.10 0.00	25.04 -1.00 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
NM_CAPITAL___DRP 24208	40.97 0.88 0.00	51.41 1.02 0.00	24.40 0.58 0.00	19.44 0.50 0.00	19.52 0.54 0.00	21.51 0.58 0.00	25.57 0.60 0.00	28.89 0.79 0.00	27.94 0.66 0.00	24.25 0.49 0.00	23.61 0.42 0.00	21.98 0.47 0.00	19.92 0.42 0.00	18.34 0.36 0.00	22.16 0.46 0.00	26.09 0.50 0.00	28.13 0.58 0.00	32.95 0.97 0.00	33.56 0.75 0.00	26.28 0.54 0.00	28.93 0.61 0.00	26.56 0.52 0.00	26.79 0.30 0.00	26.06 0.19 0.00
NM_CENTRAL___DRP 24181	39.28 -0.80 0.00	49.33 -1.05 0.00	23.33 -0.49 0.00	18.58 -0.36 0.00	18.63 -0.35 0.00	20.57 -0.34 0.00	24.57 -0.39 0.00	27.63 -0.47 0.00	26.75 -0.53 0.00	23.27 -0.48 0.00	22.83 -0.36 0.00	21.18 -0.33 0.00	19.22 -0.28 0.00	17.72 -0.25 0.00	21.37 -0.33 0.00	25.15 -0.43 0.00	27.11 -0.44 0.00	31.63 -0.35 0.00	32.30 -0.51 0.00	25.36 -0.39 0.00	27.88 -0.44 0.00	25.63 -0.42 0.00	26.14 -0.34 0.00	25.47 -0.40 0.00
NM_FRONTIER___DRP 24179	34.41 -5.04 0.63	42.63 -6.32 1.44	20.81 -3.00 0.00	15.64 -2.31 0.99	16.50 -2.48 0.00	18.27 -2.66 0.00	21.62 -3.34 0.00	24.21 -3.90 0.00	23.58 -3.70 0.00	20.75 -3.00 0.00	21.14 -2.04 0.00	19.54 -1.96 0.00	17.89 -1.61 0.00	16.54 -1.43 0.00	19.89 -1.81 0.00	23.28 -2.30 0.00	24.69 -2.85 0.00	28.64 -3.34 0.00	29.28 -3.53 0.00	23.26 -2.48 0.00	25.78 -2.54 0.00	23.45 -2.59 0.00	24.33 -2.16 0.00	23.97 -1.90 0.00
NM_ST_REGIS___HYD 24053	55.75 -0.28 -15.95	68.63 -0.36 -18.61	35.38 -0.18 -11.74	29.26 -0.16 -10.49	29.17 -0.29 -10.48	31.60 -0.55 -11.23	29.65 -0.77 -5.47	40.25 -0.83 -12.97	39.98 -0.59 -13.29	35.80 -0.41 -12.45	34.39 -0.53 -11.74	32.08 -0.53 -11.11	29.63 -0.47 -10.60	20.22 -0.39 -2.63	21.31 -0.40 0.00	25.22 -0.36 0.00	31.89 -0.61 -4.95	44.36 -1.31 -13.69	46.23 -0.93 -14.35	37.47 -0.71 -12.44	40.67 -0.63 -12.98	37.74 -0.58 -12.27	29.32 -0.35 -3.19	26.10 0.23 0.00

NORTHPORT___1 23551	47.38 3.77 -3.53	54.86 4.48 0.00	25.86 2.05 0.00	20.39 1.44 0.00	20.57 1.59 0.00	22.66 1.74 0.00	27.22 2.26 0.00	73.39 2.76 -42.53	29.64 2.36 0.00	25.87 2.12 0.00	25.13 1.94 0.00	23.23 1.72 0.00	21.11 1.61 0.00	19.52 1.55 0.00	26.67 1.85 -3.12	27.76 2.15 -0.04	29.99 2.32 -0.12	35.11 3.13 0.00	35.52 2.71 0.00	27.87 2.13 0.00	30.56 2.24 0.00	28.15 2.10 0.00	28.41 1.92 0.00	27.67 1.80 0.00
NORTHPORT___2 23552	47.38 3.77 -3.53	54.86 4.48 0.00	25.86 2.05 0.00	20.39 1.44 0.00	20.57 1.59 0.00	22.66 1.74 0.00	27.22 2.26 0.00	73.39 2.76 -42.53	29.64 2.36 0.00	25.87 2.12 0.00	25.13 1.94 0.00	23.23 1.72 0.00	21.11 1.61 0.00	19.52 1.55 0.00	26.67 1.85 -3.12	27.76 2.15 -0.04	29.99 2.32 -0.12	35.11 3.13 0.00	35.52 2.71 0.00	27.87 2.13 0.00	30.56 2.24 0.00	28.15 2.10 0.00	28.41 1.92 0.00	27.67 1.80 0.00
NORTHPORT___3 23553	47.12 3.51 -3.53	54.69 4.30 0.00	25.79 1.98 0.00	20.35 1.40 0.00	20.49 1.51 0.00	22.58 1.66 0.00	27.04 2.08 0.00	73.17 2.53 -42.53	29.57 2.29 0.00	25.80 2.04 0.00	25.08 1.89 0.00	23.18 1.67 0.00	21.04 1.54 0.00	19.44 1.47 0.00	26.59 1.77 -3.12	27.59 1.97 -0.04	29.78 2.11 -0.12	34.88 2.90 0.00	35.30 2.49 0.00	27.71 1.97 0.00	30.39 2.07 0.00	28.04 1.99 0.00	28.29 1.80 0.00	27.55 1.69 0.00
NORTHPORT___4 23650	47.12 3.51 -3.53	54.69 4.30 0.00	25.79 1.98 0.00	20.35 1.40 0.00	20.49 1.51 0.00	22.58 1.66 0.00	27.04 2.08 0.00	73.17 2.53 -42.53	29.57 2.29 0.00	25.80 2.04 0.00	25.08 1.89 0.00	23.18 1.67 0.00	21.04 1.54 0.00	19.44 1.47 0.00	26.59 1.77 -3.12	27.59 1.97 -0.04	29.78 2.11 -0.12	34.88 2.90 0.00	35.30 2.49 0.00	27.71 1.97 0.00	30.39 2.07 0.00	28.04 1.99 0.00	28.29 1.80 0.00	27.55 1.69 0.00
NORTHPORT___IC 23718	47.38 3.77 -3.53	54.86 4.48 0.00	25.86 2.05 0.00	20.39 1.44 0.00	20.57 1.59 0.00	22.66 1.74 0.00	27.22 2.26 0.00	73.39 2.76 -42.53	29.64 2.36 0.00	25.87 2.12 0.00	25.13 1.94 0.00	23.23 1.72 0.00	21.11 1.61 0.00	19.52 1.55 0.00	26.67 1.85 -3.12	27.76 2.15 -0.04	29.99 2.32 -0.12	35.11 3.13 0.00	35.52 2.71 0.00	27.87 2.13 0.00	30.56 2.24 0.00	28.15 2.10 0.00	28.41 1.92 0.00	27.67 1.80 0.00
NORTH___COUNTRY_ESR 323785	-25.63 -1.23 64.49	-26.45 -1.58 75.25	-24.43 -0.75 47.50	-24.06 -0.61 42.40	-24.06 -0.67 42.37	-25.33 -0.82 45.42	-26.27 -0.99 50.24	-25.44 -1.10 52.45	-27.22 -0.78 53.72	-27.24 -0.65 50.34	-25.06 -0.78 47.47	-24.19 -0.77 44.94	-24.04 -0.68 42.86	6.80 -0.54 10.63	21.21 -0.49 0.00	25.11 -0.47 0.00	6.65 -0.90 20.01	-24.96 -1.59 55.35	-26.45 -1.22 58.04	-25.47 -0.92 50.30	-25.18 -1.01 52.49	-24.51 -0.94 49.61	12.84 -0.76 12.88	25.87 0.00 0.00
NPX_GEN_1385_PROXY 323591	47.15 3.54 -3.53	54.57 4.18 0.00	25.72 1.90 0.00	20.12 1.18 0.00	20.48 1.50 0.00	22.41 1.49 0.00	27.00 2.04 0.00	73.34 2.70 -42.53	29.40 2.12 0.00	25.68 1.93 0.00	24.86 1.67 0.00	22.98 1.48 0.00	21.11 1.61 0.00	19.50 1.52 0.00	26.53 1.71 -3.12	27.47 1.85 -0.04	29.69 2.02 -0.12	35.09 3.11 0.00	35.15 2.34 0.00	27.57 1.83 0.00	30.27 1.95 0.00	27.85 1.80 0.00	28.16 1.68 0.00	27.64 1.77 0.00
NPX_GEN_CSC 323557	47.57 3.97 -3.53	55.05 4.67 0.00	25.94 2.12 0.00	20.46 1.52 0.00	20.63 1.64 0.00	22.79 1.86 0.00	27.33 2.37 0.00	73.44 2.81 -42.53	29.54 2.26 0.00	25.77 2.02 0.00	24.83 1.64 0.00	22.94 1.43 0.00	20.83 1.33 0.00	19.46 1.49 0.00	26.74 1.92 -3.12	28.00 2.38 -0.04	30.11 2.44 -0.12	34.86 2.88 0.00	35.34 2.53 0.00	27.77 2.03 0.00	30.40 2.08 0.00	28.12 2.08 0.00	28.42 1.94 0.00	27.75 1.88 0.00
NSINS_S_GLNS_FALLS 23858	41.66 1.57 0.00	52.25 1.87 0.00	24.71 0.89 0.00	19.67 0.73 0.00	19.77 0.79 0.00	21.87 0.95 0.00	26.19 1.22 0.00	29.54 1.43 0.00	28.33 1.05 0.00	24.86 1.11 0.00	24.22 1.04 0.00	22.34 0.83 0.00	20.22 0.72 0.00	18.66 0.68 0.00	22.71 1.01 0.00	26.96 1.38 0.00	29.15 1.61 0.00	34.21 2.23 0.00	34.80 1.99 0.00	27.16 1.42 0.00	29.80 1.48 0.00	27.45 1.41 0.00	27.69 1.21 0.00	27.13 1.26 0.00
NUCOR_STEEL___DRP 24197	40.23 -0.16 -0.30	50.77 -0.31 -0.69	23.67 -0.15 0.00	19.32 -0.10 -0.48	18.89 -0.09 0.00	20.92 0.00 0.00	25.05 0.08 0.00	28.22 0.12 0.00	27.26 -0.02 0.00	23.66 -0.10 0.00	23.36 0.18 0.00	21.55 0.04 0.00	19.63 0.13 0.00	18.13 0.16 0.00	21.79 0.09 0.00	25.76 0.18 0.00	27.84 0.29 0.00	32.54 0.56 0.00	33.02 0.21 0.00	26.01 0.27 0.00	28.65 0.32 0.00	26.34 0.30 0.00	26.73 0.25 0.00	25.99 0.13 0.00
NUMBER_THREE_WT_PWR 323818	41.09 -1.79 -2.80	51.32 -2.33 -3.27	24.77 -1.12 -2.07	19.94 -0.84 -1.84	19.94 -0.88 -1.84	21.93 -0.96 -1.97	24.69 -0.91 -0.64	29.55 -0.83 -2.28	28.92 -0.70 -2.33	25.15 -0.79 -2.19	23.94 -1.31 -2.06	22.16 -1.30 -1.95	20.17 -1.20 -1.86	17.35 -1.09 -0.46	20.40 -1.30 0.00	24.27 -1.31 0.00	27.26 -1.16 -0.87	33.13 -1.26 -2.40	34.08 -1.25 -2.52	26.93 -1.00 -2.18	29.44 -1.16 -2.28	27.09 -1.11 -2.16	25.94 -1.10 -0.56	25.01 -0.86 0.00
NYISO_LBMP_REFERENCE 24008	40.09 0.00 0.00	50.38 0.00 0.00	23.82 0.00 0.00	18.94 0.00 0.00	18.98 0.00 0.00	20.92 0.00 0.00	24.96 0.00 0.00	28.10 0.00 0.00	27.28 0.00 0.00	23.75 0.00 0.00	23.19 0.00 0.00	21.50 0.00 0.00	19.50 0.00 0.00	17.98 0.00 0.00	21.70 0.00 0.00	25.59 0.00 0.00	27.55 0.00 0.00	31.98 0.00 0.00	32.81 0.00 0.00	25.74 0.00 0.00	28.32 0.00 0.00	26.05 0.00 0.00	26.49 0.00 0.00	25.87 0.00 0.00
NYPA_BRENTWD___GT 24164	47.79 4.18 -3.53	55.38 5.00 0.00	26.10 2.29 0.00	20.59 1.65 0.00	20.76 1.78 0.00	22.91 1.99 0.00	27.54 2.57 0.00	73.77 3.13 -42.53	30.00 2.72 0.00	26.14 2.38 0.00	25.37 2.19 0.00	23.44 1.94 0.00	21.29 1.79 0.00	19.70 1.73 0.00	26.92 2.10 -3.12	28.12 2.50 -0.04	30.41 2.74 -0.12	35.59 3.60 0.00	36.04 3.23 0.00	28.28 2.54 0.00	30.99 2.67 0.00	28.52 2.48 0.00	28.76 2.27 0.00	27.97 2.10 0.00
NYPA_GOWANUS___GT5 24156	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NYPA_GOWANUS___GT6 24157	43.50 3.41 -0.01	54.64 4.25 -0.01	25.71 1.88 -0.01	20.71 1.37 -0.39	20.40 1.42 0.00	22.47 1.55 0.00	26.94 1.97 0.00	30.58 2.47 0.00	29.49 2.21 -0.01	102.40 1.93 -76.72	25.07 1.88 -0.01	23.24 1.73 -0.01	21.05 1.53 -0.02	19.34 1.36 0.00	24.16 1.54 -0.93	27.44 1.85 0.00	29.68 2.13 0.00	34.89 2.91 0.00	35.36 2.55 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.90 0.00	28.17 1.68 0.00	27.38 1.51 0.00

NYPA_HARLEM__RVR__GT1 24160	43.36 3.27 0.00	54.51 4.12 -0.01	25.73 1.91 -0.01	20.79 1.46 -0.40	20.47 1.49 0.00	22.58 1.66 0.00	26.93 1.97 0.00	30.58 2.48 0.00	29.48 2.20 0.00	25.68 1.92 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.06 1.54 -0.02	19.36 1.38 0.00	24.15 1.53 -0.92	27.41 1.83 0.00	29.64 2.09 0.01	34.84 2.87 0.01	35.31 2.51 0.00	27.67 1.93 0.00	30.31 1.99 0.00	27.90 1.86 0.00	28.06 1.58 0.00	27.35 1.48 0.00
NYPA_HARLEM__RVR__GT2 24161	43.36 3.27 0.00	54.51 4.12 -0.01	25.73 1.91 -0.01	20.79 1.46 -0.40	20.47 1.49 0.00	22.58 1.66 0.00	26.93 1.97 0.00	30.58 2.48 0.00	29.48 2.20 0.00	25.68 1.92 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.06 1.54 -0.02	19.36 1.38 0.00	24.15 1.53 -0.92	27.41 1.83 0.00	29.64 2.09 0.01	34.84 2.87 0.01	35.31 2.51 0.00	27.67 1.93 0.00	30.31 1.99 0.00	27.90 1.86 0.00	28.06 1.58 0.00	27.35 1.48 0.00
NYPA_KENT____GT 24152	43.51 3.42 -0.01	54.64 4.25 -0.01	25.73 1.91 -0.01	20.71 1.41 -0.36	20.44 1.46 0.00	22.53 1.60 0.00	26.96 2.00 0.00	30.61 2.50 0.00	29.54 2.25 -0.01	109.97 1.97 -84.25	25.10 1.91 -0.01	23.28 1.77 -0.01	21.08 1.56 -0.02	19.37 1.40 0.00	24.20 1.57 -0.93	27.47 1.89 0.00	29.72 2.17 0.00	34.93 2.95 0.00	35.39 2.58 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.91 0.00	28.17 1.68 0.00	27.38 1.51 0.00
NYPA_POUCH1____GT 24155	43.44 3.35 -0.01	54.53 4.14 -0.01	25.64 1.82 -0.01	20.66 1.32 -0.39	20.33 1.35 0.00	22.39 1.47 0.00	26.87 1.91 0.00	30.49 2.38 0.00	29.40 2.11 -0.01	102.30 1.83 -76.72	24.98 1.79 -0.01	23.16 1.65 -0.01	20.97 1.45 -0.02	19.27 1.29 0.00	24.08 1.46 -0.93	27.34 1.75 0.00	29.58 2.03 0.00	34.77 2.79 0.00	35.24 2.43 0.00	27.62 1.88 0.00	30.30 1.98 0.00	27.88 1.83 0.00	28.15 1.66 0.00	27.37 1.50 0.00
NYPA_VERNON____GT2 24162	43.52 3.43 -0.01	54.65 4.26 -0.01	25.75 1.93 -0.01	20.71 1.45 -0.32	20.48 1.50 0.00	22.57 1.65 0.00	26.99 2.02 0.00	30.65 2.54 0.00	29.57 2.29 -0.01	117.54 2.01 -91.78	25.15 1.96 -0.01	23.32 1.81 -0.01	21.11 1.59 -0.02	19.40 1.42 0.00	24.23 1.61 -0.93	27.51 1.93 0.00	29.76 2.21 0.00	34.97 2.99 0.00	35.44 2.62 0.00	27.76 2.02 0.00	30.41 2.09 0.00	27.97 1.92 0.00	28.16 1.68 0.00	27.38 1.51 0.00
NYPA_VERNON____GT3 24163	43.52 3.43 -0.01	54.65 4.26 -0.01	25.75 1.93 -0.01	20.71 1.45 -0.32	20.48 1.50 0.00	22.57 1.65 0.00	26.99 2.02 0.00	30.65 2.54 0.00	29.57 2.29 -0.01	117.54 2.01 -91.78	25.15 1.96 -0.01	23.32 1.81 -0.01	21.11 1.59 -0.02	19.40 1.42 0.00	24.23 1.61 -0.93	27.51 1.93 0.00	29.76 2.21 0.00	34.97 2.99 0.00	35.44 2.62 0.00	27.76 2.02 0.00	30.41 2.09 0.00	27.97 1.92 0.00	28.16 1.68 0.00	27.38 1.51 0.00
NYPA__ASTORIA_CC1 323568	43.52 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.03 0.00	30.66 2.55 0.00	29.59 2.30 -0.01	102.45 2.00 -76.69	25.15 1.96 -0.01	23.31 1.80 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.22 1.60 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
NYPA__ASTORIA_CC2 323569	43.52 3.42 -0.01	54.64 4.25 -0.01	25.75 1.93 -0.01	20.79 1.45 -0.40	20.48 1.50 0.00	22.58 1.65 0.00	27.00 2.03 0.00	30.66 2.55 0.00	29.59 2.30 -0.01	102.45 2.00 -76.69	25.15 1.96 -0.01	23.31 1.80 -0.01	21.11 1.58 -0.02	19.39 1.42 0.00	24.22 1.60 -0.93	27.49 1.91 0.00	29.74 2.19 0.00	34.96 2.97 0.00	35.41 2.60 0.00	27.74 2.00 0.00	30.39 2.07 0.00	27.95 1.91 0.00	28.14 1.66 0.00	27.37 1.50 0.00
NYPA__HOLTSVILL 23794	47.55 3.94 -3.53	55.07 4.69 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.65 0.00	22.78 1.86 0.00	27.36 2.40 0.00	73.56 2.92 -42.53	29.77 2.50 0.00	25.94 2.19 0.00	25.15 1.96 0.00	23.24 1.74 0.00	21.11 1.61 0.00	19.56 1.59 0.00	26.77 1.95 -3.12	27.95 2.33 -0.04	30.21 2.54 -0.12	35.25 3.26 0.00	35.71 2.90 0.00	28.05 2.31 0.00	30.73 2.41 0.00	28.30 2.26 0.00	28.54 2.05 0.00	27.79 1.92 0.00
NYPA__HELLGATE_GT1 24158	43.36 3.27 0.00	54.51 4.12 -0.01	25.73 1.91 -0.01	20.79 1.46 -0.40	20.47 1.49 0.00	22.58 1.66 0.00	26.93 1.97 0.00	30.61 2.50 0.00	29.49 2.20 0.00	25.68 1.92 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.06 1.54 -0.02	19.36 1.38 0.00	24.15 1.53 -0.92	27.41 1.83 0.00	29.64 2.09 0.01	34.82 2.85 0.01	35.30 2.49 0.00	27.67 1.93 0.00	30.31 1.99 0.00	27.90 1.86 0.00	28.06 1.58 0.00	27.35 1.48 0.00
NYPA__HELLGATE_GT2 24159	43.36 3.27 0.00	54.51 4.12 -0.01	25.73 1.91 -0.01	20.79 1.46 -0.40	20.47 1.49 0.00	22.58 1.66 0.00	26.93 1.97 0.00	30.61 2.50 0.00	29.49 2.20 0.00	25.68 1.92 0.00	25.07 1.89 0.01	23.26 1.75 0.00	21.06 1.54 -0.02	19.36 1.38 0.00	24.15 1.53 -0.92	27.41 1.83 0.00	29.64 2.09 0.01	34.82 2.85 0.01	35.30 2.49 0.00	27.67 1.93 0.00	30.31 1.99 0.00	27.90 1.86 0.00	28.06 1.58 0.00	27.35 1.48 0.00
NYS_BARGE__HYD 23848	35.41 -4.06 0.62	43.86 -5.12 1.40	21.42 -2.39 0.00	16.10 -1.87 0.96	16.96 -2.02 0.00	18.82 -2.10 0.00	22.32 -2.63 0.00	25.02 -3.09 0.00	24.35 -2.93 0.00	21.40 -2.35 0.00	21.76 -1.42 0.00	20.09 -1.42 0.00	18.35 -1.15 0.00	16.97 -1.00 0.00	20.43 -1.27 0.00	23.95 -1.63 0.00	25.48 -2.07 0.00	29.62 -2.35 0.00	30.27 -2.54 0.00	22.29 -1.79 1.66	23.74 -1.90 2.68	23.65 -1.91 0.48	24.64 -1.46 0.39	24.58 -1.29 0.00
OAK ORCHARD__HYD 24046	37.28 -2.30 0.51	46.23 -3.00 1.15	22.41 -1.40 0.00	17.06 -1.08 0.79	17.83 -1.15 0.00	19.76 -1.16 0.00	23.56 -1.40 0.00	26.48 -1.62 0.00	25.68 -1.60 0.00	22.41 -1.35 0.00	22.40 -0.79 0.00	20.71 -0.79 0.00	18.86 -0.64 0.00	17.42 -0.56 0.00	21.01 -0.68 0.00	24.73 -0.85 0.00	26.48 -1.07 0.00	30.84 -1.15 0.00	31.47 -1.34 0.00	23.97 -0.95 0.83	25.96 -1.03 1.34	24.75 -1.05 0.24	25.49 -0.80 0.19	25.09 -0.77 0.00
OAKDALE__35_KV_LOAD 356122	39.77 -0.32 0.00	49.98 -0.41 0.00	23.61 -0.21 0.00	18.78 -0.17 0.00	18.82 -0.16 0.00	20.80 -0.12 0.00	24.89 -0.07 0.00	28.08 -0.02 0.00	27.13 -0.15 0.00	23.58 -0.17 0.00	23.17 -0.02 0.00	21.49 -0.02 0.00	19.48 -0.02 0.00	17.95 -0.02 0.00	21.68 -0.02 0.00	25.52 -0.07 0.00	27.45 -0.10 0.00	32.09 0.11 0.00	32.67 -0.14 0.00	25.66 -0.09 0.00	28.20 -0.12 0.00	25.96 -0.08 0.00	26.44 -0.04 0.00	25.70 -0.17 0.00
OCC_CHEM__DRP 24175	34.49 -4.96 0.64	42.72 -6.23 1.44	20.86 -2.96 0.00	15.68 -2.27 0.99	16.54 -2.45 0.00	18.31 -2.61 0.00	21.68 -3.28 0.00	24.27 -3.83 0.00	23.64 -3.64 0.00	20.81 -2.94 0.00	21.19 -1.99 0.00	19.59 -1.91 0.00	17.93 -1.57 0.00	16.58 -1.39 0.00	19.94 -1.75 0.00	23.35 -2.24 0.00	24.77 -2.78 0.00	28.73 -3.25 0.00	29.36 -3.44 0.00	23.32 -2.42 0.00	25.84 -2.48 0.00	23.51 -2.53 0.00	24.39 -2.09 0.00	24.02 -1.84 0.00

