

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

### --- Marginal Cost of Congestion

## Generator Data

09/27/2025

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	32.27	27.44	27.07	25.99	24.66	25.71	25.86	35.91	32.79	25.67	31.82	51.09	39.15	38.58	38.78	40.11	48.93	45.59	53.45	53.47	40.43	40.22	37.89	39.12
24138	1.71	1.52	1.50	1.33	1.14	1.20	1.20	1.31	1.47	1.37	1.81	2.40	2.26	2.17	2.01	2.16	2.09	1.68	2.27	2.42	1.67	1.71	2.09	2.24
	0.00	0.00	0.00	0.00	0.00	-0.05	-0.19	-1.55	0.00	0.00	-0.24	-11.68	-0.56	0.00	-1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	32.26	27.43	27.07	25.99	24.67	25.72	25.86	35.88	32.77	25.65	31.81	51.06	39.12	38.56	38.75	40.10	48.94	45.65	53.54	53.56	40.49	40.26	37.91	39.11
24260	1.70	1.50	1.49	1.33	1.15	1.21	1.20	1.29	1.45	1.36	1.80	2.38	2.24	2.15	1.99	2.15	2.10	1.75	2.35	2.50	1.73	1.75	2.10	2.23
	0.00	0.00	0.00	0.00	0.00	-0.05	-0.19	-1.55	0.00	0.00	-0.24	-11.68	-0.56	0.00	-1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	32.26	27.43	27.07	25.99	24.67	25.72	25.86	35.88	32.77	25.65	31.81	51.06	39.12	38.56	38.75	40.10	48.94	45.65	53.54	53.56	40.49	40.26	37.91	39.11
24261	1.70	1.50	1.49	1.33	1.15	1.21	1.20	1.29	1.45	1.36	1.80	2.38	2.24	2.15	1.99	2.15	2.10	1.75	2.35	2.50	1.73	1.75	2.10	2.23
	0.00	0.00	0.00	0.00	0.00	-0.05	-0.19	-1.55	0.00	0.00	-0.24	-11.68	-0.56	0.00	-1.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	31.52	26.86	26.56	25.57	24.38	25.38	25.37	32.83	32.19	25.07	30.15	27.73	36.54	37.28	34.06	38.66	48.03	45.44	53.01	52.96	40.28	39.96	37.18	38.27
24011	0.96	0.93	0.98	0.92	0.85	0.96	1.05	1.09	0.87	0.77	0.59	0.64	0.69	0.87	0.62	0.71	1.19	1.52	1.83	1.91	1.52	1.45	1.38	1.38
	0.00	0.00	0.00	0.00	0.00	0.05	0.16	1.31	0.00	0.00	0.21	9.92	0.48	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	31.66	26.97	26.68	25.67	24.48	25.52	25.56	33.04	32.30	25.20	30.22	27.95	36.55	37.38	34.22	38.77	48.24	45.74	53.32	53.24	40.57	40.24	37.42	38.52
23798	1.10	1.04	1.11	1.02	0.96	1.11	1.24	1.28	0.99	0.89	0.66	0.72	0.70	0.97	0.76	0.82	1.40	1.83	2.13	2.19	1.81	1.72	1.61	1.64
	0.00	0.00	0.00	0.00	0.00	0.05	0.16	1.29	0.00	0.00	0.20	9.77	0.47	0.00	1.51	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	31.52	26.86	26.56	25.57	24.38	25.38	25.37	32.83	32.19	25.07	30.15	27.73	36.54	37.28	34.06	38.66	48.03	45.44	53.01	52.96	40.28	39.96	37.18	38.27
24028	0.96	0.93	0.98	0.92	0.85	0.96	1.05	1.09	0.87	0.77	0.59	0.64	0.69	0.87	0.62	0.71	1.19	1.52	1.83	1.91	1.52	1.45	1.38	1.38
	0.00	0.00	0.00	0.00	0.00	0.05	0.16	1.31	0.00	0.00	0.21	9.92	0.48	0.00	1.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	31.06	26.49	26.25	25.26	24.05	24.92	24.77	30.53	31.82	24.86	29.69	13.97	35.69	37.14	31.72	38.34	47.42	44.51	51.89	51.89	39.62	39.26	36.62	37.78
23527	0.50	0.56	0.68	0.61	0.53	0.57	0.67	0.58	0.51	0.56	0.41	0.47	0.49	0.72	0.39	0.39	0.58	0.60	0.70	0.83	0.86	0.75	0.81	0.90
	0.00	0.00	0.00	0.00	0.00	0.11	0.38	3.11	0.00	0.00	0.49	23.51	1.13	0.00	3.63	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	30.23	25.77	25.51	24.62	23.45	24.36	24.28	31.77	31.04	24.18	29.29	29.28	35.54	36.00	33.23	37.28	45.95	43.01	50.23	50.24	38.19	37.92	35.40	36.49
24190	-0.33	-0.16	-0.07	-0.03	-0.07	-0.07	-0.07	-0.32	-0.28	-0.12	-0.33	-0.44	-0.44	-0.41	-0.61	-0.67	-0.88	-0.90	-0.96	-0.82	-0.57	-0.59	-0.40	-0.39
	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.96	0.00	0.00	0.15	7.29	0.35	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	30.83	26.07	25.63	24.69	23.60	24.59	24.64	33.54	31.79	24.61	30.22	37.51	36.84	36.92	35.56	38.51	47.55	44.62	51.70	51.46	39.31	38.95	35.92	36.98
355683	0.28	0.14	0.05	0.04	0.08	0.13	0.16	0.48	0.48	0.31	0.45	0.50	0.51	0.51	0.59	0.56	0.71	0.71	0.52	0.40	0.55	0.43	0.11	0.10
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	30.96	26.35	26.05	25.19	24.00	24.93	24.89	32.90	31.55	24.36	29.49	32.39	36.01	36.29	33.85	37.20	46.01	43.18	50.57	50.59	38.43	38.18	35.58	36.65
323833	0.40	0.42	0.48	0.53	0.48	0.49	0.48	0.44	0.23	0.06	-0.18	-0.20	-0.10	-0.12	-0.43	-0.75	-0.83	-0.73	-0.61	-0.47	-0.33	-0.33	-0.23	-0.24
	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.58	0.00	0.00	0.09	4.42	0.21	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	30.95	26.34	26.04	25.18	23.99	24.92	24.88	32.89	31.54	24.35	29.49	32.38	36.01	36.29	33.85	37.19	45.99	43.17	50.56	50.58	38.41	38.17	35.57	36.63
323834	0.39	0.42	0.47	0.53	0.47	0.48	0.47	0.43	0.22	0.05	-0.19	-0.21	-0.11	-0.12	-0.44	-0.76	-0.85	-0.74	-0.63	-0.48	-0.34	-0.35	-0.24	-0.26
	0.00	0.00	0.00	0.00	0.00	0.02	0.07	0.58	0.00	0.00	0.09	4.42	0.21	0.00	0.68	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	30.23	25.77	25.51	24.62	23.45	24.36	24.28	31.77	31.04	24.18	29.29	29.28	35.54	36.00	33.23	37.28	45.95	43.01	50.23	50.24	38.19	37.92	35.40	36.49
23571	-0.33	-0.16	-0.07	-0.03	-0.07	-0.07	-0.07	-0.32	-0.28	-0.12	-0.33	-0.44	-0.44	-0.41	-0.61	-0.67	-0.88	-0.90	-0.96	-0.82	-0.57	-0.59	-0.40	-0.39
	0.00	0.00	0.00	0.00	0.00	0.03	0.12	0.96	0.00	0.00	0.15	7.29	0.35	0.00	1.13	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.07 0.12	31.77 -0.32 0.96	31.04 -0.28 0.00	24.18 -0.12 0.00	29.29 -0.33 0.15	29.28 -0.44 7.29	35.54 -0.44 0.35	36.00 -0.41 0.00	33.23 -0.61 1.13	37.28 -0.67 0.00	45.95 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
ALBANY___3 23573	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.07 0.12	31.77 -0.32 0.96	31.04 -0.28 0.00	24.18 -0.12 0.00	29.29 -0.33 0.15	29.28 -0.44 7.29	35.54 -0.44 0.35	36.00 -0.41 0.00	33.23 -0.61 1.13	37.28 -0.67 0.00	45.95 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
ALBANY___4 23574	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.07 0.12	31.77 -0.32 0.96	31.04 -0.28 0.00	24.18 -0.12 0.00	29.29 -0.33 0.15	29.28 -0.44 7.29	35.54 -0.44 0.35	36.00 -0.41 0.00	33.23 -0.61 1.13	37.28 -0.67 0.00	45.95 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
ALBANY___LFGE 323615	30.57 0.01 0.00	26.04 0.12 0.00	25.76 0.19 0.00	24.86 0.21 0.00	23.68 0.15 0.00	24.60 0.18 0.04	24.51 0.17 0.13	31.98 0.01 1.08	31.34 0.02 0.00	24.41 0.11 0.00	29.56 -0.04 0.17	28.80 -0.06 8.14	35.90 -0.03 0.39	36.42 0.01 0.00	33.50 -0.21 1.26	37.73 -0.22 0.00	46.55 -0.29 0.00	43.57 -0.33 0.00	50.89 -0.30 0.00	50.89 -0.16 0.00	38.67 -0.09 0.00	38.39 -0.12 0.00	35.84 0.03 0.00	36.92 0.04 0.00
ALCOA_PA_115KV_PL-6C 55860	30.97 0.42 0.00	26.18 0.25 0.00	25.72 0.15 0.00	24.78 0.12 0.00	23.69 0.16 0.00	24.68 0.23 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.35 0.58 0.00	37.59 0.58 0.00	36.98 0.66 0.00	37.07 0.66 0.00	35.68 0.72 0.00	38.64 0.69 0.00	47.73 0.89 0.00	44.79 0.88 0.00	51.88 0.69 0.00	51.63 0.57 0.00	39.42 0.66 0.00	39.08 0.57 0.00	36.04 0.23 0.00	37.06 0.18 0.00
ALCOA_RYNLDS___DRP 24188	30.97 0.42 0.00	26.18 0.25 0.00	25.72 0.15 0.00	24.78 0.12 0.00	23.69 0.16 0.00	24.68 0.23 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.35 0.58 0.00	37.59 0.58 0.00	36.98 0.66 0.00	37.07 0.66 0.00	35.68 0.72 0.00	38.64 0.69 0.00	47.73 0.89 0.00	44.79 0.88 0.00	51.88 0.69 0.00	51.63 0.57 0.00	39.42 0.66 0.00	39.08 0.57 0.00	36.04 0.23 0.00	37.06 0.18 0.00
ALCOA___DSASP 323711	30.97 0.42 0.00	26.18 0.25 0.00	25.72 0.15 0.00	24.78 0.12 0.00	23.69 0.16 0.00	24.68 0.23 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.35 0.58 0.00	37.59 0.58 0.00	36.98 0.66 0.00	37.07 0.66 0.00	35.68 0.72 0.00	38.64 0.69 0.00	47.73 0.89 0.00	44.79 0.88 0.00	51.89 0.70 0.00	51.63 0.57 0.00	39.42 0.66 0.00	39.08 0.57 0.00	36.04 0.23 0.00	37.06 0.18 0.00
ALLEGHENY___COGEN 23514	33.09 1.81 -0.71	27.75 1.58 -0.24	27.10 1.45 -0.08	26.09 1.44 0.00	25.03 1.48 -0.03	26.04 1.53 -0.04	26.41 1.62 -0.32	35.98 1.99 -0.94	33.52 1.54 -0.67	25.23 0.93 0.00	30.92 0.94 -0.21	38.84 1.14 -0.69	38.33 1.09 -0.92	37.76 0.94 -0.41	37.22 1.24 -1.01	40.67 1.38 -1.35	51.24 2.01 -2.39	48.16 2.06 -2.19	57.50 3.14 -3.17	57.12 3.16 -2.90	42.02 2.11 -1.15	41.95 2.27 -1.17	37.79 1.98 0.00	38.68 1.80 0.00
ALTAMONT_115KV_TB 2 55880	30.75 0.19 0.00	26.19 0.26 0.00	25.90 0.33 0.00	24.98 0.33 0.00	23.79 0.27 0.00	24.70 0.26 0.02	24.64 0.24 0.07	32.58 0.13 0.60	31.45 0.14 0.00	24.47 0.16 0.00	29.76 0.08 0.09	32.56 0.09 4.54	36.20 0.10 0.22	36.55 0.14 0.00	34.23 -0.04 0.70	37.90 -0.05 0.00	46.68 -0.15 0.00	43.75 -0.16 0.00	51.12 -0.07 0.00	51.13 0.07 0.00	38.81 0.05 0.00	38.57 0.06 0.00	36.01 0.21 0.00	37.12 0.24 0.00
ALTONA_WT_PWR 323606	31.72 1.16 0.00	26.61 0.68 0.00	26.24 0.67 0.00	25.25 0.60 0.00	24.12 0.59 0.00	25.39 0.93 0.00	25.50 1.03 0.00	34.42 1.36 0.00	32.52 1.20 0.00	25.21 0.90 0.00	30.83 1.06 0.00	38.20 1.19 0.00	37.52 1.20 0.00	37.69 1.28 0.00	36.12 1.15 0.00	39.17 1.22 0.00	48.38 1.54 0.00	45.63 1.73 0.00	52.70 1.51 0.00	52.31 1.26 0.00	39.49 0.73 0.00	39.05 0.54 0.00	36.02 0.21 0.00	36.94 0.05 0.00
AMERICAN_REF_FUEL 24010	31.56 0.36 -0.64	26.52 0.38 -0.22	25.93 0.28 -0.07	25.05 0.40 0.00	24.12 0.56 -0.03	25.08 0.58 -0.04	25.24 0.48 -0.29	34.21 0.32 -0.84	32.00 0.09 -0.60	24.29 -0.01 0.00	30.22 0.26 -0.19	38.07 0.45 -0.62	37.42 0.27 -0.83	36.93 0.16 -0.36	36.40 0.52 -0.91	39.24 0.08 -1.21	48.69 -0.29 -2.14	45.30 -0.57 -1.95	53.03 -0.99 -2.83	52.16 -1.49 -2.60	38.52 -1.26 -1.02	39.19 -0.37 -1.05	35.88 0.08 0.00	36.99 0.11 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	32.25 1.03 -0.66	27.18 1.03 -0.22	26.48 0.83 -0.07	25.47 0.82 0.00	24.56 1.00 -0.03	25.50 1.00 -0.04	25.82 1.05 -0.30	35.01 1.09 -0.86	32.62 0.69 -0.61	24.69 0.38 0.00	30.83 0.87 -0.19	39.03 1.39 -0.64	38.44 1.26 -0.85	37.74 0.96 -0.37	37.33 1.44 -0.93	40.28 1.08 -1.24	50.50 1.47 -2.20	47.02 1.09 -2.02	55.40 1.30 -2.92	54.46 0.73 -2.67	39.87 0.06 -1.06	39.99 0.40 -1.08	36.42 0.61 0.00	36.73 -0.15 0.00
ARTHUR KILL_GT_1 23520	32.31 1.75 0.00	27.38 1.45 0.00	26.97 1.40 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.60 1.08 -0.05	25.74 1.08 -0.19	35.70 1.11 -1.55	32.61 1.30 0.00	25.49 1.19 0.00	31.53 1.51 -0.24	50.70 2.02 -11.68	38.66 1.77 -0.56	38.16 1.74 0.00	38.33 1.56 -1.80	39.71 1.76 0.00	48.20 1.36 0.00	44.98 1.07 0.00	52.88 1.69 0.00	52.95 1.90 0.00	40.08 1.32 0.00	39.92 1.41 0.00	37.72 1.91 0.00	38.88 2.00 0.00
ARTHUR_KILL_2 23512	32.21 1.65 0.00	27.30 1.37 0.00	26.88 1.31 0.00	25.79 1.14 0.00	24.47 0.95 0.00	25.52 1.01 -0.05	25.67 1.01 -0.19	35.61 1.01 -1.55	32.52 1.21 0.00	25.42 1.12 0.00	31.44 1.43 -0.24	50.57 1.89 -11.68	38.56 1.67 -0.56	38.06 1.65 0.00	38.23 1.46 -1.80	39.59 1.64 0.00	48.01 1.17 0.00	44.82 0.91 0.00	52.68 1.49 0.00	52.75 1.69 0.00	39.93 1.17 0.00	39.77 1.26 0.00	37.58 1.77 0.00	38.74 1.86 0.00
ARTHUR_KILL_3 23513	31.91 1.36 0.00	27.14 1.21 0.00	26.79 1.21 0.00	25.71 1.06 0.00	24.40 0.88 0.00	25.45 0.93 -0.05	25.59 0.93 -0.19	35.52 0.93 -1.55	32.41 1.10 0.00	25.36 1.06 0.00	31.42 1.41 -0.24	50.57 1.89 -11.68	38.64 1.76 -0.56	38.07 1.66 0.00	38.29 1.52 -1.80	39.60 1.65 0.00	48.32 1.48 0.00	45.06 1.15 0.00	52.87 1.68 0.00	52.91 1.86 0.00	40.00 1.25 0.00	39.78 1.27 0.00	37.48 1.68 0.00	38.69 1.80 0.00

ARTHUR_KILL_COGEN 323718	32.31 1.75 0.00	27.38 1.45 0.00	26.97 1.40 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.60 1.08 -0.05	25.74 1.08 -0.19	35.71 1.11 -1.55	32.62 1.30 0.00	25.49 1.19 0.00	31.53 1.51 -0.24	50.68 1.99 -11.68	38.65 1.77 -0.56	38.17 1.76 0.00	38.33 1.57 -1.80	39.73 1.78 0.00	48.18 1.34 0.00	44.98 1.08 0.00	52.88 1.69 0.00	52.95 1.90 0.00	40.09 1.33 0.00	39.92 1.41 0.00	37.72 1.92 0.00	38.88 2.00 0.00
ASHOKAN____ 23654	31.24 0.68 0.00	26.55 0.63 0.00	26.22 0.64 0.00	25.27 0.62 0.00	24.04 0.52 0.00	25.00 0.54 0.00	25.06 0.58 0.00	33.78 0.73 0.00	31.89 0.57 0.00	24.81 0.51 0.00	30.36 0.59 0.00	37.85 0.84 0.00	36.95 0.63 0.00	36.83 0.42 0.00	35.23 0.26 0.00	38.30 0.35 0.00	47.62 0.78 0.00	44.65 0.74 0.00	52.42 1.24 0.00	52.52 1.46 0.00	39.78 1.02 0.00	39.43 0.92 0.00	36.80 1.00 0.00	37.83 0.95 0.00
ASTORIA_EAST_ENERGY_CC1 323581	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.94 0.00	25.51 0.99 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.55 1.23 0.00	25.46 1.16 0.00	31.64 1.60 -0.27	51.54 2.17 -12.37	39.21 1.91 -0.98	39.02 1.90 -0.72	38.47 1.70 -1.80	40.37 1.83 -0.59	48.48 1.65 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.35 -0.77	40.08 1.41 -0.16	37.78 1.97 0.00	38.99 2.10 0.00
ASTORIA_EAST_ENERGY_CC2 323582	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.94 0.00	25.51 0.99 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.55 1.23 0.00	25.46 1.16 0.00	31.64 1.60 -0.27	51.54 2.17 -12.37	39.21 1.91 -0.98	39.02 1.90 -0.72	38.47 1.70 -1.80	40.37 1.83 -0.59	48.48 1.65 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.35 -0.77	40.08 1.41 -0.16	37.78 1.97 0.00	38.99 2.10 0.00
ASTORIA_GT2_1 24094	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT2_2 24095	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT2_3 24096	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT2_4 24097	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT3_1 24098	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT3_2 24099	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT3_3 24100	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT3_4 24101	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT4_1 24102	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT4_2 24103	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT4_3 24104	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00

ASTORIA_GT4_4 24105	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.47 1.16 0.00	31.64 1.60 -0.27	51.56 2.18 -12.37	39.21 1.91 -0.98	39.02 1.89 -0.72	38.47 1.70 -1.80	40.36 1.82 -0.59	48.48 1.64 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.34 -0.77	40.07 1.40 -0.16	37.78 1.97 0.00	38.99 2.11 0.00
ASTORIA_GT_1 23523	32.14 1.58 0.00	27.29 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.51 0.99 0.00	25.56 1.05 -0.05	25.70 1.04 -0.19	35.71 1.11 -1.55	32.60 1.29 0.00	25.51 1.21 0.00	31.70 1.66 -0.27	51.64 2.27 -12.37	39.29 1.99 -0.98	39.10 1.97 -0.72	38.54 1.78 -1.80	40.46 1.91 -0.59	48.59 1.75 0.00	45.36 1.45 0.00	53.14 1.95 0.00	53.15 2.09 0.00	40.95 1.43 -0.77	40.16 1.49 -0.16	37.85 2.04 0.00	39.06 2.18 0.00
ASTORIA_GT_10 24110	31.95 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.11 0.00	24.45 0.92 0.00	25.49 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.69 2.01 -11.68	38.72 1.84 -0.56	38.18 1.77 0.00	38.38 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.83 1.64 0.00	52.87 1.82 0.00	39.98 1.22 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.91 0.00
ASTORIA_GT_11 24225	31.95 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.11 0.00	24.45 0.92 0.00	25.49 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.69 2.01 -11.68	38.72 1.84 -0.56	38.18 1.77 0.00	38.38 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.83 1.64 0.00	52.87 1.82 0.00	39.98 1.22 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.91 0.00
ASTORIA_GT_12 24226	31.95 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.11 0.00	24.45 0.92 0.00	25.49 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.69 2.01 -11.68	38.72 1.84 -0.56	38.18 1.77 0.00	38.38 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.83 1.64 0.00	52.87 1.82 0.00	39.98 1.22 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.91 0.00
ASTORIA_GT_13 24227	31.95 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.11 0.00	24.45 0.92 0.00	25.49 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.69 2.01 -11.68	38.72 1.84 -0.56	38.18 1.77 0.00	38.38 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.83 1.64 0.00	52.87 1.82 0.00	39.98 1.22 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.91 0.00
ASTORIA_GT_5 24106	32.14 1.58 0.00	27.29 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.51 0.99 0.00	25.56 1.05 -0.05	25.70 1.04 -0.19	35.71 1.11 -1.55	32.60 1.29 0.00	25.51 1.21 0.00	31.70 1.66 -0.27	51.64 2.27 -12.37	39.29 1.99 -0.98	39.10 1.97 -0.72	38.54 1.78 -1.80	40.46 1.91 -0.59	48.59 1.75 0.00	45.36 1.45 0.00	53.14 1.95 0.00	53.15 2.09 0.00	40.95 1.43 -0.77	40.16 1.49 -0.16	37.85 2.04 0.00	39.06 2.18 0.00
ASTORIA_GT_7 24107	32.14 1.58 0.00	27.29 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.51 0.99 0.00	25.56 1.05 -0.05	25.70 1.04 -0.19	35.71 1.11 -1.55	32.60 1.29 0.00	25.51 1.21 0.00	31.70 1.66 -0.27	51.64 2.27 -12.37	39.29 1.99 -0.98	39.10 1.97 -0.72	38.54 1.78 -1.80	40.46 1.91 -0.59	48.59 1.75 0.00	45.36 1.45 0.00	53.14 1.95 0.00	53.15 2.09 0.00	40.95 1.43 -0.77	40.16 1.49 -0.16	37.85 2.04 0.00	39.06 2.18 0.00
ASTORIA_GT_8 24108	32.14 1.58 0.00	27.29 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.51 0.99 0.00	25.56 1.05 -0.05	25.70 1.04 -0.19	35.71 1.11 -1.55	32.60 1.29 0.00	25.51 1.21 0.00	31.70 1.66 -0.27	51.64 2.27 -12.37	39.29 1.99 -0.98	39.10 1.97 -0.72	38.54 1.78 -1.80	40.46 1.91 -0.59	48.59 1.75 0.00	45.36 1.45 0.00	53.14 1.95 0.00	53.15 2.09 0.00	40.95 1.43 -0.77	40.16 1.49 -0.16	37.85 2.04 0.00	39.06 2.18 0.00
ASTORIA___2 24149	32.08 1.52 0.00	27.24 1.32 0.00	26.89 1.32 0.00	25.82 1.17 0.00	24.47 0.94 0.00	25.51 0.99 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.55 1.23 0.00	25.46 1.16 0.00	31.64 1.60 -0.27	51.54 2.17 -12.37	39.21 1.91 -0.98	39.02 1.90 -0.72	38.47 1.70 -1.80	40.37 1.83 -0.59	48.48 1.65 0.00	45.26 1.35 0.00	53.03 1.85 0.00	53.03 1.98 0.00	40.87 1.35 -0.77	40.08 1.41 -0.16	37.78 1.97 0.00	38.99 2.10 0.00
ASTORIA___3 23516	31.94 1.39 0.00	27.18 1.25 0.00	26.83 1.26 0.00	25.77 1.12 0.00	24.45 0.92 0.00	25.48 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.17 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.68 1.99 -11.68	38.72 1.84 -0.56	38.19 1.78 0.00	38.37 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.04 1.14 0.00	52.83 1.64 0.00	52.87 1.81 0.00	39.98 1.23 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.90 0.00
ASTORIA___4 23517	31.95 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.11 0.00	24.45 0.92 0.00	25.49 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.69 2.01 -11.68	38.72 1.84 -0.56	38.18 1.77 0.00	38.38 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.83 1.64 0.00	52.87 1.82 0.00	39.98 1.22 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.91 0.00
ASTORIA___5 23518	31.94 1.39 0.00	27.18 1.25 0.00	26.83 1.25 0.00	25.77 1.12 0.00	24.45 0.92 0.00	25.48 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.16 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.68 1.99 -11.68	38.72 1.84 -0.56	38.19 1.78 0.00	38.37 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.04 1.14 0.00	52.83 1.64 0.00	52.87 1.81 0.00	39.98 1.23 0.00	39.79 1.28 0.00	37.55 1.74 0.00	38.78 1.90 0.00
AST_ENERGY_2_CC3 323677	27.48 1.22 4.30	25.85 1.05 1.13	25.96 1.06 0.67	25.59 0.95 0.01	24.25 0.73 0.00	25.19 0.75 0.01	24.91 0.75 0.32	26.18 0.70 7.57	26.18 0.90 6.03	25.21 0.94 0.03	31.27 1.51 0.02	51.49 2.12 -12.37	27.46 1.53 10.40	25.43 1.51 12.49	25.43 1.32 10.86	25.43 1.43 13.95	30.84 1.14 17.15	29.21 0.88 15.58	37.04 1.30 15.45	37.11 1.44 15.38	26.29 0.94 13.41	25.64 1.00 13.87	25.68 1.58 11.71	25.29 1.71 13.30
AST_ENERGY_2_CC4 323678	27.48 1.22 4.30	25.85 1.05 1.13	25.96 1.06 0.67	25.59 0.95 0.01	24.25 0.73 0.00	25.19 0.75 0.01	24.91 0.75 0.32	26.18 0.70 7.57	26.18 0.90 6.03	25.21 0.94 0.03	31.27 1.51 0.02	51.49 2.12 -12.37	27.46 1.53 10.40	25.43 1.51 12.49	25.43 1.32 10.86	25.43 1.43 13.95	30.84 1.14 17.15	29.21 0.88 15.58	37.04 1.30 15.45	37.11 1.44 15.38	26.29 0.94 13.41	25.64 1.00 13.87	25.68 1.58 11.71	25.29 1.71 13.30

ATHENS_STG_1 23668	30.97 0.41 0.00	26.37 0.45 0.00	26.08 0.51 0.00	25.15 0.50 0.00	23.93 0.40 0.00	24.86 0.38 -0.02	24.89 0.33 -0.08	33.93 0.20 -0.68	31.59 0.27 0.00	24.64 0.34 0.00	30.28 0.40 -0.11	42.69 0.53 -5.15	37.06 0.49 -0.25	36.92 0.51 0.00	36.11 0.35 -0.79	38.35 0.40 0.00	47.11 0.27 0.00	44.04 0.13 0.00	51.50 0.32 0.00	51.53 0.47 0.00	39.08 0.32 0.00	38.84 0.33 0.00	36.37 0.56 0.00	37.50 0.61 0.00
ATHENS_STG_2 23670	30.97 0.41 0.00	26.37 0.45 0.00	26.08 0.51 0.00	25.15 0.50 0.00	23.93 0.40 0.00	24.86 0.38 -0.02	24.89 0.33 -0.08	33.93 0.20 -0.68	31.59 0.27 0.00	24.64 0.34 0.00	30.28 0.40 -0.11	42.69 0.53 -5.15	37.06 0.49 -0.25	36.92 0.51 0.00	36.11 0.35 -0.79	38.35 0.40 0.00	47.11 0.27 0.00	44.04 0.13 0.00	51.50 0.32 0.00	51.53 0.47 0.00	39.08 0.32 0.00	38.84 0.33 0.00	36.37 0.56 0.00	37.50 0.61 0.00
ATHENS_STG_3 23677	30.97 0.41 0.00	26.37 0.45 0.00	26.08 0.51 0.00	25.15 0.50 0.00	23.93 0.40 0.00	24.86 0.38 -0.02	24.89 0.33 -0.08	33.93 0.20 -0.68	31.59 0.27 0.00	24.64 0.34 0.00	30.28 0.40 -0.11	42.69 0.53 -5.15	37.06 0.49 -0.25	36.92 0.51 0.00	36.11 0.35 -0.79	38.35 0.40 0.00	47.11 0.27 0.00	44.04 0.13 0.00	51.50 0.32 0.00	51.53 0.47 0.00	39.08 0.32 0.00	38.84 0.33 0.00	36.37 0.56 0.00	37.50 0.61 0.00
AUBURN___LFGE 323710	32.30 0.35 -1.40	26.75 0.35 -0.47	26.06 0.33 -0.16	24.97 0.32 0.00	23.94 0.35 -0.06	24.82 0.27 -0.09	25.47 0.37 -0.63	35.23 0.35 -1.83	32.83 0.22 -1.30	24.33 0.03 0.00	30.27 0.10 -0.40	38.48 0.12 -1.35	38.13 0.01 -1.80	37.14 0.26 -0.79	37.20 0.23 -1.97	40.81 0.23 -2.64	52.09 0.59 -4.67	48.84 0.46 -4.47	58.56 0.89 -6.49	57.81 0.81 -5.94	41.56 0.46 -2.34	41.44 0.53 -2.40	36.37 0.56 0.00	37.39 0.51 0.00
BABYLON_RES_REC 323704	31.95 1.39 0.00	27.26 1.33 0.00	26.85 1.28 0.00	25.70 1.05 0.00	24.39 0.87 0.00	25.34 0.82 -0.05	25.38 0.72 -0.19	35.11 0.51 -1.55	32.03 0.72 0.00	25.08 0.78 0.00	42.60 1.34 -11.49	57.46 1.69 -18.76	67.98 1.45 -30.21	113.81 1.35 -76.04	75.65 1.06 -39.62	67.24 1.14 -28.15	50.36 0.97 -2.55	54.42 0.71 -9.80	52.33 1.14 0.00	52.41 1.35 0.00	39.73 0.88 -0.09	46.02 0.89 -6.62	37.47 1.66 0.00	38.73 1.84 0.00
BALL_HILL_WT_PWR 323825	31.92 0.71 -0.65	26.89 0.74 -0.22	26.22 0.58 -0.07	25.26 0.61 0.00	24.33 0.78 -0.03	25.29 0.79 -0.04	25.56 0.80 -0.29	34.69 0.79 -0.85	32.39 0.46 -0.61	24.54 0.24 0.00	30.59 0.64 -0.19	38.66 1.02 -0.63	38.06 0.89 -0.84	37.39 0.61 -0.37	36.93 1.04 -0.92	39.87 0.68 -1.23	49.89 0.86 -2.18	46.42 0.52 -2.00	54.64 0.56 -2.89	53.75 0.04 -2.65	39.52 -0.29 -1.05	39.88 0.31 -1.07	36.36 0.55 0.00	37.20 0.31 0.00
BARON_WINDS___WT_PWR 323822	31.67 0.36 -0.76	26.65 0.46 -0.26	26.00 0.34 -0.08	25.00 0.34 0.00	24.04 0.48 -0.04	24.94 0.43 -0.05	25.21 0.39 -0.34	34.36 0.32 -0.99	31.93 -0.09 -0.71	24.05 -0.25 0.00	29.81 -0.18 -0.22	37.70 -0.04 -0.73	37.25 -0.05 -0.97	36.50 -0.35 -0.43	36.09 0.05 -1.07	39.41 0.04 -1.43	49.72 0.35 -2.53	46.40 0.14 -2.35	55.02 0.42 -3.41	54.35 0.17 -3.13	39.81 -0.18 -1.23	39.62 -0.16 -1.26	35.63 -0.17 0.00	36.56 -0.32 0.00
BARRETT_IC_1 23704	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_10 23701	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	39.49 1.12 -8.60	7.81 1.36 30.56	35.71 1.18 1.80	56.01 1.07 -18.53	70.58 0.93 -34.68	22.87 1.12 16.20	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	-15.11 0.91 54.78	34.17 0.86 5.20	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_11 23702	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	39.49 1.12 -8.60	7.81 1.36 30.56	35.71 1.18 1.80	56.01 1.07 -18.53	70.58 0.93 -34.68	22.87 1.12 16.20	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	-15.11 0.91 54.78	34.17 0.86 5.20	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_12 23703	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	39.49 1.12 -8.60	7.81 1.36 30.56	35.71 1.18 1.80	56.01 1.07 -18.53	70.58 0.93 -34.68	22.87 1.12 16.20	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	-15.11 0.91 54.78	34.17 0.86 5.20	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_2 23705	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_3 23706	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_4 23707	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_5 23708	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00

BARRETT_IC_6 23709	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_7 23710	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.94 0.35 -1.55	31.88 0.56 0.00	25.00 0.70 0.00	41.81 1.13 -10.91	62.65 1.41 -24.23	69.23 1.24 -31.67	113.46 1.14 -75.91	70.78 0.92 -34.89	70.26 1.14 -31.16	50.30 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.50 0.92 -6.82	46.90 0.87 -7.52	37.08 1.28 0.00	38.37 1.49 0.00
BARRETT_IC_8 23711	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.39 1.07 -75.91	70.79 0.93 -34.89	70.24 1.12 -31.16	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT_IC_9 23700	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	39.49 1.12 -8.60	7.81 1.36 30.56	35.71 1.18 1.80	56.01 1.07 -18.53	70.58 0.93 -34.68	22.87 1.12 16.20	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	-15.11 0.91 54.78	34.17 0.86 5.20	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT___1 23545	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	41.79 1.12 -10.91	62.60 1.36 -24.23	69.17 1.18 -31.67	113.40 1.07 -75.92	70.80 0.93 -34.90	70.24 1.12 -31.17	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	46.49 0.91 -6.82	46.89 0.86 -7.52	37.09 1.28 0.00	38.37 1.48 0.00
BARRETT___2 23546	31.67 1.11 0.00	27.01 1.09 0.00	26.65 1.08 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.19 0.68 -0.05	25.26 0.60 -0.19	34.95 0.35 -1.55	31.88 0.57 0.00	25.00 0.70 0.00	39.49 1.12 -8.60	7.81 1.36 30.56	35.71 1.18 1.80	56.01 1.07 -18.53	70.58 0.93 -34.68	22.87 1.12 16.20	50.31 1.10 -2.36	53.88 0.90 -9.07	52.51 1.32 0.00	52.58 1.52 0.00	-15.11 0.91 54.78	34.17 0.86 5.20	37.09 1.28 0.00	38.37 1.48 0.00
BATAVIA__115KV_TB1 55881	32.48 1.28 -0.64	27.27 1.12 -0.22	26.65 1.01 -0.07	25.71 1.06 0.00	24.70 1.15 -0.03	25.68 1.18 -0.04	25.93 1.16 -0.29	35.25 1.36 -0.84	32.96 1.05 -0.60	24.91 0.60 0.00	30.86 0.90 -0.19	38.80 1.17 -0.62	38.28 1.13 -0.82	37.71 0.94 -0.36	37.15 1.28 -0.91	40.42 1.26 -1.21	50.33 1.35 -2.14	47.13 1.29 -1.93	55.42 1.43 -2.80	54.74 1.12 -2.57	40.40 0.63 -1.01	40.81 1.26 -1.03	37.21 1.40 0.00	38.21 1.33 0.00
BAYONEEC___CTG1 323682	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG10 323750	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG2 323683	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG3 323684	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG4 323685	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG5 323686	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG6 323687	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG7 323688	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00

BAYONEEC___CTG8 323689	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BAYONEEC___CTG9 323749	32.04 1.48 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.82 1.16 0.00	24.50 0.97 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.73 2.05 -11.68	38.79 1.90 -0.56	38.23 1.82 0.00	38.44 1.67 -1.80	39.77 1.82 0.00	48.50 1.66 0.00	45.23 1.32 0.00	53.06 1.88 0.00	53.10 2.05 0.00	40.15 1.39 0.00	39.94 1.43 0.00	37.62 1.82 0.00	38.83 1.95 0.00
BEACON___LESR 323632	30.67 0.11 0.00	26.13 0.20 0.00	25.87 0.30 0.00	24.95 0.29 0.00	23.77 0.25 0.00	24.67 0.25 0.04	24.65 0.30 0.12	32.22 0.20 1.03	31.45 0.14 0.00	24.50 0.20 0.00	29.66 0.06 0.16	29.20 -0.02 7.79	35.99 0.04 0.37	36.47 0.06 0.00	33.64 -0.13 1.20	37.91 -0.04 0.00	46.81 -0.03 0.00	43.89 -0.02 0.00	51.05 -0.14 0.00	51.06 0.01 0.00	38.77 0.01 0.00	38.38 -0.12 0.00	35.92 0.11 0.00	37.01 0.13 0.00
BEAVER RIVER___HYD 24048	32.50 1.24 -0.71	27.16 0.99 -0.24	26.46 0.81 -0.08	25.40 0.75 0.00	24.31 0.76 -0.03	25.34 0.84 -0.04	25.63 0.84 -0.32	34.94 0.96 -0.93	32.93 0.95 -0.65	24.96 0.66 0.00	30.47 0.50 -0.20	37.95 0.27 -0.68	37.52 0.29 -0.91	37.13 0.32 -0.40	36.38 0.42 -1.00	39.92 0.64 -1.33	50.29 1.09 -2.36	47.71 1.56 -2.24	56.47 2.04 -3.25	56.08 2.05 -2.97	40.85 0.92 -1.17	40.50 0.79 -1.20	36.22 0.42 0.00	36.88 -0.01 0.00
BEEBEE_GT_13 23619	31.77 0.59 -0.62	26.67 0.53 -0.21	26.10 0.46 -0.07	25.14 0.49 0.00	24.09 0.54 -0.03	25.06 0.56 -0.04	25.33 0.58 -0.28	34.51 0.65 -0.82	32.38 0.48 -0.58	24.61 0.31 0.00	30.50 0.55 -0.18	38.39 0.78 -0.60	37.88 0.75 -0.80	37.45 0.68 -0.35	36.72 0.88 -0.88	40.04 0.91 -1.18	50.01 1.09 -2.08	46.73 0.96 -1.86	54.98 1.10 -2.69	54.39 0.87 -2.47	40.15 0.42 -0.97	40.28 0.77 -0.99	36.61 0.80 0.00	37.58 0.70 0.00
BENSHRST_27_KV_BENSHRST_1 355998	32.34 1.79 0.00	27.43 1.51 0.00	27.05 1.47 0.00	25.93 1.28 0.00	24.60 1.08 0.00	25.65 1.14 -0.05	25.81 1.15 -0.19	35.81 1.21 -1.55	32.71 1.40 0.00	25.61 1.31 0.00	31.72 1.71 -0.24	50.98 2.29 -11.68	38.97 2.08 -0.56	38.47 2.05 0.00	38.63 1.86 -1.80	39.99 2.04 0.00	48.64 1.80 0.00	45.36 1.45 0.00	53.28 2.10 0.00	53.35 2.29 0.00	40.31 1.55 0.00	40.14 1.63 0.00	37.87 2.07 0.00	39.01 2.13 0.00
BETHLEHEM___GRP 23843	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.07 0.12	31.77 -0.32 0.96	31.04 -0.28 0.00	24.18 -0.12 0.00	29.29 -0.33 0.15	29.28 -0.44 7.29	35.54 -0.44 0.35	36.00 -0.41 0.00	33.23 -0.61 1.13	37.28 -0.67 0.00	45.95 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
BETHLEHEM___GS1 323560	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.08 0.12	31.77 -0.32 0.96	31.05 -0.27 0.00	24.18 -0.12 0.00	29.29 -0.32 0.15	29.28 -0.43 7.29	35.54 -0.43 0.35	36.01 -0.40 0.00	33.24 -0.61 1.13	37.28 -0.67 0.00	45.96 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
BETHLEHEM___GS2 323561	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.08 0.12	31.77 -0.32 0.96	31.05 -0.27 0.00	24.18 -0.12 0.00	29.29 -0.32 0.15	29.28 -0.43 7.29	35.54 -0.43 0.35	36.01 -0.40 0.00	33.24 -0.61 1.13	37.28 -0.67 0.00	45.96 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
BETHLEHEM___GS3 323562	30.23 -0.33 0.00	25.77 -0.16 0.00	25.51 -0.07 0.00	24.62 -0.03 0.00	23.45 -0.07 0.00	24.36 -0.07 0.03	24.28 -0.08 0.12	31.77 -0.32 0.96	31.05 -0.27 0.00	24.18 -0.12 0.00	29.29 -0.32 0.15	29.28 -0.43 7.29	35.54 -0.43 0.35	36.01 -0.40 0.00	33.24 -0.61 1.13	37.28 -0.67 0.00	45.96 -0.88 0.00	43.01 -0.90 0.00	50.23 -0.96 0.00	50.24 -0.82 0.00	38.19 -0.57 0.00	37.92 -0.59 0.00	35.40 -0.40 0.00	36.49 -0.39 0.00
BETHLEHEM___STEEL 23779	32.03 0.82 -0.65	26.94 0.80 -0.22	26.31 0.66 -0.07	25.38 0.73 0.00	24.42 0.87 -0.03	25.38 0.88 -0.04	25.62 0.85 -0.29	34.82 0.92 -0.86	32.53 0.61 -0.61	24.71 0.41 0.00	30.76 0.80 -0.19	38.80 1.16 -0.63	38.18 1.02 -0.84	37.58 0.80 -0.37	37.07 1.18 -0.92	40.07 0.89 -1.23	49.98 0.95 -2.19	46.53 0.62 -2.00	54.61 0.53 -2.90	53.75 0.04 -2.65	39.58 -0.23 -1.05	40.06 0.48 -1.07	36.50 0.69 0.00	37.50 0.61 0.00
BETHLHEM_115KV_TB1 79974	30.35 -0.21 0.00	25.86 -0.06 0.00	25.60 0.03 0.00	24.70 0.05 0.00	23.53 0.00 0.00	24.42 -0.01 0.03	24.36 0.00 0.11	31.92 -0.22 0.91	31.13 -0.18 0.00	24.25 -0.05 0.00	29.40 -0.23 0.14	29.85 -0.32 6.84	35.69 -0.31 0.33	36.12 -0.29 0.00	33.44 -0.47 1.05	37.39 -0.56 0.00	46.11 -0.73 0.00	43.16 -0.75 0.00	50.40 -0.79 0.00	50.42 -0.64 0.00	38.31 -0.45 0.00	38.04 -0.47 0.00	35.53 -0.28 0.00	36.61 -0.27 0.00
BETHPAGE_CC_5 323564	31.81 1.25 0.00	27.16 1.23 0.00	26.76 1.19 0.00	25.62 0.97 0.00	24.31 0.79 0.00	25.26 0.75 -0.05	25.33 0.67 -0.19	35.02 0.43 -1.55	31.93 0.61 0.00	25.03 0.72 0.00	43.21 1.25 -12.18	58.20 1.60 -19.59	69.95 1.39 -32.23	118.72 1.29 -81.02	77.97 1.14 -41.87	69.35 1.22 -30.18	50.65 1.10 -2.70	55.26 0.96 -10.38	52.64 1.45 0.00	52.69 1.63 0.00	40.28 0.98 -0.55	46.55 0.93 -7.11	37.26 1.46 0.00	38.56 1.68 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	32.09 0.88 -0.65	26.99 0.84 -0.22	26.35 0.70 -0.07	25.42 0.77 0.00	24.45 0.90 -0.03	25.42 0.92 -0.04	25.67 0.90 -0.30	34.90 0.99 -0.86	32.62 0.69 -0.61	24.78 0.48 0.00	30.86 0.91 -0.19	38.85 1.20 -0.63	38.23 1.07 -0.84	37.64 0.86 -0.37	37.12 1.23 -0.93	40.14 0.95 -1.24	50.09 1.06 -2.19	46.63 0.71 -2.01	54.74 0.65 -2.90	53.88 0.16 -2.66	39.66 -0.15 -1.05	40.12 0.54 -1.07	36.55 0.75 0.00	37.54 0.66 0.00
BINGHAMTON___COGEN 23790	31.58 0.22 -0.79	26.48 0.28 -0.27	25.90 0.23 -0.09	24.87 0.21 0.00	23.82 0.26 -0.04	24.75 0.24 -0.05	25.09 0.25 -0.36	34.25 0.15 -1.04	32.10 0.04 -0.74	24.25 -0.05 0.00	30.04 0.04 -0.23	37.94 0.16 -0.77	37.49 0.14 -1.02	36.85 -0.01 -0.45	36.22 0.13 -1.13	39.61 0.16 -1.50	49.88 0.39 -2.66	46.65 0.24 -2.51	55.35 0.52 -3.64	54.80 0.41 -3.33	40.23 0.15 -1.31	40.10 0.25 -1.35	36.20 0.39 0.00	37.20 0.31 0.00

BIXINCNT_115KV_LOAD 355685	32.01 0.78 -0.66	26.97 0.82 -0.22	26.35 0.70 -0.07	25.40 0.75 0.00	24.42 0.87 -0.03	25.41 0.91 -0.04	25.65 0.88 -0.30	34.94 1.02 -0.87	32.59 0.65 -0.62	24.76 0.46 0.00	30.87 0.91 -0.19	38.86 1.21 -0.64	38.24 1.07 -0.85	37.51 0.72 -0.38	37.00 1.10 -0.94	40.11 0.92 -1.25	50.16 1.10 -2.21	46.72 0.78 -2.03	55.09 0.96 -2.94	54.24 0.48 -2.70	39.86 0.04 -1.06	40.08 0.48 -1.09	36.51 0.70 0.00	37.47 0.58 0.00
BLACK RIVER___HYD 24047	33.30 1.61 -1.14	27.61 1.30 -0.39	26.80 1.10 -0.13	25.67 1.02 0.00	24.59 1.02 -0.05	25.65 1.12 -0.07	26.10 1.11 -0.51	35.79 1.24 -1.49	33.57 1.19 -1.06	25.12 0.82 0.00	30.67 0.57 -0.33	38.38 0.27 -1.10	38.06 0.27 -1.46	37.44 0.39 -0.64	37.04 0.46 -1.61	40.84 0.75 -2.14	51.96 1.32 -3.80	49.52 2.00 -3.61	59.17 2.75 -5.23	58.64 2.80 -4.79	41.98 1.33 -1.89	41.60 1.15 -1.93	36.58 0.77 0.00	37.18 0.30 0.00
BLACKRVR_115KV_TB2 79977	33.30 1.61 -1.14	27.61 1.30 -0.39	26.80 1.10 -0.13	25.67 1.02 0.00	24.59 1.02 -0.05	25.65 1.12 -0.07	26.10 1.11 -0.51	35.79 1.25 -1.49	33.57 1.19 -1.06	25.12 0.81 0.00	30.67 0.57 -0.33	38.38 0.27 -1.10	38.06 0.27 -1.46	37.44 0.39 -0.64	37.04 0.46 -1.61	40.84 0.75 -2.14	51.96 1.32 -3.80	49.52 2.00 -3.61	59.17 2.75 -5.23	58.65 2.80 -4.79	41.99 1.34 -1.89	41.60 1.15 -1.93	36.58 0.77 0.00	37.18 0.30 0.00
BLDWN_LI_69_KV_BK4 356085	32.03 1.47 0.00	27.29 1.36 0.00	26.90 1.33 0.00	25.75 1.09 0.00	24.44 0.91 0.00	25.41 0.90 -0.05	25.48 0.82 -0.19	35.27 0.67 -1.55	32.18 0.87 0.00	25.23 0.93 0.00	44.92 1.45 -13.70	61.57 1.85 -22.72	75.35 1.66 -37.36	130.76 1.51 -92.84	82.51 1.27 -46.28	74.95 1.34 -35.66	51.17 1.31 -3.03	56.80 1.27 -11.63	53.14 1.95 0.00	53.17 2.11 0.00	43.20 1.36 -3.08	48.28 1.30 -8.47	37.51 1.71 0.00	38.76 1.88 0.00
BLISS_WT_PWR 323608	32.00 0.78 -0.66	26.97 0.82 -0.22	26.35 0.70 -0.07	25.41 0.75 0.00	24.43 0.88 -0.03	25.42 0.92 -0.04	25.65 0.87 -0.30	34.93 1.01 -0.87	32.56 0.63 -0.62	24.78 0.47 0.00	30.88 0.92 -0.19	38.88 1.23 -0.64	38.26 1.09 -0.85	37.51 0.73 -0.38	37.01 1.11 -0.94	40.11 0.91 -1.25	50.19 1.14 -2.21	46.74 0.80 -2.03	55.11 0.98 -2.94	54.27 0.52 -2.70	39.87 0.05 -1.06	40.08 0.48 -1.09	36.51 0.70 0.00	37.46 0.58 0.00
BLUESTONE___WT_PWR 323821	32.62 1.38 -0.69	27.40 1.24 -0.23	26.82 1.17 -0.08	25.76 1.11 0.00	24.66 1.10 -0.03	25.65 1.15 -0.04	25.98 1.20 -0.31	35.41 1.46 -0.90	33.20 1.25 -0.64	25.12 0.82 0.00	30.88 0.91 -0.20	38.88 1.21 -0.66	38.39 1.18 -0.88	37.83 1.03 -0.39	36.99 1.05 -0.97	40.61 1.37 -1.30	51.34 2.21 -2.30	48.18 2.10 -2.17	57.21 2.87 -3.14	56.80 2.87 -2.88	41.78 1.88 -1.14	41.18 1.50 -1.16	37.14 1.33 0.00	38.56 1.67 0.00
BLUE_CIRC_CHEM_DRP 24182	30.75 0.19 0.00	26.18 0.25 0.00	25.90 0.32 0.00	25.02 0.36 0.00	23.83 0.31 0.00	24.75 0.31 0.02	24.70 0.30 0.07	32.66 0.20 0.59	31.41 0.10 0.00	24.34 0.04 0.00	29.51 -0.17 0.09	32.34 -0.21 4.46	35.97 -0.14 0.21	36.28 -0.13 0.00	33.86 -0.42 0.69	37.11 -0.84 0.00	45.63 -1.21 0.00	42.76 -1.15 0.00	49.99 -1.19 0.00	49.99 -1.06 0.00	37.99 -0.77 0.00	37.74 -0.77 0.00	35.21 -0.60 0.00	36.28 -0.60 0.00
BOC_GAS_DRP 24189	30.64 0.08 0.00	26.10 0.17 0.00	25.82 0.25 0.00	24.90 0.25 0.00	23.72 0.20 0.00	24.62 0.18 0.02	24.56 0.16 0.07	32.49 0.01 0.57	31.36 0.05 0.00	24.42 0.12 0.00	29.71 0.03 0.09	32.73 0.03 4.31	36.14 0.02 0.21	36.46 0.05 0.00	34.19 -0.11 0.66	37.80 -0.15 0.00	46.53 -0.31 0.00	43.53 -0.38 0.00	50.83 -0.35 0.00	50.84 -0.21 0.00	38.61 -0.15 0.00	38.36 -0.15 0.00	35.85 0.04 0.00	36.94 0.06 0.00
BOONVILLE_115KV_TB1 79983	31.88 0.92 -0.40	26.84 0.77 -0.14	26.31 0.70 -0.05	25.31 0.66 0.00	24.18 0.64 -0.02	25.18 0.69 -0.03	25.36 0.70 -0.18	34.39 0.82 -0.52	32.45 0.76 -0.37	24.83 0.52 0.00	30.34 0.46 -0.12	37.85 0.45 -0.39	37.27 0.43 -0.52	37.09 0.45 -0.23	36.05 0.51 -0.57	39.44 0.73 -0.76	49.29 1.12 -1.34	46.53 1.34 -1.28	54.79 1.76 -1.85	54.50 1.75 -1.70	40.38 0.95 -0.67	40.07 0.88 -0.68	36.49 0.68 0.00	37.33 0.44 0.00
BORALEX_4TH_BRANCH 23824	31.06 0.50 0.00	26.49 0.56 0.00	26.25 0.68 0.00	25.26 0.61 0.00	24.05 0.53 0.00	24.92 0.57 0.11	24.77 0.67 0.38	30.53 0.59 3.11	31.82 0.51 0.00	24.87 0.56 0.00	29.69 0.41 0.49	13.97 0.47 23.51	35.69 0.49 1.13	37.14 0.72 0.00	31.72 0.38 3.63	38.34 0.39 0.00	47.42 0.58 0.00	44.51 0.60 0.00	51.89 0.70 0.00	51.89 0.84 0.00	39.62 0.86 0.00	39.26 0.75 0.00	36.62 0.81 0.00	37.78 0.90 0.00
BOWLINE___1 23526	31.62 1.07 0.00	26.97 1.04 0.00	26.64 1.07 0.00	25.56 0.91 0.00	24.27 0.75 0.00	25.32 0.81 -0.05	25.45 0.79 -0.18	35.28 0.76 -1.46	32.21 0.90 0.00	25.17 0.87 0.00	31.13 1.13 -0.23	49.61 1.53 -11.08	38.29 1.43 -0.53	37.76 1.35 0.00	37.87 1.20 -1.71	39.29 1.34 0.00	48.10 1.26 0.00	44.92 1.01 0.00	52.73 1.54 0.00	52.74 1.69 0.00	39.86 1.10 0.00	39.62 1.11 0.00	37.25 1.45 0.00	38.43 1.54 0.00
BOWLINE___2 23595	31.62 1.06 0.00	26.97 1.04 0.00	26.63 1.06 0.00	25.56 0.91 0.00	24.27 0.74 0.00	25.32 0.81 -0.05	25.45 0.79 -0.18	35.27 0.75 -1.46	32.21 0.89 0.00	25.16 0.86 0.00	31.12 1.12 -0.23	49.60 1.51 -11.08	38.26 1.41 -0.53	37.75 1.33 0.00	37.87 1.20 -1.71	39.28 1.34 0.00	48.09 1.25 0.00	44.90 0.99 0.00	52.72 1.53 0.00	52.71 1.66 0.00	39.85 1.09 0.00	39.61 1.10 0.00	37.24 1.44 0.00	38.42 1.54 0.00
BRADY___115KV_TB2 356060	31.37 0.81 0.00	26.49 0.57 0.00	26.02 0.45 0.00	25.05 0.40 0.00	23.96 0.44 0.00	24.99 0.53 0.00	25.06 0.58 0.00	34.13 1.08 0.00	32.34 1.03 0.00	24.94 0.63 0.00	30.56 0.79 0.00	37.71 0.70 0.00	37.09 0.76 0.00	37.28 0.87 0.00	35.81 0.85 0.00	38.74 0.79 0.00	48.05 1.21 0.00	45.11 1.20 0.00	52.51 1.32 0.00	52.34 1.28 0.00	39.93 1.18 0.00	39.59 1.08 0.00	36.46 0.66 0.00	37.47 0.59 0.00
BRANSCOMB___SOLAR 323811	31.32 0.76 0.00	26.69 0.76 0.00	26.39 0.82 0.00	25.42 0.77 0.00	24.22 0.70 0.00	25.17 0.76 0.05	25.11 0.81 0.18	32.42 0.85 1.48	31.98 0.67 0.00	24.87 0.57 0.00	29.94 0.40 0.23	26.28 0.46 11.19	36.34 0.55 0.54	37.12 0.71 0.00	33.62 0.38 1.73	38.45 0.50 0.00	47.66 0.82 0.00	44.97 1.06 0.00	52.51 1.32 0.00	52.49 1.43 0.00	39.91 1.15 0.00	39.60 1.09 0.00	36.91 1.10 0.00	38.01 1.13 0.00
BRDGHMPT_69_KV_BK1 55812	32.07 1.51 0.00	27.45 1.52 0.00	27.03 1.45 0.00	25.85 1.20 0.00	24.62 1.10 0.00	25.61 1.10 -0.05	25.70 1.04 -0.19	35.47 0.87 -1.55	32.44 1.12 0.00	25.47 1.17 0.00	41.99 1.80 -10.42	56.72 2.24 -17.46	65.38 1.99 -27.07	106.72 1.97 -68.34	73.15 2.03 -36.15	65.41 2.48 -24.99	51.85 2.69 -2.32	55.24 2.44 -8.89	54.25 3.06 0.00	54.34 3.29 0.00	40.25 2.12 0.64	46.28 1.91 -5.85	38.09 2.28 0.00	39.30 2.41 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	32.09 1.53 0.00	27.40 1.47 0.00	26.98 1.41 0.00	25.83 1.17 0.00	24.50 0.98 0.00	25.44 0.93 -0.05	25.48 0.82 -0.19	35.21 0.61 -1.55	32.13 0.82 0.00	25.20 0.90 0.00	41.86 1.50 -10.59	56.60 1.91 -17.68	65.51 1.61 -27.58	107.41 1.41 -69.58	72.86 1.18 -36.72	64.81 1.37 -25.50	50.75 1.56 -2.35	54.42 1.47 -9.03	53.33 2.14 0.00	53.43 2.37 0.00	39.73 1.49 0.51	45.89 1.40 -5.98	37.65 1.85 0.00	38.91 2.03 0.00
BRISTLHL_115KV_TB1 79998	31.37 -0.13 -0.94	26.16 -0.09 -0.32	25.57 -0.11 -0.11	24.56 -0.10 0.00	23.48 -0.08 -0.04	24.43 -0.09 -0.06	24.82 -0.08 -0.42	34.08 -0.21 -1.24	31.94 -0.26 -0.88	24.02 -0.28 0.00	29.70 -0.35 -0.27	37.51 -0.40 -0.91	37.19 -0.35 -1.21	36.53 -0.41 -0.53	36.06 -0.24 -1.33	39.58 -0.15 -1.78	49.76 -0.23 -3.15	46.81 -0.10 -3.00	55.60 0.06 -4.35	55.09 0.05 -3.99	40.22 -0.11 -1.58	40.07 -0.05 -1.61	35.81 0.00 0.00	36.82 -0.06 0.00
BROOKHAVEN___DRP 24191	31.67 1.11 0.00	27.05 1.12 0.00	26.64 1.07 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.14 0.63 -0.05	25.18 0.51 -0.19	34.76 0.17 -1.55	31.73 0.42 0.00	24.92 0.62 0.00	41.27 1.09 -10.41	55.81 1.35 -17.46	64.45 1.07 -27.05	105.74 1.03 -68.30	72.17 1.07 -36.14	64.26 1.34 -24.97	50.48 1.33 -2.31	53.97 1.18 -8.89	52.88 1.69 0.00	52.93 1.87 0.00	39.21 1.09 0.64	45.31 0.95 -5.85	37.25 1.44 0.00	38.47 1.59 0.00
BROOKLYN_NAVY_YARD 23515	32.01 1.45 0.00	27.22 1.29 0.00	26.86 1.28 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.67 1.01 -0.19	35.64 1.04 -1.55	32.53 1.22 0.00	25.45 1.15 0.00	31.55 1.50 -0.29	51.67 1.98 -12.68	39.33 1.83 -1.17	39.19 1.73 -1.04	38.34 1.57 -1.80	40.52 1.71 -0.86	48.39 1.55 0.00	45.12 1.21 0.00	52.93 1.74 0.00	53.11 2.06 0.00	41.28 1.42 -1.10	40.14 1.40 -0.23	37.56 1.76 0.00	38.77 1.89 0.00
BROOKLYN___ARMY_DRP 323595	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
BROOME_2_LFGE 323671	31.58 0.22 -0.79	26.48 0.28 -0.27	25.90 0.23 -0.09	24.86 0.21 0.00	23.82 0.26 -0.04	24.75 0.24 -0.05	25.09 0.25 -0.36	34.24 0.15 -1.04	32.10 0.04 -0.74	24.25 -0.05 0.00	30.04 0.04 -0.23	37.94 0.16 -0.77	37.49 0.14 -1.02	36.85 -0.02 -0.45	36.23 0.13 -1.13	39.61 0.15 -1.50	49.88 0.39 -2.66	46.65 0.24 -2.51	55.35 0.53 -3.64	54.80 0.42 -3.33	40.22 0.15 -1.31	40.10 0.25 -1.35	36.20 0.39 0.00	37.20 0.31 0.00
BROOME___LFGE 323600	31.58 0.22 -0.79	26.48 0.28 -0.27	25.90 0.23 -0.09	24.86 0.21 0.00	23.82 0.26 -0.04	24.75 0.24 -0.05	25.09 0.25 -0.36	34.24 0.15 -1.04	32.10 0.04 -0.74	24.25 -0.05 0.00	30.04 0.04 -0.23	37.94 0.16 -0.77	37.49 0.14 -1.02	36.85 -0.02 -0.45	36.23 0.13 -1.13	39.61 0.15 -1.50	49.88 0.39 -2.66	46.65 0.24 -2.51	55.35 0.53 -3.64	54.80 0.42 -3.33	40.22 0.15 -1.31	40.10 0.25 -1.35	36.20 0.39 0.00	37.20 0.31 0.00
BROWNFLS_115KV_TB 3_5 80003	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.14 0.65 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.91 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.46 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
BROWNSV1_27_KV_LOAD 356125	32.42 1.86 0.00	27.56 1.63 0.00	27.18 1.60 0.00	26.08 1.43 0.00	24.75 1.23 0.00	25.80 1.28 -0.05	25.95 1.29 -0.19	36.01 1.41 -1.55	32.88 1.57 0.00	25.74 1.44 0.00	31.90 1.89 -0.24	51.20 2.51 -11.68	39.26 2.37 -0.56	38.70 2.29 0.00	38.89 2.12 -1.80	40.25 2.31 0.00	49.13 2.29 0.00	45.83 1.92 0.00	53.74 2.55 0.00	53.77 2.72 0.00	40.66 1.91 0.00	40.45 1.94 0.00	38.07 2.26 0.00	39.28 2.39 0.00
BURROWS___LYONSDAL 23803	32.02 1.00 -0.46	26.91 0.83 -0.16	26.36 0.73 -0.05	25.34 0.69 0.00	24.22 0.68 -0.02	25.23 0.74 -0.03	25.42 0.74 -0.21	34.50 0.84 -0.60	32.54 0.79 -0.43	24.86 0.56 0.00	30.37 0.47 -0.13	37.86 0.40 -0.45	37.29 0.37 -0.59	37.07 0.40 -0.26	36.10 0.48 -0.65	39.52 0.70 -0.87	49.48 1.10 -1.54	46.77 1.39 -1.47	55.14 1.83 -2.13	54.85 1.85 -1.95	40.45 0.92 -0.77	40.11 0.82 -0.79	36.37 0.57 0.00	37.15 0.27 0.00
CAITHNESS_CC_1 323624	31.66 1.10 0.00	27.04 1.11 0.00	26.64 1.07 0.00	25.50 0.85 0.00	24.21 0.69 0.00	25.14 0.63 -0.05	25.17 0.51 -0.19	34.76 0.17 -1.55	31.72 0.41 0.00	24.91 0.61 0.00	41.27 1.09 -10.41	55.81 1.35 -17.45	64.44 1.08 -27.04	105.69 1.01 -68.27	72.13 1.05 -36.12	64.22 1.31 -24.96	50.43 1.27 -2.31	53.90 1.11 -8.88	52.81 1.62 0.00	52.87 1.81 0.00	39.16 1.04 0.64	45.26 0.90 -5.85	37.22 1.41 0.00	38.45 1.57 0.00
CALPINE BETH_PAGE_GT4 24209	31.85 1.29 0.00	27.17 1.24 0.00	26.77 1.20 0.00	25.63 0.98 0.00	24.32 0.80 0.00	25.28 0.77 -0.05	25.34 0.68 -0.19	35.06 0.46 -1.55	31.97 0.66 0.00	25.07 0.77 0.00	44.05 1.30 -12.98	59.20 1.66 -20.53	72.34 1.44 -34.57	124.54 1.36 -86.77	80.61 1.17 -44.47	71.66 1.18 -32.53	50.78 1.06 -2.88	55.92 0.94 -11.07	52.62 1.43 0.00	52.66 1.60 0.00	40.80 0.97 -1.07	47.12 0.94 -7.67	37.30 1.49 0.00	38.57 1.69 0.00
CALPINE_BETH_PAGE_GT_4 323586	31.85 1.29 0.00	27.17 1.24 0.00	26.77 1.20 0.00	25.63 0.98 0.00	24.32 0.80 0.00	25.28 0.76 -0.05	25.34 0.68 -0.19	35.06 0.47 -1.55	31.98 0.66 0.00	25.07 0.77 0.00	44.06 1.30 -12.98	59.20 1.66 -20.53	72.34 1.45 -34.57	124.52 1.34 -86.77	80.61 1.17 -44.47	71.67 1.19 -32.53	50.78 1.06 -2.88	55.91 0.94 -11.07	52.62 1.43 0.00	52.66 1.60 0.00	40.79 0.97 -1.07	47.11 0.93 -7.67	37.30 1.49 0.00	38.57 1.69 0.00
CALPINE_BP_GT1 23823	31.85 1.29 0.00	27.17 1.24 0.00	26.77 1.20 0.00	25.63 0.98 0.00	24.32 0.80 0.00	25.28 0.76 -0.05	25.34 0.68 -0.19	35.06 0.47 -1.55	31.98 0.66 0.00	25.07 0.77 0.00	44.06 1.30 -12.98	59.20 1.66 -20.53	72.34 1.45 -34.57	124.52 1.34 -86.77	80.61 1.17 -44.47	71.67 1.19 -32.53	50.78 1.06 -2.88	55.91 0.94 -11.07	52.62 1.43 0.00	52.66 1.60 0.00	40.79 0.97 -1.07	47.11 0.93 -7.67	37.30 1.49 0.00	38.57 1.69 0.00
CALSPAN___DRP 24200	32.03 0.82 -0.65	26.94 0.80 -0.22	26.31 0.66 -0.07	25.38 0.73 0.00	24.42 0.87 -0.03	25.38 0.88 -0.04	25.62 0.85 -0.29	34.82 0.92 -0.86	32.53 0.61 -0.61	24.71 0.41 0.00	30.76 0.80 -0.19	38.80 1.16 -0.63	38.18 1.02 -0.84	37.58 0.80 -0.37	37.07 1.18 -0.92	40.07 0.89 -1.23	49.98 0.95 -2.19	46.53 0.62 -2.00	54.61 0.53 -2.90	53.75 0.04 -2.65	39.58 -0.23 -1.05	40.06 0.48 -1.07	36.50 0.69 0.00	37.50 0.61 0.00