OH_GEN_PROXY 24063	35.12 -4.33 0.63	43.45 -5.50 1.43	21.24 -2.58 0.00	15.94 -2.01 0.99	16.85 -2.14 0.00	18.66 -2.26 0.00	22.14 -2.82 0.00	24.79 -3.31 0.00	24.11 -3.16 0.00	21.20 -2.55 0.00	21.72 -1.63 -0.16	19.93 -1.57 0.00	18.21 -1.29 0.00	16.84 -1.14 0.00	20.29 -1.41 0.00	23.78 -1.81 0.00	33.30 -2.32 -8.07	29.29 -2.69 0.00	29.91 -2.90 0.00	21.83 -2.07 1.85	23.14 -2.21 2.97	23.35 -2.16 0.54	24.31 -1.75 0.43	24.27 -1.61 0.00
OLIN_CORP_DRP 24177	34.87 -4.57 0.64	43.22 -5.70 1.46	21.12 -2.69 0.00	15.82 -2.12 1.00	16.72 -2.27 0.00	18.52 -2.40 0.00	21.94 -3.02 0.00	24.57 -3.54 0.00	23.92 -3.36 0.00	21.04 -2.71 0.00	21.42 -1.77 0.00	19.78 -1.72 0.00	18.11 -1.39 0.00	16.74 -1.24 0.00	20.14 -1.56 0.00	23.59 -1.99 0.00	25.05 -2.50 0.00	29.09 -2.89 0.00	29.73 -3.08 0.00	23.53 -2.21 0.00	25.96 -2.36 0.00	23.76 -2.28 0.00	24.64 -1.84 0.00	24.24 -1.63 0.00
OLIN_CORP_DSASP 323712	34.48 -4.97 0.64	42.65 -6.29 1.44	20.86 -2.96 0.00	15.67 -2.28 0.99	16.53 -2.45 0.00	18.33 -2.59 0.00	21.70 -3.26 0.00	24.28 -3.82 0.00	23.65 -3.63 0.00	20.82 -2.93 0.00	21.21 -1.98 0.00	19.59 -1.91 0.00	17.92 -1.58 0.00	16.58 -1.39 0.00	19.95 -1.75 0.00	23.34 -2.24 0.00	24.77 -2.78 0.00	28.74 -3.24 0.00	29.38 -3.43 0.00	21.49 -2.42 1.83	22.91 -2.46 2.95	22.98 -2.53 0.54	23.98 -2.08 0.42	24.03 -1.84 0.00
ONEIDA_HERK_LFGE 323681	41.29 -0.13 -1.33	51.72 -0.22 -1.55	24.68 -0.11 -0.98	19.75 -0.07 -0.87	19.79 -0.07 -0.87	21.83 -0.03 -0.94	25.68 0.12 -0.60	29.43 0.24 -1.08	28.62 0.24 -1.11	24.85 0.05 -1.04	23.99 -0.17 -0.98	22.20 -0.23 -0.93	20.16 -0.22 -0.88	17.99 -0.21 -0.22	21.46 -0.24 0.00	25.45 -0.14 0.00	27.99 0.03 -0.41	33.30 0.18 -1.14	34.12 0.12 -1.20	26.86 0.08 -1.04	29.44 0.04 -1.08	27.06 0.00 -1.02	26.71 -0.04 -0.27	25.86 0.00 0.00
ONEIDA___115KV_TB4 55905	40.69 0.60 0.00	51.09 0.71 0.00	24.15 0.33 0.00	19.22 0.28 0.00	19.28 0.30 0.00	21.33 0.41 0.00	25.60 0.64 0.00	28.88 0.78 0.00	27.95 0.67 0.00	24.15 0.39 0.00	23.52 0.33 0.00	21.78 0.27 0.00	19.71 0.20 0.00	18.16 0.18 0.00	21.93 0.22 0.00	25.95 0.37 0.00	28.15 0.60 0.00	32.88 0.90 0.00	33.57 0.76 0.00	26.34 0.59 0.00	28.92 0.60 0.00	26.56 0.51 0.00	26.98 0.49 0.00	26.26 0.39 0.00
ONONDAGA_REF_OCCRA 23987	39.85 -0.46 -0.23	50.28 -0.63 -0.52	23.51 -0.31 0.00	19.08 -0.22 -0.36	18.77 -0.21 0.00	20.74 -0.18 0.00	24.79 -0.17 0.00	27.91 -0.20 0.00	26.99 -0.29 0.00	23.47 -0.28 0.00	23.01 -0.18 0.00	21.33 -0.17 0.00	19.36 -0.14 0.00	17.85 -0.13 0.00	21.52 -0.18 0.00	25.36 -0.23 0.00	27.35 -0.20 0.00	31.94 -0.04 0.00	32.60 -0.21 0.00	25.59 -0.15 0.00	28.14 -0.19 0.00	25.87 -0.17 0.00	26.37 -0.11 0.00	25.68 -0.19 0.00
ONONDAGA___COGEN 23986	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
ONTARIO___LFGE 23819	37.86 -0.92 1.31	46.09 -1.33 2.96	23.19 -0.63 0.00	16.43 -0.47 2.04	18.54 -0.45 0.00	20.57 -0.35 0.00	24.67 -0.29 0.00	27.88 -0.23 0.00	26.89 -0.39 0.00	23.30 -0.45 0.00	23.00 -0.18 0.00	21.28 -0.22 0.00	19.31 -0.19 0.00	17.80 -0.17 0.00	21.50 -0.19 0.00	25.29 -0.29 0.00	27.23 -0.32 0.00	31.84 -0.15 0.00	32.39 -0.42 0.00	25.60 -0.14 0.00	28.19 -0.14 0.00	25.95 -0.09 0.00	26.42 -0.06 0.00	25.66 -0.21 0.00
ORANGEVILLE_WT_PWR 323706	34.43 -4.98 0.67	42.66 -6.21 1.52	20.96 -2.86 0.00	15.70 -2.20 1.05	16.67 -2.31 0.00	18.49 -2.42 0.00	21.92 -3.04 0.00	24.50 -3.61 0.00	23.81 -3.47 0.00	21.03 -2.72 0.00	21.44 -1.74 0.00	19.82 -1.69 0.00	18.03 -1.48 0.00	16.66 -1.31 0.00	20.07 -1.63 0.00	23.59 -2.00 0.00	25.10 -2.44 0.00	29.29 -2.69 0.00	29.93 -2.88 0.00	21.76 -1.97 2.02	23.06 -2.00 3.25	23.45 -2.01 0.59	24.40 -1.62 0.47	24.36 -1.51 0.00
ORANGEVILLE___ESR 323794	34.43 -4.98 0.67	42.66 -6.21 1.52	20.96 -2.86 0.00	15.70 -2.20 1.05	16.67 -2.31 0.00	18.49 -2.42 0.00	21.92 -3.04 0.00	24.50 -3.61 0.00	23.81 -3.47 0.00	21.03 -2.72 0.00	21.44 -1.74 0.00	19.82 -1.69 0.00	18.03 -1.48 0.00	16.66 -1.31 0.00	20.07 -1.63 0.00	23.59 -2.00 0.00	25.10 -2.44 0.00	29.29 -2.69 0.00	29.93 -2.88 0.00	21.76 -1.97 2.02	23.06 -2.00 3.25	23.45 -2.01 0.59	24.40 -1.62 0.47	24.36 -1.51 0.00
OSWEGATCHIE___HYD 24044	45.09 -1.35 -6.35	56.05 -1.75 -7.42	27.66 -0.84 -4.68	22.46 -0.66 -4.18	22.41 -0.74 -4.17	24.45 -0.95 -4.48	24.77 -1.09 -0.90	32.15 -1.13 -5.17	31.61 -0.97 -5.29	27.83 -0.89 -4.96	26.69 -1.18 -4.68	24.78 -1.15 -4.43	22.68 -1.05 -4.22	18.09 -0.94 -1.05	20.61 -1.09 0.00	24.47 -1.11 0.00	28.37 -1.15 -1.97	35.84 -1.60 -5.45	37.10 -1.43 -5.72	29.57 -1.13 -4.96	32.32 -1.17 -5.17	29.85 -1.09 -4.89	26.77 -0.98 -1.27	25.29 -0.58 0.00
OSWEGO___5 23606	38.82 -1.27 0.00	48.77 -1.61 0.00	23.07 -0.75 0.00	18.37 -0.57 0.00	18.42 -0.57 0.00	20.32 -0.60 0.00	24.22 -0.74 0.00	27.22 -0.88 0.00	26.34 -0.94 0.00	22.92 -0.83 0.00	22.46 -0.72 0.00	20.85 -0.65 0.00	18.93 -0.57 0.00	17.45 -0.52 0.00	21.04 -0.65 0.00	24.77 -0.82 0.00	26.67 -0.88 0.00	31.08 -0.91 0.00	31.78 -1.04 0.00	24.94 -0.80 0.00	27.43 -0.89 0.00	25.23 -0.82 0.00	25.76 -0.72 0.00	25.13 -0.73 0.00
OSWEGO___6 23613	38.82 -1.27 0.00	48.77 -1.61 0.00	23.07 -0.75 0.00	18.37 -0.57 0.00	18.42 -0.57 0.00	20.32 -0.60 0.00	24.22 -0.74 0.00	27.22 -0.88 0.00	26.34 -0.94 0.00	22.92 -0.83 0.00	22.46 -0.72 0.00	20.85 -0.65 0.00	18.93 -0.57 0.00	17.45 -0.52 0.00	21.04 -0.65 0.00	24.77 -0.82 0.00	26.67 -0.88 0.00	31.08 -0.91 0.00	31.78 -1.04 0.00	24.94 -0.80 0.00	27.43 -0.89 0.00	25.23 -0.82 0.00	25.76 -0.72 0.00	25.13 -0.73 0.00
OUTOKUMPU-AB___DRP 24206	35.53 -3.91 0.65	43.99 -4.93 1.47	21.49 -2.32 0.00	16.15 -1.78 1.01	17.05 -1.93 0.00	18.91 -2.00 0.00	22.43 -2.53 0.00	25.13 -2.97 0.00	24.48 -2.80 0.00	21.51 -2.24 0.00	21.89 -1.30 0.00	20.21 -1.29 0.00	18.48 -1.02 0.00	17.08 -0.90 0.00	20.56 -1.14 0.00	24.10 -1.49 0.00	25.61 -1.94 0.00	29.79 -2.19 0.00	30.43 -2.38 0.00	24.10 -1.64 0.00	26.62 -1.70 0.00	24.30 -1.75 0.00	25.17 -1.32 0.00	24.69 -1.17 0.00
OXBOW___BTM 323836	35.12 -4.33 0.64	43.47 -5.46 1.46	21.23 -2.58 0.00	15.96 -1.98 1.00	16.84 -2.14 0.00	18.67 -2.25 0.00	22.13 -2.83 0.00	24.79 -3.31 0.00	24.14 -3.14 0.00	21.23 -2.53 0.00	21.61 -1.58 0.00	19.97 -1.54 0.00	18.26 -1.24 0.00	16.89 -1.09 0.00	20.32 -1.38 0.00	23.80 -1.79 0.00	25.27 -2.28 0.00	29.37 -2.61 0.00	30.00 -2.81 0.00	23.79 -1.95 0.00	26.32 -2.00 0.00	23.98 -2.06 0.00	24.86 -1.63 0.00	24.43 -1.44 0.00