CALVERTON___SOLAR 323806	31.71 1.15 0.00	27.08 1.16 0.00	26.68 1.11 0.00	25.53 0.88 0.00	24.24 0.72 0.00	25.18 0.67 -0.05	25.22 0.56 -0.19	34.83 0.23 -1.55	31.80 0.48 0.00	24.96 0.66 0.00	41.31 1.13 -10.42	55.87 1.40 -17.46	64.52 1.14 -27.06	105.82 1.09 -68.32	72.27 1.16 -36.14	64.40 1.47 -24.98	50.62 1.47 -2.31	54.11 1.31 -8.89	53.03 1.84 0.00	53.08 2.03 0.00	39.32 1.19 0.64	45.41 1.04 -5.85	37.33 1.53 0.00	38.56 1.67 0.00
CANDIGU_WT_PWR 323617	31.67 0.36 -0.76	26.65 0.46 -0.26	26.00 0.34 -0.08	25.00 0.34 0.00	24.04 0.48 -0.04	24.94 0.43 -0.05	25.21 0.39 -0.34	34.36 0.32 -0.99	31.93 -0.09 -0.71	24.05 -0.25 0.00	29.81 -0.18 -0.22	37.70 -0.04 -0.73	37.25 -0.05 -0.97	36.50 -0.35 -0.43	36.09 0.05 -1.07	39.41 0.04 -1.43	49.72 0.35 -2.53	46.40 0.14 -2.35	55.02 0.42 -3.41	54.35 0.17 -3.13	39.81 -0.18 -1.23	39.62 -0.16 -1.26	35.63 -0.17 0.00	36.56 -0.32 0.00
CARR STREET_E_SYR 24060	31.39 -0.26 -1.09	26.10 -0.19 -0.37	25.48 -0.21 -0.12	24.46 -0.19 0.00	23.40 -0.17 -0.05	24.35 -0.18 -0.07	24.80 -0.17 -0.49	34.13 -0.35 -1.42	31.93 -0.40 -1.01	23.95 -0.36 0.00	29.68 -0.41 -0.31	37.58 -0.48 -1.05	37.28 -0.44 -1.40	36.56 -0.47 -0.62	36.14 -0.36 -1.54	39.70 -0.30 -2.05	50.18 -0.30 -3.64	47.12 -0.25 -3.47	56.02 -0.19 -5.03	55.42 -0.24 -4.60	40.25 -0.33 -1.82	40.11 -0.26 -1.86	35.64 -0.17 0.00	36.64 -0.25 0.00
CARTHAGE___PAPER 23857	33.11 1.58 -0.97	27.53 1.28 -0.33	26.76 1.08 -0.11	25.65 0.99 0.00	24.57 1.00 -0.04	25.63 1.10 -0.06	26.01 1.10 -0.44	35.62 1.30 -1.27	33.47 1.26 -0.90	25.16 0.86 0.00	30.69 0.63 -0.28	38.31 0.37 -0.94	38.01 0.44 -1.25	37.45 0.49 -0.55	36.89 0.55 -1.37	40.59 0.81 -1.83	51.55 1.47 -3.24	49.03 2.04 -3.08	58.36 2.71 -4.46	57.88 2.73 -4.09	41.74 1.36 -1.61	41.36 1.19 -1.65	36.58 0.77 0.00	37.22 0.34 0.00
CASSADAGA_WT_PWR 323784	32.37 1.15 -0.66	27.27 1.12 -0.22	26.58 0.94 -0.07	25.57 0.92 0.00	24.65 1.09 -0.03	25.61 1.11 -0.04	25.94 1.17 -0.30	35.19 1.28 -0.86	32.81 0.88 -0.61	24.83 0.53 0.00	31.00 1.04 -0.19	39.23 1.59 -0.64	38.58 1.41 -0.85	37.89 1.10 -0.37	37.47 1.58 -0.93	40.44 1.25 -1.24	50.70 1.66 -2.20	47.22 1.29 -2.02	55.73 1.62 -2.93	54.81 1.08 -2.68	40.12 0.30 -1.06	40.10 0.51 -1.08	36.55 0.74 0.00	36.81 -0.07 0.00
CE_DUNWOOD___DRP 24194	31.80 1.24 0.00	27.08 1.16 0.00	26.74 1.17 0.00	25.67 1.02 0.00	24.37 0.85 0.00	25.40 0.89 -0.05	25.54 0.87 -0.19	35.45 0.86 -1.54	32.32 1.01 0.00	25.28 0.97 0.00	31.31 1.30 -0.24	50.40 1.74 -11.66	38.50 1.62 -0.56	37.97 1.56 0.00	38.16 1.39 -1.80	39.48 1.53 0.00	48.29 1.45 0.00	45.08 1.17 0.00	52.87 1.68 0.00	52.90 1.84 0.00	40.00 1.24 0.00	39.76 1.24 0.00	37.40 1.59 0.00	38.58 1.70 0.00
CE_MILLWOOD___DRP 24193	31.72 1.16 0.00	27.03 1.10 0.00	26.69 1.11 0.00	25.62 0.97 0.00	24.33 0.81 0.00	25.36 0.85 -0.05	25.50 0.84 -0.19	35.39 0.81 -1.54	32.27 0.95 0.00	25.23 0.92 0.00	31.23 1.22 -0.24	50.26 1.64 -11.60	38.41 1.53 -0.56	37.89 1.48 0.00	38.07 1.31 -1.79	39.40 1.45 0.00	48.21 1.37 0.00	45.01 1.11 0.00	52.78 1.60 0.00	52.81 1.76 0.00	39.94 1.18 0.00	39.70 1.19 0.00	37.32 1.52 0.00	38.51 1.62 0.00
CE_NYC2_DRP 24202	31.97 1.41 0.00	27.20 1.28 0.00	26.85 1.27 0.00	25.78 1.13 0.00	24.46 0.94 0.00	25.51 0.99 -0.05	25.64 0.98 -0.19	35.60 1.00 -1.55	32.50 1.18 0.00	25.45 1.15 0.00	31.53 1.52 -0.24	50.71 2.02 -11.68	38.74 1.86 -0.56	38.21 1.80 0.00	38.40 1.63 -1.80	39.70 1.75 0.00	48.36 1.52 0.00	45.09 1.18 0.00	52.88 1.69 0.00	52.91 1.86 0.00	40.02 1.26 0.00	39.83 1.31 0.00	37.57 1.77 0.00	38.81 1.93 0.00
CE_NYC_DRP 24195	32.11 1.55 0.00	27.30 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.58 1.07 -0.05	25.73 1.07 -0.19	35.72 1.12 -1.55	32.60 1.28 0.00	25.51 1.21 0.00	31.61 1.60 -0.24	50.82 2.13 -11.68	38.88 1.99 -0.56	38.33 1.92 0.00	38.53 1.76 -1.80	39.86 1.91 0.00	48.64 1.80 0.00	45.37 1.46 0.00	53.21 2.02 0.00	53.24 2.19 0.00	40.27 1.51 0.00	40.04 1.53 0.00	37.71 1.90 0.00	38.91 2.02 0.00
CHAFFEE___LFGE 323603	32.11 0.89 -0.66	26.99 0.84 -0.22	26.35 0.70 -0.07	25.42 0.77 0.00	24.45 0.90 -0.03	25.42 0.92 -0.04	25.66 0.89 -0.30	34.88 0.97 -0.86	32.62 0.69 -0.61	24.79 0.49 0.00	30.85 0.89 -0.19	38.88 1.24 -0.64	38.30 1.12 -0.85	37.69 0.90 -0.37	37.17 1.28 -0.93	40.19 0.99 -1.24	50.18 1.14 -2.20	46.72 0.80 -2.02	54.87 0.77 -2.92	54.02 0.29 -2.67	39.74 -0.07 -1.06	40.20 0.61 -1.08	36.59 0.79 0.00	37.59 0.70 0.00
CHATEAUG_35_KV_LOAD 355732	31.34 0.78 0.00	26.38 0.46 0.00	25.96 0.38 0.00	24.99 0.33 0.00	23.88 0.36 0.00	25.02 0.56 0.00	25.11 0.64 0.00	34.05 1.00 0.00	32.21 0.89 0.00	24.92 0.62 0.00	30.52 0.74 0.00	37.84 0.83 0.00	37.18 0.85 0.00	37.29 0.88 0.00	35.83 0.87 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.18 1.27 0.00	52.32 1.13 0.00	52.00 0.95 0.00	39.44 0.69 0.00	39.05 0.54 0.00	35.87 0.07 0.00	36.90 0.02 0.00
CHATEAUG_WT_PWR 323614	31.30 0.75 0.00	26.36 0.43 0.00	25.95 0.37 0.00	24.98 0.32 0.00	23.86 0.34 0.00	25.00 0.54 0.00	25.09 0.62 0.00	33.99 0.94 0.00	32.16 0.85 0.00	24.91 0.61 0.00	30.51 0.75 0.00	37.83 0.82 0.00	37.17 0.85 0.00	37.30 0.89 0.00	35.82 0.85 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.14 1.23 0.00	52.24 1.05 0.00	51.89 0.83 0.00	39.31 0.55 0.00	38.92 0.41 0.00	35.82 0.01 0.00	36.84 -0.05 0.00
CHAT_HIGH_FALL_HYD 323578	31.34 0.78 0.00	26.38 0.46 0.00	25.96 0.38 0.00	24.99 0.33 0.00	23.88 0.36 0.00	25.02 0.56 0.00	25.11 0.64 0.00	34.05 1.00 0.00	32.21 0.89 0.00	24.92 0.62 0.00	30.52 0.74 0.00	37.84 0.83 0.00	37.18 0.85 0.00	37.29 0.88 0.00	35.83 0.87 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.18 1.27 0.00	52.32 1.13 0.00	52.00 0.95 0.00	39.44 0.69 0.00	39.05 0.54 0.00	35.87 0.07 0.00	36.90 0.02 0.00
CHAUTAUQUA___LFGE 323629	32.10 0.89 -0.65	27.06 0.91 -0.22	26.36 0.71 -0.07	25.37 0.72 0.00	24.46 0.91 -0.03	25.41 0.90 -0.04	25.73 0.95 -0.30	34.90 0.98 -0.86	32.54 0.61 -0.61	24.61 0.31 0.00	30.73 0.77 -0.19	38.88 1.24 -0.63	38.29 1.12 -0.84	37.57 0.79 -0.37	37.16 1.26 -0.93	40.08 0.89 -1.24	50.27 1.24 -2.19	46.78 0.86 -2.01	55.14 1.04 -2.91	54.24 0.52 -2.67	39.80 -0.01 -1.05	40.04 0.46 -1.08	36.51 0.70 0.00	37.10 0.21 0.00
CHERRYST_13_KV_LD 356241	32.21 1.65 0.00	27.39 1.46 0.00	27.01 1.44 0.00	25.93 1.28 0.00	24.61 1.09 0.00	25.66 1.15 -0.05	25.80 1.14 -0.19	35.82 1.22 -1.55	32.70 1.38 0.00	25.59 1.29 0.00	31.73 1.71 -0.24	50.96 2.27 -11.68	39.01 2.13 -0.56	38.46 2.05 0.00	38.66 1.89 -1.80	39.99 2.05 0.00	48.83 1.99 0.00	45.54 1.63 0.00	53.39 2.20 0.00	53.42 2.36 0.00	40.40 1.64 0.00	40.18 1.67 0.00	37.82 2.01 0.00	39.03 2.14 0.00

CHESTROR_138KV_BK263 355645	31.48 0.92 0.00	26.84 0.91 0.00	26.51 0.94 0.00	25.46 0.81 0.00	24.19 0.67 0.00	25.22 0.71 -0.05	25.33 0.68 -0.17	35.04 0.62 -1.38	32.06 0.75 0.00	25.02 0.72 0.00	30.91 0.92 -0.22	48.66 1.24 -10.41	37.98 1.15 -0.50	37.53 1.11 0.00	37.53 0.96 -1.61	39.06 1.11 0.00	47.91 1.07 0.00	44.76 0.85 0.00	52.51 1.33 0.00	52.53 1.48 0.00	39.73 0.97 0.00	39.49 0.98 0.00	37.09 1.28 0.00	38.23 1.35 0.00
CH_MIDHUDSON___DRP 24192	31.63 1.07 0.00	26.93 1.00 0.00	26.59 1.02 0.00	25.56 0.90 0.00	24.28 0.76 0.00	25.29 0.78 -0.05	25.41 0.76 -0.18	35.26 0.73 -1.48	32.17 0.85 0.00	25.13 0.83 0.00	31.07 1.07 -0.23	49.58 1.42 -11.15	38.18 1.32 -0.54	37.73 1.32 0.00	37.85 1.16 -1.72	39.27 1.32 0.00	48.16 1.32 0.00	45.00 1.09 0.00	52.75 1.56 0.00	52.78 1.73 0.00	39.94 1.18 0.00	39.68 1.17 0.00	37.23 1.43 0.00	38.38 1.50 0.00
CH_MISC_IPPS 23765	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.38 1.06 0.00	25.27 0.97 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.42 1.57 -0.52	37.98 1.57 0.00	38.05 1.40 -1.68	39.56 1.62 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.48 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00
CH_RES_BVR_FALLS 23983	30.56 0.00 0.00	25.93 0.00 0.00	25.55 -0.02 0.00	24.63 -0.03 0.00	23.51 -0.01 0.00	24.45 0.00 0.00	24.45 -0.03 0.00	33.05 -0.01 0.00	31.37 0.06 0.00	24.36 0.06 0.00	29.85 0.07 0.00	37.06 0.05 0.00	36.33 0.00 0.00	36.41 0.00 0.00	35.07 0.10 0.00	37.99 0.04 0.00	46.88 0.04 0.00	44.02 0.11 0.00	51.16 -0.03 0.00	50.79 -0.26 0.00	38.61 -0.15 0.00	38.26 -0.25 0.00	35.41 -0.40 0.00	36.37 -0.51 0.00
CH_RES_NIAGARA 23895	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.08 0.43 0.00	24.13 0.58 -0.03	25.08 0.58 -0.04	25.28 0.52 -0.29	34.19 0.30 -0.83	32.01 0.10 -0.59	24.31 0.02 0.00	30.30 0.35 -0.18	38.17 0.55 -0.62	37.54 0.39 -0.82	36.99 0.22 -0.36	36.48 0.62 -0.90	39.32 0.16 -1.20	48.77 -0.20 -2.13	45.37 -0.48 -1.94	52.93 -1.07 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.45 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
CH_RES_SYRACUSE 23985	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.16 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.18 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.03 -2.94	52.17 0.12 -5.22	49.05 0.13 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.97 0.09 0.00
CLINTON_WT_PWR 323605	31.30 0.75 0.00	26.36 0.43 0.00	25.95 0.37 0.00	24.98 0.32 0.00	23.86 0.34 0.00	25.00 0.54 0.00	25.09 0.62 0.00	33.99 0.94 0.00	32.16 0.85 0.00	24.91 0.61 0.00	30.51 0.75 0.00	37.83 0.82 0.00	37.17 0.85 0.00	37.30 0.89 0.00	35.82 0.85 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.14 1.23 0.00	52.24 1.05 0.00	51.89 0.83 0.00	39.31 0.55 0.00	38.92 0.41 0.00	35.82 0.01 0.00	36.84 -0.05 0.00
CLINTON___LFGE 323618	31.78 1.22 0.00	26.68 0.75 0.00	26.28 0.71 0.00	25.29 0.63 0.00	24.15 0.63 0.00	25.40 0.94 0.00	25.52 1.04 0.00	34.48 1.43 0.00	32.59 1.27 0.00	25.21 0.91 0.00	30.85 1.08 0.00	38.23 1.22 0.00	37.53 1.20 0.00	37.68 1.27 0.00	36.14 1.17 0.00	39.18 1.23 0.00	48.46 1.62 0.00	45.77 1.86 0.00	52.96 1.78 0.00	52.60 1.54 0.00	39.78 1.02 0.00	39.35 0.84 0.00	36.27 0.47 0.00	37.22 0.33 0.00
COBBLENY_34_KV_TB1 80064	32.11 0.89 -0.66	26.99 0.84 -0.22	26.35 0.70 -0.07	25.42 0.77 0.00	24.45 0.90 -0.03	25.42 0.92 -0.04	25.66 0.89 -0.30	34.90 0.98 -0.86	32.63 0.70 -0.61	24.79 0.49 0.00	30.85 0.89 -0.19	38.88 1.24 -0.64	38.29 1.12 -0.85	37.69 0.90 -0.37	37.16 1.27 -0.93	40.21 1.01 -1.24	50.18 1.14 -2.20	46.72 0.80 -2.02	54.88 0.78 -2.92	54.02 0.29 -2.67	39.75 -0.07 -1.06	40.20 0.61 -1.08	36.59 0.78 0.00	37.59 0.70 0.00
COFFEEN___115KV_TB3 355620	33.50 1.77 -1.17	27.76 1.44 -0.39	26.94 1.24 -0.13	25.80 1.14 0.00	24.72 1.15 -0.05	25.79 1.25 -0.08	26.25 1.25 -0.53	36.03 1.45 -1.53	33.77 1.37 -1.09	25.22 0.92 0.00	30.77 0.67 -0.34	38.49 0.35 -1.13	38.17 0.34 -1.50	37.55 0.48 -0.66	37.15 0.54 -1.65	40.96 0.81 -2.20	52.20 1.46 -3.90	49.83 2.21 -3.70	59.65 3.10 -5.37	59.16 3.18 -4.92	42.35 1.65 -1.94	41.96 1.47 -1.98	36.85 1.05 0.00	37.46 0.58 0.00
COLDSPRG_115KV_BK1 355956	32.33 1.11 -0.66	27.26 1.10 -0.22	26.60 0.95 -0.07	25.60 0.95 0.00	24.63 1.08 -0.03	25.62 1.12 -0.04	25.96 1.19 -0.30	35.28 1.35 -0.87	32.93 0.99 -0.62	24.91 0.61 0.00	31.09 1.12 -0.19	39.30 1.65 -0.64	38.60 1.43 -0.85	37.91 1.12 -0.38	37.43 1.52 -0.94	40.47 1.27 -1.25	50.74 1.68 -2.22	47.25 1.31 -2.04	55.91 1.78 -2.95	55.06 1.30 -2.70	40.40 0.58 -1.07	40.52 0.92 -1.09	36.97 1.17 0.00	37.58 0.70 0.00
COLONIE_LFGE___ 323577	30.94 0.38 0.00	26.37 0.44 0.00	26.09 0.52 0.00	25.14 0.48 0.00	23.93 0.41 0.00	24.83 0.43 0.06	24.73 0.47 0.21	31.71 0.40 1.75	31.67 0.35 0.00	24.69 0.38 0.00	29.77 0.27 0.28	24.12 0.32 13.21	36.05 0.36 0.63	36.89 0.48 0.00	33.11 0.18 2.04	38.19 0.24 0.00	47.15 0.31 0.00	44.23 0.32 0.00	51.61 0.43 0.00	51.63 0.57 0.00	39.28 0.52 0.00	38.99 0.48 0.00	36.38 0.57 0.00	37.51 0.62 0.00
COOPERNY_115KV_TB1 80082	31.28 0.73 0.00	26.66 0.73 0.00	26.34 0.77 0.00	25.31 0.66 0.00	24.07 0.55 0.00	25.07 0.58 -0.04	25.15 0.55 -0.13	34.59 0.45 -1.08	31.88 0.56 0.00	24.86 0.55 0.00	30.66 0.72 -0.17	46.17 0.97 -8.19	37.60 0.89 -0.39	37.24 0.83 0.00	36.95 0.72 -1.26	38.81 0.86 0.00	47.63 0.79 0.00	44.53 0.62 0.00	52.20 1.01 0.00	52.19 1.13 0.00	39.48 0.72 0.00	39.26 0.74 0.00	36.83 1.03 0.00	37.96 1.08 0.00
COPENHAGEN_WT_PWR 323753	33.19 1.41 -1.22	27.49 1.15 -0.41	26.67 0.96 -0.14	25.55 0.89 0.00	24.48 0.90 -0.06	25.52 0.98 -0.08	25.98 0.95 -0.55	35.64 0.99 -1.60	33.43 0.98 -1.14	24.98 0.69 0.00	30.58 0.46 -0.35	38.34 0.15 -1.18	38.01 0.12 -1.57	37.31 0.21 -0.69	37.00 0.31 -1.72	40.80 0.55 -2.30	51.94 1.03 -4.07	49.48 1.70 -3.87	59.13 2.33 -5.61	58.54 2.34 -5.14	41.71 0.92 -2.03	41.31 0.73 -2.07	36.19 0.38 0.00	36.77 -0.12 0.00
CORNELL_____ 23752	32.17 0.59 -1.02	26.83 0.56 -0.35	26.19 0.51 -0.11	25.14 0.48 0.00	24.08 0.51 -0.05	25.03 0.50 -0.07	25.47 0.54 -0.46	34.98 0.59 -1.34	32.66 0.39 -0.95	24.43 0.13 0.00	30.18 0.12 -0.30	38.11 0.11 -0.99	37.81 0.17 -1.32	37.00 0.01 -0.58	36.64 0.23 -1.45	40.34 0.46 -1.93	51.16 0.90 -3.42	47.99 0.83 -3.24	57.27 1.38 -4.70	56.72 1.36 -4.30	41.28 0.83 -1.70	41.11 0.87 -1.74	36.68 0.87 0.00	37.68 0.80 0.00

CORONA V_69_KV_TB1 355595	32.03 1.47 0.00	27.30 1.37 0.00	26.91 1.33 0.00	25.77 1.11 0.00	24.46 0.93 0.00	25.44 0.93 -0.05	25.53 0.86 -0.19	35.34 0.74 -1.55	32.25 0.94 0.00	25.28 0.98 0.00	50.02 1.48 -18.77	67.71 1.87 -28.83	90.27 1.74 -52.21	167.65 1.70 -129.54	99.83 1.49 -63.37	90.30 1.73 -50.62	52.79 1.80 -4.15	61.38 1.54 -15.93	53.25 2.06 -0.01	53.27 2.21 0.00	46.72 1.46 -6.49	52.01 1.43 -12.07	37.55 1.74 0.00	38.80 1.92 0.00
CORTLAND_115KV_TB3 80093	32.21 0.66 -1.00	26.82 0.56 -0.34	26.20 0.51 -0.11	25.15 0.49 0.00	24.06 0.49 -0.05	25.05 0.52 -0.07	25.48 0.56 -0.45	35.02 0.66 -1.31	32.76 0.52 -0.93	24.60 0.30 0.00	30.32 0.26 -0.29	38.29 0.31 -0.96	37.96 0.34 -1.28	37.37 0.40 -0.57	36.82 0.44 -1.41	40.57 0.74 -1.88	51.27 1.10 -3.34	48.32 1.22 -3.19	57.36 1.56 -4.62	56.82 1.54 -4.23	41.36 0.94 -1.67	41.15 0.93 -1.71	36.65 0.85 0.00	37.63 0.75 0.00
COXSACKIE___GT 23611	31.45 0.89 0.00	26.76 0.83 0.00	26.44 0.87 0.00	25.53 0.88 0.00	24.33 0.81 0.00	25.31 0.87 0.01	25.35 0.91 0.04	33.90 1.20 0.35	32.24 0.92 0.00	24.86 0.55 0.00	29.92 0.21 0.06	34.54 0.16 2.63	36.35 0.15 0.13	36.66 0.24 0.00	34.47 -0.09 0.41	37.87 -0.08 0.00	47.36 0.52 0.00	44.68 0.78 0.00	52.63 1.44 0.00	52.65 1.60 0.00	39.95 1.19 0.00	39.59 1.09 0.00	36.78 0.98 0.00	37.77 0.88 0.00
CPV_VALLEY___CC1 323721	31.28 0.72 0.00	26.67 0.74 0.00	26.35 0.77 0.00	25.31 0.66 0.00	24.05 0.53 0.00	25.07 0.56 -0.04	25.17 0.54 -0.15	34.73 0.41 -1.27	31.86 0.54 0.00	24.88 0.57 0.00	30.71 0.74 -0.20	47.62 1.01 -9.60	37.71 0.93 -0.46	37.28 0.87 0.00	37.19 0.75 -1.48	38.81 0.87 0.00	47.58 0.74 0.00	44.46 0.55 0.00	52.13 0.95 0.00	52.15 1.09 0.00	39.45 0.69 0.00	39.21 0.70 0.00	36.82 1.01 0.00	37.98 1.09 0.00
CPV_VALLEY___CC2 323722	31.28 0.72 0.00	26.67 0.74 0.00	26.35 0.77 0.00	25.31 0.66 0.00	24.05 0.53 0.00	25.07 0.56 -0.04	25.17 0.54 -0.15	34.73 0.41 -1.27	31.86 0.54 0.00	24.88 0.57 0.00	30.71 0.74 -0.20	47.62 1.01 -9.60	37.71 0.93 -0.46	37.28 0.87 0.00	37.19 0.75 -1.48	38.81 0.87 0.00	47.58 0.74 0.00	44.46 0.55 0.00	52.13 0.95 0.00	52.15 1.09 0.00	39.45 0.69 0.00	39.21 0.70 0.00	36.82 1.01 0.00	37.98 1.09 0.00
CRESCENT___HYD 24018	30.94 0.38 0.00	26.37 0.44 0.00	26.09 0.52 0.00	25.14 0.48 0.00	23.93 0.41 0.00	24.83 0.43 0.06	24.73 0.47 0.21	31.71 0.40 1.75	31.67 0.35 0.00	24.69 0.38 0.00	29.77 0.27 0.28	24.12 0.32 13.21	36.05 0.36 0.63	36.89 0.48 0.00	33.11 0.18 2.04	38.19 0.24 0.00	47.15 0.31 0.00	44.23 0.32 0.00	51.61 0.43 0.00	51.63 0.57 0.00	39.28 0.52 0.00	38.99 0.48 0.00	36.38 0.57 0.00	37.51 0.62 0.00
CRICKET___VALLEY_CC1 323756	31.16 0.60 0.00	26.53 0.61 0.00	26.21 0.64 0.00	25.18 0.53 0.00	23.94 0.41 0.00	24.06 0.41 0.81	22.04 0.39 2.82	10.05 0.21 23.21	31.68 0.36 0.00	24.76 0.46 0.00	26.71 0.60 3.65	-137.71 0.79 175.52	28.64 0.74 8.42	37.19 0.78 0.00	8.46 0.57 27.08	38.61 0.66 0.00	47.34 0.50 0.00	44.26 0.35 0.00	51.89 0.70 0.00	51.95 0.89 0.00	39.34 0.58 0.00	39.03 0.52 0.00	36.61 0.80 0.00	37.77 0.88 0.00
CRICKET___VALLEY_CC2 323757	31.16 0.60 0.00	26.53 0.61 0.00	26.21 0.64 0.00	25.18 0.53 0.00	23.94 0.41 0.00	24.06 0.41 0.81	22.04 0.39 2.82	10.05 0.21 23.21	31.68 0.36 0.00	24.76 0.46 0.00	26.71 0.60 3.65	-137.71 0.79 175.52	28.64 0.74 8.42	37.19 0.78 0.00	8.46 0.57 27.08	38.61 0.66 0.00	47.34 0.50 0.00	44.26 0.35 0.00	51.89 0.70 0.00	51.95 0.89 0.00	39.34 0.58 0.00	39.03 0.52 0.00	36.61 0.80 0.00	37.77 0.88 0.00
CRICKET___VALLEY_CC3 323758	31.16 0.60 0.00	26.53 0.61 0.00	26.21 0.64 0.00	25.18 0.53 0.00	23.94 0.41 0.00	24.06 0.41 0.81	22.04 0.39 2.82	10.05 0.21 23.21	31.68 0.36 0.00	24.76 0.46 0.00	26.71 0.60 3.65	-137.71 0.79 175.52	28.64 0.74 8.42	37.19 0.78 0.00	8.46 0.57 27.08	38.61 0.66 0.00	47.34 0.50 0.00	44.26 0.35 0.00	51.89 0.70 0.00	51.95 0.89 0.00	39.34 0.58 0.00	39.03 0.52 0.00	36.61 0.80 0.00	37.77 0.88 0.00
CRUCIBLE_METL_DRP 24180	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
DAHOWA___HYDRO 323763	31.41 0.85 0.00	26.77 0.84 0.00	26.48 0.90 0.00	25.50 0.85 0.00	24.29 0.77 0.00	25.26 0.85 0.05	25.21 0.91 0.17	32.60 0.96 1.42	32.08 0.77 0.00	24.96 0.66 0.00	30.03 0.48 0.22	26.83 0.53 10.71	36.42 0.61 0.52	37.21 0.80 0.00	33.81 0.50 1.65	38.54 0.59 0.00	47.83 0.99 0.00	45.19 1.28 0.00	52.74 1.55 0.00	52.73 1.67 0.00	40.09 1.33 0.00	39.77 1.26 0.00	37.05 1.25 0.00	38.15 1.26 0.00
DANC___LFGE 323619	32.81 0.75 -1.51	27.05 0.62 -0.51	26.23 0.49 -0.17	25.10 0.45 0.00	24.06 0.47 -0.07	25.08 0.52 -0.10	25.65 0.50 -0.68	35.49 0.46 -1.97	33.15 0.43 -1.40	24.57 0.27 0.00	30.29 0.08 -0.44	38.29 -0.18 -1.46	38.08 -0.18 -1.94	37.14 -0.13 -0.85	37.07 -0.02 -2.13	40.94 0.14 -2.84	52.26 0.39 -5.03	49.53 0.83 -4.78	59.36 1.25 -6.93	58.66 1.26 -6.35	41.64 0.38 -2.51	41.41 0.33 -2.56	35.95 0.14 0.00	36.71 -0.18 0.00
DANSKAMMER___1 23586	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.38 1.06 0.00	25.27 0.97 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.42 1.57 -0.52	37.98 1.57 0.00	38.05 1.40 -1.68	39.56 1.62 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.48 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00
DANSKAMMER___2 23589	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.38 1.06 0.00	25.27 0.97 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.42 1.57 -0.52	37.98 1.57 0.00	38.05 1.40 -1.68	39.56 1.62 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.48 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00
DANSKAMMER___3 23590	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.38 1.06 0.00	25.27 0.97 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.42 1.57 -0.52	37.98 1.57 0.00	38.05 1.40 -1.68	39.56 1.62 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.48 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00

DANSKAMMER___4 23591	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.38 1.06 0.00	25.27 0.97 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.42 1.57 -0.52	37.98 1.57 0.00	38.05 1.40 -1.68	39.56 1.62 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.48 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00
DANSKAMMER___DIESEL 23592	31.83 1.27 0.00	27.10 1.17 0.00	26.76 1.18 0.00	25.70 1.05 0.00	24.42 0.89 0.00	25.44 0.93 -0.05	25.57 0.92 -0.17	35.44 0.95 -1.44	32.37 1.06 0.00	25.28 0.98 0.00	31.26 1.27 -0.23	49.58 1.67 -10.90	38.41 1.57 -0.52	37.98 1.57 0.00	38.06 1.41 -1.68	39.56 1.61 0.00	48.55 1.71 0.00	45.36 1.45 0.00	53.18 1.99 0.00	53.21 2.15 0.00	40.24 1.49 0.00	39.96 1.45 0.00	37.50 1.69 0.00	38.64 1.76 0.00
DARBY___SOLAR 323810	31.33 0.77 0.00	26.69 0.76 0.00	26.40 0.82 0.00	25.42 0.77 0.00	24.22 0.70 0.00	25.17 0.76 0.05	25.11 0.82 0.18	32.42 0.85 1.48	31.98 0.66 0.00	24.88 0.57 0.00	29.94 0.40 0.23	26.29 0.45 11.17	36.34 0.55 0.54	37.11 0.70 0.00	33.62 0.38 1.72	38.46 0.51 0.00	47.67 0.83 0.00	44.98 1.07 0.00	52.52 1.33 0.00	52.49 1.44 0.00	39.91 1.15 0.00	39.61 1.10 0.00	36.91 1.10 0.00	38.01 1.13 0.00
DASHVILLE___HYD 23610	31.44 0.88 0.00	26.76 0.84 0.00	26.44 0.86 0.00	25.41 0.76 0.00	24.15 0.63 0.00	25.14 0.65 -0.03	25.21 0.63 -0.11	34.57 0.61 -0.91	31.99 0.68 0.00	24.99 0.69 0.00	30.84 0.93 -0.14	45.19 1.28 -6.90	37.81 1.15 -0.33	37.47 1.06 0.00	36.96 0.93 -1.07	39.04 1.09 0.00	47.93 1.09 0.00	44.81 0.90 0.00	52.52 1.33 0.00	52.57 1.52 0.00	39.79 1.03 0.00	39.53 1.02 0.00	37.09 1.28 0.00	38.22 1.33 0.00
DELAWARE___LFGE 323621	31.66 0.68 -0.41	26.71 0.65 -0.14	26.31 0.69 -0.05	25.32 0.67 0.00	24.15 0.61 -0.02	25.09 0.61 -0.03	25.22 0.56 -0.18	34.16 0.57 -0.54	32.26 0.57 -0.38	24.76 0.46 0.00	30.46 0.57 -0.12	38.20 0.79 -0.40	37.61 0.76 -0.53	37.34 0.70 -0.23	36.20 0.64 -0.58	39.50 0.77 -0.78	49.15 0.93 -1.38	46.01 0.80 -1.30	54.19 1.12 -1.89	53.98 1.19 -1.73	40.22 0.78 -0.68	40.01 0.80 -0.70	36.71 0.91 0.00	37.80 0.92 0.00
DERFIELD_115KV_TB7 355931	30.60 0.04 0.00	26.01 0.08 0.00	25.67 0.10 0.00	24.75 0.10 0.00	23.59 0.07 0.00	24.53 0.07 0.00	24.53 0.06 0.00	33.05 0.00 0.00	31.31 0.00 0.00	24.31 0.01 0.00	29.75 -0.02 0.00	36.97 -0.04 0.00	36.29 -0.03 0.00	36.40 -0.01 0.00	34.91 -0.06 0.00	37.91 -0.04 0.00	46.79 -0.05 0.00	43.87 -0.04 0.00	51.21 0.02 0.00	51.10 0.05 0.00	38.76 0.00 0.00	38.52 0.01 0.00	35.88 0.07 0.00	36.95 0.07 0.00
DOGLEVILLE___HYD 23807	30.87 0.31 0.00	26.35 0.43 0.00	26.14 0.57 0.00	25.21 0.56 0.00	24.01 0.48 0.00	24.97 0.52 0.00	25.03 0.56 0.00	33.48 0.43 0.00	31.21 -0.10 0.00	24.03 -0.27 0.00	28.69 -1.08 0.00	35.53 -1.48 0.00	35.17 -1.15 0.00	35.65 -0.77 0.00	33.22 -1.75 0.00	36.48 -1.47 0.00	46.08 -0.76 0.00	43.58 -0.33 0.00	51.77 0.58 0.00	51.96 0.91 0.00	39.35 0.60 0.00	39.28 0.76 0.00	36.64 0.83 0.00	37.66 0.77 0.00
DUNKIRK__115KV_TB_200 55889	32.05 0.84 -0.65	27.01 0.86 -0.22	26.32 0.68 -0.07	25.32 0.67 0.00	24.42 0.86 -0.03	25.36 0.86 -0.04	25.68 0.92 -0.30	34.85 0.94 -0.86	32.51 0.58 -0.61	24.57 0.27 0.00	30.68 0.72 -0.19	38.81 1.17 -0.63	38.23 1.06 -0.84	37.52 0.74 -0.37	37.08 1.19 -0.93	40.03 0.84 -1.24	50.20 1.17 -2.19	46.69 0.78 -2.01	55.04 0.95 -2.91	54.12 0.40 -2.66	39.75 -0.06 -1.05	40.02 0.44 -1.08	36.49 0.68 0.00	37.14 0.25 0.00
DUNKIRK___1 23563	32.05 0.84 -0.65	27.01 0.86 -0.22	26.32 0.68 -0.07	25.32 0.67 0.00	24.42 0.86 -0.03	25.36 0.86 -0.04	25.68 0.92 -0.30	34.85 0.94 -0.86	32.51 0.58 -0.61	24.57 0.27 0.00	30.68 0.72 -0.19	38.81 1.17 -0.63	38.23 1.06 -0.84	37.52 0.74 -0.37	37.08 1.19 -0.93	40.03 0.84 -1.24	50.20 1.17 -2.19	46.69 0.78 -2.01	55.04 0.95 -2.91	54.12 0.40 -2.66	39.75 -0.06 -1.05	40.02 0.44 -1.08	36.49 0.68 0.00	37.14 0.25 0.00
DUNKIRK___2 23564	32.05 0.84 -0.65	27.01 0.86 -0.22	26.32 0.68 -0.07	25.32 0.67 0.00	24.42 0.86 -0.03	25.36 0.86 -0.04	25.68 0.92 -0.30	34.85 0.94 -0.86	32.51 0.58 -0.61	24.57 0.27 0.00	30.68 0.72 -0.19	38.81 1.17 -0.63	38.23 1.06 -0.84	37.52 0.74 -0.37	37.08 1.19 -0.93	40.03 0.84 -1.24	50.20 1.17 -2.19	46.69 0.78 -2.01	55.04 0.95 -2.91	54.12 0.40 -2.66	39.75 -0.06 -1.05	40.02 0.44 -1.08	36.49 0.68 0.00	37.14 0.25 0.00
DUNKIRK___3 23565	31.91 0.70 -0.65	26.89 0.74 -0.22	26.22 0.58 -0.07	25.25 0.60 0.00	24.32 0.77 -0.03	25.28 0.77 -0.04	25.58 0.81 -0.30	34.71 0.80 -0.86	32.40 0.47 -0.61	24.51 0.21 0.00	30.57 0.62 -0.19	38.66 1.02 -0.63	38.06 0.90 -0.84	37.38 0.59 -0.37	36.92 1.03 -0.93	39.87 0.69 -1.24	49.93 0.91 -2.19	46.46 0.55 -2.00	54.74 0.66 -2.90	53.85 0.13 -2.66	39.58 -0.23 -1.05	39.90 0.31 -1.07	36.39 0.58 0.00	37.17 0.28 0.00
DUNKIRK___4 23566	31.91 0.70 -0.65	26.89 0.74 -0.22	26.22 0.58 -0.07	25.25 0.60 0.00	24.32 0.77 -0.03	25.28 0.77 -0.04	25.58 0.81 -0.30	34.71 0.80 -0.86	32.40 0.47 -0.61	24.51 0.21 0.00	30.57 0.62 -0.19	38.66 1.02 -0.63	38.06 0.90 -0.84	37.38 0.59 -0.37	36.92 1.03 -0.93	39.87 0.69 -1.24	49.93 0.91 -2.19	46.46 0.55 -2.00	54.74 0.66 -2.90	53.85 0.13 -2.66	39.58 -0.23 -1.05	39.90 0.31 -1.07	36.39 0.58 0.00	37.17 0.28 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	31.88 1.32 0.00	27.15 1.23 0.00	26.80 1.23 0.00	25.73 1.08 0.00	24.42 0.90 0.00	25.46 0.94 -0.05	25.59 0.93 -0.19	35.52 0.92 -1.55	32.38 1.06 0.00	25.33 1.03 0.00	31.40 1.38 -0.24	50.53 1.84 -11.68	38.60 1.72 -0.56	38.07 1.65 0.00	38.25 1.48 -1.80	39.59 1.64 0.00	48.38 1.54 0.00	45.15 1.24 0.00	52.95 1.76 0.00	52.96 1.91 0.00	40.05 1.30 0.00	39.82 1.31 0.00	37.49 1.69 0.00	38.70 1.82 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	31.64 1.08 0.00	26.96 1.03 0.00	26.63 1.05 0.00	25.57 0.92 0.00	24.29 0.77 0.00	25.32 0.81 -0.05	25.44 0.80 -0.17	35.19 0.76 -1.37	32.19 0.88 0.00	25.14 0.84 0.00	31.07 1.08 -0.22	48.83 1.45 -10.38	38.16 1.33 -0.50	37.71 1.30 0.00	37.72 1.16 -1.60	39.28 1.33 0.00	48.21 1.37 0.00	45.04 1.14 0.00	52.84 1.65 0.00	52.86 1.80 0.00	39.97 1.21 0.00	39.72 1.21 0.00	37.29 1.48 0.00	38.45 1.56 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	32.01 1.46 0.00	27.20 1.27 0.00	26.85 1.27 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.67 1.00 -0.19	35.64 1.04 -1.55	32.53 1.22 0.00	25.45 1.15 0.00	31.54 1.52 -0.24	50.76 2.07 -11.68	38.74 1.86 -0.56	38.25 1.84 0.00	38.43 1.66 -1.80	39.72 1.78 0.00	48.45 1.61 0.00	45.24 1.33 0.00	53.04 1.85 0.00	53.10 2.04 0.00	40.16 1.40 0.00	39.97 1.46 0.00	37.71 1.90 0.00	38.90 2.02 0.00

E179THST_13_KV_LOAD 356214	32.18 1.62 0.00	27.33 1.40 0.00	26.97 1.40 0.00	25.92 1.27 0.00	24.59 1.06 0.00	25.64 1.13 -0.05	25.78 1.12 -0.19	35.80 1.21 -1.55	32.69 1.38 0.00	25.58 1.28 0.00	31.71 1.69 -0.24	50.98 2.29 -11.68	38.95 2.07 -0.56	38.46 2.05 0.00	38.63 1.86 -1.80	39.95 2.00 0.00	48.73 1.89 0.00	45.49 1.58 0.00	53.34 2.15 0.00	53.39 2.34 0.00	40.38 1.62 0.00	40.18 1.67 0.00	37.91 2.10 0.00	39.10 2.22 0.00
EAST HAMPTON___GT 23717	32.17 1.62 0.00	27.62 1.69 0.00	27.20 1.63 0.00	26.01 1.36 0.00	24.86 1.34 0.00	25.91 1.40 -0.05	26.05 1.39 -0.19	35.94 1.34 -1.55	32.90 1.58 0.00	25.80 1.50 0.00	42.43 2.24 -10.42	57.27 2.80 -17.47	65.94 2.55 -27.07	107.23 2.48 -68.34	73.67 2.55 -36.15	66.02 3.08 -24.99	52.56 3.41 -2.32	55.88 3.09 -8.89	54.94 3.75 0.00	55.07 4.01 0.00	40.80 2.68 0.64	46.80 2.44 -5.85	38.57 2.77 0.00	39.78 2.90 0.00
EAST RIVER___6 23660	32.16 1.61 0.00	27.35 1.42 0.00	26.99 1.42 0.00	25.90 1.25 0.00	24.58 1.05 0.00	25.62 1.11 -0.05	25.77 1.11 -0.19	35.78 1.19 -1.55	32.66 1.34 0.00	25.56 1.26 0.00	31.69 1.67 -0.24	50.89 2.20 -11.68	38.97 2.08 -0.56	38.42 2.01 0.00	38.64 1.87 -1.80	39.99 2.04 0.00	48.79 1.95 0.00	45.52 1.61 0.00	53.34 2.16 0.00	53.37 2.31 0.00	40.41 1.65 0.00	40.16 1.65 0.00	37.80 2.00 0.00	38.99 2.10 0.00
EAST RIVER___7 23524	32.16 1.61 0.00	27.35 1.42 0.00	26.99 1.42 0.00	25.90 1.25 0.00	24.58 1.05 0.00	25.62 1.11 -0.05	25.77 1.11 -0.19	35.78 1.19 -1.55	32.66 1.34 0.00	25.56 1.26 0.00	31.69 1.67 -0.24	50.89 2.20 -11.68	38.97 2.08 -0.56	38.42 2.01 0.00	38.64 1.87 -1.80	39.99 2.04 0.00	48.79 1.95 0.00	45.52 1.61 0.00	53.34 2.16 0.00	53.37 2.31 0.00	40.41 1.65 0.00	40.16 1.65 0.00	37.80 2.00 0.00	38.99 2.10 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	31.80 1.24 0.00	27.08 1.16 0.00	26.74 1.17 0.00	25.67 1.02 0.00	24.37 0.85 0.00	25.40 0.89 -0.05	25.54 0.87 -0.19	35.45 0.86 -1.54	32.32 1.01 0.00	25.28 0.97 0.00	31.31 1.30 -0.24	50.40 1.74 -11.66	38.50 1.62 -0.56	37.97 1.56 0.00	38.16 1.39 -1.80	39.48 1.53 0.00	48.29 1.45 0.00	45.08 1.17 0.00	52.87 1.68 0.00	52.90 1.84 0.00	40.00 1.24 0.00	39.76 1.24 0.00	37.40 1.59 0.00	38.58 1.70 0.00
EAST_HAMPTON___DIESEL 23722	32.15 1.59 0.00	27.61 1.68 0.00	27.19 1.62 0.00	25.99 1.34 0.00	24.86 1.34 0.00	25.92 1.41 -0.05	26.06 1.40 -0.19	35.96 1.36 -1.55	32.92 1.60 0.00	25.81 1.51 0.00	42.43 2.24 -10.42	57.28 2.81 -17.47	65.95 2.56 -27.07	107.24 2.49 -68.34	73.68 2.56 -36.15	66.03 3.09 -24.99	52.56 3.41 -2.32	55.89 3.09 -8.89	54.94 3.75 0.00	55.06 4.01 0.00	40.80 2.68 0.64	46.81 2.44 -5.85	38.57 2.77 0.00	39.79 2.91 0.00
EAST_POINT___SOLAR 323840	32.23 1.67 0.00	27.30 1.37 0.00	26.93 1.36 0.00	25.95 1.30 0.00	24.76 1.24 0.00	25.74 1.31 0.03	25.72 1.34 0.10	33.79 1.52 0.79	31.80 0.49 0.00	24.31 0.01 0.00	29.15 -0.49 0.12	30.57 -0.48 5.97	36.06 0.03 0.29	36.58 0.16 0.00	33.80 -0.25 0.92	37.94 -0.01 0.00	47.91 1.07 0.00	45.80 1.89 0.00	54.45 3.27 0.00	54.44 3.38 0.00	41.23 2.47 0.00	40.95 2.43 0.00	38.03 2.22 0.00	39.02 2.14 0.00
EAST_PULASKI___ESR 323781	32.76 0.11 -2.09	26.74 0.10 -0.71	25.85 0.04 -0.23	24.68 0.03 0.00	23.67 0.05 -0.10	24.66 0.06 -0.14	25.48 0.06 -0.94	35.72 -0.07 -2.74	33.16 -0.10 -1.95	24.16 -0.14 0.00	30.10 -0.27 -0.60	38.54 -0.49 -2.02	38.55 -0.46 -2.69	37.16 -0.43 -1.19	37.59 -0.33 -2.96	41.65 -0.24 -3.94	53.63 -0.19 -6.98	50.57 0.03 -6.63	61.04 0.24 -9.61	60.10 0.23 -8.81	42.13 -0.11 -3.47	42.02 -0.05 -3.55	35.73 -0.08 0.00	36.64 -0.25 0.00
EAST_RIVER___1 323558	32.11 1.55 0.00	27.30 1.37 0.00	26.93 1.36 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.58 1.07 -0.05	25.73 1.07 -0.19	35.72 1.12 -1.55	32.60 1.28 0.00	25.51 1.21 0.00	31.61 1.60 -0.24	50.81 2.13 -11.68	38.88 1.99 -0.56	38.33 1.92 0.00	38.53 1.76 -1.80	39.87 1.92 0.00	48.64 1.81 0.00	45.37 1.46 0.00	53.21 2.02 0.00	53.24 2.19 0.00	40.28 1.52 0.00	40.04 1.53 0.00	37.71 1.90 0.00	38.91 2.02 0.00
EAST_RIVER___2 323559	32.16 1.61 0.00	27.35 1.42 0.00	26.99 1.42 0.00	25.90 1.25 0.00	24.58 1.05 0.00	25.62 1.11 -0.05	25.77 1.11 -0.19	35.78 1.19 -1.55	32.66 1.34 0.00	25.56 1.26 0.00	31.69 1.67 -0.24	50.89 2.20 -11.68	38.97 2.08 -0.56	38.42 2.01 0.00	38.64 1.87 -1.80	39.99 2.04 0.00	48.79 1.95 0.00	45.52 1.61 0.00	53.34 2.16 0.00	53.37 2.31 0.00	40.41 1.65 0.00	40.16 1.65 0.00	37.80 2.00 0.00	38.99 2.10 0.00
EAST___DELAWARE_HYD 23607	30.91 0.35 0.00	26.31 0.38 0.00	25.98 0.40 0.00	24.95 0.30 0.00	23.71 0.18 0.00	24.71 0.21 -0.04	24.80 0.19 -0.14	34.18 -0.02 -1.15	31.43 0.11 0.00	24.50 0.20 0.00	30.25 0.30 -0.18	46.13 0.44 -8.68	37.04 0.30 -0.42	36.69 0.28 0.00	36.40 0.09 -1.34	38.36 0.41 0.00	47.11 0.28 0.00	44.15 0.25 0.00	51.85 0.67 0.00	51.90 0.84 0.00	39.23 0.47 0.00	38.98 0.46 0.00	36.56 0.75 0.00	37.64 0.75 0.00
EIGHT_POINT___WT_PWR 323820	32.06 0.72 -0.79	26.96 0.77 -0.27	26.29 0.63 -0.09	25.30 0.64 0.00	24.33 0.77 -0.04	25.19 0.68 -0.05	25.45 0.62 -0.35	34.72 0.63 -1.03	32.08 0.03 -0.74	24.24 -0.07 0.00	30.02 0.02 -0.23	37.93 0.16 -0.76	37.47 0.12 -1.02	36.64 -0.22 -0.45	36.38 0.30 -1.11	39.80 0.36 -1.49	50.25 0.78 -2.64	46.92 0.56 -2.46	55.68 0.93 -3.56	55.08 0.77 -3.26	40.16 0.12 -1.29	39.60 -0.23 -1.32	35.38 -0.42 0.00	36.24 -0.64 0.00
ELBRIDGE_115KV_TB2 80188	32.07 -0.11 -1.62	26.43 -0.05 -0.55	25.69 -0.06 -0.18	24.59 -0.06 0.00	23.57 -0.03 -0.07	24.49 -0.07 -0.11	25.17 -0.03 -0.73	35.00 -0.17 -2.12	32.59 -0.23 -1.51	24.05 -0.25 0.00	29.96 -0.27 -0.47	38.26 -0.31 -1.56	38.06 -0.35 -2.08	36.94 -0.39 -0.92	37.04 -0.22 -2.29	40.79 -0.21 -3.05	52.12 -0.12 -5.40	48.95 -0.16 -5.21	58.74 0.01 -7.54	57.93 -0.04 -6.91	41.33 -0.16 -2.73	41.21 -0.10 -2.79	35.80 -0.01 0.00	36.82 -0.07 0.00
ELEC_TRO_TEK 24086	31.87 1.32 0.00	27.16 1.24 0.00	26.77 1.20 0.00	25.64 0.99 0.00	24.35 0.83 0.00	25.32 0.81 -0.05	25.41 0.75 -0.19	35.19 0.59 -1.55	32.11 0.80 0.00	25.18 0.87 0.00	49.55 1.35 -18.43	65.31 1.71 -26.59	88.14 1.54 -50.28	163.54 1.46 -125.66	98.75 1.30 -62.49	87.61 1.46 -48.20	52.33 1.40 -4.09	60.82 1.20 -15.71	52.89 1.69 -0.01	52.90 1.85 0.00	44.09 1.18 -4.16	51.10 1.15 -11.44	37.35 1.54 0.00	38.59 1.71 0.00
ELLENBURG_WT_PWR 323604	31.30 0.75 0.00	26.36 0.43 0.00	25.95 0.37 0.00	24.98 0.32 0.00	23.86 0.34 0.00	25.00 0.54 0.00	25.09 0.62 0.00	33.99 0.94 0.00	32.16 0.85 0.00	24.91 0.61 0.00	30.51 0.75 0.00	37.83 0.82 0.00	37.17 0.85 0.00	37.30 0.89 0.00	35.82 0.85 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.14 1.23 0.00	52.24 1.05 0.00	51.89 0.83 0.00	39.31 0.55 0.00	38.92 0.41 0.00	35.82 0.01 0.00	36.84 -0.05 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	31.92 0.72 -0.64	26.85 0.71 -0.22	26.23 0.58 -0.07	25.31 0.66 0.00	24.35 0.80 -0.03	25.32 0.81 -0.04	25.55 0.78 -0.29	34.69 0.80 -0.84	32.44 0.52 -0.60	24.63 0.33 0.00	30.68 0.73 -0.19	38.69 1.06 -0.62	38.06 0.90 -0.83	37.49 0.71 -0.37	36.96 1.09 -0.91	39.93 0.76 -1.22	49.73 0.74 -2.16	46.29 0.41 -1.97	54.30 0.26 -2.85	53.42 -0.25 -2.62	39.34 -0.45 -1.03	39.86 0.30 -1.06	36.37 0.57 0.00	37.38 0.49 0.00
EMPIRE_CC_1 323656	30.42 -0.14 0.00	25.96 0.04 0.00	25.70 0.13 0.00	24.78 0.13 0.00	23.59 0.07 0.00	24.45 0.05 0.06	24.33 0.08 0.23	31.04 -0.15 1.86	31.19 -0.12 0.00	24.37 0.07 0.00	29.37 -0.10 0.29	22.79 -0.15 14.07	35.47 -0.17 0.68	36.36 -0.06 0.00	32.47 -0.33 2.17	37.57 -0.38 0.00	46.22 -0.62 0.00	43.22 -0.69 0.00	50.44 -0.74 0.00	50.47 -0.59 0.00	38.46 -0.30 0.00	38.19 -0.32 0.00	35.69 -0.11 0.00	36.83 -0.05 0.00
EMPIRE_CC_2 323658	30.42 -0.14 0.00	25.96 0.04 0.00	25.70 0.13 0.00	24.78 0.13 0.00	23.59 0.07 0.00	24.45 0.05 0.06	24.33 0.08 0.23	31.04 -0.15 1.86	31.19 -0.12 0.00	24.37 0.07 0.00	29.37 -0.10 0.29	22.79 -0.15 14.07	35.47 -0.17 0.68	36.36 -0.06 0.00	32.47 -0.33 2.17	37.57 -0.38 0.00	46.22 -0.62 0.00	43.22 -0.69 0.00	50.44 -0.74 0.00	50.47 -0.59 0.00	38.46 -0.30 0.00	38.19 -0.32 0.00	35.69 -0.11 0.00	36.83 -0.05 0.00
ENORWICH_115KV_TB1 80156	33.10 1.75 -0.79	27.75 1.56 -0.27	27.15 1.48 -0.09	26.07 1.41 0.00	24.96 1.41 -0.04	25.99 1.47 -0.05	26.40 1.57 -0.36	36.07 1.97 -1.04	33.69 1.64 -0.74	25.30 1.00 0.00	31.00 0.99 -0.23	38.98 1.21 -0.77	38.61 1.27 -1.02	38.08 1.22 -0.45	37.30 1.21 -1.13	41.16 1.71 -1.50	52.26 2.77 -2.66	49.16 2.74 -2.52	58.64 3.81 -3.65	58.18 3.79 -3.34	42.65 2.57 -1.32	42.25 2.39 -1.35	37.96 2.15 0.00	39.02 2.14 0.00
ERIE_ST__34_KV_TB1-2 80199	31.94 0.73 -0.65	26.88 0.73 -0.22	26.24 0.60 -0.07	25.31 0.66 0.00	24.34 0.79 -0.03	25.30 0.80 -0.04	25.57 0.80 -0.30	34.78 0.87 -0.86	32.52 0.60 -0.61	24.69 0.38 0.00	30.75 0.79 -0.19	38.76 1.12 -0.63	38.12 0.96 -0.84	37.55 0.77 -0.37	37.02 1.12 -0.93	40.06 0.88 -1.24	50.02 0.99 -2.19	46.54 0.63 -2.00	54.69 0.60 -2.90	53.83 0.11 -2.66	39.63 -0.17 -1.05	40.08 0.50 -1.07	36.54 0.74 0.00	37.49 0.60 0.00
ERIE_WT_PWR 323693	32.05 0.84 -0.65	26.95 0.80 -0.22	26.32 0.67 -0.07	25.40 0.75 0.00	24.43 0.87 -0.03	25.42 0.91 -0.04	25.63 0.87 -0.29	34.82 0.91 -0.86	32.52 0.59 -0.61	24.74 0.44 0.00	30.77 0.81 -0.19	38.80 1.16 -0.63	38.19 1.03 -0.84	37.60 0.82 -0.37	37.09 1.20 -0.92	40.04 0.86 -1.23	49.99 0.96 -2.19	46.55 0.64 -2.00	54.64 0.56 -2.90	53.79 0.08 -2.65	39.58 -0.22 -1.05	40.09 0.51 -1.07	36.50 0.69 0.00	37.52 0.63 0.00
ESPRGFLD_115KV_TB1 80157	32.15 1.40 -0.19	27.14 1.15 -0.06	26.74 1.15 -0.02	25.76 1.11 0.00	24.59 1.06 -0.01	25.54 1.09 0.00	25.58 1.07 -0.03	34.20 1.34 0.19	32.63 1.14 -0.18	25.04 0.74 0.00	30.64 0.88 0.01	34.99 1.14 3.16	37.61 1.21 -0.08	37.64 1.12 -0.11	35.93 1.21 0.25	39.73 1.42 -0.36	49.42 1.95 -0.63	46.63 2.12 -0.60	54.83 2.78 -0.87	54.62 2.78 -0.79	41.00 1.92 -0.31	40.72 1.89 -0.32	37.57 1.76 0.00	38.61 1.73 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.12 0.52 -1.04	26.78 0.50 -0.35	26.14 0.45 -0.12	25.09 0.44 0.00	24.03 0.46 -0.05	24.97 0.45 -0.07	25.43 0.49 -0.47	34.93 0.51 -1.36	32.62 0.33 -0.97	24.40 0.10 0.00	30.16 0.09 -0.30	38.10 0.08 -1.00	37.80 0.14 -1.34	36.99 -0.01 -0.59	36.64 0.20 -1.47	40.30 0.39 -1.96	51.09 0.77 -3.47	47.94 0.74 -3.30	57.20 1.24 -4.78	56.64 1.21 -4.37	41.20 0.72 -1.73	41.04 0.76 -1.77	36.59 0.79 0.00	37.60 0.71 0.00
ETNA____115KV_TB2 80207	32.12 0.52 -1.04	26.78 0.50 -0.35	26.14 0.45 -0.12	25.09 0.44 0.00	24.03 0.46 -0.05	24.97 0.45 -0.07	25.43 0.49 -0.47	34.93 0.51 -1.36	32.62 0.33 -0.97	24.40 0.10 0.00	30.16 0.09 -0.30	38.10 0.08 -1.00	37.80 0.14 -1.34	36.99 -0.01 -0.59	36.64 0.20 -1.47	40.30 0.39 -1.96	51.09 0.77 -3.47	47.94 0.74 -3.30	57.20 1.24 -4.78	56.64 1.21 -4.37	41.20 0.72 -1.73	41.04 0.76 -1.77	36.59 0.79 0.00	37.60 0.71 0.00
EUCLID____115KV_TB2 356179	31.31 -0.26 -1.01	26.08 -0.19 -0.34	25.48 -0.21 -0.11	24.46 -0.19 0.00	23.40 -0.16 -0.05	24.34 -0.18 -0.07	24.76 -0.17 -0.45	34.03 -0.35 -1.32	31.88 -0.38 -0.94	23.96 -0.34 0.00	29.67 -0.39 -0.29	37.52 -0.46 -0.97	37.18 -0.44 -1.30	36.52 -0.47 -0.57	36.02 -0.37 -1.43	39.54 -0.31 -1.91	49.85 -0.36 -3.38	46.82 -0.31 -3.22	55.60 -0.26 -4.67	55.03 -0.30 -4.28	40.08 -0.36 -1.69	39.95 -0.28 -1.73	35.61 -0.19 0.00	36.63 -0.25 0.00
E_CANADA_CAP_HY 24051	32.05 1.49 0.00	27.14 1.22 0.00	26.79 1.22 0.00	25.81 1.16 0.00	24.64 1.11 0.00	25.60 1.16 0.02	25.56 1.17 0.08	33.81 1.45 0.70	32.39 1.07 0.00	24.89 0.59 0.00	30.19 0.53 0.11	32.35 0.63 5.28	36.87 0.80 0.25	37.26 0.85 0.00	34.99 0.84 0.82	38.92 0.97 0.00	48.31 1.47 0.00	45.94 2.03 0.00	53.98 2.80 0.00	53.87 2.82 0.00	40.81 2.05 0.00	40.59 2.07 0.00	37.70 1.89 0.00	38.74 1.85 0.00
E_CANADA_MHWK_HY 24050	30.87 0.31 0.00	26.35 0.43 0.00	26.15 0.57 0.00	25.21 0.56 0.00	24.01 0.48 0.00	24.98 0.52 0.00	25.03 0.56 0.00	33.48 0.42 0.00	31.21 -0.10 0.00	24.03 -0.27 0.00	28.69 -1.08 0.00	35.53 -1.47 0.00	35.17 -1.15 0.00	35.65 -0.76 0.00	33.22 -1.75 0.00	36.48 -1.47 0.00	46.08 -0.76 0.00	43.58 -0.33 0.00	51.77 0.58 0.00	51.96 0.91 0.00	39.35 0.60 0.00	39.28 0.77 0.00	36.64 0.83 0.00	37.66 0.78 0.00
E_FISHKILL__LBMP 23776	31.50 0.94 0.00	26.82 0.89 0.00	26.50 0.92 0.00	25.46 0.80 0.00	24.18 0.66 0.00	25.20 0.68 -0.05	25.33 0.66 -0.19	35.20 0.58 -1.57	32.03 0.72 0.00	25.03 0.73 0.00	30.98 0.97 -0.25	50.16 1.29 -11.86	38.09 1.20 -0.57	37.58 1.17 0.00	37.80 1.00 -1.83	39.06 1.11 0.00	47.83 1.00 0.00	44.67 0.76 0.00	52.36 1.17 0.00	52.40 1.34 0.00	39.67 0.90 0.00	39.41 0.90 0.00	37.03 1.23 0.00	38.20 1.31 0.00
FALCON__SEABRD_CC1 323796	31.69 1.13 0.00	26.58 0.65 0.00	26.20 0.63 0.00	25.21 0.56 0.00	24.07 0.55 0.00	25.34 0.89 0.00	25.46 0.99 0.00	34.36 1.31 0.00	32.46 1.14 0.00	25.17 0.86 0.00	30.78 1.01 0.00	38.13 1.13 0.00	37.46 1.13 0.00	37.65 1.24 0.00	36.08 1.11 0.00	39.10 1.16 0.00	48.24 1.40 0.00	45.51 1.60 0.00	52.55 1.37 0.00	52.18 1.12 0.00	39.44 0.68 0.00	39.02 0.51 0.00	36.07 0.27 0.00	37.01 0.13 0.00
FALCON__SEABRD_CC2 323797	31.69 1.13 0.00	26.58 0.65 0.00	26.20 0.63 0.00	25.21 0.56 0.00	24.07 0.55 0.00	25.34 0.89 0.00	25.46 0.99 0.00	34.36 1.31 0.00	32.46 1.14 0.00	25.17 0.86 0.00	30.78 1.01 0.00	38.13 1.13 0.00	37.46 1.13 0.00	37.65 1.24 0.00	36.08 1.11 0.00	39.10 1.16 0.00	48.24 1.40 0.00	45.51 1.60 0.00	52.55 1.37 0.00	52.18 1.12 0.00	39.44 0.68 0.00	39.02 0.51 0.00	36.07 0.27 0.00	37.01 0.13 0.00