OXBOW____ 24026	35.11 -4.33 0.64	43.43 -5.50 1.46	21.24 -2.58 0.00	15.95 -1.99 1.00	16.84 -2.14 0.00	18.69 -2.23 0.00	22.15 -2.81 0.00	24.79 -3.31 0.00	24.15 -3.13 0.00	21.24 -2.51 0.00	21.62 -1.57 0.00	19.97 -1.53 0.00	18.25 -1.25 0.00	16.89 -1.09 0.00	20.32 -1.38 0.00	23.79 -1.79 0.00	25.28 -2.27 0.00	29.38 -2.60 0.00	30.01 -2.80 0.00	21.95 -1.94 1.85	23.35 -1.98 2.99	23.44 -2.06 0.54	24.44 -1.62 0.43	24.44 -1.43 0.00
OXY_CHEM_DSASP 323612	34.49 -4.96 0.64	42.72 -6.23 1.44	20.86 -2.96 0.00	15.68 -2.27 0.99	16.54 -2.45 0.00	18.31 -2.61 0.00	21.68 -3.28 0.00	24.27 -3.83 0.00	23.64 -3.64 0.00	20.81 -2.94 0.00	21.19 -1.99 0.00	19.59 -1.91 0.00	17.93 -1.57 0.00	16.58 -1.39 0.00	19.94 -1.75 0.00	23.35 -2.24 0.00	24.77 -2.78 0.00	28.73 -3.25 0.00	29.36 -3.44 0.00	23.32 -2.42 0.00	25.84 -2.48 0.00	23.51 -2.53 0.00	24.39 -2.09 0.00	24.02 -1.84 0.00
OZONE_PARK_ESR 323760	43.74 3.66 0.00	54.89 4.50 0.00	25.85 2.04 0.00	20.48 1.54 0.00	20.57 1.59 0.00	22.67 1.75 0.00	27.15 2.19 0.00	30.84 2.73 0.00	29.73 2.45 0.00	25.90 2.15 0.00	25.27 2.09 0.00	23.44 1.93 0.00	21.23 1.71 -0.02	19.50 1.52 0.00	24.36 1.73 -0.93	27.65 2.07 0.00	29.91 2.36 0.00	35.16 3.18 0.00	35.60 2.79 0.00	27.92 2.18 0.00	30.58 2.26 0.00	28.11 2.07 0.00	28.30 1.82 0.00	27.50 1.63 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	34.49 -4.96 0.64	42.72 -6.23 1.44	20.86 -2.96 0.00	15.68 -2.27 0.99	16.54 -2.45 0.00	18.31 -2.61 0.00	21.68 -3.28 0.00	24.27 -3.83 0.00	23.64 -3.64 0.00	20.81 -2.94 0.00	21.19 -1.99 0.00	19.59 -1.91 0.00	17.93 -1.57 0.00	16.58 -1.39 0.00	19.94 -1.75 0.00	23.35 -2.24 0.00	24.77 -2.78 0.00	28.73 -3.25 0.00	29.36 -3.44 0.00	23.32 -2.42 0.00	25.84 -2.48 0.00	23.51 -2.53 0.00	24.39 -2.09 0.00	24.02 -1.84 0.00
PACKARD__115KV_DUPONT_184 80571	34.49 -4.96 0.64	42.72 -6.23 1.44	20.86 -2.96 0.00	15.68 -2.27 0.99	16.54 -2.45 0.00	18.31 -2.61 0.00	21.68 -3.28 0.00	24.27 -3.83 0.00	23.64 -3.64 0.00	20.81 -2.94 0.00	21.19 -1.99 0.00	19.59 -1.91 0.00	17.93 -1.57 0.00	16.58 -1.39 0.00	19.94 -1.75 0.00	23.35 -2.24 0.00	24.77 -2.78 0.00	28.73 -3.25 0.00	29.36 -3.44 0.00	23.32 -2.42 0.00	25.84 -2.48 0.00	23.51 -2.53 0.00	24.39 -2.09 0.00	24.02 -1.84 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	43.36 3.27 0.00	54.44 4.05 -0.01	25.69 1.87 -0.01	20.79 1.45 -0.40	20.47 1.48 0.00	22.56 1.64 0.00	26.91 1.94 0.00	30.57 2.46 0.00	29.47 2.18 0.00	25.65 1.90 0.00	25.03 1.84 0.00	23.21 1.70 0.00	21.01 1.49 -0.02	19.30 1.33 0.00	24.13 1.51 -0.93	27.38 1.79 0.00	29.61 2.06 0.00	34.80 2.82 0.00	35.26 2.45 0.00	27.64 1.90 0.00	30.28 1.95 0.00	27.86 1.81 0.00	28.04 1.55 0.00	27.30 1.43 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	43.57 3.48 0.00	54.59 4.20 -0.01	25.72 1.89 -0.01	20.84 1.51 -0.40	20.60 1.62 0.00	22.75 1.83 0.00	27.01 2.04 0.00	30.69 2.58 0.00	29.57 2.28 0.00	25.70 1.95 0.00	25.05 1.87 0.00	23.23 1.73 0.00	21.01 1.49 -0.02	19.30 1.33 0.00	24.13 1.51 -0.93	27.38 1.79 0.00	29.62 2.07 0.00	34.82 2.83 0.00	35.28 2.47 0.00	27.64 1.90 0.00	30.28 1.95 0.00	27.86 1.82 0.00	28.04 1.56 0.00	27.30 1.43 0.00
PATROON__115KV_TB1 80586	40.96 0.87 0.00	51.43 1.04 0.00	24.41 0.60 0.00	19.46 0.51 0.00	19.54 0.55 0.00	21.52 0.60 0.00	25.58 0.62 0.00	28.90 0.80 0.00	27.97 0.69 0.00	24.27 0.52 0.00	23.64 0.45 0.00	22.00 0.50 0.00	19.95 0.45 0.00	18.37 0.39 0.00	22.19 0.49 0.00	26.12 0.54 0.00	28.17 0.63 0.00	32.99 1.01 0.00	33.59 0.78 0.00	26.32 0.58 0.00	28.96 0.63 0.00	26.58 0.54 0.00	26.82 0.33 0.00	26.09 0.22 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	36.79 -2.58 0.72	45.39 -3.36 1.64	22.25 -1.56 0.00	16.62 -1.20 1.13	17.67 -1.31 0.00	19.55 -1.37 0.00	23.25 -1.71 0.00	26.06 -2.04 0.00	25.36 -1.93 0.00	22.27 -1.49 0.00	22.57 -0.62 0.00	20.89 -0.61 0.00	19.05 -0.45 0.00	17.59 -0.38 0.00	21.22 -0.48 0.00	24.94 -0.65 0.00	26.50 -1.04 0.00	30.83 -1.15 0.00	31.42 -1.38 0.00	24.85 -0.89 0.00	27.43 -0.89 0.00	25.08 -0.97 0.00	25.91 -0.58 0.00	25.33 -0.54 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	43.29 3.20 0.00	54.32 3.94 0.00	25.62 1.80 0.00	20.30 1.35 0.00	20.40 1.42 0.00	22.52 1.59 0.00	26.98 2.02 0.00	30.61 2.50 0.00	29.51 2.23 0.00	25.64 1.89 0.00	24.96 1.78 0.00	23.10 1.59 0.00	20.91 1.41 0.00	19.24 1.27 0.00	23.47 1.50 -0.27	27.41 1.82 0.00	29.65 2.10 0.00	34.86 2.88 0.00	35.39 2.58 0.00	27.71 1.97 0.00	30.38 2.06 0.00	27.94 1.89 0.00	28.15 1.67 0.00	27.34 1.47 0.00
PEEKSKILL____ 23653	42.91 2.82 0.00	53.87 3.48 0.00	25.40 1.59 0.00	20.11 1.17 0.00	20.18 1.20 0.00	22.24 1.32 0.00	26.64 1.68 0.00	30.20 2.10 0.00	29.13 1.85 0.00	25.35 1.59 0.00	24.74 1.55 0.00	22.92 1.41 0.00	20.73 1.23 0.00	19.07 1.10 0.00	24.06 1.26 -1.10	27.11 1.53 0.00	29.33 1.78 0.00	34.47 2.49 0.00	34.95 2.14 0.00	27.38 1.64 0.00	30.01 1.69 0.00	27.61 1.56 0.00	27.82 1.34 0.00	27.05 1.18 0.00
PGE MADISON__WINDPWR 24146	43.59 2.11 -1.38	56.07 2.55 -3.14	24.91 1.09 0.00	21.94 0.83 -2.16	19.80 0.82 0.00	22.11 1.19 0.00	26.81 1.85 0.00	30.36 2.25 0.00	29.16 1.88 0.00	24.94 1.18 0.00	24.29 1.11 0.00	22.56 1.06 0.00	20.40 0.90 0.00	18.84 0.86 0.00	22.87 1.17 0.00	27.24 1.65 0.00	29.52 1.98 0.00	34.55 2.57 0.00	35.15 2.34 0.00	28.10 1.91 -0.44	31.15 2.11 -0.72	28.05 1.87 -0.13	28.44 1.86 -0.10	27.24 1.38 0.00
PIERCEFIELD__HYD 23852	49.22 -0.20 -9.34	61.02 -0.26 -10.90	30.56 -0.14 -6.88	24.96 -0.13 -6.14	24.86 -0.26 -6.14	26.95 -0.55 -6.58	25.30 -0.82 -1.15	34.82 -0.88 -7.59	34.40 -0.66 -7.78	30.59 -0.45 -7.29	29.49 -0.57 -6.87	27.44 -0.57 -6.51	25.20 -0.51 -6.21	19.09 -0.43 -1.54	21.24 -0.46 0.00	25.14 -0.45 0.00	29.79 -0.65 -2.90	38.62 -1.38 -8.02	40.20 -1.01 -8.40	32.25 -0.78 -7.28	35.26 -0.66 -7.60	32.63 -0.59 -7.18	27.98 -0.37 -1.87	26.04 0.17 0.00
PINELAWN_CC_1 323563	47.55 3.94 -3.53	55.11 4.72 0.00	25.98 2.17 0.00	20.50 1.56 0.00	20.66 1.67 0.00	22.80 1.88 0.00	27.41 2.44 0.00	73.64 3.01 -42.53	29.89 2.61 0.00	26.03 2.28 0.00	25.29 2.11 0.00	23.37 1.86 0.00	21.21 1.71 0.00	19.61 1.63 0.00	26.79 1.97 -3.12	27.97 2.35 -0.04	30.29 2.62 -0.12	35.46 3.48 0.00	35.92 3.11 0.00	28.18 2.44 0.00	30.87 2.55 0.00	28.39 2.34 0.00	28.62 2.13 0.00	27.82 1.95 0.00
PJM_GEN_HTP_PROXY 323702	43.29 3.20 0.00	53.68 4.01 0.71	25.61 1.80 0.00	20.30 1.36 0.00	20.40 1.41 0.00	22.47 1.55 0.00	26.88 1.92 0.00	30.53 2.42 0.00	29.43 2.15 0.00	25.53 1.88 0.10	25.61 1.83 -0.60	23.19 1.69 0.00	21.01 1.49 -0.02	19.28 1.31 0.00	24.10 1.48 -0.93	27.35 1.76 0.00	28.73 2.02 0.83	34.77 2.78 0.00	35.21 2.40 0.00	27.59 1.85 0.00	30.23 1.91 0.00	27.81 1.76 0.00	28.00 1.52 0.00	27.21 1.35 0.00

PJM_GEN_KEYSTONE 24065	39.62 -0.03 0.44	48.59 -0.10 1.69	23.76 -0.05 0.00	18.18 -0.08 0.68	18.89 -0.09 0.00	20.87 -0.05 0.00	24.95 -0.01 0.00	28.15 0.05 0.00	27.21 -0.07 0.00	23.63 -0.02 0.10	24.13 0.34 -0.60	21.82 0.30 -0.01	19.63 0.26 0.13	18.21 0.23 0.00	20.20 0.24 1.74	25.87 0.28 0.00	26.94 0.22 0.83	32.51 0.53 0.00	32.97 0.16 0.00	24.15 0.15 1.74	25.65 0.13 2.80	25.63 0.09 0.51	26.23 0.15 0.40	25.93 0.06 0.00
PJM_GEN_NEPTUNE_PROXY 323594	46.92 3.31 -3.53	53.71 4.04 0.71	25.67 1.85 0.00	20.29 1.34 0.00	20.41 1.43 0.00	22.52 1.59 0.00	27.02 2.06 0.00	73.20 2.57 -42.53	29.48 2.20 0.00	25.58 1.93 0.10	25.61 1.82 -0.60	23.12 1.62 0.00	20.97 1.47 0.00	19.34 1.37 0.00	26.45 1.63 -3.12	27.56 1.94 -0.04	29.01 2.18 0.71	34.94 2.96 0.00	35.40 2.59 0.00	27.76 2.02 0.00	30.43 2.11 0.00	27.99 1.94 0.00	28.21 1.73 0.00	27.42 1.55 0.00
PJM_GEN_VFT_PROXY 323633	43.14 3.05 0.00	53.48 3.80 0.71	25.51 1.70 0.00	20.23 1.29 0.00	20.33 1.35 0.00	22.38 1.45 0.00	26.77 1.81 0.00	30.39 2.28 0.00	29.30 2.02 0.00	25.40 1.75 0.10	25.50 1.71 -0.60	23.09 1.58 0.00	20.93 1.41 -0.02	19.22 1.24 0.00	23.99 1.37 -0.93	27.23 1.64 0.00	28.62 1.91 0.83	34.63 2.65 0.00	35.07 2.27 0.00	27.48 1.74 0.00	30.10 1.78 0.00	27.68 1.63 0.00	27.86 1.37 0.00	27.08 1.22 0.00
PLATSBURG_115KV_PMLD1 355749	-21.20 -0.86 60.43	-21.22 -1.09 70.52	-21.18 -0.49 44.51	-21.18 -0.40 39.73	-21.25 -0.52 39.71	-22.32 -0.67 42.57	-23.51 -0.88 47.59	-21.97 -0.93 49.15	-23.73 -0.66 50.34	-24.00 -0.58 47.17	-21.98 -0.69 44.48	-21.32 -0.72 42.11	-21.31 -0.64 40.16	7.54 -0.48 9.96	21.33 -0.37 0.00	25.28 -0.31 0.00	8.03 -0.77 18.75	-21.33 -1.44 51.87	-22.73 -1.15 54.39	-22.25 -0.87 47.13	-21.83 -0.96 49.19	-21.33 -0.89 46.49	13.69 -0.72 12.07	26.07 0.20 0.00
PLEASANTVLY___LBMP 24000	42.57 2.48 0.00	53.42 3.04 0.00	25.21 1.40 0.00	19.99 1.05 0.00	20.07 1.09 0.00	22.12 1.20 0.00	26.44 1.48 0.00	29.98 1.87 0.00	28.91 1.63 0.00	25.16 1.40 0.00	24.52 1.33 0.00	22.72 1.22 0.00	20.57 1.07 0.00	18.91 0.94 0.00	23.16 1.10 -0.36	26.92 1.34 0.00	29.10 1.56 0.00	34.19 2.21 0.00	34.70 1.89 0.00	27.19 1.45 0.00	29.81 1.49 0.00	27.44 1.39 0.00	27.66 1.17 0.00	26.88 1.01 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	43.02 2.94 0.00	54.00 3.61 0.00	25.45 1.63 0.00	20.16 1.22 0.00	20.24 1.26 0.00	22.32 1.40 0.00	26.72 1.76 0.00	30.31 2.21 0.00	29.22 1.94 0.00	25.44 1.69 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.13 1.16 0.00	23.73 1.35 -0.69	27.19 1.61 0.00	29.41 1.86 0.00	34.57 2.59 0.00	35.06 2.25 0.00	27.46 1.72 0.00	30.10 1.78 0.00	27.70 1.65 0.00	27.91 1.42 0.00	27.11 1.25 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	43.02 2.94 0.00	54.00 3.61 0.00	25.45 1.63 0.00	20.16 1.22 0.00	20.24 1.26 0.00	22.32 1.40 0.00	26.72 1.76 0.00	30.31 2.21 0.00	29.22 1.94 0.00	25.44 1.69 0.00	24.82 1.63 0.00	22.99 1.48 0.00	20.80 1.30 0.00	19.13 1.16 0.00	23.73 1.35 -0.69	27.19 1.61 0.00	29.41 1.86 0.00	34.57 2.59 0.00	35.06 2.25 0.00	27.46 1.72 0.00	30.10 1.78 0.00	27.70 1.65 0.00	27.91 1.42 0.00	27.11 1.25 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	43.06 2.97 0.00	54.03 3.64 0.00	25.49 1.67 0.00	20.21 1.27 0.00	20.30 1.32 0.00	22.39 1.47 0.00	26.81 1.85 0.00	30.42 2.32 0.00	29.32 2.04 0.00	25.40 1.65 0.00	24.78 1.59 0.00	22.94 1.43 0.00	20.77 1.27 0.00	19.05 1.08 0.00	22.99 1.29 0.00	27.18 1.60 0.00	29.42 1.87 0.00	34.58 2.60 0.00	35.11 2.30 0.00	27.50 1.76 0.00	30.15 1.83 0.00	27.74 1.70 0.00	27.96 1.47 0.00	27.16 1.29 0.00
POLETTI_____ 23519	43.32 3.24 0.00	54.43 4.05 0.00	25.63 1.82 0.00	20.29 1.35 0.00	20.40 1.41 0.00	22.46 1.54 0.00	26.86 1.90 0.00	30.50 2.39 0.00	29.40 2.13 0.00	25.61 1.86 0.00	24.99 1.81 0.00	23.17 1.67 0.00	21.01 1.50 -0.02	19.29 1.32 0.00	24.10 1.48 -0.93	27.33 1.75 0.00	29.56 2.01 0.00	34.74 2.76 0.00	35.18 2.37 0.00	27.58 1.84 0.00	30.21 1.89 0.00	27.78 1.74 0.00	27.97 1.49 0.00	27.19 1.32 0.00
POMONA___ESR 323819	42.65 2.57 0.00	53.58 3.20 0.00	25.27 1.46 0.00	20.01 1.07 0.00	20.13 1.15 0.00	22.23 1.31 0.00	26.63 1.66 0.00	30.17 2.06 0.00	29.10 1.82 0.00	25.31 1.56 0.00	24.73 1.54 0.00	22.90 1.40 0.00	20.71 1.21 0.00	19.06 1.08 1.63	21.31 1.24 1.63	27.10 1.52 0.00	29.31 1.76 0.00	34.45 2.46 0.00	34.93 2.12 0.00	27.35 1.61 0.00	29.98 1.66 0.00	27.59 1.54 0.00	27.81 1.32 0.00	27.04 1.17 0.00
PORT_JEFF_3 23555	47.70 4.08 -3.53	55.24 4.85 0.00	26.03 2.22 0.00	20.53 1.59 0.00	20.70 1.71 0.00	22.85 1.93 0.00	27.46 2.50 0.00	73.67 3.03 -42.53	29.88 2.60 0.00	26.03 2.28 0.00	25.22 2.04 0.00	23.30 1.80 0.00	21.16 1.66 0.00	19.62 1.65 0.00	26.85 2.03 -3.12	28.05 2.43 -0.04	30.32 2.65 -0.12	35.33 3.35 0.00	35.86 3.05 0.00	28.16 2.42 0.00	30.85 2.53 0.00	28.41 2.37 0.00	28.62 2.13 0.00	27.84 1.98 0.00
PORT_JEFF_4 23616	47.70 4.08 -3.53	55.24 4.85 0.00	26.03 2.22 0.00	20.53 1.59 0.00	20.70 1.71 0.00	22.85 1.93 0.00	27.46 2.50 0.00	73.67 3.03 -42.53	29.88 2.60 0.00	26.03 2.28 0.00	25.22 2.04 0.00	23.30 1.80 0.00	21.16 1.66 0.00	19.62 1.65 0.00	26.85 2.03 -3.12	28.05 2.43 -0.04	30.32 2.65 -0.12	35.33 3.35 0.00	35.86 3.05 0.00	28.16 2.42 0.00	30.85 2.53 0.00	28.41 2.37 0.00	28.62 2.13 0.00	27.84 1.98 0.00
PORT_JEFF_IC 23713	47.70 4.09 -3.53	55.24 4.86 0.00	26.03 2.22 0.00	20.53 1.59 0.00	20.70 1.71 0.00	22.85 1.93 0.00	27.46 2.50 0.00	73.67 3.03 -42.53	29.88 2.60 0.00	26.03 2.28 0.00	25.22 2.03 0.00	23.30 1.79 0.00	21.15 1.65 0.00	19.62 1.65 0.00	26.86 2.04 -3.12	28.06 2.44 -0.04	30.33 2.65 -0.12	35.28 3.30 0.00	35.85 3.04 0.00	28.16 2.42 0.00	30.85 2.53 0.00	28.42 2.37 0.00	28.63 2.14 0.00	27.87 2.00 0.00
PPL PILGRIM_ST_GT1 24216	47.79 4.18 -3.53	55.38 5.00 0.00	26.10 2.29 0.00	20.59 1.65 0.00	20.76 1.78 0.00	22.91 1.99 0.00	27.54 2.57 0.00	73.77 3.13 -42.53	30.00 2.72 0.00	26.14 2.38 0.00	25.37 2.19 0.00	23.44 1.94 0.00	21.29 1.79 0.00	19.70 1.73 0.00	26.92 2.10 -3.12	28.12 2.50 -0.04	30.41 2.74 -0.12	35.59 3.60 0.00	36.04 3.23 0.00	28.28 2.54 0.00	30.99 2.67 0.00	28.52 2.48 0.00	28.76 2.27 0.00	27.97 2.10 0.00
PPL PILGRIM_ST_GT2 24217	47.79 4.18 -3.53	55.38 5.00 0.00	26.10 2.29 0.00	20.59 1.65 0.00	20.76 1.78 0.00	22.91 1.99 0.00	27.54 2.57 0.00	73.77 3.13 -42.53	30.00 2.72 0.00	26.14 2.38 0.00	25.37 2.19 0.00	23.44 1.94 0.00	21.29 1.79 0.00	19.70 1.73 0.00	26.92 2.10 -3.12	28.12 2.50 -0.04	30.41 2.74 -0.12	35.59 3.60 0.00	36.04 3.23 0.00	28.28 2.54 0.00	30.99 2.67 0.00	28.52 2.48 0.00	28.76 2.27 0.00	27.97 2.10 0.00