FAR ROCKAWAY___4 23548	32.31 1.75 0.00	27.51 1.59 0.00	27.11 1.54 0.00	25.96 1.31 0.00	24.64 1.12 0.00	25.63 1.12 -0.05	25.72 1.05 -0.19	35.59 1.00 -1.55	32.50 1.18 0.00	25.48 1.17 0.00	48.51 1.75 -16.99	66.77 2.21 -27.55	85.87 2.10 -47.45	155.90 2.06 -117.43	94.21 1.80 -57.44	86.05 2.05 -46.05	52.87 2.28 -3.74	60.28 1.98 -14.39	53.77 2.57 0.00	53.78 2.72 0.00	46.87 1.83 -6.29	51.28 1.78 -10.99	37.87 2.07 0.00	39.10 2.22 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	32.10 1.54 0.00	27.30 1.37 0.00	26.93 1.36 0.00	25.86 1.20 0.00	24.54 1.02 0.00	25.58 1.07 -0.05	25.73 1.07 -0.19	35.72 1.12 -1.55	32.60 1.28 0.00	25.51 1.21 0.00	31.61 1.60 -0.24	50.82 2.13 -11.68	38.87 1.99 -0.56	38.33 1.91 0.00	38.52 1.75 -1.80	39.85 1.90 0.00	48.64 1.80 0.00	45.36 1.45 0.00	53.19 2.00 0.00	53.22 2.17 0.00	40.25 1.49 0.00	40.03 1.53 0.00	37.70 1.89 0.00	38.93 2.05 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	32.13 1.57 0.00	27.32 1.39 0.00	26.95 1.38 0.00	25.87 1.22 0.00	24.55 1.03 0.00	25.60 1.08 -0.05	25.74 1.08 -0.19	35.72 1.12 -1.55	32.60 1.29 0.00	25.52 1.22 0.00	31.63 1.61 -0.24	50.83 2.14 -11.68	38.90 2.01 -0.56	38.34 1.93 0.00	38.54 1.77 -1.80	39.87 1.92 0.00	48.64 1.80 0.00	45.38 1.47 0.00	53.22 2.03 0.00	53.26 2.21 0.00	40.28 1.52 0.00	40.05 1.54 0.00	37.71 1.91 0.00	38.92 2.04 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	32.08 1.52 0.00	27.28 1.36 0.00	26.92 1.34 0.00	25.84 1.19 0.00	24.52 1.00 0.00	25.57 1.06 -0.05	25.71 1.05 -0.19	35.69 1.09 -1.55	32.57 1.26 0.00	25.49 1.19 0.00	31.58 1.57 -0.24	50.79 2.10 -11.68	38.84 1.96 -0.56	38.29 1.88 0.00	38.49 1.72 -1.80	39.81 1.87 0.00	48.59 1.75 0.00	45.32 1.41 0.00	53.14 1.96 0.00	53.18 2.13 0.00	40.22 1.46 0.00	40.00 1.49 0.00	37.67 1.87 0.00	38.87 1.99 0.00
FARRAGUT___LBMP 323566	32.05 1.50 0.00	27.26 1.34 0.00	26.90 1.33 0.00	25.82 1.17 0.00	24.51 0.98 0.00	25.55 1.04 -0.05	25.69 1.03 -0.19	35.65 1.06 -1.55	32.54 1.23 0.00	25.47 1.17 0.00	31.56 1.55 -0.24	50.76 2.07 -11.68	38.81 1.93 -0.56	38.25 1.84 0.00	38.46 1.69 -1.80	39.77 1.83 0.00	48.54 1.71 0.00	45.28 1.37 0.00	53.10 1.91 0.00	53.14 2.09 0.00	40.19 1.43 0.00	39.96 1.45 0.00	37.64 1.83 0.00	38.85 1.96 0.00
FENNER___WINDPWR 24204	32.07 0.71 -0.79	26.82 0.62 -0.27	26.24 0.58 -0.09	25.20 0.55 0.00	24.10 0.54 -0.04	25.09 0.58 -0.05	25.44 0.61 -0.36	34.81 0.72 -1.04	32.64 0.59 -0.74	24.67 0.37 0.00	30.33 0.33 -0.23	38.19 0.41 -0.77	37.77 0.42 -1.02	37.32 0.46 -0.45	36.60 0.51 -1.12	40.21 0.76 -1.50	50.62 1.12 -2.65	47.70 1.26 -2.54	56.46 1.60 -3.67	56.01 1.59 -3.37	41.05 0.97 -1.33	40.79 0.92 -1.36	36.62 0.81 0.00	37.58 0.70 0.00
FIBERTEK___ENERGY 23856	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
FITZPATRICK___ 23598	21.30 -0.77 8.49	22.43 -0.62 2.88	24.00 -0.63 0.95	24.05 -0.60 0.01	22.58 -0.56 0.39	23.32 -0.59 0.56	20.06 -0.59 3.83	21.05 -0.88 11.13	22.54 -0.87 7.91	23.60 -0.70 0.00	26.46 -0.85 2.46	27.76 -1.04 8.20	24.37 -1.03 10.93	30.55 -1.04 4.82	22.02 -0.94 12.01	20.94 -0.98 16.02	17.27 -1.18 28.39	15.94 -1.09 26.88	11.04 -1.20 38.95	14.15 -1.22 35.68	23.66 -1.01 14.08	23.16 -0.95 14.40	34.98 -0.83 0.00	36.01 -0.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	31.88 1.32 0.00	27.14 1.22 0.00	26.80 1.22 0.00	25.74 1.09 0.00	24.45 0.93 0.00	25.48 0.97 -0.05	25.61 0.96 -0.18	35.51 1.00 -1.46	32.42 1.10 0.00	25.32 1.01 0.00	31.32 1.32 -0.23	49.79 1.74 -11.04	38.50 1.64 -0.53	38.06 1.65 0.00	38.15 1.48 -1.70	39.65 1.70 0.00	48.66 1.82 0.00	45.45 1.55 0.00	53.29 2.10 0.00	53.31 2.26 0.00	40.32 1.56 0.00	40.04 1.53 0.00	37.57 1.76 0.00	38.71 1.83 0.00
FORT ORANGE___ 23900	30.53 -0.03 0.00	26.03 0.10 0.00	25.75 0.18 0.00	24.84 0.19 0.00	23.67 0.15 0.00	24.58 0.16 0.03	24.52 0.16 0.12	32.10 0.01 0.96	31.31 0.00 0.00	24.35 0.05 0.00	29.46 -0.16 0.15	29.53 -0.24 7.24	35.73 -0.25 0.35	36.20 -0.21 0.00	33.41 -0.44 1.12	37.47 -0.48 0.00	46.29 -0.55 0.00	43.35 -0.56 0.00	50.73 -0.46 0.00	50.76 -0.29 0.00	38.57 -0.19 0.00	38.29 -0.22 0.00	35.73 -0.07 0.00	36.81 -0.07 0.00
FORT_DRUM_COGEN 23780	33.25 1.59 -1.10	27.59 1.28 -0.38	26.78 1.09 -0.12	25.66 1.00 0.00	24.58 1.01 -0.05	25.63 1.10 -0.07	26.07 1.09 -0.50	35.74 1.24 -1.45	33.53 1.19 -1.03	25.11 0.81 0.00	30.66 0.57 -0.32	38.36 0.28 -1.07	38.03 0.28 -1.42	37.43 0.39 -0.63	36.99 0.46 -1.56	40.79 0.75 -2.09	51.85 1.32 -3.69	49.40 1.98 -3.51	58.98 2.71 -5.09	58.48 2.77 -4.66	41.91 1.32 -1.84	41.53 1.14 -1.88	36.55 0.75 0.00	37.17 0.29 0.00
FOX_HILLS___ESR 323835	32.18 1.62 0.00	27.28 1.36 0.00	26.89 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.61 1.01 -1.55	32.52 1.20 0.00	25.44 1.14 0.00	31.49 1.48 -0.24	50.67 1.98 -11.68	38.64 1.76 -0.56	38.13 1.72 0.00	38.30 1.53 -1.80	39.65 1.70 0.00	48.18 1.34 0.00	44.96 1.05 0.00	52.82 1.64 0.00	52.89 1.83 0.00	40.00 1.25 0.00	39.84 1.33 0.00	37.62 1.81 0.00	38.77 1.88 0.00
FPL_FAR_ROCK_GT1 24212	32.31 1.75 0.00	27.51 1.59 0.00	27.12 1.54 0.00	25.96 1.31 0.00	24.64 1.12 0.00	25.63 1.12 -0.05	25.72 1.05 -0.19	35.60 1.01 -1.55	32.50 1.19 0.00	25.48 1.17 0.00	48.50 1.74 -16.99	66.75 2.19 -27.55	85.86 2.08 -47.45	155.87 2.03 -117.43	94.21 1.80 -57.44	86.05 2.05 -46.05	52.87 2.29 -3.74	60.28 1.98 -14.39	53.76 2.57 0.00	53.77 2.72 0.00	46.87 1.83 -6.29	51.27 1.77 -10.99	37.87 2.07 0.00	39.10 2.22 0.00
FPL_FAR_ROCK_GT2 23815	32.31 1.75 0.00	27.51 1.59 0.00	27.12 1.54 0.00	25.96 1.31 0.00	24.64 1.12 0.00	25.63 1.12 -0.05	25.72 1.05 -0.19	35.60 1.01 -1.55	32.50 1.19 0.00	25.48 1.17 0.00	48.50 1.74 -16.99	66.75 2.19 -27.55	85.86 2.08 -47.45	155.87 2.03 -117.43	94.21 1.80 -57.44	86.05 2.05 -46.05	52.87 2.29 -3.74	60.28 1.98 -14.39	53.76 2.57 0.00	53.77 2.72 0.00	46.87 1.83 -6.29	51.27 1.77 -10.99	37.87 2.07 0.00	39.10 2.22 0.00
FRANKLIN_FALL_HYD 24054	31.55 0.99 0.00	26.57 0.64 0.00	26.12 0.54 0.00	25.14 0.48 0.00	24.03 0.51 0.00	25.16 0.70 0.00	25.26 0.79 0.00	34.32 1.27 0.00	32.52 1.21 0.00	25.15 0.85 0.00	30.77 1.09 0.00	38.09 1.18 0.00	37.51 1.16 0.00	37.58 1.16 0.00	36.18 1.21 0.00	39.12 1.18 0.00	48.41 1.57 0.00	45.60 1.69 0.00	52.83 1.65 0.00	52.54 1.49 0.00	39.89 1.13 0.00	39.49 0.98 0.00	36.29 0.48 0.00	37.28 0.40 0.00



FREEPORT_EQUS_GT1 23764	32.05 1.49 0.00	27.30 1.38 0.00	26.91 1.34 0.00	25.76 1.11 0.00	24.45 0.93 0.00	25.42 0.91 -0.05	25.49 0.83 -0.19	35.28 0.69 -1.55	32.19 0.88 0.00	25.24 0.94 0.00	45.28 1.48 -14.04	61.17 1.90 -22.26	75.93 1.70 -37.90	132.57 1.50 -94.65	83.91 1.27 -47.68	75.23 1.29 -35.99	51.16 1.21 -3.11	57.07 1.21 -11.94	53.14 1.95 0.00	53.19 2.13 0.00	42.43 1.37 -2.31	48.35 1.32 -8.52	37.54 1.73 0.00	38.78 1.89 0.00
FREEPORT___CT2 23818	32.05 1.49 0.00	27.30 1.38 0.00	26.91 1.34 0.00	25.76 1.11 0.00	24.45 0.93 0.00	25.42 0.91 -0.05	25.49 0.83 -0.19	35.28 0.69 -1.55	32.19 0.88 0.00	25.24 0.94 0.00	45.28 1.48 -14.04	61.17 1.90 -22.26	75.93 1.70 -37.90	132.57 1.50 -94.65	83.91 1.27 -47.68	75.23 1.29 -35.99	51.16 1.21 -3.11	57.07 1.21 -11.94	53.14 1.95 0.00	53.19 2.13 0.00	42.43 1.37 -2.31	48.35 1.32 -8.52	37.54 1.73 0.00	38.78 1.89 0.00
FRESHKLS_33_KV_LOAD 356253	32.31 1.75 0.00	27.38 1.45 0.00	26.97 1.40 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.60 1.08 -0.05	25.74 1.08 -0.19	35.70 1.11 -1.55	32.61 1.30 0.00	25.49 1.19 0.00	31.53 1.51 -0.24	50.70 2.02 -11.68	38.66 1.77 -0.56	38.16 1.74 0.00	38.33 1.56 -1.80	39.71 1.76 0.00	48.20 1.36 0.00	44.98 1.07 0.00	52.88 1.69 0.00	52.95 1.90 0.00	40.08 1.32 0.00	39.92 1.41 0.00	37.72 1.91 0.00	38.88 2.00 0.00
FULTON COGEN____ 23766	31.37 -0.13 -0.94	26.16 -0.09 -0.32	25.57 -0.11 -0.11	24.56 -0.10 0.00	23.48 -0.08 -0.04	24.43 -0.09 -0.06	24.82 -0.08 -0.42	34.08 -0.21 -1.24	31.94 -0.26 -0.88	24.02 -0.28 0.00	29.70 -0.35 -0.27	37.51 -0.40 -0.91	37.19 -0.35 -1.21	36.53 -0.41 -0.53	36.06 -0.24 -1.33	39.58 -0.15 -1.78	49.76 -0.23 -3.15	46.81 -0.10 -3.00	55.60 0.06 -4.35	55.09 0.05 -3.99	40.22 -0.11 -1.58	40.07 -0.05 -1.61	35.81 0.00 0.00	36.82 -0.06 0.00
FULTON___LFGE 323630	32.00 1.44 0.00	27.13 1.21 0.00	26.78 1.21 0.00	25.80 1.15 0.00	24.60 1.08 0.00	25.56 1.13 0.03	25.53 1.15 0.10	33.66 1.42 0.81	32.28 0.96 0.00	24.70 0.40 0.00	29.64 0.00 0.13	30.80 -0.08 6.13	36.17 0.14 0.29	36.83 0.42 0.00	34.07 0.04 0.95	38.23 0.29 0.00	47.73 0.89 0.00	45.74 1.84 0.00	53.88 2.69 0.00	53.85 2.80 0.00	40.81 2.05 0.00	40.54 2.03 0.00	37.68 1.87 0.00	38.71 1.83 0.00
G.F.CEMENT___DRP 24184	31.52 0.96 0.00	26.86 0.93 0.00	26.56 0.98 0.00	25.57 0.92 0.00	24.38 0.85 0.00	25.38 0.96 0.05	25.37 1.05 0.16	32.83 1.09 1.31	32.19 0.87 0.00	25.07 0.77 0.00	30.15 0.59 0.21	27.73 0.64 9.92	36.54 0.69 0.48	37.28 0.87 0.00	34.06 0.62 1.53	38.66 0.71 0.00	48.03 1.19 0.00	45.44 1.52 0.00	53.01 1.83 0.00	52.96 1.91 0.00	40.28 1.52 0.00	39.96 1.45 0.00	37.18 1.38 0.00	38.27 1.38 0.00
GARDENVILLE___LBMP 24039	31.95 0.72 -0.67	26.88 0.72 -0.23	26.24 0.59 -0.08	25.32 0.67 0.00	24.35 0.80 -0.03	25.32 0.81 -0.04	25.56 0.78 -0.30	34.72 0.80 -0.87	32.42 0.48 -0.62	24.59 0.29 0.00	30.59 0.63 -0.19	38.60 0.95 -0.64	37.98 0.80 -0.86	37.38 0.59 -0.38	36.88 0.97 -0.94	39.91 0.70 -1.26	49.80 0.73 -2.23	46.37 0.42 -2.05	54.47 0.32 -2.97	53.63 -0.14 -2.72	39.46 -0.37 -1.07	39.89 0.28 -1.10	36.32 0.51 0.00	37.33 0.45 0.00
GARDNVLA_35_KV_LD 355827	32.15 0.94 -0.65	27.04 0.89 -0.22	26.39 0.74 -0.07	25.47 0.82 0.00	24.49 0.94 -0.03	25.46 0.96 -0.04	25.69 0.93 -0.29	34.93 1.02 -0.85	32.65 0.73 -0.61	24.81 0.51 0.00	30.89 0.93 -0.19	38.98 1.34 -0.63	38.36 1.19 -0.84	37.76 0.98 -0.37	37.25 1.36 -0.92	40.28 1.10 -1.23	50.24 1.22 -2.18	46.77 0.87 -1.99	54.88 0.81 -2.88	54.02 0.32 -2.64	39.77 -0.03 -1.04	40.23 0.66 -1.07	36.64 0.83 0.00	37.63 0.75 0.00
GELCKHM___115KV_LOAD 80723	31.62 -0.14 -1.21	26.24 -0.09 -0.41	25.59 -0.12 -0.13	24.54 -0.11 0.00	23.49 -0.08 -0.06	24.44 -0.09 -0.08	24.94 -0.08 -0.54	34.42 -0.22 -1.58	32.17 -0.28 -1.12	24.04 -0.26 0.00	29.82 -0.30 -0.35	37.83 -0.34 -1.17	37.55 -0.32 -1.55	36.74 -0.35 -0.69	36.42 -0.25 -1.71	40.05 -0.18 -2.28	50.71 -0.17 -4.04	47.64 -0.13 -3.87	56.75 -0.04 -5.60	56.10 -0.08 -5.13	40.58 -0.20 -2.03	40.45 -0.13 -2.07	35.75 -0.06 0.00	36.77 -0.11 0.00
GENERAL___MILLS 23808	32.03 0.82 -0.65	26.94 0.80 -0.22	26.31 0.66 -0.07	25.38 0.73 0.00	24.42 0.87 -0.03	25.38 0.88 -0.04	25.62 0.85 -0.29	34.82 0.92 -0.86	32.53 0.61 -0.61	24.71 0.41 0.00	30.76 0.80 -0.19	38.80 1.16 -0.63	38.18 1.02 -0.84	37.58 0.80 -0.37	37.07 1.18 -0.92	40.07 0.89 -1.23	49.98 0.95 -2.19	46.53 0.62 -2.00	54.61 0.53 -2.90	53.75 0.04 -2.65	39.58 -0.23 -1.05	40.06 0.48 -1.07	36.50 0.69 0.00	37.50 0.61 0.00
GE_PLASTICS___DRP 24183	30.53 -0.03 0.00	26.05 0.13 0.00	25.78 0.21 0.00	24.87 0.22 0.00	23.69 0.17 0.00	24.59 0.16 0.03	24.53 0.14 0.09	32.32 -0.01 0.72	31.33 0.02 0.00	24.34 0.04 0.00	29.45 -0.20 0.11	31.21 -0.33 5.47	35.74 -0.32 0.26	36.11 -0.30 0.00	33.65 -0.48 0.84	37.39 -0.56 0.00	46.08 -0.76 0.00	43.11 -0.80 0.00	50.37 -0.82 0.00	50.38 -0.67 0.00	38.27 -0.49 0.00	38.02 -0.49 0.00	35.51 -0.30 0.00	36.60 -0.29 0.00
GILBOA___1 23756	30.91 0.35 0.00	26.32 0.40 0.00	26.09 0.52 0.00	25.22 0.57 0.00	24.02 0.49 0.00	24.93 0.45 -0.01	24.82 0.30 -0.04	33.59 0.20 -0.33	31.56 0.24 0.00	24.57 0.27 0.00	30.13 0.30 -0.05	39.95 0.41 -2.53	36.84 0.39 -0.12	36.80 0.38 0.00	35.63 0.27 -0.39	38.26 0.31 0.00	47.04 0.20 0.00	43.97 0.06 0.00	51.29 0.10 0.00	51.37 0.32 0.00	38.97 0.21 0.00	38.79 0.27 0.00	36.29 0.48 0.00	37.39 0.50 0.00
GILBOA___2 23757	30.91 0.35 0.00	26.32 0.40 0.00	26.09 0.52 0.00	25.22 0.57 0.00	24.02 0.49 0.00	24.93 0.45 -0.01	24.82 0.30 -0.04	33.59 0.20 -0.33	31.56 0.24 0.00	24.57 0.27 0.00	30.13 0.30 -0.05	39.95 0.41 -2.53	36.84 0.39 -0.12	36.80 0.38 0.00	35.63 0.27 -0.39	38.26 0.31 0.00	47.04 0.20 0.00	43.97 0.06 0.00	51.29 0.10 0.00	51.37 0.32 0.00	38.97 0.21 0.00	38.79 0.27 0.00	36.29 0.48 0.00	37.39 0.50 0.00
GILBOA___3 23758	30.91 0.35 0.00	26.32 0.40 0.00	26.09 0.52 0.00	25.22 0.57 0.00	24.02 0.49 0.00	24.93 0.45 -0.01	24.82 0.30 -0.04	33.59 0.20 -0.33	31.56 0.24 0.00	24.57 0.27 0.00	30.13 0.30 -0.05	39.95 0.41 -2.53	36.84 0.39 -0.12	36.80 0.38 0.00	35.63 0.27 -0.39	38.26 0.31 0.00	47.04 0.20 0.00	43.97 0.06 0.00	51.29 0.10 0.00	51.37 0.32 0.00	38.97 0.21 0.00	38.79 0.27 0.00	36.29 0.48 0.00	37.39 0.50 0.00
GILBOA___4 23759	30.91 0.35 0.00	26.32 0.40 0.00	26.09 0.52 0.00	25.22 0.57 0.00	24.02 0.49 0.00	24.93 0.45 -0.01	24.82 0.30 -0.04	33.59 0.20 -0.33	31.56 0.24 0.00	24.57 0.27 0.00	30.13 0.30 -0.05	39.95 0.41 -2.53	36.84 0.39 -0.12	36.80 0.38 0.00	35.63 0.27 -0.39	38.26 0.31 0.00	47.04 0.20 0.00	43.97 0.06 0.00	51.29 0.10 0.00	51.37 0.32 0.00	38.97 0.21 0.00	38.79 0.27 0.00	36.29 0.48 0.00	37.39 0.50 0.00

GILBOA____ 23599	30.91 0.35 0.00	26.33 0.40 0.00	26.10 0.52 0.00	25.22 0.57 0.00	24.02 0.49 0.00	24.93 0.46 -0.01	24.82 0.30 -0.04	33.58 0.19 -0.33	31.56 0.24 0.00	24.57 0.27 0.00	30.13 0.30 -0.05	39.95 0.41 -2.53	36.83 0.39 -0.12	36.80 0.38 0.00	35.62 0.27 -0.39	38.26 0.31 0.00	47.04 0.20 0.00	43.97 0.06 0.00	51.30 0.11 0.00	51.37 0.32 0.00	38.97 0.21 0.00	38.79 0.28 0.00	36.29 0.48 0.00	37.39 0.51 0.00
GINNA____ 23603	30.27 -0.95 -0.65	25.36 -0.78 -0.22	24.82 -0.83 -0.07	23.89 -0.76 0.00	22.88 -0.67 -0.03	23.81 -0.69 -0.04	24.10 -0.67 -0.29	32.90 -1.01 -0.85	30.86 -1.06 -0.61	23.42 -0.89 0.00	29.02 -0.94 -0.19	36.54 -1.10 -0.63	36.08 -1.08 -0.84	35.64 -1.14 -0.37	35.00 -0.89 -0.92	38.23 -0.95 -1.23	47.82 -1.20 -2.18	44.80 -1.10 -1.99	52.77 -1.30 -2.89	52.21 -1.49 -2.64	38.43 -1.37 -1.04	38.47 -1.11 -1.07	34.83 -0.98 0.00	35.75 -1.14 0.00
GLEN PARK____ 23778	33.45 1.73 -1.16	27.72 1.40 -0.39	26.91 1.20 -0.13	25.77 1.12 0.00	24.69 1.11 -0.05	25.75 1.22 -0.07	26.21 1.21 -0.52	35.97 1.40 -1.52	33.71 1.32 -1.08	25.20 0.89 0.00	30.75 0.64 -0.34	38.46 0.33 -1.12	38.14 0.33 -1.49	37.52 0.44 -0.66	37.13 0.52 -1.64	40.93 0.80 -2.19	52.13 1.42 -3.87	49.75 2.16 -3.68	59.52 3.01 -5.33	59.03 3.09 -4.88	42.25 1.57 -1.93	41.87 1.39 -1.97	36.78 0.97 0.00	37.39 0.51 0.00
GLENDALE_27_KV_LOAD 356172	32.13 1.57 0.00	27.33 1.40 0.00	26.96 1.39 0.00	25.89 1.23 0.00	24.56 1.04 0.00	25.61 1.10 -0.05	25.75 1.09 -0.19	35.75 1.15 -1.55	32.65 1.33 0.00	25.57 1.27 0.00	31.68 1.67 -0.24	50.92 2.23 -11.68	38.95 2.06 -0.56	38.41 2.00 0.00	38.59 1.83 -1.80	39.91 1.97 0.00	48.63 1.79 0.00	45.33 1.42 0.00	53.16 1.97 0.00	53.20 2.15 0.00	40.23 1.47 0.00	40.03 1.52 0.00	37.77 1.96 0.00	39.00 2.11 0.00
GLENWOOD_IC_1_G5 23712	32.06 1.50 0.00	27.31 1.38 0.00	26.92 1.35 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.50 0.99 -0.05	25.60 0.94 -0.19	35.49 0.90 -1.55	32.39 1.07 0.00	25.38 1.07 0.00	49.36 1.56 -18.03	64.69 2.02 -25.65	87.07 1.87 -48.87	160.65 1.81 -122.42	97.80 1.62 -61.21	86.38 1.76 -46.67	52.30 1.45 -4.01	60.50 1.20 -15.39	52.90 1.71 -0.01	52.92 1.86 0.00	43.35 1.24 -3.35	51.02 1.45 -11.06	37.58 1.77 0.00	38.80 1.92 0.00
GLENWOOD_IC_2_G1 23688	31.90 1.34 0.00	27.17 1.24 0.00	26.81 1.23 0.00	25.71 1.06 0.00	24.41 0.89 0.00	25.42 0.91 -0.05	25.53 0.87 -0.19	35.41 0.82 -1.55	32.31 0.99 0.00	25.29 0.99 0.00	32.17 1.40 -1.01	51.14 1.82 -12.31	40.66 1.69 -2.65	43.31 1.62 -5.28	40.78 1.45 -4.35	41.59 1.62 -2.03	48.54 1.53 -0.17	45.82 1.26 -0.66	52.96 1.77 0.00	52.97 1.92 0.00	40.22 1.28 -0.17	40.29 1.30 -0.48	37.46 1.65 0.00	38.67 1.78 0.00
GLENWOOD_IC_3_G1 23689	31.90 1.34 0.00	27.17 1.24 0.00	26.81 1.23 0.00	25.71 1.06 0.00	24.41 0.89 0.00	25.42 0.91 -0.05	25.53 0.87 -0.19	35.41 0.82 -1.55	32.31 0.99 0.00	25.29 0.99 0.00	32.17 1.40 -1.01	51.14 1.82 -12.31	40.66 1.69 -2.65	43.31 1.62 -5.28	40.78 1.45 -4.35	41.59 1.62 -2.03	48.54 1.53 -0.17	45.82 1.26 -0.66	52.96 1.77 0.00	52.97 1.92 0.00	40.22 1.28 -0.17	40.29 1.30 -0.48	37.46 1.65 0.00	38.67 1.78 0.00
GLENWOOD____4 23550	32.06 1.50 0.00	27.31 1.38 0.00	26.92 1.35 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.50 0.99 -0.05	25.60 0.94 -0.19	35.49 0.90 -1.55	32.39 1.07 0.00	25.38 1.07 0.00	49.36 1.56 -18.03	64.69 2.02 -25.65	87.07 1.87 -48.87	160.65 1.81 -122.42	97.80 1.62 -61.21	86.38 1.77 -46.67	52.42 1.57 -4.01	60.61 1.31 -15.39	53.03 1.84 -0.01	53.05 1.99 0.00	43.44 1.33 -3.35	51.02 1.45 -11.06	37.58 1.77 0.00	38.80 1.92 0.00
GLENWOOD____5 23614	32.06 1.50 0.00	27.31 1.38 0.00	26.92 1.35 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.50 0.99 -0.05	25.60 0.94 -0.19	35.49 0.90 -1.55	32.39 1.07 0.00	25.38 1.07 0.00	49.36 1.56 -18.03	64.69 2.02 -25.65	87.07 1.87 -48.87	160.65 1.81 -122.42	97.80 1.62 -61.21	86.38 1.77 -46.67	52.42 1.57 -4.01	60.61 1.31 -15.39	53.03 1.84 -0.01	53.05 1.99 0.00	43.44 1.33 -3.35	51.02 1.45 -11.06	37.58 1.77 0.00	38.80 1.92 0.00
GLOBAL GREEN_PORT_GT1 23814	32.25 1.70 0.00	27.64 1.71 0.00	27.22 1.64 0.00	26.03 1.37 0.00	24.83 1.31 0.00	25.86 1.34 -0.05	25.97 1.30 -0.19	35.83 1.24 -1.55	32.80 1.48 0.00	25.73 1.43 0.00	42.33 2.14 -10.42	57.17 2.69 -17.47	65.84 2.45 -27.07	107.15 2.40 -68.34	73.59 2.47 -36.15	65.92 2.99 -24.99	52.46 3.31 -2.32	55.80 3.00 -8.89	54.89 3.69 0.00	54.98 3.92 0.00	40.72 2.60 0.64	46.72 2.36 -5.85	38.50 2.69 0.00	39.71 2.82 0.00
GLOBE____DSASP 323697	31.53 0.34 -0.64	26.53 0.39 -0.22	25.92 0.28 -0.07	25.05 0.40 0.00	24.10 0.55 -0.03	25.05 0.54 -0.04	25.25 0.49 -0.28	34.13 0.24 -0.83	31.94 0.04 -0.59	24.27 -0.03 0.00	30.24 0.29 -0.18	38.10 0.48 -0.61	37.46 0.32 -0.82	36.92 0.14 -0.36	36.41 0.55 -0.90	39.24 0.09 -1.20	48.66 -0.30 -2.13	45.28 -0.57 -1.94	52.81 -1.19 -2.81	51.75 -1.88 -2.58	38.18 -1.60 -1.02	39.02 -0.54 -1.04	35.70 -0.11 0.00	36.96 0.07 0.00
GOETHSLN____LBMP 323567	31.91 1.36 0.00	27.14 1.21 0.00	26.79 1.21 0.00	25.71 1.05 0.00	24.39 0.87 0.00	25.45 0.93 -0.05	25.59 0.93 -0.19	35.52 0.92 -1.55	32.41 1.09 0.00	25.36 1.06 0.00	31.41 1.40 -0.24	50.57 1.88 -11.68	38.64 1.76 -0.56	38.07 1.66 0.00	38.29 1.52 -1.80	39.59 1.64 0.00	48.31 1.47 0.00	45.06 1.15 0.00	52.87 1.68 0.00	52.91 1.86 0.00	40.00 1.24 0.00	39.78 1.27 0.00	37.48 1.67 0.00	38.68 1.80 0.00
GOLAH____69_KV_TB 1_2 80279	32.25 1.05 -0.64	27.01 0.86 -0.22	26.49 0.84 -0.07	25.50 0.85 0.00	24.48 0.93 -0.03	25.49 0.99 -0.04	25.76 1.00 -0.28	34.97 1.09 -0.83	32.77 0.87 -0.59	24.80 0.50 0.00	30.77 0.81 -0.18	38.70 1.07 -0.61	38.18 1.04 -0.82	37.68 0.91 -0.36	36.94 1.08 -0.90	40.40 1.25 -1.20	50.40 1.43 -2.13	47.04 1.24 -1.90	55.33 1.40 -2.74	54.66 1.09 -2.51	40.32 0.57 -0.99	40.49 0.96 -1.01	36.92 1.12 0.00	37.92 1.04 0.00
GOODYEAR_LAKE_HYD 323669	31.93 1.03 -0.34	26.94 0.90 -0.11	26.54 0.93 -0.04	25.55 0.90 0.00	24.37 0.83 -0.02	25.33 0.85 -0.02	25.45 0.82 -0.15	34.43 0.94 -0.44	32.51 0.88 -0.31	24.96 0.66 0.00	30.67 0.80 -0.10	38.42 1.08 -0.32	37.86 1.10 -0.43	37.59 0.99 -0.19	36.42 0.98 -0.48	39.77 1.18 -0.63	49.53 1.56 -1.13	46.44 1.47 -1.06	54.67 1.95 -1.54	54.45 1.98 -1.41	40.66 1.34 -0.55	40.41 1.33 -0.57	37.14 1.33 0.00	38.21 1.32 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.57 0.21 -0.79	26.47 0.27 -0.27	25.89 0.23 -0.09	24.85 0.20 0.00	23.82 0.26 -0.04	24.73 0.23 -0.05	25.08 0.25 -0.36	34.24 0.14 -1.04	32.08 0.02 -0.74	24.24 -0.07 0.00	30.03 0.03 -0.23	37.93 0.15 -0.77	37.47 0.12 -1.02	36.84 -0.03 -0.45	36.21 0.12 -1.13	39.57 0.12 -1.50	49.87 0.37 -2.66	46.63 0.21 -2.51	55.33 0.51 -3.63	54.77 0.39 -3.33	40.20 0.13 -1.31	40.08 0.23 -1.35	36.19 0.38 0.00	37.19 0.30 0.00

GOUDEY___7 23579	31.57 0.21 -0.79	26.47 0.27 -0.27	25.89 0.23 -0.09	24.85 0.20 0.00	23.82 0.26 -0.04	24.73 0.23 -0.05	25.08 0.25 -0.36	34.24 0.14 -1.04	32.08 0.02 -0.74	24.24 -0.07 0.00	30.03 0.03 -0.23	37.93 0.15 -0.77	37.47 0.12 -1.02	36.84 -0.03 -0.45	36.21 0.12 -1.13	39.57 0.12 -1.50	49.87 0.37 -2.66	46.63 0.21 -2.51	55.33 0.51 -3.63	54.77 0.39 -3.33	40.20 0.13 -1.31	40.08 0.23 -1.35	36.19 0.38 0.00	37.19 0.30 0.00
GOUDEY___8 23580	31.57 0.21 -0.79	26.47 0.27 -0.27	25.89 0.23 -0.09	24.85 0.20 0.00	23.82 0.26 -0.04	24.73 0.23 -0.05	25.08 0.25 -0.36	34.24 0.14 -1.04	32.08 0.02 -0.74	24.24 -0.07 0.00	30.03 0.03 -0.23	37.93 0.15 -0.77	37.47 0.12 -1.02	36.84 -0.03 -0.45	36.21 0.12 -1.13	39.57 0.12 -1.50	49.87 0.37 -2.66	46.63 0.21 -2.51	55.33 0.51 -3.63	54.77 0.39 -3.33	40.20 0.13 -1.31	40.08 0.23 -1.35	36.19 0.38 0.00	37.19 0.30 0.00
GOWANUS_GT1_1 24077	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT1_2 24078	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT1_3 24079	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT1_4 24080	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT1_5 24084	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT1_6 24111	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	2																	

GOWANUS_GT2_6 24119	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT2_7 24120	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.01 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT2_8 24121	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT3_1 24122	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT3_2 24123	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT3_3 24124	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT3_4 24125	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT3_5 24126	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35																

GOWANUS_GT4_5 24134	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT4_6 24135	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT4_7 24136	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GOWANUS_GT4_8 24137	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GREATVRV_69_KV_BK1 356245	32.33 1.77 0.00	27.57 1.65 0.00	27.14 1.57 0.00	25.98 1.33 0.00	24.65 1.12 0.00	25.59 1.08 -0.05	25.63 0.96 -0.19	35.41 0.81 -1.55	32.34 1.03 0.00	25.37 1.06 0.00	42.17 1.69 -10.71	56.99 2.16 -17.82	66.15 1.90 -27.93	108.72 1.85 -70.46	73.84 1.76 -37.11	65.83 2.03 -25.86	51.50 2.28 -2.38	55.11 2.06 -9.14	53.93 2.75 0.00	53.99 2.93 0.00	40.22 1.89 0.43	46.35 1.77 -6.06	37.99 2.18 0.00	39.22 2.34 0.00
GREENBSH_115KV_TB3 55895	30.37 -0.19 0.00	25.90 -0.03 0.00	25.63 0.06 0.00	24.73 0.08 0.00	23.55 0.03 0.00	24.46 0.04 0.04	24.38 0.03 0.12	31.84 -0.18 1.03	31.17 -0.15 0.00	24.28 -0.02 0.00	29.39 -0.22 0.16	28.90 -0.31 7.79	35.65 -0.30 0.37	36.14 -0.27 0.00	33.29 -0.47 1.20	37.42 -0.53 0.00	46.13 -0.71 0.00	43.17 -0.74 0.00	50.41 -0.78 0.00	50.43 -0.62 0.00	38.34 -0.42 0.00	38.06 -0.45 0.00	35.55 -0.26 0.00	36.64 -0.24 0.00
GREENDGE_115KV_TB5 80291	31.76 0.33 -0.87	26.74 0.51 -0.29	26.09 0.42 -0.10	25.06 0.40 0.00	24.04 0.48 -0.04	25.00 0.48 -0.06	25.40 0.53 -0.39	34.76 0.57 -1.14	32.41 0.28 -0.81	24.30 0.00 0.00	30.15 0.13 -0.25	37.90 0.05 -0.84	37.29 -0.15 -1.12	36.58 -0.32 -0.49	36.32 0.13 -1.23	39.71 0.13 -1.64	50.22 0.48 -2.90	47.12 0.49 -2.72	55.99 0.86 -3.94	55.34 0.67 -3.61	40.42 0.23 -1.43	40.26 0.29 -1.46	36.14 0.33 0.00	37.23 0.34 0.00
GREENIDGE___3 23582	31.76 0.33 -0.87	26.74 0.51 -0.29	26.09 0.42 -0.10	25.06 0.40 0.00	24.04 0.48 -0.04	25.00 0.48 -0.06	25.40 0.53 -0.39	34.76 0.57 -1.14	32.41 0.28 -0.81	24.30 0.00 0.00	30.15 0.13 -0.25	37.90 0.05 -0.84	37.29 -0.15 -1.12	36.58 -0.32 -0.49	36.32 0.13 -1.23	39.71 0.13 -1.64	50.22 0.48 -2.90	47.12 0.49 -2.72	55.99 0.86 -3.94	55.34 0.67 -3.61	40.42 0.23 -1.43	40.26 0.29 -1.46	36.14 0.33 0.00	37.23 0.34 0.00
GREENIDGE___4 23583	31.76 0.34 -0.87	26.74 0.51 -0.29	26.09 0.42 -0.10	25.06 0.40 0.00	24.04 0.48 -0.04	25.00 0.48 -0.06	25.40 0.53 -0.39	34.75 0.56 -1.14	32.40 0.27 -0.81	24.30 0.00 0.00	30.14 0.12 -0.25	37.90 0.05 -0.84	37.29 -0.15 -1.12	36.58 -0.32 -0.49	36.33 0.13 -1.23	39.70 0.12 -1.64	50.22 0.48 -2.90	47.12 0.49 -2.72	55.98 0.85 -3.94	55.34 0.67 -3.61	40.41 0.22 -1.43	40.26 0.29 -1.46	36.14 0.33 0.00	37.23 0.34 0.00
GREENLWN_69_KV_BK 3 55738	31.66 1.10 0.00	27.06 1.14 0.00	26.68 1.11 0.00	25.54 0.89 0.00	24.24 0.72 0.00	25.12 0.61 -0.05	25.13 0.46 -0.19	34.71 0.11 -1.55	31.65 0.33 0.00	24.86 0.55 0.00	41.64 1.21 -10.66	56.17 1.41 -17.75	65.14 1.04 -27.77	107.42 0.93 -70.08	72.80 0.88 -36.95	64.69 1.04 -25.69	50.09 0.88 -2.37	53.72 0.72 -9.09	52.29 1.10 0.00	52.33 1.27 0.00	38.98 0.70 0.48	45.16 0.63 -6.02	37.01 1.20 0.00	38.35 1.47 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00
GRISSOM___SOLAR 323813	31.92 1.36 0.00	27.08 1.16 0.00	26.73 1.16 0.00	25.75 1.10 0.00	24.55 1.03 0.00	25.50 1.07 0.03	25.47 1.10 0.10	33.56 1.34 0.83	32.21 0.90 0.00	24.61 0.31 0.00	29.45 -0.19 0.13	30.39 -0.33 6.29	35.93 -0.09 0.30	36.68 0.26 0.00	33.73 -0.27 0.97	37.99 0.03 0.00	47.44 0.60 0.00	45.57 1.66 0.00	53.67 2.49 0.00	53.66 2.60 0.00	40.67 1.91 0.00	40.40 1.89 0.00	37.58 1.77 0.00	38.61 1.73 0.00
GROVEVILLE___HYD 323602	31.88 1.32 0.00	27.14 1.22 0.00	26.80 1.22 0.00	25.74 1.09 0.00	24.45 0.93 0.00	25.48 0.97 -0.05	25.61 0.96 -0.18	35.51 1.00 -1.46	32.42 1.10 0.00	25.32 1.01 0.00	31.32 1.32 -0.23	49.79 1.74 -11.04	38.50 1.64 -0.53	38.06 1.65 0.00	38.15 1.48 -1.70	39.65 1.70 0.00	48.66 1.82 0.00	45.45 1.55 0.00	53.29 2.10 0.00	53.31 2.26 0.00	40.32 1.56 0.00	40.04 1.53 0.00	37.57 1.76 0.00	38.71 1.83 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
HAMLTNNY_34_KV_TB 80303	32.29 0.17 -1.56	26.63 0.17 -0.53	25.89 0.15 -0.17	24.80 0.14 0.00	23.76 0.17 -0.07	24.70 0.14 -0.10	25.36 0.18 -0.70	35.20 0.10 -2.05	32.78 0.01 -1.46	24.22 -0.08 0.00	30.14 -0.09 -0.45	38.45 -0.06 -1.51	38.24 -0.10 -2.01	37.20 -0.10 -0.89	37.21 0.04 -2.21	41.03 0.13 -2.95	52.32 0.26 -5.22	49.29 0.17 -5.21	59.15 0.42 -7.54	58.32 0.35 -6.91	41.60 0.11 -2.73	41.48 0.17 -2.79	36.06 0.25 0.00	37.07 0.18 0.00

HAMPSHIRE___PAPER_HYD 323593	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.13 0.64 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.92 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.47 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
HARDSCRABBLE_WT_PWR 323673	30.84 0.28 0.00	26.31 0.38 0.00	26.09 0.51 0.00	25.17 0.51 0.00	23.98 0.46 0.00	24.95 0.49 0.00	25.00 0.52 0.00	33.48 0.43 0.00	31.33 0.02 0.00	24.16 -0.14 0.00	29.01 -0.76 0.00	35.96 -1.05 0.00	35.53 -0.80 0.00	35.92 -0.50 0.00	33.71 -1.26 0.00	36.93 -1.02 0.00	46.41 -0.43 0.00	43.80 -0.11 0.00	51.84 0.65 0.00	51.96 0.91 0.00	39.36 0.60 0.00	39.22 0.71 0.00	36.56 0.75 0.00	37.59 0.71 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	31.79 1.23 0.00	27.09 1.17 0.00	26.75 1.18 0.00	25.68 1.03 0.00	24.39 0.87 0.00	25.44 0.93 -0.05	25.56 0.92 -0.17	35.38 0.93 -1.40	32.36 1.04 0.00	25.27 0.96 0.00	31.24 1.25 -0.22	49.27 1.69 -10.58	38.43 1.60 -0.51	37.99 1.58 0.00	38.03 1.43 -1.63	39.58 1.63 0.00	48.55 1.71 0.00	45.33 1.42 0.00	53.19 2.00 0.00	53.17 2.11 0.00	40.18 1.43 0.00	39.94 1.43 0.00	37.50 1.70 0.00	38.64 1.76 0.00
HARSNRAD_115KV_TB1 81005	31.84 0.64 -0.64	26.77 0.62 -0.22	26.16 0.51 -0.07	25.27 0.62 0.00	24.31 0.76 -0.03	25.28 0.78 -0.04	25.47 0.71 -0.29	34.57 0.67 -0.84	32.33 0.42 -0.60	24.52 0.22 0.00	30.49 0.54 -0.19	38.43 0.80 -0.62	37.79 0.64 -0.83	37.27 0.49 -0.37	36.72 0.85 -0.91	39.67 0.51 -1.21	49.27 0.29 -2.15	45.89 0.03 -1.95	53.76 -0.26 -2.83	52.90 -0.74 -2.59	39.04 -0.74 -1.02	39.65 0.09 -1.05	36.25 0.44 0.00	37.33 0.45 0.00
HARZA MOOSE___RIVER 24016	32.02 1.00 -0.46	26.91 0.83 -0.16	26.36 0.73 -0.05	25.34 0.69 0.00	24.22 0.68 -0.02	25.23 0.74 -0.03	25.42 0.74 -0.21	34.50 0.84 -0.60	32.54 0.79 -0.43	24.86 0.56 0.00	30.37 0.47 -0.13	37.86 0.40 -0.45	37.29 0.37 -0.59	37.07 0.40 -0.26	36.10 0.48 -0.65	39.52 0.70 -0.87	49.48 1.10 -1.54	46.77 1.39 -1.47	55.14 1.83 -2.13	54.85 1.85 -1.95	40.45 0.92 -0.77	40.11 0.82 -0.79	36.37 0.57 0.00	37.15 0.27 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	31.48 -0.17 -1.09	26.18 -0.12 -0.37	25.56 -0.14 -0.12	24.52 -0.13 0.00	23.46 -0.11 -0.05	24.42 -0.11 -0.07	24.86 -0.10 -0.49	34.22 -0.26 -1.43	32.02 -0.31 -1.02	24.02 -0.28 0.00	29.75 -0.33 -0.32	37.69 -0.37 -1.05	37.38 -0.35 -1.40	36.66 -0.37 -0.62	36.24 -0.27 -1.54	39.81 -0.20 -2.06	50.31 -0.17 -3.64	47.24 -0.14 -3.47	56.16 -0.06 -5.03	55.56 -0.11 -4.61	40.35 -0.23 -1.82	40.22 -0.15 -1.86	35.73 -0.08 0.00	36.74 -0.14 0.00
HELLGATE_13_KV_LD 55870	32.18 1.63 0.00	27.37 1.45 0.00	27.02 1.45 0.00	25.94 1.29 0.00	24.61 1.09 0.00	25.67 1.15 -0.05	25.80 1.14 -0.19	35.82 1.23 -1.55	32.72 1.40 0.00	25.63 1.32 0.00	31.76 1.75 -0.24	51.02 2.33 -11.68	39.03 2.14 -0.56	38.50 2.09 0.00	38.68 1.91 -1.80	40.01 2.06 0.00	48.73 1.89 0.00	45.42 1.51 0.00	53.25 2.06 0.00	53.30 2.24 0.00	40.30 1.54 0.00	40.11 1.60 0.00	37.84 2.04 0.00	39.08 2.20 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	32.18 1.63 0.00	27.37 1.45 0.00	27.02 1.45 0.00	25.94 1.29 0.00	24.61 1.09 0.00	25.67 1.15 -0.05	25.80 1.14 -0.19	35.82 1.23 -1.55	32.72 1.40 0.00	25.63 1.32 0.00	31.76 1.75 -0.24	51.02 2.33 -11.68	39.03 2.14 -0.56	38.50 2.09 0.00	38.68 1.91 -1.80	40.01 2.06 0.00	48.73 1.89 0.00	45.42 1.51 0.00	53.25 2.06 0.00	53.30 2.24 0.00	40.30 1.54 0.00	40.11 1.60 0.00	37.84 2.04 0.00	39.08 2.20 0.00
HEMPSTEAD____ 23647	31.99 1.43 0.00	27.27 1.34 0.00	26.87 1.30 0.00	25.74 1.09 0.00	24.44 0.91 0.00	25.41 0.90 -0.05	25.50 0.83 -0.19	35.31 0.71 -1.55	32.22 0.90 0.00	25.25 0.94 0.00	46.80 1.46 -15.57	62.24 1.87 -23.36	80.02 1.69 -42.00	143.17 1.59 -105.17	89.27 1.33 -52.97	79.30 1.43 -39.93	51.58 1.29 -3.45	58.30 1.12 -13.27	52.85 1.66 0.00	52.86 1.81 0.00	42.38 1.14 -2.48	49.11 1.14 -9.45	37.35 1.54 0.00	38.59 1.70 0.00
HICKLING___1 23621	31.72 0.36 -0.81	26.64 0.44 -0.28	25.97 0.31 -0.09	24.92 0.27 0.00	23.98 0.42 -0.04	24.90 0.39 -0.05	25.28 0.44 -0.37	34.47 0.35 -1.06	32.12 0.05 -0.76	24.12 -0.18 0.00	29.98 -0.02 -0.23	37.92 0.13 -0.78	37.52 0.15 -1.04	36.71 -0.16 -0.46	36.34 0.22 -1.15	39.68 0.20 -1.53	50.23 0.68 -2.71	46.90 0.44 -2.55	55.69 0.82 -3.69	54.97 0.54 -3.38	40.23 0.13 -1.34	40.10 0.23 -1.36	36.14 0.33 0.00	37.04 0.16 0.00
HICKLING___2 23622	31.72 0.36 -0.81	26.64 0.44 -0.28	25.97 0.31 -0.09	24.92 0.27 0.00	23.98 0.42 -0.04	24.90 0.39 -0.05	25.28 0.44 -0.37	34.47 0.35 -1.06	32.12 0.05 -0.76	24.12 -0.18 0.00	29.98 -0.02 -0.23	37.92 0.13 -0.78	37.52 0.15 -1.04	36.71 -0.16 -0.46	36.34 0.22 -1.15	39.68 0.20 -1.53	50.23 0.68 -2.71	46.90 0.44 -2.55	55.69 0.82 -3.69	54.97 0.54 -3.38	40.23 0.13 -1.34	40.10 0.23 -1.36	36.14 0.33 0.00	37.04 0.16 0.00
HIGH FALLS___HY 23754	31.88 1.33 0.00	27.13 1.21 0.00	26.78 1.21 0.00	25.71 1.06 0.00	24.42 0.90 0.00	25.43 0.93 -0.04	25.51 0.92 -0.12	34.99 0.93 -1.01	32.37 1.05 0.00	25.27 0.97 0.00	31.21 1.28 -0.16	46.34 1.70 -7.64	38.18 1.49 -0.37	37.86 1.45 0.00	37.40 1.25 -1.18	39.63 1.68 0.00	48.66 1.82 0.00	45.60 1.69 0.00	53.54 2.35 0.00	53.58 2.53 0.00	40.49 1.73 0.00	40.22 1.71 0.00	37.76 1.96 0.00	38.88 2.00 0.00
HIGH_RIVER___SOLAR 323847	31.38 0.82 0.00	26.66 0.73 0.00	26.34 0.77 0.00	25.39 0.74 0.00	24.19 0.67 0.00	25.12 0.69 0.03	25.06 0.69 0.11	32.91 0.74 0.88	31.76 0.44 0.00	24.41 0.11 0.00	29.48 -0.16 0.14	30.00 -0.33 6.68	35.90 -0.10 0.32	36.52 0.11 0.00	33.71 -0.23 1.03	37.90 -0.05 0.00	47.06 0.22 0.00	44.76 0.85 0.00	52.55 1.37 0.00	52.56 1.51 0.00	39.86 1.10 0.00	39.60 1.09 0.00	36.90 1.09 0.00	37.97 1.09 0.00
HILLBURN___GT 23639	31.71 1.16 0.00	27.06 1.13 0.00	26.72 1.15 0.00	25.64 0.99 0.00	24.34 0.82 0.00	25.40 0.89 -0.05	25.55 0.90 -0.17	35.37 0.89 -1.43	32.33 1.02 0.00	25.26 0.96 0.00	31.25 1.25 -0.22	49.48 1.68 -10.80	38.43 1.58 -0.52	37.92 1.51 0.00	38.00 1.37 -1.67	39.47 1.52 0.00	48.33 1.49 0.00	45.12 1.21 0.00	52.97 1.79 0.00	52.96 1.91 0.00	40.02 1.26 0.00	39.78 1.27 0.00	37.41 1.60 0.00	38.58 1.70 0.00
HILLSIDE_115KV_TB1 80332	31.22 -0.15 -0.81	26.22 0.02 -0.28	25.56 -0.10 -0.09	24.51 -0.14 0.00	23.58 0.02 -0.04	24.47 -0.04 -0.05	24.87 0.03 -0.37	33.91 -0.21 -1.07	31.65 -0.42 -0.76	23.76 -0.54 0.00	29.57 -0.43 -0.23	37.44 -0.35 -0.79	37.03 -0.34 -1.05	36.25 -0.63 -0.46	35.81 -0.30 -1.15	39.04 -0.44 -1.53	49.46 -0.09 -2.72	46.12 -0.33 -2.55	54.85 -0.03 -3.70	54.11 -0.33 -3.39	39.63 -0.46 -1.34	39.54 -0.34 -1.37	35.68 -0.13 0.00	36.58 -0.30 0.00

HISHELDN_WT_PWR 323625	31.83 0.58 -0.69	26.78 0.62 -0.23	26.14 0.49 -0.08	25.22 0.57 0.00	24.26 0.70 -0.03	25.20 0.70 -0.04	25.43 0.65 -0.31	34.56 0.60 -0.91	32.21 0.25 -0.64	24.39 0.09 0.00	30.25 0.28 -0.20	38.21 0.54 -0.67	37.62 0.40 -0.89	36.98 0.18 -0.39	36.51 0.57 -0.98	39.63 0.38 -1.30	49.63 0.48 -2.31	46.25 0.22 -2.13	54.43 0.16 -3.08	53.70 -0.17 -2.82	39.47 -0.40 -1.11	39.68 0.03 -1.14	35.97 0.16 0.00	37.00 0.12 0.00
HOLTSVILLE_IC_1 23690	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
HOLTSVILLE_IC_10 23699	31.91 1.35 0.00	27.24 1.31 0.00	26.83 1.26 0.00	25.68 1.03 0.00	24.37 0.85 0.00	25.29 0.78 -0.05	25.33 0.67 -0.19	35.00 0.40 -1.55	31.95 0.64 0.00	25.08 0.77 0.00	41.57 1.32 -10.48	56.19 1.65 -17.54	64.96 1.40 -27.24	106.52 1.35 -68.76	72.68 1.36 -36.34	64.75 1.64 -25.16	50.89 1.72 -2.33	54.37 1.53 -8.94	53.29 2.10 0.00	53.33 2.27 0.00	39.55 1.39 0.60	45.65 1.24 -5.90	37.51 1.71 0.00	38.74 1.86 0.00
HOLTSVILLE_IC_2 23691	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
HOLTSVILLE_IC_3 23692	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
HOLTSVILLE_IC_4 23693	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
HOLTSVILLE_IC_5 23694	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
HOLTSVILLE_IC_6 23695	31.91 1.35 0.00	27.24 1.31 0.00	26.83 1.26 0.00	25.68 1.03 0.00	24.37 0.85 0.00	25.29 0.78 -0.05	25.33 0.67 -0.19	35.00 0.40 -1.55	31.95 0.64 0.00	25.08 0.77 0.00	41.57 1.32 -10.48	56.19 1.65 -17.54	64.96 1.40 -27.24	106.52 1.35 -68.76	72.68 1.36 -36.34	64.75 1.64 -25.16	50.89 1.72 -2.33	54.37 1.53 -8.94	53.29 2.10 0.00	53.33 2.27 0.00	39.55 1.39 0.60	45.65 1.24 -5.90	37.51 1.71 0.00	38.74 1.86 0.00
HOLTSVILLE_IC_7 23696	31.91 1.35 0.00	27.24 1.31 0.00	26.83 1.26 0.00	25.68 1.03 0.00	24.37 0.85 0.00	25.29 0.78 -0.05	25.33 0.67 -0.19	35.00 0.40 -1.55	31.95 0.64 0.00	25.08 0.77 0.00	41.57 1.32 -10.48	56.19 1.65 -17.54	64.96 1.40 -27.24	106.52 1.35 -68.76	72.68 1.36 -36.34	64.75 1.64 -25.16	50.89 1.72 -2.33	54.37 1.53 -8.94	53.29 2.10 0.00	53.33 2.27 0.00	39.55 1.39 0.60	45.65 1.24 -5.90	37.51 1.71 0.00	38.74 1.86 0.00
HOLTSVILLE_IC_8 23697	31.91 1.35 0.00	27.24 1.31 0.00	26.83 1.26 0.00	25.68 1.03 0.00	24.37 0.85 0.00	25.29 0.78 -0.05	25.33 0.67 -0.19	35.00 0.40 -1.55	31.95 0.64 0.00	25.08 0.77 0.00	41.57 1.32 -10.48	56.19 1.65 -17.54	64.96 1.40 -27.24	106.52 1.35 -68.76	72.68 1.36 -36.34	64.75 1.64 -25.16	50.89 1.72 -2.33	54.37 1.53 -8.94	53.29 2.10 0.00	53.33 2.27 0.00	39.55 1.39 0.60	45.65 1.24 -5.90	37.51 1.71 0.00	38.74 1.86 0.00
HOLTSVILLE_IC_9 23698	31.91 1.35 0.00	27.24 1.31 0.00	26.83 1.26 0.00	25.68 1.03 0.00	24.37 0.85 0.00	25.29 0.78 -0.05	25.33 0.67 -0.19	35.00 0.40 -1.55	31.95 0.64 0.00	25.08 0.77 0.00	41.57 1.32 -10.48	56.19 1.65 -17.54	64.96 1.40 -27.24	106.52 1.35 -68.76	72.68 1.36 -36.34	64.75 1.64 -25.16	50.89 1.72 -2.33	54.37 1.53 -8.94	53.29 2.10 0.00	53.33 2.27 0.00	39.55 1.39 0.60	45.65 1.24 -5.90	37.51 1.71 0.00	38.74 1.86 0.00
HOMER_HL_115KV_TB2 355744	31.47 0.24 -0.67	26.58 0.42 -0.23	26.01 0.36 -0.08	25.03 0.38 0.00	24.04 0.49 -0.03	25.03 0.53 -0.04	25.35 0.57 -0.30	34.49 0.56 -0.88	32.20 0.26 -0.62	24.34 0.04 0.00	30.31 0.35 -0.19	38.30 0.64 -0.64	37.58 0.39 -0.86	36.88 0.09 -0.38	36.35 0.44 -0.94	39.40 0.19 -1.26	49.38 0.30 -2.24	45.96 0.00 -2.05	54.61 0.45 -2.97	53.84 0.06 -2.72	39.53 -0.30 -1.07	39.69 0.08 -1.10	36.28 0.48 0.00	37.13 0.25 0.00
HOWARD_WT_PWR 323690	32.07 0.71 -0.79	26.95 0.76 -0.27	26.28 0.62 -0.09	25.28 0.63 0.00	24.32 0.76 -0.04	25.18 0.67 -0.05	25.43 0.60 -0.36	34.70 0.61 -1.04	32.08 0.02 -0.74	24.24 -0.06 0.00	30.02 0.02 -0.23	37.94 0.16 -0.77	37.47 0.12 -1.03	36.64 -0.22 -0.45	36.39 0.30 -1.13	39.82 0.36 -1.50	50.27 0.77 -2.67	46.95 0.56 -2.48	55.72 0.93 -3.60	55.12 0.77 -3.30	40.17 0.11 -1.30	39.61 -0.23 -1.33	35.37 -0.44 0.00	36.22 -0.67 0.00
HQ_GEN_CEDARS 23644	30.97 0.42 0.00	26.17 0.24 0.00	25.72 0.14 0.00	24.76 0.11 0.00	23.68 0.16 0.00	24.68 0.22 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.36 0.59 0.00	37.56 0.55 0.00	36.99 0.66 0.00	37.08 0.66 0.00	35.69 0.72 0.00	38.64 0.69 0.00	47.73 0.89 0.00	44.78 0.87 0.00	51.87 0.68 0.00	51.61 0.55 0.00	39.39 0.63 0.00	39.05 0.54 0.00	36.00 0.20 0.00	37.03 0.14 0.00
HQ_GEN_CEDARS_PROXY 323590	30.97 0.42 0.00	26.17 0.24 0.00	25.71 0.14 0.00	24.76 0.11 0.00	23.68 0.16 0.00	15.14 0.22 9.54	26.01 0.26 -1.27	34.33 0.63 -0.65	31.94 0.63 0.00	24.71 0.41 0.00	30.36 0.59 0.00	37.56 0.55 0.00	36.98 0.66 0.00	37.07 0.66 0.00	34.10 0.72 1.58	38.64 0.69 0.00	44.98 0.89 2.75	44.78 0.87 0.00	51.87 0.68 0.00	51.60 0.55 0.00	39.39 0.63 0.00	39.05 0.54 0.00	36.01 0.20 0.00	37.03 0.14 0.00