PPL_SHRM_GT3 24213	47.61 4.00 -3.53	55.09 4.70 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.66 0.00	22.80 1.88 0.00	27.36 2.39 0.00	73.47 2.84 -42.53	29.58 2.30 0.00	25.80 2.05 0.00	24.87 1.68 0.00	22.97 1.47 0.00	20.86 1.36 0.00	19.48 1.50 0.00	26.75 1.93 -3.12	28.00 2.38 -0.04	30.14 2.47 -0.12	34.92 2.94 0.00	35.39 2.58 0.00	27.80 2.06 0.00	30.45 2.13 0.00	28.16 2.11 0.00	28.44 1.96 0.00	27.77 1.90 0.00
PPL_SHRM_GT4 24214	47.61 4.00 -3.53	55.09 4.70 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.66 0.00	22.80 1.88 0.00	27.36 2.39 0.00	73.47 2.84 -42.53	29.58 2.30 0.00	25.80 2.05 0.00	24.87 1.68 0.00	22.97 1.47 0.00	20.86 1.36 0.00	19.48 1.50 0.00	26.75 1.93 -3.12	28.00 2.38 -0.04	30.14 2.47 -0.12	34.92 2.94 0.00	35.39 2.58 0.00	27.80 2.06 0.00	30.45 2.13 0.00	28.16 2.11 0.00	28.44 1.96 0.00	27.77 1.90 0.00
PROJECT___ORANGE 1 24174	39.31 -0.78 0.00	49.37 -1.01 0.00	23.34 -0.48 0.00	18.59 -0.35 0.00	18.64 -0.35 0.00	20.59 -0.33 0.00	24.58 -0.39 0.00	27.65 -0.46 0.00	26.76 -0.52 0.00	23.29 -0.46 0.00	22.85 -0.34 0.00	21.20 -0.31 0.00	19.24 -0.26 0.00	17.73 -0.24 0.00	21.38 -0.32 0.00	25.18 -0.41 0.00	27.13 -0.42 0.00	31.65 -0.33 0.00	32.32 -0.49 0.00	25.36 -0.38 0.00	27.89 -0.43 0.00	25.64 -0.40 0.00	26.16 -0.33 0.00	25.48 -0.39 0.00
PROJECT___ORANGE 2 24166	39.31 -0.78 0.00	49.37 -1.01 0.00	23.34 -0.48 0.00	18.59 -0.35 0.00	18.64 -0.35 0.00	20.59 -0.33 0.00	24.58 -0.39 0.00	27.65 -0.46 0.00	26.76 -0.52 0.00	23.29 -0.46 0.00	22.85 -0.34 0.00	21.20 -0.31 0.00	19.24 -0.26 0.00	17.73 -0.24 0.00	21.38 -0.32 0.00	25.18 -0.41 0.00	27.13 -0.42 0.00	31.65 -0.33 0.00	32.32 -0.49 0.00	25.36 -0.38 0.00	27.89 -0.43 0.00	25.64 -0.40 0.00	26.16 -0.33 0.00	25.48 -0.39 0.00
PUCKETT___SOLAR 323809	40.13 0.04 0.00	50.43 0.04 0.00	23.79 -0.02 0.00	18.92 -0.02 0.00	18.96 -0.02 0.00	20.99 0.07 0.00	25.20 0.23 0.00	28.45 0.35 0.00	27.41 0.13 0.00	23.72 -0.03 0.00	23.21 0.03 0.00	21.53 0.03 0.00	19.52 0.02 0.00	18.00 0.03 0.00	21.81 0.11 0.00	25.78 0.20 0.00	27.91 0.37 0.00	32.60 0.62 0.00	33.16 0.34 0.00	26.52 0.31 -0.46	29.38 0.31 -0.75	26.51 0.33 -0.13	26.97 0.37 -0.11	26.04 0.17 0.00
PYRITES___HYD 24023	49.18 0.77 -8.33	61.03 0.93 -9.72	30.37 0.42 -6.13	24.73 0.31 -5.48	24.64 0.19 -5.47	26.77 -0.02 -5.87	25.18 -0.10 -0.32	34.83 -0.05 -6.78	34.35 0.13 -6.94	30.46 0.21 -6.50	29.32 0.00 -6.13	27.26 -0.04 -5.80	25.03 0.00 -5.54	19.39 0.05 -1.37	21.81 0.11 0.00	25.88 0.30 0.00	30.42 0.28 -2.58	38.80 -0.33 -7.15	40.41 0.10 -7.50	32.26 0.03 -6.50	35.34 0.24 -6.78	32.72 0.27 -6.41	28.53 0.39 -1.66	26.68 0.81 0.00
QUAKERRD_115KV_BK1 80622	36.84 -2.78 0.47	45.76 -3.57 1.06	22.14 -1.67 0.00	16.91 -1.30 0.73	17.65 -1.34 0.00	19.53 -1.39 0.00	23.30 -1.66 0.00	26.22 -1.88 0.00	25.41 -1.87 0.00	22.15 -1.60 0.00	22.04 -1.14 0.00	20.41 -1.09 0.00	18.57 -0.93 0.00	17.13 -0.84 0.00	20.65 -1.05 0.00	24.31 -1.27 0.00	26.07 -1.48 0.00	30.35 -1.63 0.00	30.99 -1.82 0.00	24.39 -1.35 0.00	26.81 -1.51 0.00	24.60 -1.44 0.00	25.22 -1.27 0.00	24.62 -1.25 0.00
QUENSBRY_115KV_TB8 356137	41.64 1.55 0.00	52.22 1.84 0.00	24.70 0.89 0.00	19.67 0.73 0.00	19.78 0.80 0.00	21.89 0.97 0.00	26.21 1.25 0.00	29.57 1.47 0.00	28.33 1.05 0.00	24.89 1.14 0.00	24.25 1.06 0.00	22.36 0.85 0.00	20.23 0.73 0.00	18.67 0.70 0.00	22.73 1.03 0.00	27.01 1.43 0.00	29.22 1.67 0.00	34.29 2.31 0.00	34.87 2.06 0.00	27.20 1.46 0.00	29.82 1.50 0.00	27.47 1.43 0.00	27.71 1.23 0.00	27.17 1.30 0.00
RAMAPO___LBMP 323565	42.47 2.38 0.00	53.35 2.96 0.00	25.17 1.36 0.00	19.93 0.99 0.00	20.05 1.07 0.00	22.14 1.22 0.00	26.53 1.57 0.00	30.06 1.95 0.00	28.99 1.71 0.00	25.21 1.46 0.00	24.63 1.45 0.00	22.81 1.31 0.00	20.62 1.12 0.00	18.97 1.00 1.57	21.27 1.14 0.00	26.98 1.40 0.00	29.19 1.64 0.00	34.30 2.32 0.00	34.78 1.96 0.00	27.23 1.49 0.00	29.86 1.54 0.00	27.48 1.43 0.00	27.71 1.22 0.00	26.94 1.07 0.00
RANKINE____ 23646	35.78 -3.61 0.69	44.23 -4.58 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.22 -1.76 0.00	19.08 -1.84 0.00	22.66 -2.30 0.00	25.37 -2.74 0.00	24.69 -2.59 0.00	21.73 -2.02 0.00	22.08 -1.11 0.00	20.42 -1.09 0.00	18.63 -0.87 0.00	17.21 -0.76 0.00	20.74 -0.96 0.00	24.35 -1.24 0.00	25.86 -1.68 0.00	30.11 -1.87 0.00	30.73 -2.08 0.00	24.31 -1.43 0.00	26.84 -1.48 0.00	24.55 -1.49 0.00	25.39 -1.09 0.00	24.87 -1.00 0.00
RAVENSWOOD_GT2_1 24244	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.29 1.35 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.01 1.83 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.13 1.50 -0.93	27.38 1.79 0.00	29.61 2.06 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.63 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.03 1.55 0.00	27.24 1.38 0.00
RAVENSWOOD_GT2_2 24245	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.29 1.35 0.00	20.39 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.01 1.83 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.13 1.50 -0.93	27.38 1.79 0.00	29.61 2.06 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.63 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.03 1.55 0.00	27.24 1.38 0.00
RAVENSWOOD_GT2_3 24246	43.32 3.24 0.00	54.39 4.01 0.00	25.63 1.82 0.00	20.31 1.36 0.00	20.39 1.41 0.00	22.47 1.55 0.00	26.89 1.93 0.00	30.53 2.43 0.00	29.44 2.16 0.00	25.65 1.89 0.00	25.02 1.84 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.31 1.33 0.00	24.14 1.52 -0.93	27.39 1.80 0.00	29.62 2.07 0.00	34.81 2.83 0.00	35.27 2.46 0.00	27.64 1.89 0.00	30.28 1.96 0.00	27.85 1.81 0.00	28.05 1.56 0.00	27.25 1.39 0.00
RAVENSWOOD_GT2_4 24247	43.32 3.24 0.00	54.39 4.01 0.00	25.63 1.82 0.00	20.31 1.36 0.00	20.39 1.41 0.00	22.47 1.55 0.00	26.89 1.93 0.00	30.53 2.43 0.00	29.44 2.16 0.00	25.65 1.89 0.00	25.02 1.84 0.00	23.19 1.69 0.00	21.02 1.50 -0.02	19.31 1.33 0.00	24.14 1.52 -0.93	27.39 1.80 0.00	29.62 2.07 0.00	34.81 2.83 0.00	35.27 2.46 0.00	27.64 1.89 0.00	30.28 1.96 0.00	27.85 1.81 0.00	28.05 1.56 0.00	27.25 1.39 0.00
RAVENSWOOD_GT3_1 24248	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.29 1.35 0.00	20.39 1.41 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.01 1.83 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.13 1.50 -0.93	27.38 1.79 0.00	29.61 2.06 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.63 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.03 1.55 0.00	27.24 1.38 0.00



RAVENSWOOD_GT3_2 24249	43.32 3.23 0.00	54.39 4.01 0.00	25.62 1.80 0.00	20.29 1.35 0.00	20.39 1.41 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.52 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.01 1.83 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.13 1.50 -0.93	27.38 1.79 0.00	29.61 2.06 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.63 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.03 1.55 0.00	27.24 1.38 0.00
RAVENSWOOD_GT3_3 24250	43.36 3.28 0.00	54.44 4.06 0.00	25.66 1.84 0.00	20.32 1.38 0.00	20.41 1.43 0.00	22.49 1.57 0.00	26.92 1.96 0.00	30.57 2.46 0.00	29.48 2.20 0.00	25.68 1.92 0.00	25.06 1.87 0.00	23.23 1.72 0.00	21.05 1.53 -0.02	19.33 1.35 0.00	24.17 1.54 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.85 2.87 0.00	35.30 2.49 0.00	27.66 1.93 0.00	30.32 2.00 0.00	27.88 1.83 0.00	28.07 1.59 0.00	27.28 1.41 0.00
RAVENSWOOD_GT3_4 24251	43.36 3.28 0.00	54.44 4.06 0.00	25.66 1.84 0.00	20.32 1.38 0.00	20.41 1.43 0.00	22.49 1.57 0.00	26.92 1.96 0.00	30.57 2.46 0.00	29.48 2.20 0.00	25.68 1.92 0.00	25.06 1.87 0.00	23.23 1.72 0.00	21.05 1.53 -0.02	19.33 1.35 0.00	24.17 1.54 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.85 2.87 0.00	35.30 2.49 0.00	27.66 1.93 0.00	30.32 2.00 0.00	27.88 1.83 0.00	28.07 1.59 0.00	27.28 1.41 0.00
RAVENSWOOD_GT_1 23729	43.52 3.42 -0.01	54.65 4.25 -0.01	25.75 1.93 -0.01	20.70 1.45 -0.32	20.48 1.50 0.00	22.57 1.65 0.00	26.99 2.03 0.00	30.65 2.55 0.00	29.58 2.29 -0.01	117.55 2.02 -91.78	25.16 1.97 -0.01	23.32 1.81 -0.01	21.12 1.59 -0.02	19.40 1.42 0.00	24.24 1.61 -0.93	27.51 1.93 0.00	29.76 2.21 0.00	34.97 2.99 0.00	35.43 2.62 0.00	27.76 2.02 0.00	30.41 2.09 0.00	27.97 1.92 0.00	28.17 1.68 0.00	27.38 1.51 0.00
RAVENSWOOD_GT_10 24258	43.31 3.22 0.00	54.36 3.98 0.00	25.62 1.80 0.00	20.33 1.35 0.00	20.38 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.51 2.41 0.00	29.43 2.15 0.00	18.40 1.88 7.23	25.01 1.82 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.12 1.50 -0.93	27.37 1.79 0.00	29.59 2.04 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.62 1.88 0.00	30.26 1.94 0.00	27.83 1.78 0.00	28.03 1.54 0.00	27.24 1.37 0.00
RAVENSWOOD_GT_11 24259	43.31 3.22 0.00	54.36 3.98 0.00	25.62 1.80 0.00	20.33 1.35 -0.04	20.38 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.51 2.41 0.00	29.43 2.15 0.00	18.40 1.88 7.23	25.01 1.82 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.12 1.50 -0.93	27.37 1.79 0.00	29.59 2.04 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.62 1.88 0.00	30.26 1.94 0.00	27.83 1.78 0.00	28.03 1.54 0.00	27.24 1.37 0.00
RAVENSWOOD_GT_4 24252	43.28 3.19 0.00	54.35 3.96 0.00	25.60 1.78 0.00	20.52 1.34 -0.24	20.37 1.39 0.00	22.45 1.53 0.00	26.86 1.90 0.00	30.49 2.38 0.00	29.40 2.12 0.00	-22.07 1.86 47.68	24.99 1.80 0.00	23.16 1.66 0.00	21.00 1.48 -0.02	19.29 1.31 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.23 2.42 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.78 0.00	28.02 1.53 0.00	27.23 1.36 0.00
RAVENSWOOD_GT_5 24254	43.28 3.19 0.00	54.35 3.96 0.00	25.60 1.78 0.00	20.52 1.34 -0.24	20.37 1.39 0.00	22.45 1.53 0.00	26.86 1.90 0.00	30.49 2.38 0.00	29.40 2.12 0.00	-22.07 1.86 47.68	24.99 1.80 0.00	23.16 1.66 0.00	21.00 1.48 -0.02	19.29 1.31 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.23 2.42 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.78 0.00	28.02 1.53 0.00	27.23 1.36 0.00
RAVENSWOOD_GT_6 24253	43.28 3.19 0.00	54.35 3.96 0.00	25.60 1.78 0.00	20.52 1.34 -0.24	20.37 1.39 0.00	22.45 1.53 0.00	26.86 1.90 0.00	30.49 2.38 0.00	29.40 2.12 0.00	-22.07 1.86 47.68	24.99 1.80 0.00	23.16 1.66 0.00	21.00 1.48 -0.02	19.29 1.31 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.23 2.42 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.78 0.00	28.02 1.53 0.00	27.23 1.36 0.00
RAVENSWOOD_GT_7 24255	43.28 3.19 0.00	54.35 3.96 0.00	25.60 1.78 0.00	20.52 1.34 -0.24	20.37 1.39 0.00	22.45 1.53 0.00	26.86 1.90 0.00	30.49 2.38 0.00	29.40 2.12 0.00	-22.07 1.86 47.68	24.99 1.80 0.00	23.16 1.66 0.00	21.00 1.48 -0.02	19.29 1.31 0.00	24.12 1.49 -0.93	27.36 1.78 0.00	29.59 2.04 0.00	34.77 2.79 0.00	35.23 2.42 0.00	27.61 1.87 0.00	30.25 1.93 0.00	27.82 1.78 0.00	28.02 1.53 0.00	27.23 1.36 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	43.31 3.22 0.00	54.36 3.98 0.00	25.62 1.80 0.00	20.33 1.35 -0.04	20.38 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.51 2.41 0.00	29.43 2.15 0.00	18.40 1.88 7.23	25.01 1.82 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.12 1.50 -0.93	27.37 1.79 0.00	29.59 2.04 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.62 1.88 0.00	30.26 1.94 0.00	27.83 1.78 0.00	28.03 1.54 0.00	27.24 1.37 0.00
RAVENSWOOD_GT_9 24257	43.31 3.22 0.00	54.36 3.98 0.00	25.62 1.80 0.00	20.33 1.35 -0.04	20.38 1.40 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.51 2.41 0.00	29.43 2.15 0.00	18.40 1.88 7.23	25.01 1.82 0.00	23.18 1.68 0.00	21.01 1.49 -0.02	19.30 1.32 0.00	24.12 1.50 -0.93	27.37 1.79 0.00	29.59 2.04 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.62 1.88 0.00	30.26 1.94 0.00	27.83 1.78 0.00	28.03 1.54 0.00	27.24 1.37 0.00
RAVENSWOOD___1 23533	43.48 3.39 -0.01	54.59 4.20 -0.01	25.72 1.90 -0.01	20.84 1.43 -0.47	20.46 1.48 0.00	22.55 1.63 0.00	26.98 2.02 0.00	30.65 2.54 0.00	29.56 2.28 -0.01	87.40 1.98 -61.66	25.12 1.93 -0.01	23.27 1.77 -0.01	21.07 1.55 -0.02	19.36 1.38 0.00	24.19 1.56 -0.93	27.46 1.88 0.00	29.70 2.15 0.00	34.90 2.91 0.00	35.36 2.55 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.10 1.61 0.00	27.32 1.45 0.00
RAVENSWOOD___2 23534	43.48 3.39 -0.01	54.59 4.20 -0.01	25.72 1.90 -0.01	20.84 1.43 -0.47	20.46 1.48 0.00	22.55 1.63 0.00	26.98 2.02 0.00	30.65 2.54 0.00	29.56 2.28 -0.01	87.40 1.98 -61.66	25.12 1.93 -0.01	23.27 1.77 -0.01	21.07 1.55 -0.02	19.36 1.38 0.00	24.19 1.56 -0.93	27.46 1.88 0.00	29.70 2.15 0.00	34.90 2.91 0.00	35.36 2.55 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.10 1.61 0.00	27.32 1.45 0.00
RAVENSWOOD___3 23535	43.32 3.23 0.00	54.40 4.01 0.00	25.62 1.81 0.00	20.29 1.35 0.00	20.39 1.41 0.00	22.46 1.54 0.00	26.88 1.92 0.00	30.52 2.41 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.01 1.82 0.00	23.18 1.68 0.00	21.02 1.49 -0.02	19.30 1.32 0.00	24.12 1.50 -0.93	27.38 1.79 0.00	29.60 2.06 0.00	34.79 2.81 0.00	35.25 2.44 0.00	27.62 1.88 0.00	30.26 1.94 0.00	27.83 1.79 0.00	28.03 1.55 0.00	27.24 1.37 0.00

RAVENSWOOD___4 23820	43.48 3.39 -0.01	54.59 4.20 -0.01	25.72 1.90 -0.01	20.84 1.43 -0.47	20.46 1.48 0.00	22.55 1.63 0.00	26.98 2.02 0.00	30.65 2.54 0.00	29.56 2.28 -0.01	87.40 1.98 -61.66	25.12 1.93 -0.01	23.27 1.77 -0.01	21.07 1.55 -0.02	19.36 1.38 0.00	24.19 1.56 -0.93	27.46 1.88 0.00	29.70 2.15 0.00	34.90 2.91 0.00	35.36 2.55 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.10 1.61 0.00	27.32 1.45 0.00
RCPI_TRUST___DRP 24196	43.40 3.31 0.00	54.49 4.11 0.00	25.67 1.85 0.00	20.34 1.40 0.00	20.44 1.46 0.00	22.52 1.60 0.00	26.95 1.99 0.00	30.61 2.50 0.00	29.50 2.22 0.00	25.70 1.95 0.00	25.08 1.90 0.00	23.25 1.74 0.00	21.05 1.54 -0.02	19.33 1.36 0.00	24.17 1.54 -0.93	27.42 1.83 0.00	29.65 2.10 0.00	34.85 2.86 0.00	35.30 2.48 0.00	27.66 1.92 0.00	30.30 1.98 0.00	27.86 1.81 0.00	28.07 1.58 0.00	27.27 1.40 0.00
RED___ROCHESTER 323720	37.52 -2.06 0.50	46.54 -2.71 1.14	22.55 -1.27 0.00	17.18 -0.98 0.78	17.94 -1.04 0.00	19.88 -1.04 0.00	23.72 -1.24 0.00	26.68 -1.43 0.00	25.87 -1.41 0.00	22.56 -1.19 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.98 -0.52 0.00	17.52 -0.45 0.00	21.15 -0.55 0.00	24.90 -0.69 0.00	26.67 -0.88 0.00	31.07 -0.91 0.00	31.72 -1.09 0.00	24.15 -0.76 0.84	26.13 -0.84 1.35	24.93 -0.88 0.24	25.65 -0.64 0.19	25.23 -0.63 0.00
REGAN___SOLAR 323812	43.97 3.89 0.00	55.16 4.77 0.00	26.00 2.18 0.00	20.65 1.71 0.00	20.75 1.76 0.00	22.99 2.07 0.00	27.65 2.69 0.00	31.27 3.17 0.00	29.93 2.65 0.00	25.22 1.47 0.00	24.15 0.96 0.00	22.30 0.80 0.00	20.11 0.60 0.00	18.53 0.56 0.00	22.61 0.91 0.00	27.66 2.07 0.00	30.69 3.14 0.00	35.77 3.79 0.00	36.57 3.76 0.00	28.74 3.00 0.00	31.56 3.24 0.00	28.93 2.88 0.00	29.37 2.88 0.00	28.54 2.67 0.00
RENSSELAER___COGEN 23796	40.80 0.71 0.00	51.24 0.85 0.00	24.32 0.51 0.00	19.39 0.45 0.00	19.47 0.48 0.00	21.43 0.51 0.00	25.47 0.51 0.00	28.77 0.66 0.00	27.83 0.55 0.00	24.16 0.40 0.00	23.51 0.32 0.00	21.89 0.39 0.00	19.84 0.34 0.00	18.27 0.30 0.00	22.07 0.37 0.00	25.98 0.39 0.00	28.01 0.46 0.00	32.81 0.83 0.00	33.42 0.61 0.00	26.18 0.44 0.00	28.81 0.49 0.00	26.45 0.41 0.00	26.69 0.20 0.00	25.97 0.10 0.00
REPUBLIC_115KV_BARTNBRK 55605	42.76 2.67 0.00	53.56 3.18 0.00	25.34 1.52 0.00	20.25 1.31 0.00	20.31 1.33 0.00	22.53 1.61 0.00	27.20 2.23 0.00	30.74 2.64 0.00	29.37 2.09 0.00	25.56 1.81 0.00	24.83 1.65 0.00	22.91 1.41 0.00	20.74 1.24 0.00	19.16 1.19 0.00	23.55 1.85 0.00	28.19 2.61 0.00	30.64 3.09 0.00	36.08 4.09 0.00	36.46 3.64 0.00	28.26 2.52 0.00	30.81 2.49 0.00	28.15 2.10 0.00	28.39 1.90 0.00	27.82 1.95 0.00
REVERE_CPPR_DRP 24186	40.90 0.81 0.00	51.33 0.94 0.00	24.26 0.44 0.00	19.31 0.37 0.00	19.36 0.37 0.00	21.42 0.50 0.00	25.75 0.79 0.00	29.06 0.95 0.00	28.15 0.87 0.00	24.31 0.55 0.00	23.61 0.42 0.00	21.81 0.31 0.00	19.74 0.23 0.00	18.18 0.21 0.00	21.98 0.29 0.00	26.08 0.50 0.00	28.32 0.77 0.00	33.08 1.10 0.00	33.78 0.97 0.00	26.51 0.76 0.00	29.10 0.78 0.00	26.72 0.67 0.00	27.12 0.64 0.00	26.42 0.55 0.00
REYNOLDS_115KV_TB3 80639	41.10 1.02 0.00	51.56 1.17 0.00	24.46 0.64 0.00	19.48 0.53 0.00	19.55 0.56 0.00	21.54 0.62 0.00	25.63 0.67 0.00	28.98 0.87 0.00	28.00 0.72 0.00	24.30 0.55 0.00	23.68 0.49 0.00	22.02 0.51 0.00	19.94 0.44 0.00	18.36 0.39 0.00	22.21 0.51 0.00	26.16 0.57 0.00	28.18 0.63 0.00	33.03 1.05 0.00	33.63 0.82 0.00	26.34 0.60 0.00	29.01 0.69 0.00	26.64 0.59 0.00	26.86 0.38 0.00	26.13 0.26 0.00
RIVERBAY____ 323610	43.57 3.48 0.00	54.59 4.20 -0.01	25.72 1.89 -0.01	20.84 1.51 -0.40	20.60 1.62 0.00	22.75 1.83 0.00	27.01 2.04 0.00	30.69 2.58 0.00	29.57 2.28 0.00	25.70 1.95 0.00	25.05 1.87 0.00	23.23 1.73 0.00	21.01 1.49 -0.02	19.30 1.33 0.00	24.13 1.51 -0.93	27.38 1.79 0.00	29.62 2.07 0.00	34.82 2.83 0.00	35.28 2.47 0.00	27.64 1.90 0.00	30.28 1.95 0.00	27.86 1.82 0.00	28.04 1.56 0.00	27.30 1.43 0.00
RIVERSDE_115KV_TB3 55908	40.97 0.88 0.00	51.41 1.02 0.00	24.40 0.58 0.00	19.44 0.50 0.00	19.52 0.54 0.00	21.51 0.58 0.00	25.57 0.60 0.00	28.89 0.79 0.00	27.94 0.66 0.00	24.25 0.49 0.00	23.61 0.42 0.00	21.98 0.47 0.00	19.92 0.42 0.00	18.34 0.36 0.00	22.16 0.46 0.00	26.09 0.50 0.00	28.13 0.58 0.00	32.95 0.97 0.00	33.56 0.75 0.00	26.28 0.54 0.00	28.93 0.61 0.00	26.56 0.52 0.00	26.79 0.30 0.00	26.06 0.19 0.00
ROARING___BROOK_WT_PWR 323790	38.75 -1.34 0.00	48.70 -1.68 0.00	23.04 -0.78 0.00	18.31 -0.63 0.00	18.34 -0.64 0.00	20.17 -0.75 0.00	12.78 -0.89 11.29	27.11 -1.00 0.00	26.39 -0.89 0.00	23.01 -0.74 0.00	22.38 -0.80 0.00	20.78 -0.73 0.00	18.85 -0.65 0.00	17.40 -0.57 0.00	20.98 -0.71 0.00	24.73 -0.86 0.00	26.59 -0.96 0.00	30.68 -1.30 0.00	31.63 -1.18 0.00	24.84 -0.90 0.00	27.41 -0.91 0.00	25.20 -0.85 0.00	25.75 -0.73 0.00	25.48 -0.38 0.00
ROCHESRG_115KV_T4 355643	37.13 -2.47 0.49	46.08 -3.19 1.11	22.32 -1.50 0.00	17.02 -1.16 0.76	17.76 -1.22 0.00	19.66 -1.26 0.00	23.43 -1.53 0.00	26.34 -1.76 0.00	25.55 -1.73 0.00	22.29 -1.46 0.00	22.29 -0.90 0.00	20.63 -0.88 0.00	18.80 -0.70 0.00	17.35 -0.63 0.00	20.92 -0.78 0.00	24.62 -0.97 0.00	26.33 -1.22 0.00	30.65 -1.33 0.00	31.30 -1.52 0.00	24.64 -1.10 0.00	27.13 -1.19 0.00	24.87 -1.17 0.00	25.56 -0.93 0.00	24.98 -0.89 0.00
ROCHESTER_9_IC 23652	37.33 -2.25 0.50	46.33 -2.92 1.14	22.44 -1.37 0.00	17.10 -1.07 0.78	17.86 -1.12 0.00	19.78 -1.14 0.00	23.58 -1.38 0.00	26.53 -1.58 0.00	25.72 -1.56 0.00	22.43 -1.32 0.00	22.43 -0.76 0.00	20.75 -0.75 0.00	18.90 -0.60 0.00	17.44 -0.53 0.00	21.04 -0.66 0.00	24.77 -0.81 0.00	26.52 -1.03 0.00	30.87 -1.11 0.00	31.52 -1.29 0.00	24.82 -0.92 0.00	27.31 -1.01 0.00	25.03 -1.02 0.00	25.71 -0.78 0.00	25.11 -0.75 0.00
ROCKVIEW_13_KV_LD 356306	43.21 3.12 0.00	54.25 3.87 0.00	25.57 1.75 0.00	20.23 1.29 0.00	20.31 1.32 0.00	22.38 1.46 0.00	26.83 1.87 0.00	30.44 2.33 0.00	29.35 2.07 0.00	25.56 1.81 0.00	24.94 1.75 0.00	23.10 1.59 0.00	20.91 1.41 0.00	19.24 1.26 0.00	24.08 1.45 -0.93	27.33 1.75 0.00	29.56 2.01 0.00	34.74 2.76 0.00	35.22 2.41 0.00	27.61 1.86 0.00	30.24 1.92 0.00	27.81 1.77 0.00	28.02 1.53 0.00	27.23 1.36 0.00
ROME____115KV_TB2 80656	40.90 0.81 0.00	51.33 0.94 0.00	24.26 0.44 0.00	19.31 0.37 0.00	19.36 0.37 0.00	21.42 0.50 0.00	25.75 0.79 0.00	29.06 0.95 0.00	28.15 0.87 0.00	24.31 0.55 0.00	23.61 0.42 0.00	21.81 0.31 0.00	19.74 0.23 0.00	18.18 0.21 0.00	21.98 0.29 0.00	26.08 0.50 0.00	28.32 0.77 0.00	33.08 1.10 0.00	33.78 0.97 0.00	26.51 0.76 0.00	29.10 0.78 0.00	26.72 0.67 0.00	27.12 0.64 0.00	26.42 0.55 0.00

ROSETON___1 23587	42.51 2.42 0.00	53.38 2.99 0.00	25.19 1.37 0.00	19.96 1.02 0.00	20.05 1.07 0.00	22.11 1.19 0.00	26.45 1.48 0.00	29.97 1.87 0.00	28.91 1.63 0.00	25.15 1.40 0.00	24.53 1.35 0.00	22.73 1.23 0.00	20.57 1.07 0.00	18.92 0.95 0.00	22.80 1.10 0.00	26.91 1.33 0.00	29.09 1.54 0.00	34.16 2.18 0.00	34.67 1.86 0.00	27.16 1.42 0.00	29.78 1.46 0.00	27.41 1.36 0.00	27.64 1.15 0.00	26.86 1.00 0.00
ROSETON___2 23588	42.51 2.42 0.00	53.38 2.99 0.00	25.19 1.37 0.00	19.96 1.02 0.00	20.05 1.07 0.00	22.11 1.19 0.00	26.45 1.48 0.00	29.97 1.87 0.00	28.91 1.63 0.00	25.15 1.40 0.00	24.53 1.35 0.00	22.73 1.23 0.00	20.57 1.07 0.00	18.92 0.95 0.00	22.80 1.10 0.00	26.91 1.33 0.00	29.09 1.54 0.00	34.16 2.18 0.00	34.67 1.86 0.00	27.16 1.42 0.00	29.78 1.46 0.00	27.41 1.36 0.00	27.64 1.15 0.00	26.86 1.00 0.00
ROTTTRDAM_115KV_TB3 80664	41.27 1.18 0.00	51.87 1.49 0.00	24.51 0.69 0.00	19.49 0.54 0.00	19.56 0.57 0.00	21.58 0.65 0.00	25.78 0.81 0.00	29.10 1.00 0.00	28.12 0.84 0.00	24.46 0.71 0.00	23.85 0.66 0.00	22.09 0.58 0.00	20.01 0.51 0.00	18.43 0.46 0.00	22.29 0.59 0.00	26.35 0.76 0.00	28.43 0.88 0.00	33.25 1.27 0.00	33.92 1.11 0.00	26.57 0.83 0.00	29.20 0.88 0.00	26.86 0.81 0.00	27.17 0.69 0.00	26.48 0.61 0.00
RUSSELL___1 23602	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
RUSSELL___2 23532	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
RUSSELL___3 23549	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
RUSSELL___4 23556	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
RUSSELL___STATION 23914	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
S SALMON___HYD 24043	38.52 -1.56 0.00	48.36 -2.02 0.00	22.87 -0.95 0.00	18.22 -0.73 0.00	18.26 -0.72 0.00	20.14 -0.78 0.00	23.61 -0.89 0.46	27.11 -0.99 0.00	26.24 -1.04 0.00	22.72 -1.03 0.00	22.15 -1.04 0.00	20.55 -0.96 0.00	18.63 -0.87 0.00	17.18 -0.79 0.00	20.75 -0.95 0.00	24.49 -1.09 0.00	26.50 -1.05 0.00	30.92 -1.06 0.00	31.63 -1.18 0.00	24.82 -0.92 0.00	27.30 -1.02 0.00	25.12 -0.92 0.00	25.63 -0.86 0.00	25.02 -0.84 0.00
S.PERRY__115KV_TB1 80734	36.69 -1.37 2.02	43.87 -1.93 4.59	22.87 -0.95 0.00	15.06 -0.73 3.16	18.27 -0.71 0.00	20.32 -0.60 0.00	24.43 -0.54 0.00	27.72 -0.38 0.00	26.65 -0.63 0.00	22.83 -0.93 0.00	22.48 -0.71 0.00	20.82 -0.69 0.00	18.92 -0.58 0.00	17.44 -0.53 0.00	21.08 -0.62 0.00	24.90 -0.68 0.00	27.12 -0.43 0.00	31.87 -0.11 0.00	32.55 -0.26 0.00	25.66 -0.08 0.00	28.15 -0.17 0.00	26.00 -0.05 0.00	26.56 0.08 0.00	25.66 -0.21 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	35.47 -3.96 0.66	43.86 -5.03 1.49	21.46 -2.36 0.00	16.09 -1.83 1.03	17.03 -1.95 0.00	18.86 -2.06 0.00	22.39 -2.58 0.00	25.07 -3.03 0.00	24.41 -2.87 0.00	21.47 -2.29 0.00	21.83 -1.35 0.00	20.19 -1.32 0.00	18.45 -1.05 0.00	17.04 -0.93 0.00	20.54 -1.16 0.00	24.08 -1.51 0.00	25.57 -1.98 0.00	29.72 -2.27 0.00	30.35 -2.46 0.00	24.01 -1.73 0.00	26.51 -1.82 0.00	24.24 -1.80 0.00	25.09 -1.39 0.00	24.60 -1.27 0.00
SAWYER___23_KV_LOAD 55526	35.47 -3.96 0.66	43.86 -5.03 1.49	21.46 -2.36 0.00	16.09 -1.83 1.03	17.03 -1.95 0.00	18.86 -2.06 0.00	22.39 -2.58 0.00	25.07 -3.03 0.00	24.41 -2.87 0.00	21.47 -2.29 0.00	21.83 -1.35 0.00	20.19 -1.32 0.00	18.45 -1.05 0.00	17.04 -0.93 0.00	20.54 -1.16 0.00	24.08 -1.51 0.00	25.57 -1.98 0.00	29.72 -2.27 0.00	30.35 -2.46 0.00	24.01 -1.73 0.00	26.51 -1.82 0.00	24.24 -1.80 0.00	25.09 -1.39 0.00	24.60 -1.27 0.00
SELKIRK___I 23801	41.13 1.05 0.00	51.68 1.30 0.00	24.49 0.67 0.00	19.51 0.57 0.00	19.57 0.58 0.00	21.56 0.64 0.00	25.66 0.70 0.00	28.95 0.85 0.00	28.00 0.73 0.00	24.28 0.53 0.00	23.66 0.47 0.00	22.01 0.51 0.00	19.96 0.46 0.00	18.39 0.41 0.00	22.23 0.53 0.00	26.21 0.62 0.00	28.26 0.71 0.00	33.07 1.08 0.00	33.71 0.90 0.00	26.42 0.68 0.00	29.07 0.75 0.00	26.70 0.65 0.00	26.98 0.49 0.00	26.27 0.40 0.00
SELKIRK___II 23799	40.98 0.89 0.00	51.50 1.11 0.00	24.40 0.58 0.00	19.43 0.48 0.00	19.50 0.51 0.00	21.48 0.56 0.00	25.57 0.60 0.00	28.88 0.78 0.00	27.93 0.65 0.00	24.25 0.50 0.00	23.62 0.44 0.00	21.97 0.46 0.00	19.91 0.41 0.00	18.33 0.36 0.00	22.14 0.44 0.00	26.09 0.50 0.00	28.14 0.59 0.00	32.95 0.96 0.00	33.56 0.76 0.00	26.30 0.56 0.00	28.93 0.61 0.00	26.58 0.54 0.00	26.85 0.36 0.00	26.13 0.26 0.00
SENECA OSWGO___HYD 24041	38.87 -1.22 0.00	48.83 -1.55 0.00	23.10 -0.72 0.00	18.40 -0.54 0.00	18.45 -0.53 0.00	20.37 -0.55 0.00	24.30 -0.66 0.00	27.32 -0.78 0.00	26.42 -0.87 0.00	22.95 -0.80 0.00	22.47 -0.71 0.00	20.85 -0.65 0.00	18.93 -0.57 0.00	17.46 -0.52 0.00	21.07 -0.63 0.00	24.82 -0.77 0.00	26.76 -0.79 0.00	31.22 -0.76 0.00	31.91 -0.90 0.00	25.04 -0.70 0.00	27.54 -0.78 0.00	25.32 -0.73 0.00	25.83 -0.65 0.00	25.18 -0.68 0.00

SENECA___115KV_TB3 355854	35.85 -3.55 0.69	44.30 -4.52 1.57	21.71 -2.10 0.00	16.24 -1.62 1.08	17.25 -1.73 0.00	19.11 -1.81 0.00	22.70 -2.26 0.00	25.42 -2.69 0.00	24.74 -2.53 0.00	21.76 -1.99 0.00	22.12 -1.07 0.00	20.45 -1.05 0.00	18.67 -0.84 0.00	17.24 -0.73 0.00	20.78 -0.92 0.00	24.39 -1.20 0.00	25.92 -1.63 0.00	30.16 -1.82 0.00	30.79 -2.02 0.00	24.36 -1.39 0.00	26.89 -1.43 0.00	24.60 -1.44 0.00	25.43 -1.05 0.00	24.90 -0.96 0.00
SENECA___ENERGY 23797	38.87 -0.93 0.29	48.42 -1.31 0.66	23.19 -0.62 0.00	18.02 -0.47 0.45	18.52 -0.46 0.00	20.53 -0.39 0.00	24.62 -0.34 0.00	27.75 -0.35 0.00	26.82 -0.46 0.00	23.24 -0.52 0.00	22.95 -0.23 0.00	21.21 -0.30 0.00	19.26 -0.24 0.00	17.78 -0.19 0.00	21.43 -0.27 0.00	25.24 -0.34 0.00	27.22 -0.33 0.00	31.83 -0.15 0.00	32.39 -0.42 0.00	25.52 -0.22 0.00	28.11 -0.21 0.00	25.85 -0.19 0.00	26.31 -0.18 0.00	25.58 -0.29 0.00
SHOEMAKER___GT 23640	42.09 2.00 0.00	52.90 2.52 0.00	24.96 1.15 0.00	19.79 0.85 0.00	19.89 0.90 0.00	21.95 1.03 0.00	26.27 1.31 0.00	29.74 1.63 0.00	28.70 1.42 0.00	24.94 1.19 0.00	24.32 1.14 0.00	22.51 1.00 0.00	20.36 0.86 0.00	18.73 0.76 0.00	21.53 0.89 1.06	26.71 1.12 0.00	28.88 1.34 0.00	33.90 1.92 0.00	34.44 1.63 0.00	26.98 1.24 0.00	29.60 1.28 0.00	27.24 1.20 0.00	27.50 1.01 0.00	26.75 0.88 0.00
SHOEMAKR_138KV_BK 111 55601	42.09 2.01 0.00	52.89 2.51 0.00	24.96 1.15 0.00	19.79 0.85 0.00	19.88 0.90 0.00	21.95 1.02 0.00	26.27 1.31 0.00	29.74 1.63 0.00	28.69 1.41 0.00	24.95 1.19 0.00	24.34 1.15 0.00	22.52 1.02 0.00	20.38 0.88 0.00	18.75 0.78 0.00	21.59 0.91 1.02	26.72 1.13 0.00	28.89 1.34 0.00	33.90 1.92 0.00	34.44 1.63 0.00	26.99 1.24 0.00	29.60 1.28 0.00	27.24 1.20 0.00	27.50 1.01 0.00	26.74 0.88 0.00
SHOREHAM_IC_1 23715	47.61 4.00 -3.53	55.09 4.70 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.66 0.00	22.80 1.88 0.00	27.36 2.39 0.00	73.47 2.84 -42.53	29.58 2.30 0.00	25.80 2.05 0.00	24.87 1.68 0.00	22.97 1.47 0.00	20.86 1.36 0.00	19.48 1.50 0.00	26.75 1.93 -3.12	28.00 2.38 -0.04	30.14 2.47 -0.12	34.92 2.94 0.00	35.39 2.58 0.00	27.80 2.06 0.00	30.45 2.13 0.00	28.16 2.11 0.00	28.44 1.96 0.00	27.77 1.90 0.00
SHOREHAM_IC_2 23716	47.61 4.00 -3.53	55.09 4.70 0.00	25.95 2.14 0.00	20.47 1.53 0.00	20.64 1.66 0.00	22.80 1.88 0.00	27.36 2.39 0.00	73.47 2.84 -42.53	29.58 2.30 0.00	25.80 2.05 0.00	24.87 1.68 0.00	22.97 1.47 0.00	20.86 1.36 0.00	19.48 1.50 0.00	26.75 1.93 -3.12	28.00 2.38 -0.04	30.14 2.47 -0.12	34.92 2.94 0.00	35.39 2.58 0.00	27.80 2.06 0.00	30.45 2.13 0.00	28.16 2.11 0.00	28.44 1.96 0.00	27.77 1.90 0.00
SISSONVILLE____ 23735	49.22 -0.20 -9.34	61.02 -0.26 -10.90	30.56 -0.14 -6.88	24.96 -0.13 -6.14	24.86 -0.26 -6.14	26.95 -0.55 -6.58	25.30 -0.82 -1.15	34.82 -0.88 -7.59	34.40 -0.66 -7.78	30.59 -0.45 -7.29	29.49 -0.57 -6.87	27.44 -0.57 -6.51	25.20 -0.51 -6.21	19.09 -0.43 -1.54	21.24 -0.46 0.00	25.14 -0.45 0.00	29.79 -0.65 -2.90	38.62 -1.38 -8.02	40.20 -1.01 -8.40	32.25 -0.78 -7.28	35.26 -0.66 -7.60	32.63 -0.59 -7.18	27.98 -0.37 -1.87	26.04 0.17 0.00
SITHE_IND_GS1 24169	38.54 -1.55 0.00	48.39 -1.99 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.69 0.00	20.17 -0.75 0.00	24.01 -0.95 0.00	26.96 -1.15 0.00	26.13 -1.15 0.00	22.76 -1.00 0.00	22.30 -0.89 0.00	20.70 -0.81 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.89 -0.81 0.00	24.57 -1.02 0.00	26.45 -1.10 0.00	30.80 -1.18 0.00	31.51 -1.30 0.00	24.73 -1.01 0.00	27.20 -1.13 0.00	25.02 -1.03 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
SITHE_IND_GS2 24170	38.54 -1.55 0.00	48.39 -1.99 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.69 0.00	20.17 -0.75 0.00	24.01 -0.95 0.00	26.96 -1.15 0.00	26.13 -1.15 0.00	22.76 -1.00 0.00	22.30 -0.89 0.00	20.70 -0.81 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.89 -0.81 0.00	24.57 -1.02 0.00	26.45 -1.10 0.00	30.80 -1.18 0.00	31.51 -1.30 0.00	24.73 -1.01 0.00	27.20 -1.13 0.00	25.02 -1.03 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
SITHE_IND_GS3 24171	38.54 -1.55 0.00	48.39 -1.99 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.69 0.00	20.17 -0.75 0.00	24.01 -0.95 0.00	26.96 -1.15 0.00	26.13 -1.15 0.00	22.76 -1.00 0.00	22.30 -0.89 0.00	20.70 -0.81 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.89 -0.81 0.00	24.57 -1.02 0.00	26.45 -1.10 0.00	30.80 -1.18 0.00	31.51 -1.30 0.00	24.73 -1.01 0.00	27.20 -1.13 0.00	25.02 -1.03 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
SITHE_IND_GS4 24172	38.54 -1.55 0.00	48.39 -1.99 0.00	22.90 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.69 0.00	20.17 -0.75 0.00	24.01 -0.95 0.00	26.96 -1.15 0.00	26.13 -1.15 0.00	22.76 -1.00 0.00	22.30 -0.89 0.00	20.70 -0.81 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.89 -0.81 0.00	24.57 -1.02 0.00	26.45 -1.10 0.00	30.80 -1.18 0.00	31.51 -1.30 0.00	24.73 -1.01 0.00	27.20 -1.13 0.00	25.02 -1.03 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
SITHE___BATAVIA 24024	37.31 -2.21 0.58	46.19 -2.89 1.30	22.47 -1.35 0.00	17.00 -1.05 0.90	17.83 -1.15 0.00	19.82 -1.10 0.00	23.65 -1.31 0.00	26.62 -1.49 0.00	25.85 -1.42 0.00	22.51 -1.24 0.00	22.57 -0.62 0.00	20.71 -0.79 0.00	18.88 -0.62 0.00	17.46 -0.52 0.00	21.03 -0.67 0.00	24.78 -0.80 0.00	26.54 -1.01 0.00	30.93 -1.05 0.00	31.57 -1.23 0.00	23.54 -0.79 1.40	25.19 -0.86 2.26	24.66 -0.98 0.41	25.55 -0.61 0.33	25.33 -0.54 0.00
SITHE___INDEPEND 23800	38.54 -1.55 0.00	48.40 -1.99 0.00	22.89 -0.92 0.00	18.25 -0.69 0.00	18.29 -0.69 0.00	20.17 -0.76 0.00	24.01 -0.95 0.00	26.96 -1.15 0.00	26.12 -1.15 0.00	22.75 -1.00 0.00	22.29 -0.89 0.00	20.70 -0.81 0.00	18.80 -0.70 0.00	17.33 -0.64 0.00	20.88 -0.82 0.00	24.56 -1.02 0.00	26.45 -1.10 0.00	30.80 -1.18 0.00	31.50 -1.30 0.00	24.73 -1.01 0.00	27.20 -1.13 0.00	25.02 -1.02 0.00	25.58 -0.90 0.00	24.97 -0.90 0.00
SITHE___MASSENA 23902	42.10 0.28 -1.73	52.79 0.39 -2.02	25.27 0.17 -1.27	20.20 0.12 -1.14	20.18 0.06 -1.14	22.09 -0.05 -1.22	19.66 -0.15 5.15	29.33 -0.19 -1.41	28.72 0.00 -1.44	25.25 0.15 -1.35	24.49 0.03 -1.27	22.71 0.01 -1.21	20.67 0.02 -1.15	18.32 0.05 -0.28	21.80 0.10 0.00	25.75 0.16 0.00	28.15 0.06 -0.54	32.96 -0.50 -1.49	34.21 -0.16 -1.55	27.00 -0.09 -1.35	29.81 0.09 -1.41	27.47 0.09 -1.33	27.05 0.22 -0.34	26.34 0.47 0.00
SITHE___OGDNSBRG 24021	47.28 0.81 -6.38	58.85 1.02 -7.45	28.97 0.45 -4.70	23.48 0.34 -4.20	23.42 0.25 -4.19	25.52 0.10 -4.50	23.71 0.05 1.30	33.39 0.09 -5.19	32.86 0.26 -5.32	29.04 0.31 -4.98	27.98 0.10 -4.70	26.01 0.05 -4.44	23.82 0.08 -4.24	19.15 0.12 -1.05	21.89 0.19 0.00	25.95 0.36 0.00	29.90 0.37 -1.98	37.24 -0.21 -5.48	38.77 0.21 -5.74	30.87 0.15 -4.98	33.88 0.36 -5.20	31.33 0.37 -4.91	28.25 0.49 -1.28	26.71 0.84 0.00