HQ_GEN_IMPORT 323601	30.70 0.14 0.00	27.41 0.03 -1.46	25.76 -0.01 -0.20	24.63 -0.02 0.00	23.52 0.00 0.00	20.25 0.03 4.24	28.77 0.05 -4.24	33.59 0.28 -0.25	31.59 0.27 0.00	24.49 0.19 0.00	30.32 0.28 -0.27	37.34 0.33 0.00	36.43 0.32 0.21	37.12 0.31 -0.40	35.54 0.35 -0.22	37.03 0.33 1.24	51.06 0.42 -3.80	44.22 0.43 0.11	51.52 0.33 0.00	51.31 0.26 0.00	39.07 0.31 0.00	38.77 0.26 0.00	35.87 0.06 0.00	36.96 0.08 0.00
HQ_GEN_WHEEL 23651	30.70 0.14 0.00	27.41 0.03 -1.46	25.76 -0.01 -0.20	24.63 -0.02 0.00	23.52 0.00 0.00	20.25 0.03 4.24	28.77 0.05 -4.24	33.59 0.28 -0.25	31.59 0.27 0.00	24.49 0.19 0.00	30.32 0.28 -0.27	37.34 0.33 0.00	36.43 0.32 0.21	37.12 0.31 -0.40	35.54 0.35 -0.22	37.03 0.33 1.24	51.06 0.42 -3.80	44.22 0.43 0.11	51.52 0.33 0.00	51.31 0.26 0.00	39.07 0.31 0.00	38.77 0.26 0.00	35.87 0.06 0.00	36.96 0.08 0.00
HUDSON AVE_GT_3 23810	32.13 1.57 0.00	27.32 1.39 0.00	26.95 1.38 0.00	25.87 1.22 0.00	24.55 1.03 0.00	25.60 1.09 -0.05	25.74 1.08 -0.19	35.73 1.13 -1.55	32.62 1.30 0.00	25.53 1.23 0.00	31.63 1.62 -0.24	50.85 2.16 -11.68	38.90 2.02 -0.56	38.35 1.93 0.00	38.54 1.77 -1.80	39.88 1.93 0.00	48.66 1.82 0.00	45.38 1.48 0.00	53.22 2.04 0.00	53.14 2.09 0.00	40.19 1.43 0.00	40.03 1.53 0.00	37.72 1.91 0.00	38.93 2.04 0.00
HUDSON AVE_GT_4 23540	32.13 1.57 0.00	27.32 1.39 0.00	26.95 1.38 0.00	25.87 1.22 0.00	24.55 1.03 0.00	25.60 1.09 -0.05	25.74 1.08 -0.19	35.73 1.13 -1.55	32.62 1.30 0.00	25.53 1.23 0.00	31.63 1.62 -0.24	50.85 2.16 -11.68	38.90 2.02 -0.56	38.35 1.93 0.00	38.54 1.77 -1.80	39.88 1.93 0.00	48.66 1.82 0.00	45.38 1.48 0.00	53.22 2.04 0.00	53.14 2.09 0.00	40.19 1.43 0.00	40.03 1.53 0.00	37.72 1.91 0.00	38.93 2.04 0.00
HUDSON AVE_GT_5 23657	32.13 1.57 0.00	27.32 1.39 0.00	26.95 1.38 0.00	25.87 1.22 0.00	24.55 1.03 0.00	25.60 1.09 -0.05	25.74 1.08 -0.19	35.73 1.13 -1.55	32.62 1.30 0.00	25.53 1.23 0.00	31.63 1.62 -0.24	50.85 2.16 -11.68	38.90 2.02 -0.56	38.35 1.93 0.00	38.54 1.77 -1.80	39.88 1.93 0.00	48.66 1.82 0.00	45.38 1.48 0.00	53.22 2.04 0.00	53.14 2.09 0.00	40.19 1.43 0.00	40.03 1.53 0.00	37.72 1.91 0.00	38.93 2.04 0.00
HUDSON_AVE_10 24168	32.01 1.45 0.00	27.22 1.29 0.00	26.86 1.29 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.67 1.01 -0.19	35.62 1.03 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.55 1.50 -0.29	51.68 1.99 -12.68	39.33 1.83 -1.17	39.18 1.73 -1.04	38.33 1.56 -1.80	40.51 1.70 -0.86	48.40 1.56 0.00	45.12 1.21 0.00	52.92 1.74 0.00	53.11 2.06 0.00	41.28 1.42 -1.10	40.14 1.40 -0.23	37.56 1.76 0.00	38.77 1.89 0.00
HUDSON___115KV_TB 4 355613	30.94 0.38 0.00	26.34 0.41 0.00	26.05 0.47 0.00	25.15 0.49 0.00	23.96 0.43 0.00	24.90 0.46 0.02	24.88 0.48 0.08	32.88 0.48 0.65	31.67 0.35 0.00	24.54 0.24 0.00	29.64 -0.03 0.10	31.99 -0.10 4.92	36.00 -0.08 0.24	36.36 -0.06 0.00	33.91 -0.30 0.76	37.60 -0.35 0.00	46.77 -0.07 0.00	43.80 -0.11 0.00	51.48 0.29 0.00	51.55 0.50 0.00	39.14 0.38 0.00	38.84 0.33 0.00	36.18 0.37 0.00	37.22 0.34 0.00
HUNTER MOUNT___DRP 323613	30.97 0.42 0.00	26.38 0.45 0.00	26.08 0.50 0.00	25.19 0.53 0.00	24.01 0.48 0.00	24.95 0.50 0.01	24.98 0.55 0.04	33.32 0.62 0.35	31.75 0.43 0.00	24.56 0.26 0.00	29.67 -0.04 0.06	34.25 -0.13 2.63	36.08 -0.12 0.13	36.33 -0.08 0.00	34.21 -0.35 0.41	37.53 -0.41 0.00	46.74 -0.10 0.00	43.89 -0.02 0.00	51.54 0.35 0.00	51.59 0.53 0.00	39.18 0.42 0.00	38.87 0.35 0.00	36.15 0.35 0.00	37.18 0.29 0.00
HUNTINGTON_RES_REC 323705	31.77 1.21 0.00	27.13 1.21 0.00	26.73 1.16 0.00	25.59 0.93 0.00	24.28 0.76 0.00	25.18 0.67 -0.05	25.19 0.53 -0.19	34.81 0.21 -1.55	31.75 0.43 0.00	24.92 0.62 0.00	41.54 1.26 -10.52	56.10 1.51 -17.58	64.87 1.18 -27.36	106.58 1.11 -69.06	72.57 1.12 -36.48	64.57 1.34 -25.28	50.49 1.31 -2.34	54.03 1.15 -8.98	52.81 1.62 0.00	52.83 1.78 0.00	39.23 1.04 0.57	45.36 0.92 -5.93	37.24 1.43 0.00	38.54 1.66 0.00
HUNTLEY___63 23557	32.03 0.83 -0.64	26.93 0.79 -0.22	26.30 0.66 -0.07	25.39 0.74 0.00	24.43 0.88 -0.03	25.40 0.90 -0.04	25.62 0.85 -0.29	34.72 0.82 -0.84	32.48 0.57 -0.60	24.66 0.36 0.00	30.70 0.74 -0.19	38.70 1.07 -0.62	38.07 0.92 -0.83	37.54 0.77 -0.37	37.02 1.14 -0.91	39.96 0.79 -1.21	49.67 0.68 -2.15	46.24 0.37 -1.96	54.11 0.08 -2.84	53.17 -0.49 -2.60	39.21 -0.58 -1.03	39.86 0.30 -1.05	36.41 0.60 0.00	37.54 0.66 0.00
HUNTLEY___64 23558	32.03 0.83 -0.64	26.93 0.79 -0.22	26.30 0.66 -0.07	25.39 0.74 0.00	24.43 0.88 -0.03	25.40 0.90 -0.04	25.62 0.85 -0.29	34.72 0.82 -0.84	32.48 0.57 -0.60	24.66 0.36 0.00	30.70 0.74 -0.19	38.70 1.07 -0.62	38.07 0.92 -0.83	37.54 0.77 -0.37	37.02 1.14 -0.91	39.96 0.79 -1.21	49.67 0.68 -2.15	46.24 0.37 -1.96	54.11 0.08 -2.84	53.17 -0.49 -2.60	39.21 -0.58 -1.03	39.86 0.30 -1.05	36.41 0.60 0.00	37.54 0.66 0.00
HUNTLEY___65 23559	32.03 0.83 -0.64	26.93 0.79 -0.22	26.30 0.66 -0.07	25.39 0.74 0.00	24.43 0.88 -0.03	25.40 0.90 -0.04	25.62 0.85 -0.29	34.72 0.82 -0.84	32.48 0.57 -0.60	24.66 0.36 0.00	30.70 0.74 -0.19	38.70 1.07 -0.62	38.07 0.92 -0.83	37.54 0.77 -0.37	37.02 1.14 -0.91	39.96 0.79 -1.21	49.67 0.68 -2.15	46.24 0.37 -1.96	54.11 0.08 -2.84	53.17 -0.49 -2.60	39.21 -0.58 -1.03	39.86 0.30 -1.05	36.41 0.60 0.00	37.54 0.66 0.00
HUNTLEY___66 23560	32.03 0.83 -0.64	26.93 0.79 -0.22	26.30 0.66 -0.07	25.39 0.74 0.00	24.43 0.88 -0.03	25.40 0.90 -0.04	25.62 0.85 -0.29	34.72 0.82 -0.84	32.48 0.57 -0.60	24.66 0.36 0.00	30.70 0.74 -0.19	38.70 1.07 -0.62	38.07 0.92 -0.83	37.54 0.77 -0.37	37.02 1.14 -0.91	39.96 0.79 -1.21	49.67 0.68 -2.15	46.24 0.37 -1.96	54.11 0.08 -2.84	53.17 -0.49 -2.60	39.21 -0.58 -1.03	39.86 0.30 -1.05	36.41 0.60 0.00	37.54 0.66 0.00
HUNTLEY___67 23561	31.79 0.58 -0.64	26.74 0.60 -0.22	26.12 0.48 -0.07	25.23 0.57 0.00	24.26 0.71 -0.03	25.22 0.72 -0.04	25.45 0.68 -0.29	34.55 0.66 -0.84	32.32 0.41 -0.60	24.55 0.25 0.00	30.57 0.62 -0.19	38.55 0.92 -0.62	37.91 0.76 -0.83	37.34 0.56 -0.36	36.81 0.94 -0.91	39.75 0.59 -1.21	49.46 0.48 -2.14	46.03 0.17 -1.96	53.96 -0.07 -2.84	53.08 -0.58 -2.60	39.10 -0.68 -1.03	39.68 0.12 -1.05	36.22 0.41 0.00	37.25 0.37 0.00
HUNTLEY___68 23562	31.79 0.58 -0.64	26.74 0.60 -0.22	26.12 0.48 -0.07	25.23 0.57 0.00	24.26 0.71 -0.03	25.22 0.72 -0.04	25.45 0.68 -0.29	34.55 0.66 -0.84	32.32 0.41 -0.60	24.55 0.25 0.00	30.57 0.62 -0.19	38.55 0.92 -0.62	37.91 0.76 -0.83	37.34 0.56 -0.36	36.81 0.94 -0.91	39.75 0.59 -1.21	49.46 0.48 -2.14	46.03 0.17 -1.96	53.96 -0.07 -2.84	53.08 -0.58 -2.60	39.10 -0.68 -1.03	39.68 0.12 -1.05	36.22 0.41 0.00	37.25 0.37 0.00



HYLAND___LFGE 323620	33.24 1.96 -0.71	27.87 1.70 -0.24	27.22 1.57 -0.08	26.20 1.55 0.00	25.14 1.59 -0.03	26.15 1.64 -0.04	26.53 1.74 -0.32	36.13 2.14 -0.94	33.66 1.68 -0.67	25.31 1.01 0.00	30.93 0.95 -0.21	38.84 1.14 -0.69	38.33 1.09 -0.92	37.76 0.94 -0.41	37.22 1.24 -1.01	40.67 1.38 -1.35	51.26 2.03 -2.39	48.23 2.14 -2.19	57.72 3.36 -3.17	57.42 3.46 -2.90	42.25 2.35 -1.15	42.17 2.49 -1.17	37.98 2.18 0.00	38.86 1.98 0.00
INDECK___CORINTH 23802	31.09 0.53 0.00	26.52 0.59 0.00	26.22 0.65 0.00	25.25 0.59 0.00	24.06 0.54 0.00	25.04 0.62 0.04	25.02 0.70 0.15	32.38 0.59 1.26	31.76 0.44 0.00	24.76 0.46 0.00	29.80 0.23 0.20	27.70 0.21 9.52	36.09 0.22 0.46	36.77 0.35 0.00	33.65 0.15 1.47	38.14 0.19 0.00	47.38 0.54 0.00	44.79 0.88 0.00	52.28 1.09 0.00	52.22 1.17 0.00	39.69 0.93 0.00	39.38 0.87 0.00	36.64 0.83 0.00	37.71 0.82 0.00
INDECK___ILION 23567	30.68 0.12 0.00	26.06 0.13 0.00	25.73 0.15 0.00	24.80 0.15 0.00	23.64 0.13 0.00	24.58 0.12 0.00	24.59 0.12 0.00	33.12 0.07 0.00	31.38 0.07 0.00	24.37 0.07 0.00	29.81 0.04 0.00	37.04 0.04 0.00	36.36 0.04 0.00	36.47 0.06 0.00	34.98 0.02 0.00	38.01 0.06 0.00	46.93 0.09 0.00	44.02 0.11 0.00	51.38 0.20 0.00	51.30 0.24 0.00	38.89 0.13 0.00	38.64 0.13 0.00	35.98 0.17 0.00	37.04 0.15 0.00
INDECK___OLEAN 23982	31.47 0.25 -0.67	26.58 0.43 -0.23	26.01 0.36 -0.08	25.03 0.38 0.00	24.04 0.49 -0.03	25.04 0.54 -0.04	25.35 0.58 -0.30	34.48 0.55 -0.88	32.19 0.25 -0.62	24.35 0.05 0.00	30.31 0.34 -0.19	38.30 0.65 -0.64	37.57 0.39 -0.86	36.88 0.09 -0.38	36.36 0.45 -0.94	39.40 0.19 -1.26	49.37 0.30 -2.24	45.96 0.00 -2.05	54.60 0.44 -2.97	53.83 0.05 -2.72	39.53 -0.31 -1.07	39.70 0.09 -1.10	36.28 0.47 0.00	37.14 0.25 0.00
INDECK___OSWEGO 23783	33.09 -0.50 -3.04	26.55 -0.40 -1.03	25.49 -0.42 -0.34	24.25 -0.40 0.00	23.29 -0.37 -0.14	24.27 -0.39 -0.20	25.44 -0.40 -1.37	36.40 -0.63 -3.98	33.50 -0.64 -2.82	23.76 -0.54 0.00	29.98 -0.67 -0.88	39.08 -0.86 -2.93	39.38 -0.85 -3.91	37.29 -0.85 -1.72	38.51 -0.75 -4.29	42.95 -0.73 -5.73	56.13 -0.86 -10.15	52.79 -0.74 -9.63	64.40 -0.74 -13.95	63.09 -0.75 -12.78	43.09 -0.72 -5.05	43.01 -0.66 -5.16	35.25 -0.56 0.00	36.24 -0.64 0.00
INDECK___YERKES 23781	32.05 0.85 -0.64	26.95 0.81 -0.22	26.32 0.68 -0.07	25.41 0.76 0.00	24.45 0.90 -0.03	25.42 0.92 -0.04	25.63 0.87 -0.29	34.72 0.83 -0.84	32.49 0.57 -0.60	24.68 0.38 0.00	30.72 0.76 -0.19	38.73 1.10 -0.62	38.10 0.94 -0.83	37.56 0.78 -0.37	37.05 1.17 -0.91	39.97 0.81 -1.21	49.71 0.71 -2.15	46.26 0.39 -1.96	54.14 0.11 -2.84	53.21 0.11 -2.60	39.23 -0.46 -1.03	39.90 0.33 -1.05	36.44 0.63 0.00	37.56 0.67 0.00
INDIAN POINT_GT_1 24139	31.69 1.14 0.00	27.01 1.09 0.00	26.67 1.10 0.00	25.60 0.95 0.00	24.31 0.79 0.00	25.35 0.84 -0.05	25.48 0.82 -0.18	35.36 0.79 -1.52	32.25 0.93 0.00	25.21 0.90 0.00	31.21 1.20 -0.24	50.13 1.61 -11.51	38.38 1.50 -0.55	37.86 1.44 0.00	38.02 1.28 -1.78	39.36 1.41 0.00	48.17 1.33 0.00	44.98 1.07 0.00	52.77 1.58 0.00	52.79 1.74 0.00	39.91 1.15 0.00	39.67 1.16 0.00	37.30 1.50 0.00	38.50 1.61 0.00
INDIAN POINT_GT_2 23659	31.69 1.14 0.00	27.01 1.09 0.00	26.67 1.10 0.00	25.60 0.95 0.00	24.31 0.79 0.00	25.35 0.84 -0.05	25.48 0.82 -0.18	35.36 0.79 -1.52	32.25 0.93 0.00	25.21 0.90 0.00	31.21 1.20 -0.24	50.13 1.61 -11.51	38.38 1.50 -0.55	37.86 1.44 0.00	38.02 1.28 -1.78	39.36 1.41 0.00	48.17 1.33 0.00	44.98 1.07 0.00	52.77 1.58 0.00	52.79 1.74 0.00	39.91 1.15 0.00	39.67 1.16 0.00	37.30 1.50 0.00	38.50 1.61 0.00
INDIAN POINT_GT_3 24019	31.69 1.14 0.00	27.01 1.09 0.00	26.67 1.10 0.00	25.60 0.95 0.00	24.31 0.79 0.00	25.35 0.84 -0.05	25.48 0.82 -0.18	35.36 0.79 -1.52	32.25 0.93 0.00	25.21 0.90 0.00	31.21 1.20 -0.24	50.13 1.61 -11.51	38.38 1.50 -0.55	37.86 1.44 0.00	38.02 1.28 -1.78	39.36 1.41 0.00	48.17 1.33 0.00	44.98 1.07 0.00	52.77 1.58 0.00	52.79 1.74 0.00	39.91 1.15 0.00	39.67 1.16 0.00	37.30 1.50 0.00	38.50 1.61 0.00
INDIAN POINT___2 23530	31.68 1.12 0.00	27.01 1.08 0.00	26.67 1.09 0.00	25.59 0.94 0.00	24.30 0.78 0.00	25.35 0.84 -0.05	25.48 0.83 -0.18	35.33 0.79 -1.48	32.25 0.93 0.00	25.20 0.90 0.00	31.18 1.18 -0.23	49.82 1.59 -11.22	38.34 1.48 -0.54	37.83 1.42 0.00	37.96 1.26 -1.73	39.36 1.41 0.00	48.15 1.31 0.00	44.97 1.06 0.00	52.77 1.58 0.00	52.77 1.71 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.30 1.49 0.00	38.48 1.60 0.00
INDIAN POINT___3 23531	31.67 1.11 0.00	26.99 1.07 0.00	26.66 1.08 0.00	25.58 0.93 0.00	24.29 0.77 0.00	25.33 0.82 -0.05	25.47 0.81 -0.18	35.33 0.77 -1.51	32.22 0.91 0.00	25.18 0.88 0.00	31.16 1.16 -0.24	49.97 1.56 -11.40	38.33 1.45 -0.55	37.80 1.38 0.00	37.96 1.23 -1.76	39.32 1.37 0.00	48.12 1.28 0.00	44.93 1.02 0.00	52.73 1.54 0.00	52.75 1.69 0.00	39.87 1.12 0.00	39.63 1.12 0.00	37.27 1.46 0.00	38.46 1.57 0.00
INGHAM_C_115KV_TB7 356103	30.87 0.31 0.00	26.35 0.43 0.00	26.14 0.57 0.00	25.21 0.56 0.00	24.01 0.48 0.00	24.97 0.52 0.00	25.03 0.56 0.00	33.48 0.43 0.00	31.21 -0.10 0.00	24.03 -0.27 0.00	28.69 -1.08 0.00	35.53 -1.48 0.00	35.17 -1.15 0.00	35.65 -0.77 0.00	33.22 -1.75 0.00	36.48 -1.47 0.00	46.08 -0.76 0.00	43.58 -0.33 0.00	51.77 0.58 0.00	51.96 0.91 0.00	39.35 0.60 0.00	39.28 0.76 0.00	36.64 0.83 0.00	37.66 0.77 0.00
IP CORINTH___1 23988	31.27 0.71 0.00	26.66 0.73 0.00	26.36 0.78 0.00	25.37 0.72 0.00	24.19 0.67 0.00	25.17 0.75 0.04	25.15 0.83 0.15	32.58 0.79 1.26	31.94 0.62 0.00	24.89 0.59 0.00	29.97 0.40 0.20	27.91 0.42 9.52	36.31 0.44 0.46	36.98 0.57 0.00	33.86 0.36 1.47	38.37 0.42 0.00	47.66 0.82 0.00	45.05 1.14 0.00	52.57 1.39 0.00	52.52 1.46 0.00	39.93 1.17 0.00	39.61 1.10 0.00	36.86 1.05 0.00	37.93 1.04 0.00
IP___TICONDEROGA 23804	32.74 2.18 0.00	27.85 1.92 0.00	27.56 1.99 0.00	26.50 1.85 0.00	25.31 1.79 0.00	26.50 2.08 0.05	26.64 2.33 0.16	34.35 2.59 1.29	33.26 1.94 0.00	26.00 1.70 0.00	31.07 1.51 0.20	28.80 1.57 9.77	37.40 1.54 0.47	38.47 2.06 0.00	35.31 1.86 1.51	40.09 2.13 0.00	50.02 3.18 0.00	47.69 3.78 0.00	55.34 4.16 0.00	55.17 4.11 0.00	42.22 3.46 0.00	41.86 3.35 0.00	38.83 3.03 0.00	40.00 3.11 0.00
ISLIP_RES_REC 323679	32.04 1.48 0.00	27.34 1.41 0.00	26.92 1.35 0.00	25.76 1.11 0.00	24.45 0.92 0.00	25.38 0.87 -0.05	25.42 0.76 -0.19	35.12 0.52 -1.55	32.06 0.74 0.00	25.17 0.87 0.00	41.72 1.42 -10.53	56.40 1.79 -17.60	65.26 1.56 -27.38	107.05 1.52 -69.12	73.03 1.56 -36.51	65.10 1.85 -25.30	51.18 2.00 -2.34	54.69 1.80 -8.98	53.58 2.39 0.00	53.63 2.58 0.00	39.79 1.59 0.56	45.88 1.44 -5.93	37.68 1.87 0.00	38.90 2.02 0.00

JAMAICA__27_KV_LOAD 355505	32.25 1.69 0.00	27.43 1.50 0.00	27.05 1.48 0.00	26.01 1.36 0.00	24.68 1.16 0.00	25.74 1.23 -0.05	25.90 1.24 -0.19	35.92 1.33 -1.55	32.81 1.50 0.00	25.66 1.36 0.00	31.74 1.68 -0.30	52.17 2.20 -12.96	39.65 1.98 -1.34	39.57 1.82 -1.34	38.40 1.63 -1.80	40.85 1.79 -1.10	48.48 1.65 0.00	45.21 1.30 0.00	53.03 1.84 0.00	53.45 2.39 0.00	41.88 1.70 -1.42	40.47 1.67 -0.29	37.76 1.95 0.00	39.00 2.12 0.00
JANIS__SOLAR 323808	32.64 1.18 -0.90	27.29 1.05 -0.31	26.65 0.98 -0.10	25.59 0.94 0.00	24.51 0.94 -0.04	25.50 0.98 -0.06	25.93 1.05 -0.41	35.52 1.28 -1.19	33.09 0.93 -0.84	24.73 0.43 0.00	30.33 0.30 -0.26	38.17 0.29 -0.87	37.90 0.41 -1.16	37.24 0.32 -0.51	36.67 0.42 -1.28	40.47 0.81 -1.71	51.45 1.58 -3.03	48.41 1.63 -2.87	57.92 2.58 -4.16	57.47 2.61 -3.81	41.98 1.72 -1.50	41.71 1.66 -1.54	37.35 1.54 0.00	38.36 1.47 0.00
JARVIS____ 23743	30.60 0.04 0.00	26.01 0.08 0.00	25.67 0.10 0.00	24.75 0.10 0.00	23.59 0.07 0.00	24.53 0.07 0.00	24.53 0.06 0.00	33.05 0.00 0.00	31.31 0.00 0.00	24.31 0.01 0.00	29.75 -0.02 0.00	36.97 -0.04 0.00	36.29 -0.03 0.00	36.40 -0.01 0.00	34.91 -0.06 0.00	37.91 -0.04 0.00	46.79 -0.05 0.00	43.87 -0.04 0.00	51.21 0.02 0.00	51.10 0.05 0.00	38.76 0.00 0.00	38.52 0.01 0.00	35.88 0.07 0.00	36.95 0.07 0.00
JENNISON____1 23625	32.48 1.24 -0.69	27.29 1.13 -0.23	26.72 1.07 -0.08	25.67 1.02 0.00	24.57 1.01 -0.03	25.55 1.05 -0.04	25.88 1.10 -0.31	35.27 1.32 -0.90	33.07 1.11 -0.64	25.02 0.71 0.00	30.77 0.80 -0.20	38.73 1.05 -0.66	38.24 1.03 -0.88	37.68 0.88 -0.39	36.85 0.91 -0.97	40.46 1.22 -1.30	51.10 1.96 -2.30	47.94 1.87 -2.17	56.94 2.62 -3.14	56.52 2.59 -2.88	41.60 1.70 -1.14	41.18 1.50 -1.16	37.21 1.40 0.00	38.43 1.54 0.00
JENNISON____2 23626	32.48 1.24 -0.69	27.29 1.13 -0.23	26.72 1.07 -0.08	25.67 1.02 0.00	24.57 1.01 -0.03	25.55 1.05 -0.04	25.88 1.10 -0.31	35.27 1.32 -0.90	33.07 1.11 -0.64	25.02 0.71 0.00	30.77 0.80 -0.20	38.73 1.05 -0.66	38.24 1.03 -0.88	37.68 0.88 -0.39	36.85 0.91 -0.97	40.46 1.22 -1.30	51.10 1.96 -2.30	47.94 1.87 -2.17	56.94 2.62 -3.14	56.52 2.59 -2.88	41.60 1.70 -1.14	41.18 1.50 -1.16	37.21 1.40 0.00	38.43 1.54 0.00
JERICOHO_RISE_WT_PWR 323719	31.26 0.70 0.00	26.32 0.40 0.00	25.90 0.33 0.00	24.93 0.28 0.00	23.83 0.30 0.00	24.96 0.50 0.00	25.04 0.57 0.00	33.98 0.92 0.00	32.16 0.84 0.00	24.90 0.60 0.00	30.51 0.74 0.00	37.83 0.82 0.00	37.17 0.85 0.00	37.29 0.88 0.00	35.83 0.86 0.00	38.80 0.85 0.00	47.94 1.10 0.00	45.13 1.22 0.00	52.23 1.04 0.00	51.87 0.81 0.00	39.32 0.56 0.00	38.94 0.42 0.00	35.77 -0.03 0.00	36.81 -0.07 0.00
KATONAH__115KV_46KV_TB4 355592	31.80 1.24 0.00	27.08 1.15 0.00	26.73 1.16 0.00	25.66 1.01 0.00	24.37 0.85 0.00	25.41 0.89 -0.05	25.55 0.88 -0.19	35.49 0.87 -1.57	32.34 1.02 0.00	25.28 0.98 0.00	31.32 1.31 -0.25	50.59 1.74 -11.85	38.54 1.64 -0.57	38.03 1.61 0.00	38.24 1.45 -1.83	39.55 1.60 0.00	48.41 1.58 0.00	45.19 1.28 0.00	52.99 1.81 0.00	53.02 1.96 0.00	40.10 1.34 0.00	39.84 1.33 0.00	37.43 1.62 0.00	38.60 1.72 0.00
KCE_NY_1 323755	31.41 0.85 0.00	26.73 0.80 0.00	26.46 0.89 0.00	25.46 0.81 0.00	24.27 0.74 0.00	25.21 0.80 0.05	25.15 0.84 0.16	32.69 0.98 1.34	32.09 0.77 0.00	24.94 0.64 0.00	30.13 0.57 0.21	27.58 0.70 10.14	36.60 0.76 0.49	37.31 0.90 0.00	34.02 0.61 1.56	38.73 0.78 0.00	48.00 1.16 0.00	45.21 1.30 0.00	52.73 1.55 0.00	52.76 1.71 0.00	40.00 1.24 0.00	39.69 1.18 0.00	37.01 1.21 0.00	38.11 1.23 0.00
KCE_NY_6_ESR 323823	32.05 0.84 -0.65	26.95 0.80 -0.22	26.32 0.67 -0.07	25.40 0.75 0.00	24.43 0.87 -0.03	25.42 0.91 -0.04	25.63 0.87 -0.29	34.82 0.91 -0.86	32.52 0.59 -0.61	24.74 0.44 0.00	30.77 0.81 -0.19	38.80 1.16 -0.63	38.19 1.03 -0.84	37.60 0.82 -0.37	37.09 1.20 -0.92	40.04 0.86 -1.23	49.99 0.96 -2.19	46.55 0.64 -2.00	54.64 0.56 -2.90	53.79 0.08 -2.65	39.58 -0.22 -1.05	40.09 0.51 -1.07	36.50 0.69 0.00	37.52 0.63 0.00
KEDC_PORT_JEFF_GT2 24210	31.84 1.28 0.00	27.20 1.28 0.00	26.79 1.22 0.00	25.64 0.99 0.00	24.33 0.81 0.00	25.27 0.75 -0.05	25.30 0.64 -0.19	34.95 0.36 -1.55	31.90 0.59 0.00	25.05 0.75 0.00	41.51 1.29 -10.45	56.12 1.61 -17.50	64.84 1.35 -27.16	106.28 1.29 -68.57	72.54 1.31 -36.26	64.61 1.58 -25.08	50.79 1.63 -2.32	54.28 1.45 -8.92	53.19 2.00 0.00	53.22 2.17 0.00	39.46 1.32 0.61	45.56 1.17 -5.88	37.45 1.64 0.00	38.68 1.80 0.00
KEDC_PORT_JEFF_GT3 24211	31.84 1.28 0.00	27.20 1.28 0.00	26.79 1.22 0.00	25.64 0.99 0.00	24.33 0.81 0.00	25.27 0.75 -0.05	25.30 0.64 -0.19	34.95 0.36 -1.55	31.90 0.59 0.00	25.05 0.75 0.00	41.51 1.29 -10.45	56.12 1.61 -17.50	64.84 1.35 -27.16	106.28 1.29 -68.57	72.54 1.31 -36.26	64.61 1.58 -25.08	50.79 1.63 -2.32	54.28 1.45 -8.92	53.19 2.00 0.00	53.22 2.17 0.00	39.46 1.32 0.61	45.56 1.17 -5.88	37.45 1.64 0.00	38.68 1.80 0.00
KEDC_GLWD_GT4 24219	32.05 1.50 0.00	27.31 1.38 0.00	26.92 1.35 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.50 0.99 -0.05	25.60 0.94 -0.19	35.50 0.90 -1.55	32.39 1.07 0.00	25.37 1.07 0.00	49.35 1.55 -18.03	64.68 2.02 -25.65	87.07 1.87 -48.87	160.64 1.80 -122.42	97.80 1.62 -61.21	86.39 1.78 -46.67	52.30 1.45 -4.01	60.50 1.20 -15.39	52.90 1.71 -0.01	52.92 1.86 0.00	43.35 1.24 -3.35	51.02 1.45 -11.06	37.58 1.77 0.00	38.80 1.92 0.00
KEDC_GLWD_GT5 24220	32.05 1.50 0.00	27.31 1.38 0.00	26.92 1.35 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.50 0.99 -0.05	25.60 0.94 -0.19	35.50 0.90 -1.55	32.39 1.07 0.00	25.37 1.07 0.00	49.35 1.55 -18.03	64.68 2.02 -25.65	87.07 1.87 -48.87	160.64 1.80 -122.42	97.80 1.62 -61.21	86.39 1.78 -46.67	52.30 1.45 -4.01	60.50 1.20 -15.39	52.90 1.71 -0.01	52.92 1.86 0.00	43.35 1.24 -3.35	51.02 1.45 -11.06	37.58 1.77 0.00	38.80 1.92 0.00
KENSICO____ 23655	31.80 1.24 0.00	27.08 1.16 0.00	26.74 1.17 0.00	25.67 1.02 0.00	24.37 0.85 0.00	25.40 0.89 -0.05	25.54 0.87 -0.19	35.45 0.86 -1.54	32.32 1.01 0.00	25.28 0.97 0.00	31.31 1.30 -0.24	50.40 1.74 -11.66	38.50 1.62 -0.56	37.97 1.56 0.00	38.16 1.39 -1.80	39.48 1.53 0.00	48.29 1.45 0.00	45.08 1.17 0.00	52.87 1.68 0.00	52.90 1.84 0.00	40.00 1.24 0.00	39.76 1.24 0.00	37.40 1.59 0.00	38.58 1.70 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	31.77 1.22 0.00	27.04 1.12 0.00	26.70 1.12 0.00	25.63 0.98 0.00	24.36 0.84 0.00	25.37 0.87 -0.04	25.47 0.86 -0.13	35.03 0.87 -1.11	32.27 0.96 0.00	25.17 0.87 0.00	31.08 1.13 -0.17	46.91 1.50 -8.40	38.04 1.32 -0.40	37.70 1.29 0.00	37.33 1.07 -1.30	39.42 1.47 0.00	48.42 1.59 0.00	45.39 1.49 0.00	53.30 2.12 0.00	53.35 2.29 0.00	40.33 1.57 0.00	40.06 1.55 0.00	37.58 1.77 0.00	38.70 1.81 0.00