SITHE___STERLING 23777	40.69 0.60 0.00	51.09 0.71 0.00	24.15 0.33 0.00	19.22 0.28 0.00	19.27 0.30 0.00	21.33 0.41 0.00	25.60 0.64 0.00	28.88 0.78 0.00	27.95 0.67 0.00	24.15 0.39 0.00	23.52 0.33 0.00	21.78 0.27 0.00	19.71 0.21 0.00	18.16 0.18 0.00	21.93 0.22 0.00	25.95 0.37 0.00	28.14 0.59 0.00	32.88 0.90 0.00	33.57 0.76 0.00	26.34 0.59 0.00	28.92 0.60 0.00	26.56 0.51 0.00	26.98 0.50 0.00	26.26 0.39 0.00
SLEIGHT__34_KV_TB1 80719	38.11 -1.68 0.29	47.50 -2.22 0.66	22.77 -1.04 0.00	17.68 -0.80 0.46	18.16 -0.83 0.00	20.12 -0.80 0.00	24.06 -0.90 0.00	27.12 -0.99 0.00	26.25 -1.03 0.00	22.84 -0.91 0.00	22.67 -0.52 0.00	20.96 -0.54 0.00	19.06 -0.44 0.00	17.59 -0.39 0.00	21.19 -0.51 0.00	24.98 -0.60 0.00	26.84 -0.71 0.00	31.31 -0.67 0.00	31.93 -0.88 0.00	25.11 -0.63 0.00	27.61 -0.72 0.00	25.33 -0.72 0.00	25.90 -0.58 0.00	25.24 -0.63 0.00
SOUTH CAIRO___GT 23612	42.36 2.27 0.00	53.11 2.73 0.00	25.17 1.35 0.00	20.07 1.13 0.00	20.15 1.16 0.00	22.24 1.32 0.00	26.53 1.57 0.00	29.98 1.88 0.00	29.00 1.72 0.00	24.88 1.13 0.00	24.07 0.88 0.00	22.32 0.82 0.00	20.22 0.72 0.00	18.64 0.67 0.00	22.66 0.97 0.00	26.88 1.29 0.00	29.24 1.69 0.00	34.35 2.37 0.00	34.99 2.18 0.00	27.44 1.70 0.00	30.17 1.85 0.00	27.63 1.59 0.00	27.84 1.36 0.00	27.04 1.17 0.00
SOUTH HAMPTN___IC 23720	48.05 4.44 -3.53	55.65 5.27 0.00	26.21 2.40 0.00	20.67 1.73 0.00	20.85 1.87 0.00	23.05 2.13 0.00	27.68 2.72 0.00	73.86 3.23 -42.53	29.96 2.68 0.00	26.10 2.35 0.00	25.17 1.98 0.00	23.24 1.74 0.00	21.09 1.59 0.00	19.67 1.69 0.00	26.98 2.16 -3.12	28.29 2.67 -0.04	30.51 2.84 -0.12	35.40 3.42 0.00	35.88 3.07 0.00	28.19 2.45 0.00	30.86 2.54 0.00	28.50 2.45 0.00	28.77 2.29 0.00	28.08 2.21 0.00
SOUTHDOW_115KV_TB1 355954	36.46 -2.85 0.78	44.87 -3.74 1.78	22.20 -1.62 0.00	16.45 -1.27 1.22	17.57 -1.41 0.00	19.53 -1.39 0.00	23.42 -1.54 0.00	26.07 -2.03 0.00	25.54 -1.74 0.00	22.80 -0.96 0.00	23.12 -0.07 0.00	21.36 -0.15 0.00	19.43 -0.07 0.00	17.90 -0.08 0.00	21.63 -0.07 0.00	25.47 -0.12 0.00	26.99 -0.57 0.00	31.44 -0.55 0.00	32.03 -0.78 0.00	25.27 -0.47 0.00	27.99 -0.33 0.00	25.59 -0.46 0.00	26.43 -0.05 0.00	25.80 -0.07 0.00
SOUTHOLD_69_KV_BK 2 55809	48.62 5.01 -3.53	56.33 5.95 0.00	26.54 2.72 0.00	20.93 1.99 0.00	21.11 2.13 0.00	23.35 2.43 0.00	28.08 3.12 0.00	74.33 3.69 -42.53	30.40 3.12 0.00	26.44 2.69 0.00	25.48 2.30 0.00	23.52 2.01 0.00	21.34 1.83 0.00	19.89 1.91 0.00	27.26 2.44 -3.12	28.66 3.04 -0.04	30.96 3.29 -0.12	35.96 3.98 0.00	36.43 3.62 0.00	28.63 2.89 0.00	31.31 2.99 0.00	28.89 2.85 0.00	29.16 2.68 0.00	28.48 2.61 0.00
SOUTHOLD___IC 23719	48.62 5.00 -3.53	56.33 5.95 0.00	26.54 2.72 0.00	20.93 1.99 0.00	21.11 2.13 0.00	23.35 2.43 0.00	28.08 3.12 0.00	74.32 3.69 -42.53	30.40 3.12 0.00	26.44 2.69 0.00	25.48 2.30 0.00	23.52 2.01 0.00	21.34 1.84 0.00	19.89 1.91 0.00	27.26 2.44 -3.12	28.66 3.04 -0.04	30.96 3.29 -0.12	35.96 3.98 0.00	36.43 3.62 0.00	28.63 2.88 0.00	31.32 2.99 0.00	28.90 2.85 0.00	29.16 2.68 0.00	28.48 2.61 0.00
SOUTH_FORK_WT_PWR 323839	48.63 5.01 -3.53	56.35 5.97 0.00	26.54 2.72 0.00	20.93 1.99 0.00	21.12 2.14 0.00	23.36 2.43 0.00	28.08 3.12 0.00	74.33 3.70 -42.53	30.40 3.12 0.00	26.44 2.69 0.00	25.48 2.29 0.00	23.51 2.01 0.00	21.33 1.83 0.00	19.89 1.91 0.00	27.25 2.43 -3.12	28.66 3.04 -0.04	30.96 3.28 -0.12	35.94 3.96 0.00	36.42 3.61 0.00	28.61 2.87 0.00	31.31 2.99 0.00	28.90 2.85 0.00	29.16 2.68 0.00	28.51 2.64 0.00
SPIERFLS_115KV_TB 1 80737	41.40 1.32 0.00	51.95 1.56 0.00	24.56 0.74 0.00	19.54 0.60 0.00	19.65 0.67 0.00	21.74 0.82 0.00	26.01 1.05 0.00	29.33 1.23 0.00	28.11 0.83 0.00	24.75 0.99 0.00	24.12 0.94 0.00	22.24 0.74 0.00	20.13 0.63 0.00	18.58 0.60 0.00	22.57 0.87 0.00	26.80 1.22 0.00	28.98 1.43 0.00	34.00 2.02 0.00	34.60 1.79 0.00	27.01 1.27 0.00	29.64 1.32 0.00	27.34 1.29 0.00	27.58 1.09 0.00	27.05 1.18 0.00
ST LAWRENCE____ 23600	39.88 -0.21 0.00	50.17 -0.22 0.00	23.71 -0.11 0.00	18.84 -0.10 0.00	18.83 -0.16 0.00	20.67 -0.25 0.00	18.08 -0.32 6.56	27.71 -0.39 0.00	27.08 -0.20 0.00	23.67 -0.08 0.00	22.99 -0.20 0.00	21.31 -0.19 0.00	19.33 -0.17 0.00	17.85 -0.12 0.00	21.57 -0.13 0.00	25.47 -0.12 0.00	27.32 -0.23 0.00	31.26 -0.72 0.00	32.42 -0.39 0.00	25.47 -0.27 0.00	28.11 -0.21 0.00	25.87 -0.17 0.00	26.41 -0.07 0.00	26.00 0.13 0.00
STATE_CA_115KV_115_LB 55624	40.96 0.87 0.00	51.43 1.04 0.00	24.41 0.60 0.00	19.46 0.51 0.00	19.54 0.56 0.00	21.52 0.60 0.00	25.58 0.62 0.00	28.91 0.80 0.00	27.97 0.69 0.00	24.27 0.52 0.00	23.64 0.45 0.00	22.00 0.50 0.00	19.95 0.45 0.00	18.37 0.40 0.00	22.19 0.50 0.00	26.13 0.54 0.00	28.17 0.63 0.00	32.99 1.01 0.00	33.60 0.79 0.00	26.32 0.58 0.00	28.96 0.63 0.00	26.59 0.54 0.00	26.82 0.33 0.00	26.09 0.22 0.00
STATE_ST_34_KV_LOAD 55959	40.16 -0.17 -0.24	50.62 -0.32 -0.54	23.66 -0.16 0.00	19.22 -0.10 -0.38	18.89 -0.09 0.00	20.92 0.00 0.00	25.05 0.09 0.00	28.23 0.13 0.00	27.28 0.00 0.00	23.66 -0.09 0.00	23.35 0.17 0.00	21.55 0.04 0.00	19.62 0.12 0.00	18.12 0.14 0.00	21.79 0.09 0.00	25.75 0.16 0.00	27.82 0.27 0.00	32.52 0.54 0.00	33.01 0.20 0.00	26.01 0.27 0.00	28.63 0.31 0.00	26.34 0.29 0.00	26.74 0.25 0.00	25.99 0.12 0.00
STATION 5_MISC_HYD 23604	37.35 -2.24 0.50	46.33 -2.92 1.14	22.45 -1.37 0.00	17.10 -1.06 0.78	17.86 -1.12 0.00	19.79 -1.13 0.00	23.59 -1.36 0.00	26.53 -1.57 0.00	25.73 -1.55 0.00	22.44 -1.31 0.00	22.43 -0.76 0.00	20.76 -0.75 0.00	18.89 -0.61 0.00	17.45 -0.53 0.00	21.04 -0.66 0.00	24.77 -0.82 0.00	26.52 -1.03 0.00	30.88 -1.10 0.00	31.53 -1.28 0.00	24.00 -0.91 0.84	25.98 -1.00 1.35	24.78 -1.02 0.24	25.52 -0.77 0.19	25.12 -0.75 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	38.14 -1.40 0.55	47.26 -1.88 1.24	22.93 -0.89 0.00	17.41 -0.67 0.85	18.29 -0.69 0.00	20.27 -0.65 0.00	24.25 -0.72 0.00	27.35 -0.75 0.00	26.47 -0.81 0.00	23.02 -0.73 0.00	22.86 -0.33 0.00	21.15 -0.35 0.00	19.23 -0.27 0.00	17.72 -0.25 0.00	21.36 -0.33 0.00	25.18 -0.41 0.00	27.05 -0.50 0.00	31.55 -0.43 0.00	32.16 -0.65 0.00	25.33 -0.41 0.00	27.92 -0.40 0.00	25.63 -0.42 0.00	26.20 -0.28 0.00	25.52 -0.35 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	37.27 -2.32 0.50	46.25 -3.00 1.13	22.40 -1.41 0.00	17.07 -1.10 0.78	17.84 -1.14 0.00	19.76 -1.16 0.00	23.56 -1.40 0.00	26.49 -1.61 0.00	25.69 -1.59 0.00	22.40 -1.35 0.00	22.35 -0.83 0.00	20.67 -0.83 0.00	18.82 -0.68 0.00	17.40 -0.58 0.00	20.99 -0.71 0.00	24.71 -0.87 0.00	26.47 -1.08 0.00	30.82 -1.16 0.00	31.46 -1.35 0.00	24.77 -0.98 0.00	27.24 -1.08 0.00	24.97 -1.08 0.00	25.62 -0.86 0.00	25.02 -0.85 0.00

STA_56___34_KV_BUS2 355983	37.27 -2.32 0.50	46.25 -3.00 1.13	22.40 -1.41 0.00	17.07 -1.10 0.78	17.84 -1.14 0.00	19.76 -1.16 0.00	23.56 -1.40 0.00	26.49 -1.61 0.00	25.69 -1.59 0.00	22.40 -1.35 0.00	22.35 -0.83 0.00	20.67 -0.83 0.00	18.82 -0.68 0.00	17.40 -0.58 0.00	20.99 -0.71 0.00	24.71 -0.87 0.00	26.47 -1.08 0.00	30.82 -1.16 0.00	31.46 -1.35 0.00	24.77 -0.98 0.00	27.24 -1.08 0.00	24.97 -1.08 0.00	25.62 -0.86 0.00	25.02 -0.85 0.00
STA_67___115KV_BK2 355882	37.24 -2.34 0.50	46.23 -3.02 1.13	22.40 -1.42 0.00	17.06 -1.10 0.78	17.83 -1.16 0.00	19.73 -1.19 0.00	23.53 -1.43 0.00	26.46 -1.65 0.00	25.65 -1.63 0.00	22.38 -1.37 0.00	22.38 -0.81 0.00	20.70 -0.81 0.00	18.86 -0.64 0.00	17.41 -0.57 0.00	21.00 -0.70 0.00	24.71 -0.87 0.00	26.45 -1.10 0.00	30.79 -1.19 0.00	31.43 -1.37 0.00	24.76 -0.99 0.00	27.24 -1.08 0.00	24.97 -1.08 0.00	25.66 -0.83 0.00	25.06 -0.81 0.00
STA_7___115KV_9TRANS 80674	37.52 -2.07 0.50	46.55 -2.70 1.14	22.55 -1.27 0.00	17.17 -0.99 0.78	17.94 -1.04 0.00	19.88 -1.05 0.00	23.71 -1.25 0.00	26.67 -1.43 0.00	25.86 -1.42 0.00	22.55 -1.20 0.00	22.54 -0.64 0.00	20.85 -0.65 0.00	18.99 -0.51 0.00	17.52 -0.45 0.00	21.14 -0.56 0.00	24.89 -0.69 0.00	26.66 -0.89 0.00	31.06 -0.92 0.00	31.71 -1.11 0.00	24.97 -0.77 0.00	27.47 -0.85 0.00	25.16 -0.88 0.00	25.84 -0.65 0.00	25.23 -0.64 0.00
STA_82___115KV_TB1 80780	37.26 -2.31 0.51	46.23 -2.99 1.16	22.41 -1.41 0.00	17.05 -1.09 0.80	17.83 -1.15 0.00	19.75 -1.17 0.00	23.54 -1.42 0.00	26.47 -1.63 0.00	25.67 -1.61 0.00	22.39 -1.36 0.00	22.38 -0.80 0.00	20.71 -0.79 0.00	18.87 -0.63 0.00	17.42 -0.56 0.00	21.00 -0.70 0.00	24.72 -0.86 0.00	26.47 -1.08 0.00	30.81 -1.17 0.00	31.46 -1.35 0.00	24.77 -0.97 0.00	27.27 -1.06 0.00	24.99 -1.06 0.00	25.68 -0.81 0.00	25.08 -0.79 0.00
STEEL___WIND 323596	35.77 -3.62 0.69	44.18 -4.63 1.57	21.68 -2.13 0.00	16.21 -1.65 1.08	17.21 -1.77 0.00	19.08 -1.84 0.00	22.67 -2.29 0.00	25.37 -2.74 0.00	24.70 -2.58 0.00	21.73 -2.02 0.00	22.09 -1.09 0.00	20.42 -1.08 0.00	18.61 -0.89 0.00	17.20 -0.77 0.00	20.74 -0.96 0.00	24.34 -1.24 0.00	25.86 -1.69 0.00	30.11 -1.87 0.00	30.74 -2.07 0.00	22.19 -1.41 2.14	23.42 -1.45 3.45	23.93 -1.49 0.62	24.92 -1.07 0.49	24.88 -0.99 0.00
STEPHTWN_115KV_BK_2 55603	41.39 1.30 0.00	51.90 1.52 0.00	24.65 0.83 0.00	19.63 0.69 0.00	19.71 0.73 0.00	21.76 0.84 0.00	25.92 0.95 0.00	29.30 1.19 0.00	28.31 1.03 0.00	24.49 0.74 0.00	23.85 0.66 0.00	22.16 0.66 0.00	20.07 0.57 0.00	18.48 0.50 0.00	22.37 0.68 0.00	26.41 0.83 0.00	28.45 0.90 0.00	33.39 1.41 0.00	33.98 1.17 0.00	26.62 0.87 0.00	29.26 0.93 0.00	26.79 0.75 0.00	27.07 0.59 0.00	26.30 0.43 0.00
STEBUBEN_REC_LFGE 323667	33.05 -3.21 3.83	37.52 -4.19 8.68	21.78 -2.03 0.01	11.39 -1.58 5.97	17.49 -1.49 0.00	19.52 -1.40 0.00	23.52 -1.45 0.00	26.81 -1.30 0.00	25.58 -1.70 0.00	22.08 -1.67 0.00	21.85 -1.34 0.00	20.26 -1.24 0.00	18.40 -1.10 0.00	16.91 -1.06 0.00	20.50 -1.20 0.00	24.07 -1.51 0.00	25.90 -1.65 0.00	30.52 -1.46 0.00	30.98 -1.83 0.00	24.68 -1.06 0.00	27.03 -1.29 0.00	25.36 -0.69 0.00	25.74 -0.74 0.00	24.59 -1.28 0.00
STILLWATER___SOLAR 323814	41.74 1.65 0.00	52.34 1.96 0.00	24.76 0.94 0.00	19.69 0.75 0.00	19.77 0.79 0.00	21.85 0.93 0.00	26.14 1.18 0.00	29.52 1.42 0.00	28.42 1.14 0.00	24.73 0.98 0.00	24.09 0.91 0.00	22.28 0.77 0.00	20.17 0.67 0.00	18.60 0.62 0.00	22.57 0.88 0.00	26.76 1.17 0.00	28.87 1.32 0.00	33.83 1.85 0.00	34.47 1.66 0.00	26.96 1.22 0.00	29.64 1.32 0.00	27.26 1.21 0.00	27.49 1.00 0.00	26.82 0.95 0.00
STONY___BROOK 24151	47.66 4.04 -3.53	55.20 4.82 0.00	26.01 2.20 0.00	20.52 1.58 0.00	20.68 1.70 0.00	22.83 1.91 0.00	27.44 2.48 0.00	73.66 3.03 -42.53	29.89 2.61 0.00	26.04 2.29 0.00	25.24 2.05 0.00	23.32 1.81 0.00	21.17 1.67 0.00	19.62 1.65 0.00	26.85 2.03 -3.12	28.04 2.42 -0.04	30.32 2.65 -0.12	35.35 3.37 0.00	35.89 3.08 0.00	28.18 2.44 0.00	30.86 2.54 0.00	28.42 2.37 0.00	28.63 2.15 0.00	27.86 1.99 0.00
STURGEON_POOL_HYD 23609	42.45 2.36 0.00	53.37 2.98 0.00	25.16 1.35 0.00	19.94 1.00 0.00	20.02 1.04 0.00	22.08 1.16 0.00	26.44 1.48 0.00	29.98 1.87 0.00	28.91 1.63 0.00	25.26 1.50 0.00	24.62 1.44 0.00	22.77 1.27 0.00	20.58 1.08 0.00	18.95 0.97 0.00	22.84 1.14 0.00	27.00 1.42 0.00	29.20 1.65 0.00	34.30 2.32 0.00	34.79 1.98 0.00	27.23 1.49 0.00	29.86 1.54 0.00	27.49 1.44 0.00	27.74 1.26 0.00	26.97 1.10 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	42.35 2.26 0.00	53.20 2.82 0.00	25.10 1.29 0.00	19.89 0.95 0.00	19.99 1.01 0.00	22.08 1.16 0.00	26.44 1.48 0.00	29.94 1.84 0.00	28.88 1.60 0.00	25.13 1.38 0.00	24.53 1.34 0.00	22.72 1.21 0.00	20.55 1.05 0.00	18.91 0.93 0.00	21.55 1.08 1.23	26.91 1.32 0.00	29.10 1.55 0.00	34.18 2.20 0.00	34.68 1.87 0.00	27.16 1.42 0.00	29.78 1.47 0.00	27.41 1.36 0.00	27.65 1.16 0.00	26.88 1.02 0.00
SWANROAD_115KV_TB1 355699	34.91 -4.55 0.63	43.29 -5.66 1.44	21.14 -2.67 0.00	15.85 -2.10 0.99	16.73 -2.26 0.00	18.53 -2.39 0.00	21.95 -3.01 0.00	24.59 -3.51 0.00	23.95 -3.34 0.00	21.06 -2.70 0.00	21.44 -1.75 0.00	19.80 -1.70 0.00	18.12 -1.38 0.00	16.75 -1.23 0.00	20.15 -1.55 0.00	23.62 -1.97 0.00	25.08 -2.47 0.00	29.13 -2.86 0.00	29.76 -3.05 0.00	23.56 -2.18 0.00	25.99 -2.33 0.00	23.78 -2.27 0.00	24.67 -1.81 0.00	24.28 -1.59 0.00
SYNERGY___BIOGAS 323694	37.31 -2.21 0.58	46.19 -2.89 1.30	22.47 -1.35 0.00	17.00 -1.05 0.90	17.83 -1.15 0.00	19.82 -1.10 0.00	23.65 -1.31 0.00	26.62 -1.49 0.00	25.85 -1.42 0.00	22.51 -1.24 0.00	22.57 -0.62 0.00	20.71 -0.79 0.00	18.88 -0.62 0.00	17.46 -0.52 0.00	21.03 -0.67 0.00	24.78 -0.80 0.00	26.54 -1.01 0.00	30.93 -1.05 0.00	31.57 -1.23 0.00	23.54 -0.79 1.40	25.19 -0.86 2.26	24.66 -0.98 0.41	25.55 -0.61 0.33	25.33 -0.54 0.00
SYRACUSE___ENERGY_ST1 323597	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00
SYRACUSE___ENERGY_ST2 323598	39.76 -0.32 0.00	49.91 -0.47 0.00	23.58 -0.24 0.00	18.78 -0.16 0.00	18.82 -0.16 0.00	20.82 -0.10 0.00	24.89 -0.07 0.00	28.01 -0.09 0.00	27.09 -0.19 0.00	23.53 -0.22 0.00	23.12 -0.06 0.00	21.41 -0.09 0.00	19.45 -0.05 0.00	17.94 -0.03 0.00	21.63 -0.07 0.00	25.51 -0.08 0.00	27.51 -0.04 0.00	32.13 0.15 0.00	32.76 -0.06 0.00	25.74 0.00 0.00	28.32 -0.01 0.00	26.03 -0.02 0.00	26.51 0.02 0.00	25.80 -0.07 0.00

SYRACUSE___POWER 24017	39.76 -0.52 -0.19	50.12 -0.70 -0.43	23.48 -0.33 0.00	19.00 -0.24 -0.30	18.75 -0.23 0.00	20.72 -0.20 0.00	24.76 -0.20 0.00	27.87 -0.24 0.00	26.95 -0.32 0.00	23.43 -0.31 0.00	22.99 -0.20 0.00	21.31 -0.19 0.00	19.34 -0.16 0.00	17.83 -0.14 0.00	21.50 -0.20 0.00	25.33 -0.25 0.00	27.32 -0.22 0.00	31.89 -0.09 0.00	32.56 -0.25 0.00	25.56 -0.18 0.00	28.10 -0.22 0.00	25.84 -0.21 0.00	26.34 -0.14 0.00	25.65 -0.22 0.00
TALLMAN___138KV_BK151 55660	42.59 2.51 0.00	53.50 3.11 0.00	25.24 1.43 0.00	19.98 1.04 0.00	20.11 1.12 0.00	22.20 1.28 0.00	26.61 1.64 0.00	30.15 2.04 0.00	29.07 1.79 0.00	25.29 1.54 0.00	24.72 1.53 0.00	22.89 1.38 0.00	20.69 1.19 0.00	19.04 1.06 0.00	21.37 1.22 1.55	27.07 1.49 0.00	29.28 1.74 0.00	34.41 2.43 0.00	34.89 2.08 0.00	27.32 1.58 0.00	29.95 1.63 0.00	27.56 1.51 0.00	27.78 1.30 0.00	27.01 1.15 0.00
TEALLAVE_115KV_TB7 355573	39.28 -0.80 0.00	49.33 -1.05 0.00	23.33 -0.49 0.00	18.58 -0.36 0.00	18.63 -0.35 0.00	20.57 -0.34 0.00	24.57 -0.39 0.00	27.63 -0.47 0.00	26.75 -0.53 0.00	23.27 -0.48 0.00	22.83 -0.36 0.00	21.18 -0.33 0.00	19.22 -0.28 0.00	17.72 -0.25 0.00	21.37 -0.33 0.00	25.15 -0.43 0.00	27.11 -0.44 0.00	31.63 -0.35 0.00	32.30 -0.51 0.00	25.36 -0.39 0.00	27.88 -0.44 0.00	25.63 -0.42 0.00	26.14 -0.34 0.00	25.47 -0.40 0.00
TELGRAPH_34_KV_EAST 80808	36.15 -3.33 0.60	44.79 -4.24 1.36	21.83 -1.99 0.00	16.46 -1.55 0.94	17.31 -1.67 0.00	19.20 -1.72 0.00	22.82 -2.14 0.00	25.64 -2.46 0.00	24.93 -2.35 0.00	21.82 -1.93 0.00	22.10 -1.09 0.00	20.37 -1.14 0.00	18.61 -0.89 0.00	17.19 -0.79 0.00	20.69 -1.01 0.00	24.33 -1.26 0.00	25.92 -1.63 0.00	30.16 -1.82 0.00	30.80 -2.01 0.00	24.35 -1.39 0.00	26.82 -1.50 0.00	24.53 -1.52 0.00	25.37 -1.12 0.00	24.88 -0.99 0.00
TEMPLE___115KV_TB 2 55572	39.31 -0.78 0.00	49.37 -1.01 0.00	23.34 -0.48 0.00	18.59 -0.35 0.00	18.64 -0.35 0.00	20.59 -0.33 0.00	24.58 -0.39 0.00	27.65 -0.46 0.00	26.76 -0.52 0.00	23.29 -0.46 0.00	22.85 -0.34 0.00	21.20 -0.31 0.00	19.24 -0.26 0.00	17.73 -0.24 0.00	21.38 -0.32 0.00	25.18 -0.41 0.00	27.13 -0.42 0.00	31.65 -0.33 0.00	32.32 -0.49 0.00	25.36 -0.38 0.00	27.89 -0.43 0.00	25.64 -0.40 0.00	26.16 -0.33 0.00	25.48 -0.39 0.00
TIANA___69_KV_BK 1 55817	47.93 4.33 -3.53	55.51 5.13 0.00	26.15 2.34 0.00	20.63 1.69 0.00	20.80 1.82 0.00	22.98 2.06 0.00	27.61 2.65 0.00	73.79 3.15 -42.53	29.89 2.61 0.00	26.04 2.29 0.00	25.12 1.93 0.00	23.19 1.68 0.00	21.04 1.54 0.00	19.63 1.65 0.00	26.93 2.11 -3.12	28.23 2.61 -0.04	30.43 2.76 -0.12	35.33 3.35 0.00	35.80 2.99 0.00	28.13 2.39 0.00	30.80 2.48 0.00	28.44 2.39 0.00	28.71 2.23 0.00	28.02 2.15 0.00
TILDEN___115KV_TB1 80814	39.76 -0.52 -0.19	50.12 -0.70 -0.43	23.48 -0.33 0.00	19.00 -0.24 -0.30	18.75 -0.23 0.00	20.72 -0.20 0.00	24.76 -0.20 0.00	27.87 -0.24 0.00	26.95 -0.32 0.00	23.43 -0.31 0.00	22.99 -0.20 0.00	21.31 -0.19 0.00	19.34 -0.16 0.00	17.83 -0.14 0.00	21.50 -0.20 0.00	25.33 -0.25 0.00	27.32 -0.22 0.00	31.89 -0.09 0.00	32.56 -0.25 0.00	25.56 -0.18 0.00	28.10 -0.22 0.00	25.84 -0.21 0.00	26.34 -0.14 0.00	25.65 -0.22 0.00
TRIGEN___CC 323695	47.04 3.43 -3.53	54.58 4.19 0.00	25.76 1.94 0.00	20.36 1.42 0.00	20.48 1.50 0.00	22.60 1.68 0.00	27.12 2.16 0.00	73.32 2.69 -42.53	29.60 2.32 0.00	25.78 2.03 0.00	25.13 1.94 0.00	23.23 1.73 0.00	21.06 1.55 0.00	19.42 1.45 0.00	26.54 1.72 -3.12	27.67 2.05 -0.04	29.98 2.31 -0.12	35.10 3.12 0.00	35.58 2.77 0.00	27.89 2.15 0.00	30.57 2.25 0.00	28.11 2.07 0.00	28.34 1.86 0.00	27.52 1.65 0.00
TRINITY___115KV___ 4 BK 55933	40.84 0.75 0.00	51.28 0.89 0.00	24.34 0.52 0.00	19.40 0.46 0.00	19.48 0.49 0.00	21.46 0.54 0.00	25.49 0.53 0.00	28.80 0.70 0.00	27.86 0.58 0.00	24.18 0.42 0.00	23.54 0.36 0.00	21.92 0.42 0.00	19.87 0.37 0.00	18.30 0.33 0.00	22.11 0.41 0.00	26.01 0.43 0.00	28.04 0.49 0.00	32.86 0.87 0.00	33.46 0.65 0.00	26.21 0.46 0.00	28.84 0.52 0.00	26.48 0.44 0.00	26.71 0.23 0.00	26.00 0.13 0.00
UNION___PROCESSING_DRP 323587	37.28 -2.30 0.51	46.24 -2.99 1.15	22.41 -1.41 0.00	17.06 -1.09 0.79	17.84 -1.14 0.00	19.75 -1.17 0.00	23.55 -1.41 0.00	26.48 -1.62 0.00	25.68 -1.60 0.00	22.40 -1.35 0.00	22.39 -0.80 0.00	20.71 -0.79 0.00	18.87 -0.63 0.00	17.42 -0.56 0.00	21.01 -0.69 0.00	24.73 -0.85 0.00	26.47 -1.07 0.00	30.82 -1.16 0.00	31.47 -1.34 0.00	24.78 -0.96 0.00	27.27 -1.05 0.00	25.00 -1.05 0.00	25.68 -0.81 0.00	25.09 -0.78 0.00
UPPER HUDSON___HYD 24058	41.40 1.32 0.00	51.95 1.56 0.00	24.56 0.74 0.00	19.54 0.60 0.00	19.65 0.67 0.00	21.74 0.82 0.00	26.01 1.05 0.00	29.33 1.23 0.00	28.11 0.83 0.00	24.75 0.99 0.00	24.12 0.94 0.00	22.24 0.74 0.00	20.13 0.63 0.00	18.58 0.60 0.00	22.57 0.87 0.00	26.80 1.21 0.00	28.98 1.43 0.00	34.00 2.02 0.00	34.59 1.78 0.00	27.01 1.27 0.00	29.64 1.32 0.00	27.34 1.29 0.00	27.58 1.09 0.00	27.05 1.19 0.00
UPPER RAQUET___HYD 24056	49.22 -0.21 -9.34	61.02 -0.26 -10.90	30.56 -0.13 -6.88	24.96 -0.13 -6.14	24.86 -0.26 -6.14	26.94 -0.55 -6.58	25.29 -0.82 -1.15	34.81 -0.88 -7.59	34.39 -0.67 -7.78	30.59 -0.45 -7.29	29.48 -0.58 -6.87	27.44 -0.57 -6.51	25.20 -0.51 -6.21	19.09 -0.43 -1.54	21.23 -0.46 0.00	25.14 -0.44 0.00	29.79 -0.65 -2.90	38.62 -1.38 -8.02	40.20 -1.02 -8.40	32.25 -0.78 -7.28	35.26 -0.66 -7.60	32.63 -0.59 -7.18	27.98 -0.37 -1.87	26.04 0.17 0.00
VALLEY44_115KV_TB2 355964	37.80 -1.47 0.81	46.53 -2.01 1.85	22.94 -0.88 0.00	17.00 -0.67 1.27	18.16 -0.82 0.00	20.01 -0.91 0.00	23.89 -1.07 0.00	26.69 -1.41 0.00	26.00 -1.28 0.00	22.73 -1.02 0.00	23.02 -0.17 0.00	21.42 -0.09 0.00	19.47 -0.03 0.00	17.97 0.00 0.00	21.68 -0.02 0.00	25.55 -0.04 0.00	27.10 -0.45 0.00	31.49 -0.49 0.00	31.89 -0.92 0.00	25.15 -0.60 0.00	27.74 -0.58 0.00	25.39 -0.65 0.00	26.25 -0.23 0.00	25.60 -0.27 0.00
VALLEY___115KV_TB 1-4 80826	40.07 -0.02 0.00	50.15 -0.23 0.00	23.70 -0.11 0.00	18.87 -0.08 0.00	18.97 -0.01 0.00	20.97 0.05 0.00	25.59 0.16 -0.47	28.37 0.27 0.00	27.34 0.06 0.00	23.60 -0.15 0.00	22.95 -0.24 0.00	21.31 -0.19 0.00	19.35 -0.16 0.00	17.84 -0.13 0.00	21.57 -0.13 0.00	25.57 -0.02 0.00	27.62 0.07 0.00	32.31 0.33 0.00	32.90 0.09 0.00	25.80 0.06 0.00	28.38 0.06 0.00	26.10 0.06 0.00	26.28 -0.20 0.00	25.54 -0.33 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	41.79 1.70 0.00	52.51 2.12 0.00	24.76 0.95 0.00	19.67 0.73 0.00	19.74 0.76 0.00	21.79 0.87 0.00	26.14 1.18 0.00	29.55 1.44 0.00	28.56 1.28 0.00	24.81 1.06 0.00	24.25 1.06 0.00	22.46 0.96 0.00	20.32 0.82 0.00	18.71 0.74 0.00	22.55 0.85 0.00	26.64 1.06 0.00	28.77 1.22 0.00	33.60 1.62 0.00	34.28 1.47 0.00	26.91 1.17 0.00	29.57 1.25 0.00	27.19 1.14 0.00	27.56 1.08 0.00	26.81 0.95 0.00

VISCHER___FERRY HYD 24020	41.43 1.34 0.00	51.95 1.57 0.00	24.58 0.77 0.00	19.55 0.61 0.00	19.63 0.65 0.00	21.66 0.74 0.00	25.86 0.90 0.00	29.24 1.14 0.00	28.20 0.92 0.00	24.49 0.74 0.00	23.87 0.68 0.00	22.12 0.62 0.00	20.02 0.52 0.00	18.44 0.46 0.00	22.36 0.66 0.00	26.41 0.82 0.00	28.44 0.89 0.00	33.35 1.37 0.00	34.00 1.19 0.00	26.60 0.86 0.00	29.31 0.99 0.00	26.92 0.87 0.00	27.13 0.64 0.00	26.42 0.55 0.00
V_A_10_SYNC_DSASP 323832	35.78 -3.75 0.55	44.36 -4.78 1.24	21.59 -2.23 0.00	16.34 -1.74 0.85	17.12 -1.86 0.00	18.97 -1.95 0.00	22.54 -2.42 0.00	25.29 -2.82 0.00	24.56 -2.72 0.00	21.54 -2.21 0.00	21.78 -1.41 0.00	20.15 -1.35 0.00	18.38 -1.12 0.00	16.99 -0.98 0.00	20.47 -1.23 0.00	24.03 -1.56 0.00	25.56 -1.98 0.00	29.70 -2.28 0.00	30.31 -2.50 0.00	22.52 -1.81 1.42	24.10 -1.93 2.29	23.75 -1.88 0.41	24.64 -1.52 0.33	24.45 -1.41 0.00
V_CMM_10_SYNC_DSASP 323787	40.06 -0.03 0.00	50.37 -0.01 0.00	23.80 -0.01 0.00	18.92 -0.02 0.00	18.91 -0.07 0.00	20.76 -0.15 0.00	18.19 -0.21 6.56	27.85 -0.26 0.00	27.20 -0.08 0.00	23.80 0.05 0.00	23.10 -0.09 0.00	21.40 -0.10 0.00	19.43 -0.08 0.00	17.93 -0.04 0.00	21.68 -0.02 0.00	25.58 0.00 0.00	27.45 -0.10 0.00	31.41 -0.58 0.00	32.58 -0.23 0.00	25.59 -0.15 0.00	28.25 -0.07 0.00	25.98 -0.06 0.00	26.53 0.04 0.00	26.12 0.25 0.00
V_CMP_10_SYNC_DSASP 323788	-21.20 -0.86 60.43	-21.24 -1.11 70.52	-21.20 -0.50 44.51	-21.18 -0.40 39.73	-21.25 -0.53 39.71	-22.32 -0.68 42.57	-23.50 -0.87 47.59	-21.98 -0.94 49.15	-23.71 -0.65 50.34	-23.99 -0.57 47.17	-21.99 -0.69 44.48	-21.32 -0.72 42.11	-21.31 -0.65 40.16	7.54 -0.48 9.96	21.33 -0.37 0.00	25.28 -0.31 0.00	8.03 -0.77 18.75	-21.33 -1.44 51.87	-22.73 -1.15 54.39	-22.26 -0.87 47.13	-21.84 -0.97 49.19	-21.33 -0.89 46.49	13.69 -0.72 12.07	26.07 0.20 0.00
V_D_10_SYNC_DSASP 323841	41.98 0.27 -1.62	52.66 0.39 -1.89	25.18 0.17 -1.19	20.13 0.12 -1.06	20.11 0.06 -1.06	22.02 -0.04 -1.14	19.58 -0.14 5.24	29.25 -0.17 -1.32	28.63 0.00 -1.35	25.17 0.15 -1.26	24.41 0.03 -1.19	22.64 0.01 -1.13	20.60 0.03 -1.08	18.30 0.05 -0.27	21.80 0.10 0.00	25.75 0.16 0.00	28.12 0.07 -0.50	32.87 -0.50 -1.39	34.12 -0.15 -1.46	26.93 -0.08 -1.26	29.72 0.09 -1.32	27.38 0.09 -1.24	27.03 0.22 -0.32	26.34 0.47 0.00
V_E_10_SYNC_DSASP 323830	43.59 2.11 -1.38	56.07 2.55 -3.14	24.91 1.09 0.00	21.94 0.83 -2.16	19.80 0.82 0.00	22.11 1.19 0.00	26.81 1.85 0.00	30.36 2.25 0.00	29.16 1.88 0.00	24.94 1.18 0.00	24.29 1.11 0.00	22.56 1.06 0.00	20.40 0.90 0.00	18.84 0.86 0.00	22.87 1.17 0.00	27.24 1.65 0.00	29.52 1.98 0.00	34.55 2.57 0.00	35.15 2.34 0.00	28.10 1.91 -0.44	31.15 2.11 -0.72	28.05 1.87 -0.13	28.44 1.86 -0.10	27.24 1.38 0.00
V_F_30_NSYNC___DSASP 323816	41.78 1.70 0.00	52.43 2.04 0.00	24.78 0.96 0.00	19.71 0.77 0.00	19.80 0.81 0.00	21.88 0.96 0.00	26.17 1.21 0.00	29.55 1.45 0.00	28.47 1.19 0.00	24.78 1.02 0.00	24.15 0.96 0.00	22.33 0.82 0.00	20.22 0.72 0.00	18.63 0.66 0.00	22.61 0.92 0.00	26.79 1.21 0.00	28.90 1.35 0.00	33.87 1.89 0.00	34.52 1.71 0.00	27.00 1.26 0.00	29.68 1.36 0.00	27.29 1.25 0.00	27.53 1.05 0.00	26.85 0.99 0.00
V_F_30_SYNC_DSASP 323786	40.96 0.87 0.00	51.43 1.04 0.00	24.41 0.60 0.00	19.46 0.51 0.00	19.54 0.55 0.00	21.52 0.60 0.00	25.58 0.62 0.00	28.90 0.80 0.00	27.97 0.69 0.00	24.27 0.52 0.00	23.64 0.45 0.00	22.00 0.50 0.00	19.95 0.45 0.00	18.37 0.39 0.00	22.19 0.49 0.00	26.12 0.54 0.00	28.17 0.63 0.00	32.99 1.01 0.00	33.59 0.78 0.00	26.32 0.58 0.00	28.96 0.63 0.00	26.58 0.54 0.00	26.82 0.33 0.00	26.09 0.22 0.00
V_XM_10_SYNC_DSASP 323789	-21.20 -0.86 60.43	-21.24 -1.11 70.52	-21.20 -0.50 44.51	-21.18 -0.40 39.73	-21.25 -0.53 39.71	-22.32 -0.68 42.57	-23.50 -0.87 47.59	-21.98 -0.94 49.15	-23.71 -0.65 50.34	-23.99 -0.57 47.17	-21.99 -0.69 44.48	-21.32 -0.72 42.11	-21.31 -0.65 40.16	7.54 -0.48 9.96	21.33 -0.37 0.00	25.28 -0.31 0.00	8.03 -0.77 18.75	-21.33 -1.44 51.87	-22.73 -1.15 54.39	-22.26 -0.87 47.13	-21.84 -0.97 49.19	-21.33 -0.89 46.49	13.69 -0.72 12.07	26.07 0.20 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	42.74 2.65 0.00	53.68 3.29 0.00	25.32 1.50 0.00	20.05 1.11 0.00	20.17 1.18 0.00	22.27 1.35 0.00	26.69 1.73 0.00	30.25 2.14 0.00	29.17 1.90 0.00	25.38 1.63 0.00	24.79 1.61 0.00	22.97 1.46 0.00	20.76 1.26 0.00	19.10 1.13 0.00	21.36 1.29 1.63	27.16 1.58 0.00	29.38 1.83 0.00	34.53 2.55 0.00	35.01 2.20 0.00	27.43 1.68 0.00	30.06 1.74 0.00	27.65 1.60 0.00	27.88 1.40 0.00	27.09 1.23 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	43.28 3.20 0.00	54.38 4.00 0.00	25.61 1.80 0.00	20.30 1.36 0.00	20.39 1.41 0.00	22.47 1.55 0.00	26.88 1.92 0.00	30.53 2.42 0.00	29.43 2.15 0.00	25.63 1.88 0.00	25.02 1.83 0.00	23.19 1.69 0.00	21.00 1.49 -0.02	19.28 1.31 0.00	24.11 1.48 -0.93	27.35 1.76 0.00	29.57 2.02 0.00	34.76 2.78 0.00	35.20 2.40 0.00	27.59 1.85 0.00	30.23 1.91 0.00	27.81 1.76 0.00	28.00 1.52 0.00	27.22 1.35 0.00
W50THST__13_KV_LOAD 356117	43.70 3.61 0.00	54.84 4.45 0.00	25.83 2.01 0.00	20.46 1.52 0.00	20.56 1.58 0.00	22.66 1.73 0.00	27.13 2.17 0.00	30.83 2.73 0.00	29.72 2.44 0.00	25.89 2.14 0.00	25.27 2.08 0.00	23.42 1.91 0.00	21.19 1.68 -0.02	19.47 1.49 0.00	24.33 1.70 -0.93	27.60 2.02 0.00	29.85 2.30 0.00	35.09 3.11 0.00	35.51 2.70 0.00	27.82 2.08 0.00	30.47 2.16 0.00	28.02 1.97 0.00	28.23 1.74 0.00	27.42 1.55 0.00
WADING RIVER_IC_1 23522	47.57 3.97 -3.53	55.05 4.67 0.00	25.94 2.12 0.00	20.46 1.52 0.00	20.63 1.64 0.00	22.79 1.86 0.00	27.33 2.37 0.00	73.44 2.81 -42.53	29.53 2.25 0.00	25.76 2.01 0.00	24.82 1.63 0.00	22.93 1.42 0.00	20.82 1.32 0.00	19.46 1.48 0.00	26.74 1.92 -3.12	28.00 2.38 -0.04	30.11 2.44 -0.12	34.85 2.87 0.00	35.33 2.52 0.00	27.76 2.02 0.00	30.40 2.08 0.00	28.12 2.07 0.00	28.42 1.93 0.00	27.75 1.88 0.00
WADING RIVER_IC_2 23547	47.57 3.97 -3.53	55.05 4.67 0.00	25.94 2.12 0.00	20.46 1.52 0.00	20.63 1.64 0.00	22.79 1.86 0.00	27.33 2.37 0.00	73.44 2.81 -42.53	29.53 2.25 0.00	25.76 2.01 0.00	24.82 1.63 0.00	22.93 1.42 0.00	20.82 1.32 0.00	19.46 1.48 0.00	26.74 1.92 -3.12	28.00 2.38 -0.04	30.11 2.44 -0.12	34.85 2.87 0.00	35.33 2.52 0.00	27.76 2.02 0.00	30.40 2.08 0.00	28.12 2.07 0.00	28.42 1.93 0.00	27.75 1.88 0.00
WADING RIVER_IC_3 23601	47.57 3.97 -3.53	55.05 4.67 0.00	25.94 2.12 0.00	20.46 1.52 0.00	20.63 1.64 0.00	22.79 1.86 0.00	27.33 2.37 0.00	73.44 2.81 -42.53	29.53 2.25 0.00	25.76 2.01 0.00	24.82 1.63 0.00	22.93 1.42 0.00	20.82 1.32 0.00	19.46 1.48 0.00	26.74 1.92 -3.12	28.00 2.38 -0.04	30.11 2.44 -0.12	34.85 2.87 0.00	35.33 2.52 0.00	27.76 2.02 0.00	30.40 2.08 0.00	28.12 2.07 0.00	28.42 1.93 0.00	27.75 1.88 0.00



WALDENNY_12_KV_BK2 80841	35.86 -3.54 0.69	44.34 -4.49 1.56	21.71 -2.10 0.00	16.24 -1.63 1.07	17.24 -1.74 0.00	19.11 -1.81 0.00	22.70 -2.26 0.00	25.43 -2.68 0.00	24.75 -2.53 0.00	21.78 -1.97 0.00	22.13 -1.05 0.00	20.46 -1.04 0.00	18.68 -0.82 0.00	17.25 -0.72 0.00	20.78 -0.92 0.00	24.40 -1.19 0.00	25.93 -1.62 0.00	30.17 -1.82 0.00	30.80 -2.01 0.00	24.37 -1.38 0.00	26.89 -1.43 0.00	24.60 -1.44 0.00	25.43 -1.05 0.00	24.92 -0.95 0.00
WALDEN___HYDRO 24148	42.79 2.71 0.00	53.74 3.36 0.00	25.36 1.54 0.00	20.09 1.15 0.00	20.19 1.21 0.00	22.30 1.38 0.00	26.72 1.76 0.00	30.28 2.18 0.00	29.20 1.92 0.00	25.34 1.59 0.00	24.67 1.49 0.00	22.83 1.32 0.00	20.63 1.13 0.00	18.98 1.00 0.33	22.55 1.18 0.00	27.09 1.51 0.00	29.37 1.82 0.00	34.54 2.55 0.00	35.07 2.26 0.00	27.46 1.72 0.00	30.11 1.79 0.00	27.69 1.65 0.00	27.93 1.45 0.00	27.14 1.27 0.00
WARRENSBURG___ 23737	41.40 1.32 0.00	51.95 1.56 0.00	24.56 0.74 0.00	19.54 0.60 0.00	19.65 0.67 0.00	21.74 0.82 0.00	26.01 1.05 0.00	29.33 1.23 0.00	28.11 0.83 0.00	24.75 0.99 0.00	24.12 0.94 0.00	22.24 0.74 0.00	20.13 0.63 0.00	18.58 0.60 0.00	22.57 0.87 0.00	26.80 1.21 0.00	28.98 1.43 0.00	34.00 2.02 0.00	34.59 1.78 0.00	27.01 1.27 0.00	29.64 1.32 0.00	27.34 1.29 0.00	27.58 1.09 0.00	27.05 1.19 0.00
WATERSIDE___6 8 9 23538	43.48 3.38 -0.01	54.59 4.20 -0.01	25.72 1.90 -0.01	20.84 1.43 -0.47	20.46 1.47 0.00	22.55 1.63 0.00	26.99 2.03 0.00	30.65 2.55 0.00	29.57 2.28 -0.01	87.40 1.99 -61.66	25.12 1.93 -0.01	23.28 1.77 -0.01	21.07 1.55 -0.02	19.36 1.38 0.00	24.19 1.57 -0.93	27.46 1.88 0.00	29.70 2.15 0.00	34.90 2.91 0.00	35.35 2.55 0.00	27.70 1.96 0.00	30.35 2.03 0.00	27.92 1.87 0.00	28.10 1.61 0.00	27.32 1.46 0.00
WATKINRD_115KV_LN8_ILLION 55919	40.33 0.24 0.00	50.59 0.20 0.00	23.92 0.10 0.00	19.03 0.09 0.00	19.12 0.14 0.00	21.12 0.20 0.00	25.73 0.30 -0.47	28.52 0.42 0.00	27.53 0.25 0.00	23.82 0.07 0.00	23.19 0.00 0.00	21.50 -0.01 0.00	19.49 -0.01 0.00	17.95 -0.02 0.00	21.73 0.03 0.00	25.70 0.12 0.00	27.77 0.22 0.00	32.49 0.51 0.00	33.14 0.33 0.00	25.96 0.22 0.00	28.55 0.23 0.00	26.26 0.21 0.00	26.53 0.04 0.00	25.80 -0.07 0.00
WATSON___69_KV_BK 1 55734	48.04 4.42 -3.53	55.67 5.28 0.00	26.23 2.41 0.00	20.69 1.75 0.00	20.86 1.87 0.00	23.03 2.11 0.00	27.71 2.74 0.00	73.96 3.33 -42.53	30.18 2.90 0.00	26.28 2.52 0.00	25.49 2.31 0.00	23.54 2.04 0.00	21.37 1.87 0.00	19.79 1.82 0.00	27.04 2.22 -3.12	28.29 2.67 -0.04	30.63 2.96 -0.12	35.82 3.84 0.00	36.28 3.48 0.00	28.49 2.75 0.00	31.20 2.88 0.00	28.71 2.66 0.00	28.93 2.45 0.00	28.14 2.27 0.00
WDELAWARE___HYD 323627	42.95 2.86 0.00	53.99 3.60 0.00	25.45 1.63 0.00	20.17 1.23 0.00	20.27 1.28 0.00	22.40 1.48 0.00	26.90 1.94 0.00	30.49 2.39 0.00	29.40 2.12 0.00	25.50 1.75 0.00	24.82 1.64 0.00	22.96 1.45 0.00	20.76 1.26 0.00	18.96 0.98 0.00	22.10 0.68 0.28	26.50 0.92 0.00	28.85 1.30 0.00	33.86 1.88 0.00	34.46 1.65 0.00	27.00 1.26 0.00	29.59 1.27 0.00	27.30 1.25 0.00	28.15 1.66 0.00	27.33 1.46 0.00
WEST BABYLON___IC 23714	47.90 4.29 -3.53	55.51 5.13 0.00	26.17 2.36 0.00	20.65 1.71 0.00	20.80 1.82 0.00	22.97 2.05 0.00	27.63 2.67 0.00	73.88 3.25 -42.53	30.11 2.83 0.00	26.22 2.46 0.00	25.46 2.27 0.00	23.51 2.01 0.00	21.34 1.84 0.00	19.75 1.77 0.00	26.97 2.15 -3.12	28.19 2.57 -0.04	30.55 2.88 -0.12	35.76 3.78 0.00	36.22 3.41 0.00	28.44 2.70 0.00	31.13 2.81 0.00	28.65 2.61 0.00	28.86 2.38 0.00	28.06 2.19 0.00
WEST CANADA___HYD 24049	40.22 0.14 0.00	50.54 0.15 0.00	23.89 0.07 0.00	19.00 0.06 0.00	19.06 0.08 0.00	21.02 0.10 0.00	25.55 0.12 -0.47	28.27 0.17 0.00	27.39 0.11 0.00	23.81 0.06 0.00	23.22 0.04 0.00	21.55 0.05 0.00	19.54 0.04 0.00	18.00 0.03 0.00	21.74 0.04 0.00	25.64 0.05 0.00	27.63 0.08 0.00	32.21 0.22 0.00	32.94 0.13 0.00	25.83 0.09 0.00	28.41 0.09 0.00	26.12 0.07 0.00	26.50 0.02 0.00	25.85 -0.02 0.00
WESTERN_NY_WIND 24143	37.23 -2.28 0.58	46.11 -2.95 1.32	22.42 -1.40 0.00	16.96 -1.08 0.91	17.80 -1.18 0.00	19.78 -1.14 0.00	23.59 -1.37 0.00	26.56 -1.55 0.00	25.79 -1.49 0.00	22.46 -1.29 0.00	22.53 -0.66 0.00	20.67 -0.83 0.00	18.87 -0.63 0.00	17.43 -0.54 0.00	20.99 -0.71 0.00	24.74 -0.84 0.00	26.48 -1.07 0.00	30.85 -1.13 0.00	31.50 -1.31 0.00	24.89 -0.86 0.00	27.38 -0.94 0.00	25.03 -1.02 0.00	25.83 -0.66 0.00	25.28 -0.59 0.00
WESTOVER___LESR 323668	39.82 -0.27 0.00	50.03 -0.36 0.00	23.63 -0.18 0.00	18.80 -0.14 0.00	18.85 -0.13 0.00	20.83 -0.09 0.00	24.93 -0.03 0.00	28.13 0.03 0.00	27.18 -0.10 0.00	23.61 -0.14 0.00	23.21 0.02 0.00	21.51 0.01 0.00	19.50 0.00 0.00	17.97 0.00 0.00	21.71 0.01 0.00	25.55 -0.03 0.00	27.49 -0.06 0.00	32.15 0.17 0.00	32.72 -0.09 0.00	25.69 -0.05 0.00	28.24 -0.08 0.00	25.99 -0.05 0.00	26.49 0.00 0.00	25.74 -0.13 0.00
WETHRSFD_WT_PWR 323626	34.40 -5.02 0.67	42.61 -6.25 1.52	20.95 -2.87 0.00	15.69 -2.21 1.05	16.65 -2.33 0.00	18.48 -2.43 0.00	21.90 -3.06 0.00	24.47 -3.63 0.00	23.79 -3.49 0.00	21.02 -2.73 0.00	21.43 -1.76 0.00	19.80 -1.70 0.00	18.01 -1.49 0.00	16.65 -1.32 0.00	20.05 -1.65 0.00	23.57 -2.01 0.00	25.09 -2.46 0.00	29.27 -2.71 0.00	29.91 -2.90 0.00	21.75 -1.97 2.02	23.05 -2.01 3.25	23.44 -2.02 0.59	24.38 -1.64 0.47	24.35 -1.52 0.00
WHAVSTOR_138KV_BK127 55557	42.60 2.52 0.00	53.49 3.11 0.00	25.24 1.43 0.00	19.99 1.05 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.59 1.62 0.00	30.12 2.02 0.00	29.05 1.77 0.00	25.27 1.52 0.00	24.68 1.50 0.00	22.86 1.36 0.00	20.68 1.17 0.00	19.02 1.05 0.00	21.25 1.20 1.65	27.05 1.46 0.00	29.25 1.70 0.00	34.38 2.40 0.00	34.86 2.05 0.00	27.30 1.56 0.00	29.92 1.60 0.00	27.54 1.49 0.00	27.76 1.28 0.00	26.99 1.12 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	42.60 2.52 0.00	53.49 3.11 0.00	25.24 1.43 0.00	19.99 1.05 0.00	20.10 1.12 0.00	22.19 1.27 0.00	26.59 1.62 0.00	30.12 2.02 0.00	29.05 1.77 0.00	25.27 1.52 0.00	24.68 1.50 0.00	22.86 1.36 0.00	20.68 1.17 0.00	19.02 1.05 0.00	21.25 1.20 1.65	27.05 1.46 0.00	29.25 1.70 0.00	34.38 2.40 0.00	34.86 2.05 0.00	27.30 1.56 0.00	29.92 1.60 0.00	27.54 1.49 0.00	27.76 1.28 0.00	26.99 1.12 0.00
WHITEHAL_115KV_TB1 80871	41.94 1.85 0.00	52.57 2.18 0.00	24.87 1.06 0.00	19.91 0.97 0.00	19.97 0.99 0.00	22.11 1.19 0.00	26.64 1.67 0.00	30.09 1.99 0.00	28.75 1.47 0.00	25.06 1.31 0.00	24.36 1.18 0.00	22.48 0.97 0.00	20.36 0.86 0.00	18.81 0.84 0.00	23.12 1.42 0.00	27.68 2.10 0.00	30.01 2.46 0.00	35.28 3.30 0.00	35.68 2.87 0.00	27.67 1.93 0.00	30.15 1.83 0.00	27.62 1.58 0.00	27.87 1.38 0.00	27.35 1.48 0.00

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