KIAC_JFK_GT1 23816	31.97 1.41 0.00	27.25 1.32 0.00	26.90 1.33 0.00	25.87 1.21 0.00	24.54 1.02 0.00	25.59 1.08 -0.05	25.75 1.09 -0.19	35.72 1.12 -1.55	32.62 1.31 0.00	25.51 1.21 0.00	31.56 1.49 -0.30	51.95 1.98 -12.96	39.43 1.76 -1.34	39.30 1.56 -1.34	38.06 1.30 -1.80	40.48 1.43 -1.10	48.02 1.19 0.00	44.77 0.86 0.00	52.51 1.32 0.00	52.94 1.88 0.00	41.50 1.32 -1.42	40.09 1.28 -0.29	37.41 1.60 0.00	38.74 1.86 0.00
KIAC_JFK_GT2 23817	31.97 1.41 0.00	27.25 1.32 0.00	26.90 1.33 0.00	25.87 1.21 0.00	24.54 1.02 0.00	25.59 1.08 -0.05	25.75 1.09 -0.19	35.72 1.12 -1.55	32.62 1.31 0.00	25.51 1.21 0.00	31.56 1.49 -0.30	51.95 1.98 -12.96	39.43 1.76 -1.34	39.30 1.56 -1.34	38.06 1.30 -1.80	40.48 1.43 -1.10	48.02 1.19 0.00	44.77 0.86 0.00	52.51 1.32 0.00	52.94 1.88 0.00	41.50 1.32 -1.42	40.09 1.28 -0.29	37.41 1.60 0.00	38.74 1.86 0.00
KIAC_JFK____ 323774	31.97 1.41 0.00	27.25 1.32 0.00	26.90 1.33 0.00	25.86 1.21 0.00	24.54 1.02 0.00	25.59 1.08 -0.05	25.75 1.09 -0.19	35.72 1.13 -1.55	32.63 1.32 0.00	25.51 1.21 0.00	31.56 1.49 -0.30	51.94 1.98 -12.96	39.43 1.76 -1.34	39.30 1.56 -1.34	38.06 1.30 -1.80	40.49 1.43 -1.10	48.03 1.19 0.00	44.77 0.86 0.00	52.51 1.32 0.00	52.94 1.88 0.00	41.51 1.32 -1.42	40.09 1.28 -0.29	37.41 1.60 0.00	38.74 1.86 0.00
KINTIGH__24_KV_GSU 356498	31.65 0.47 -0.61	26.64 0.51 -0.21	26.06 0.42 -0.07	25.16 0.51 0.00	24.17 0.62 -0.03	25.15 0.65 -0.04	25.36 0.61 -0.28	34.43 0.58 -0.80	32.24 0.35 -0.57	24.52 0.22 0.00	30.49 0.54 -0.18	38.41 0.81 -0.59	37.76 0.65 -0.79	37.24 0.48 -0.35	36.65 0.82 -0.87	39.61 0.51 -1.16	49.28 0.39 -2.05	45.89 0.12 -1.86	53.87 -0.02 -2.70	53.05 -0.48 -2.48	39.13 -0.61 -0.98	39.63 0.12 -1.00	36.20 0.40 0.00	37.26 0.38 0.00
KINTIGH____ 23543	31.62 0.45 -0.61	26.62 0.49 -0.21	26.04 0.40 -0.07	25.15 0.49 0.00	24.15 0.60 -0.03	25.12 0.62 -0.04	25.35 0.59 -0.28	34.42 0.57 -0.80	32.23 0.34 -0.57	24.49 0.19 0.00	30.47 0.52 -0.18	38.38 0.78 -0.59	37.73 0.62 -0.79	37.22 0.46 -0.35	36.63 0.80 -0.87	39.61 0.50 -1.16	49.24 0.36 -2.05	45.88 0.11 -1.86	53.84 -0.05 -2.70	53.02 -0.51 -2.48	39.11 -0.63 -0.98	39.61 0.10 -1.00	36.18 0.38 0.00	37.23 0.35 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	31.78 1.22 0.00	26.68 0.75 0.00	26.28 0.71 0.00	25.28 0.63 0.00	24.15 0.63 0.00	25.40 0.94 0.00	25.52 1.04 0.00	34.48 1.43 0.00	32.59 1.27 0.00	25.21 0.91 0.00	30.85 1.08 0.00	38.23 1.22 0.00	37.53 1.20 0.00	37.68 1.27 0.00	36.14 1.17 0.00	39.18 1.23 0.00	48.46 1.63 0.00	45.77 1.86 0.00	52.96 1.78 0.00	52.60 1.54 0.00	39.78 1.02 0.00	39.35 0.84 0.00	36.27 0.47 0.00	37.22 0.33 0.00
LACHUTE____HYDRO 323717	32.74 2.18 0.00	27.85 1.92 0.00	27.56 1.99 0.00	26.50 1.85 0.00	25.31 1.79 0.00	26.50 2.09 0.05	26.64 2.33 0.16	34.35 2.59 1.29	33.26 1.94 0.00	26.00 1.70 0.00	31.07 1.51 0.20	28.80 1.56 9.77	37.40 1.55 0.47	38.46 2.06 0.00	35.31 1.85 1.51	40.09 2.14 0.00	50.02 3.18 0.00	47.69 3.78 0.00	55.34 4.16 0.00	55.17 4.11 0.00	42.22 3.46 0.00	41.86 3.35 0.00	38.83 3.03 0.00	39.99 3.11 0.00
LAWRNCALV_115KV_TB1 80681	31.45 0.66 -0.23	26.44 0.43 -0.08	25.90 0.31 -0.03	24.91 0.26 0.00	23.84 0.31 -0.01	24.87 0.40 -0.01	25.03 0.45 -0.10	34.22 0.86 -0.31	32.38 0.85 -0.22	24.86 0.56 0.00	30.55 0.71 -0.07	37.87 0.63 -0.23	37.36 0.74 -0.30	37.29 0.74 -0.13	36.09 0.79 -0.33	39.16 0.76 -0.44	48.61 0.99 -0.78	45.61 0.95 -0.74	53.11 0.84 -1.08	52.80 0.75 -0.99	39.87 0.72 -0.39	39.62 0.71 -0.40	36.14 0.34 0.00	37.12 0.24 0.00
LEDERLE____ 23769	31.85 1.29 0.00	27.17 1.24 0.00	26.82 1.25 0.00	25.73 1.08 0.00	24.44 0.91 0.00	25.50 0.99 -0.05	25.67 1.02 -0.18	35.55 1.04 -1.46	32.45 1.14 0.00	25.36 1.06 0.00	31.37 1.37 -0.23	49.85 1.83 -11.01	38.58 1.73 -0.53	38.07 1.66 0.00	38.18 1.52 -1.70	39.64 1.69 0.00	48.55 1.72 0.00	45.34 1.43 0.00	53.22 2.03 0.00	53.22 2.16 0.00	40.20 1.44 0.00	39.96 1.45 0.00	37.55 1.75 0.00	38.73 1.84 0.00
LIGHTHSE_115KV_TB6 355974	32.56 0.27 -1.73	26.75 0.23 -0.59	25.92 0.16 -0.19	24.79 0.14 0.00	23.76 0.16 -0.08	24.75 0.18 -0.11	25.44 0.18 -0.78	35.41 0.09 -2.27	32.98 0.05 -1.61	24.27 -0.03 0.00	30.10 -0.17 -0.50	38.30 -0.38 -1.67	38.18 -0.37 -2.23	37.06 -0.33 -0.98	37.18 -0.23 -2.45	41.11 -0.11 -3.27	52.59 -0.04 -5.79	49.61 0.21 -5.50	59.62 0.47 -7.96	58.83 0.48 -7.30	41.65 0.01 -2.88	41.54 0.08 -2.95	35.82 0.02 0.00	36.70 -0.18 0.00
LINDEN COGEN____ 23786	31.90 1.35 0.00	27.13 1.20 0.00	26.77 1.20 0.00	25.69 1.04 0.00	24.38 0.86 0.00	25.43 0.92 -0.05	25.58 0.92 -0.19	35.50 0.91 -1.55	32.40 1.08 0.00	25.35 1.05 0.00	31.40 1.38 -0.24	50.54 1.85 -11.68	38.61 1.73 -0.56	38.05 1.64 0.00	38.27 1.50 -1.80	39.58 1.63 0.00	48.30 1.45 0.00	45.04 1.13 0.00	52.85 1.66 0.00	52.87 1.82 0.00	39.99 1.23 0.00	39.76 1.25 0.00	37.46 1.66 0.00	38.66 1.78 0.00
LINDHRST_69_KV_BK1 356055	32.16 1.61 0.00	27.43 1.50 0.00	27.01 1.44 0.00	25.84 1.19 0.00	24.53 1.01 0.00	25.48 0.97 -0.05	25.53 0.87 -0.19	35.30 0.71 -1.55	32.22 0.91 0.00	25.26 0.95 0.00	43.01 1.55 -11.68	58.03 1.99 -19.03	68.88 1.76 -30.80	115.53 1.65 -77.47	76.72 1.52 -40.23	68.39 1.69 -28.75	51.21 1.78 -2.59	55.46 1.59 -9.96	53.40 2.20 0.00	53.44 2.38 0.00	40.55 1.53 -0.26	46.74 1.46 -6.76	37.73 1.93 0.00	38.98 2.10 0.00
LIPA_MISC_IPP 23656	31.67 1.11 0.00	27.05 1.12 0.00	26.64 1.07 0.00	25.51 0.86 0.00	24.21 0.69 0.00	25.14 0.63 -0.05	25.18 0.51 -0.19	34.76 0.17 -1.55	31.73 0.42 0.00	24.92 0.62 0.00	41.27 1.09 -10.41	55.81 1.35 -17.46	64.45 1.07 -27.05	105.74 1.03 -68.30	72.17 1.07 -36.14	64.26 1.34 -24.97	50.48 1.33 -2.31	53.97 1.18 -8.89	52.88 1.69 0.00	52.93 1.87 0.00	39.21 1.09 0.64	45.31 0.95 -5.85	37.25 1.44 0.00	38.47 1.59 0.00
LISF____SOLAR 323691	31.72 1.17 0.00	27.08 1.16 0.00	26.69 1.12 0.00	25.54 0.89 0.00	24.24 0.72 0.00	25.18 0.67 -0.05	25.21 0.55 -0.19	34.82 0.22 -1.55	31.78 0.47 0.00	24.94 0.64 0.00	41.30 1.10 -10.43	55.84 1.36 -17.48	64.52 1.10 -27.09	105.87 1.05 -68.40	72.27 1.13 -36.18	64.39 1.43 -25.01	50.59 1.43 -2.32	54.08 1.28 -8.90	53.01 1.82 0.00	53.07 2.01 0.00	39.31 1.18 0.63	45.40 1.03 -5.86	37.31 1.51 0.00	38.54 1.65 0.00
LITTLE FALLS____HYD 24013	30.87 0.31 0.00	26.35 0.43 0.00	26.14 0.57 0.00	25.21 0.56 0.00	24.01 0.48 0.00	24.97 0.52 0.00	25.03 0.56 0.00	33.48 0.43 0.00	31.21 -0.10 0.00	24.03 -0.27 0.00	28.69 -1.08 0.00	35.53 -1.48 0.00	35.17 -1.15 0.00	35.65 -0.77 0.00	33.22 -1.75 0.00	36.48 -1.47 0.00	46.08 -0.76 0.00	43.58 -0.33 0.00	51.77 0.58 0.00	51.96 0.91 0.00	39.35 0.60 0.00	39.28 0.76 0.00	36.64 0.83 0.00	37.66 0.77 0.00

LITTLRIV_115KV_TB1 356100	31.87 1.07 -0.25	26.78 0.77 -0.08	26.21 0.61 -0.03	25.21 0.56 0.00	24.13 0.60 -0.01	25.18 0.70 -0.02	25.36 0.78 -0.11	34.71 1.33 -0.33	32.82 1.28 -0.23	25.12 0.82 0.00	30.81 0.97 -0.07	38.06 0.81 -0.24	37.52 0.87 -0.32	37.52 0.97 -0.14	36.27 0.95 -0.35	39.31 0.89 -0.47	49.09 1.41 -0.84	46.12 1.42 -0.79	53.93 1.59 -1.15	53.68 1.57 -1.05	40.52 1.35 -0.42	40.23 1.30 -0.42	36.65 0.84 0.00	37.61 0.73 0.00
LI_NEWBRDGE___DRP 323616	31.71 1.15 0.00	27.04 1.11 0.00	26.65 1.08 0.00	25.53 0.87 0.00	24.23 0.71 0.00	25.18 0.67 -0.05	25.24 0.58 -0.19	34.94 0.34 -1.55	31.87 0.56 0.00	25.00 0.70 0.00	40.64 1.18 -9.69	55.08 1.48 -16.60	62.52 1.27 -24.93	100.67 1.18 -63.07	69.75 1.04 -33.75	61.99 1.20 -22.84	50.09 1.10 -2.15	53.10 0.92 -8.27	52.55 1.36 0.00	52.58 1.53 0.00	38.57 0.93 1.11	44.73 0.88 -5.34	37.14 1.33 0.00	38.40 1.52 0.00
LOCKPORT_115KV_TB60_63_64 80432	31.86 0.66 -0.64	26.78 0.64 -0.22	26.18 0.53 -0.07	25.28 0.63 0.00	24.32 0.77 -0.03	25.29 0.78 -0.04	25.48 0.71 -0.29	34.57 0.67 -0.84	32.33 0.42 -0.60	24.51 0.20 0.00	30.47 0.51 -0.19	38.40 0.77 -0.62	37.75 0.60 -0.83	37.26 0.49 -0.36	36.70 0.83 -0.91	39.66 0.50 -1.21	49.25 0.27 -2.14	45.88 0.02 -1.95	53.75 -0.26 -2.82	52.90 -0.74 -2.59	39.05 -0.72 -1.02	39.67 0.12 -1.04	36.29 0.48 0.00	37.37 0.49 0.00
LOCKPORT___CC1 323769	31.84 0.64 -0.64	26.77 0.63 -0.22	26.16 0.51 -0.07	25.27 0.62 0.00	24.31 0.76 -0.03	25.29 0.79 -0.04	25.47 0.71 -0.29	34.56 0.66 -0.84	32.31 0.40 -0.60	24.53 0.23 0.00	30.49 0.53 -0.19	38.44 0.81 -0.62	37.78 0.63 -0.83	37.27 0.50 -0.37	36.73 0.86 -0.91	39.65 0.49 -1.21	49.27 0.28 -2.15	45.88 0.02 -1.95	53.75 -0.27 -2.83	52.91 -0.74 -2.59	39.03 -0.75 -1.02	39.65 0.09 -1.05	36.25 0.44 0.00	37.33 0.45 0.00
LOCKPORT___CC2 323770	31.84 0.64 -0.64	26.77 0.63 -0.22	26.16 0.51 -0.07	25.27 0.62 0.00	24.31 0.76 -0.03	25.29 0.79 -0.04	25.47 0.71 -0.29	34.56 0.66 -0.84	32.31 0.40 -0.60	24.53 0.23 0.00	30.49 0.53 -0.19	38.44 0.81 -0.62	37.78 0.63 -0.83	37.27 0.50 -0.37	36.73 0.86 -0.91	39.65 0.49 -1.21	49.27 0.28 -2.15	45.88 0.02 -1.95	53.75 -0.27 -2.83	52.91 -0.74 -2.59	39.03 -0.75 -1.02	39.65 0.09 -1.05	36.25 0.44 0.00	37.33 0.45 0.00
LOCKPORT___CC3 323771	31.84 0.64 -0.64	26.77 0.63 -0.22	26.16 0.51 -0.07	25.27 0.62 0.00	24.31 0.76 -0.03	25.29 0.79 -0.04	25.47 0.71 -0.29	34.56 0.66 -0.84	32.31 0.40 -0.60	24.53 0.23 0.00	30.49 0.53 -0.19	38.44 0.81 -0.62	37.78 0.63 -0.83	37.27 0.50 -0.37	36.73 0.86 -0.91	39.65 0.49 -1.21	49.27 0.28 -2.15	45.88 0.02 -1.95	53.75 -0.27 -2.83	52.91 -0.74 -2.59	39.03 -0.75 -1.02	39.65 0.09 -1.05	36.25 0.44 0.00	37.33 0.45 0.00
LOCUSVLY_69_KV_BK2 55797	32.05 1.49 0.00	27.31 1.39 0.00	26.92 1.35 0.00	25.79 1.14 0.00	24.49 0.97 0.00	25.46 0.95 -0.05	25.53 0.87 -0.19	35.35 0.75 -1.55	32.25 0.93 0.00	25.29 0.98 0.00	47.31 1.55 -15.99	62.48 1.98 -23.49	81.15 1.78 -43.05	146.09 1.72 -107.96	91.02 1.57 -54.49	80.58 1.75 -40.88	52.02 1.63 -3.55	58.94 1.38 -13.65	53.09 1.90 0.00	53.09 2.04 0.00	42.41 1.33 -2.32	49.55 1.37 -9.67	37.57 1.77 0.00	38.82 1.94 0.00
LONG_LAKE_PHOENIX 24014	31.37 -0.13 -0.94	26.16 -0.09 -0.32	25.57 -0.11 -0.11	24.56 -0.10 0.00	23.48 -0.08 -0.04	24.43 -0.09 -0.06	24.82 -0.08 -0.42	34.08 -0.21 -1.24	31.94 -0.26 -0.88	24.02 -0.28 0.00	29.70 -0.35 -0.27	37.51 -0.40 -0.91	37.19 -0.35 -1.21	36.53 -0.41 -0.53	36.06 -0.24 -1.33	39.58 -0.15 -1.78	49.76 -0.23 -3.15	46.81 -0.10 -3.00	55.60 0.06 -4.35	55.09 0.05 -3.99	40.22 -0.11 -1.58	40.07 -0.05 -1.61	35.81 0.00 0.00	36.82 -0.06 0.00
LOVETT___3 23632	31.67 1.12 0.00	27.01 1.08 0.00	26.67 1.10 0.00	25.59 0.93 0.00	24.30 0.77 0.00	25.35 0.84 -0.05	25.53 0.87 -0.18	35.36 0.83 -1.47	32.24 0.93 0.00	25.20 0.89 0.00	31.18 1.18 -0.23	49.71 1.59 -11.12	38.33 1.48 -0.53	37.82 1.40 0.00	37.94 1.26 -1.72	39.35 1.40 0.00	48.15 1.31 0.00	44.97 1.06 0.00	52.78 1.59 0.00	52.78 1.72 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.29 1.48 0.00	38.47 1.59 0.00
LOVETT___4 23642	31.67 1.12 0.00	27.01 1.08 0.00	26.67 1.10 0.00	25.59 0.93 0.00	24.30 0.77 0.00	25.35 0.84 -0.05	25.53 0.87 -0.18	35.36 0.83 -1.47	32.24 0.93 0.00	25.20 0.89 0.00	31.18 1.18 -0.23	49.71 1.59 -11.12	38.33 1.48 -0.53	37.82 1.40 0.00	37.94 1.26 -1.72	39.35 1.40 0.00	48.15 1.31 0.00	44.97 1.06 0.00	52.78 1.59 0.00	52.78 1.72 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.29 1.48 0.00	38.47 1.59 0.00
LOVETT___5 23593	31.67 1.12 0.00	27.01 1.08 0.00	26.67 1.10 0.00	25.59 0.93 0.00	24.30 0.77 0.00	25.35 0.84 -0.05	25.53 0.87 -0.18	35.36 0.83 -1.47	32.24 0.93 0.00	25.20 0.89 0.00	31.18 1.18 -0.23	49.71 1.59 -11.12	38.33 1.48 -0.53	37.82 1.40 0.00	37.94 1.26 -1.72	39.35 1.40 0.00	48.15 1.31 0.00	44.97 1.06 0.00	52.78 1.59 0.00	52.78 1.72 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.29 1.48 0.00	38.47 1.59 0.00
LOWER RAQUET___HYD 24057	31.56 0.74 -0.26	26.51 0.49 -0.09	25.96 0.36 -0.03	24.96 0.31 0.00	23.89 0.36 -0.01	24.93 0.45 -0.02	25.10 0.51 -0.12	34.34 0.94 -0.34	32.49 0.92 -0.25	24.91 0.61 0.00	30.59 0.75 -0.08	37.93 0.67 -0.25	37.42 0.76 -0.34	37.33 0.77 -0.15	36.15 0.81 -0.37	39.24 0.79 -0.50	48.74 1.02 -0.88	45.73 0.98 -0.84	53.31 0.91 -1.22	52.98 0.81 -1.12	39.94 0.74 -0.44	39.71 0.76 -0.45	36.19 0.38 0.00	37.15 0.27 0.00
LOWER___HUDSON 24059	30.94 0.38 0.00	26.37 0.44 0.00	26.09 0.52 0.00	25.14 0.48 0.00	23.93 0.41 0.00	24.83 0.43 0.06	24.73 0.47 0.21	31.71 0.40 1.75	31.67 0.35 0.00	24.69 0.38 0.00	29.77 0.27 0.28	24.12 0.32 13.21	36.05 0.36 0.63	36.89 0.48 0.00	33.11 0.18 2.04	38.19 0.24 0.00	47.15 0.31 0.00	44.23 0.32 0.00	51.61 0.43 0.00	51.63 0.57 0.00	39.28 0.52 0.00	38.99 0.48 0.00	36.38 0.57 0.00	37.51 0.62 0.00
LOWVILLE_115KV_TB2 356335	32.35 1.21 -0.58	27.11 0.98 -0.20	26.49 0.85 -0.06	25.44 0.79 0.00	24.33 0.78 -0.03	25.36 0.86 -0.04	25.59 0.85 -0.26	34.77 0.95 -0.77	32.79 0.93 -0.54	24.96 0.66 0.00	30.45 0.51 -0.17	37.89 0.31 -0.57	37.36 0.28 -0.75	37.06 0.32 -0.33	36.22 0.43 -0.83	39.74 0.69 -1.11	49.91 1.11 -1.96	47.33 1.56 -1.86	55.95 2.07 -2.70	55.61 2.09 -2.47	40.64 0.90 -0.97	40.26 0.75 -1.00	36.20 0.39 0.00	36.84 -0.05 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	31.41 0.85 0.00	26.74 0.82 0.00	26.45 0.88 0.00	25.47 0.82 0.00	24.27 0.75 0.00	25.21 0.80 0.05	25.15 0.84 0.16	32.64 0.92 1.34	32.08 0.77 0.00	24.95 0.65 0.00	30.12 0.57 0.21	27.55 0.68 10.14	36.59 0.75 0.49	37.29 0.88 0.00	34.01 0.60 1.56	38.70 0.75 0.00	47.93 1.09 0.00	45.12 1.21 0.00	52.68 1.50 0.00	52.67 1.61 0.00	39.99 1.23 0.00	39.69 1.18 0.00	37.00 1.19 0.00	38.10 1.22 0.00

LUTHERNY_35_KV_BK2 355980	31.41 0.85 0.00	26.73 0.80 0.00	26.46 0.89 0.00	25.46 0.81 0.00	24.27 0.74 0.00	25.21 0.80 0.05	25.15 0.84 0.16	32.69 0.98 1.34	32.09 0.77 0.00	24.94 0.64 0.00	30.13 0.57 0.21	27.58 0.70 10.14	36.60 0.76 0.49	37.31 0.89 0.00	34.02 0.61 1.56	38.73 0.78 0.00	48.00 1.17 0.00	45.21 1.30 0.00	52.73 1.55 0.00	52.76 1.70 0.00	40.00 1.24 0.00	39.69 1.18 0.00	37.01 1.21 0.00	38.11 1.23 0.00
LWR___OSWEGATCHIE_HYD 23850	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.14 0.65 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.91 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.46 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
LYONS_FALL_HYD 23570	32.02 1.00 -0.46	26.91 0.83 -0.16	26.36 0.73 -0.05	25.34 0.69 0.00	24.22 0.68 -0.02	25.23 0.74 -0.03	25.42 0.74 -0.21	34.50 0.84 -0.60	32.54 0.79 -0.43	24.86 0.56 0.00	30.37 0.46 -0.13	37.86 0.40 -0.45	37.29 0.37 -0.59	37.07 0.40 -0.26	36.10 0.48 -0.65	39.52 0.70 -0.87	49.48 1.10 -1.54	46.77 1.39 -1.47	55.14 1.83 -2.13	54.85 1.85 -1.95	40.45 0.92 -0.77	40.11 0.82 -0.79	36.37 0.57 0.00	37.15 0.27 0.00
MADISON___COUNTY_LFGE 323628	31.93 0.79 -0.58	26.81 0.68 -0.20	26.29 0.65 -0.06	25.27 0.61 0.00	24.14 0.59 -0.03	25.13 0.64 -0.04	25.40 0.66 -0.26	34.61 0.79 -0.77	32.51 0.65 -0.54	24.72 0.42 0.00	30.32 0.38 -0.17	38.06 0.49 -0.57	37.56 0.48 -0.75	37.26 0.52 -0.33	36.37 0.57 -0.83	39.87 0.81 -1.11	49.99 1.19 -1.96	47.11 1.33 -1.87	55.62 1.73 -2.71	55.26 1.72 -2.48	40.82 1.08 -0.98	40.55 1.04 -1.00	36.75 0.94 0.00	37.70 0.82 0.00
MALONE___115KV_TB1 356076	31.55 0.99 0.00	26.57 0.64 0.00	26.12 0.54 0.00	25.14 0.48 0.00	24.03 0.51 0.00	25.16 0.70 0.00	25.26 0.79 0.00	34.32 1.27 0.00	32.52 1.21 0.00	25.15 0.85 0.00	30.77 1.00 0.00	38.09 1.09 0.00	37.51 1.18 0.00	37.58 1.16 0.00	36.18 1.21 0.00	39.12 1.18 0.00	48.41 1.57 0.00	45.60 1.69 0.00	52.83 1.65 0.00	52.54 1.49 0.00	39.89 1.13 0.00	39.49 0.98 0.00	36.29 0.48 0.00	37.28 0.40 0.00
MAPLEWOD_115KV_TB3 80458	30.75 0.19 0.00	26.21 0.28 0.00	25.93 0.35 0.00	24.99 0.34 0.00	23.80 0.28 0.00	24.70 0.28 0.04	24.63 0.29 0.14	32.07 0.19 1.17	31.51 0.19 0.00	24.54 0.24 0.00	29.70 0.12 0.19	28.24 0.11 8.88	36.06 0.16 0.43	36.65 0.23 0.00	33.56 -0.04 1.37	37.94 -0.01 0.00	46.82 -0.02 0.00	43.85 -0.06 0.00	51.22 0.03 0.00	51.24 0.18 0.00	38.94 0.18 0.00	38.67 0.16 0.00	36.10 0.29 0.00	37.20 0.31 0.00
MAPLE_RIDGE_WT_1 323574	30.54 -0.02 0.00	25.95 0.03 0.00	25.57 0.00 0.00	24.65 0.00 0.00	23.52 0.00 0.00	24.47 0.02 0.00	24.44 -0.04 0.00	32.97 -0.08 0.00	31.33 0.01 0.00	24.34 0.04 0.00	29.80 0.03 0.00	37.00 -0.02 0.00	36.26 -0.07 0.00	36.34 -0.07 0.00	35.00 0.03 0.00	37.93 -0.02 0.00	46.81 -0.03 0.00	43.94 0.03 0.00	51.10 -0.08 0.00	50.73 -0.33 0.00	38.51 -0.25 0.00	38.15 -0.36 0.00	35.34 -0.46 0.00	36.29 -0.60 0.00
MAPLE_RIDGE_WT_2 323611	30.54 -0.02 0.00	25.95 0.03 0.00	25.57 0.00 0.00	24.65 0.00 0.00	23.52 0.00 0.00	24.47 0.02 0.00	24.44 -0.04 0.00	32.97 -0.08 0.00	31.33 0.01 0.00	24.34 0.04 0.00	29.80 0.03 0.00	37.00 -0.02 0.00	36.26 -0.07 0.00	36.34 -0.07 0.00	35.00 0.03 0.00	37.93 -0.02 0.00	46.81 -0.03 0.00	43.94 0.03 0.00	51.10 -0.08 0.00	50.73 -0.33 0.00	38.51 -0.25 0.00	38.15 -0.36 0.00	35.34 -0.46 0.00	36.29 -0.60 0.00
MARBLE_RIVER_WT_PWR 323696	31.72 1.16 0.00	26.61 0.68 0.00	26.23 0.66 0.00	25.25 0.60 0.00	24.12 0.59 0.00	25.39 0.93 0.00	25.50 1.03 0.00	34.42 1.36 0.00	32.52 1.20 0.00	25.21 0.90 0.00	30.83 1.06 0.00	38.20 1.19 0.00	37.52 1.20 0.00	37.69 1.28 0.00	36.12 1.15 0.00	39.17 1.22 0.00	48.38 1.54 0.00	45.63 1.73 0.00	52.69 1.50 0.00	52.28 1.22 0.00	39.43 0.67 0.00	38.97 0.46 0.00	35.90 0.09 0.00	36.81 -0.08 0.00
MARSHVLE_115KV_TB1 80742	32.08 1.52 0.00	27.16 1.24 0.00	26.81 1.24 0.00	25.84 1.19 0.00	24.66 1.13 0.00	25.62 1.18 0.03	25.58 1.20 0.09	33.80 1.47 0.73	32.34 1.02 0.00	24.82 0.52 0.00	30.05 0.40 0.11	31.99 0.47 5.48	36.73 0.67 0.26	37.17 0.76 0.00	34.79 0.67 0.85	38.78 0.83 0.00	48.24 1.40 0.00	45.94 2.04 0.00	54.06 2.88 0.00	53.97 2.91 0.00	40.87 2.12 0.00	40.64 2.13 0.00	37.74 1.94 0.00	38.78 1.89 0.00
MARSH_HILL_WT_PWR 323713	32.06 0.72 -0.79	26.96 0.77 -0.27	26.29 0.63 -0.09	25.30 0.64 0.00	24.33 0.77 -0.04	25.19 0.68 -0.05	25.45 0.62 -0.35	34.72 0.63 -1.03	32.08 0.03 -0.74	24.24 -0.07 0.00	30.02 0.02 -0.23	37.93 0.16 -0.76	37.47 0.12 -1.02	36.64 -0.22 -0.45	36.38 0.30 -1.11	39.80 0.36 -1.49	50.25 0.78 -2.64	46.92 0.56 -2.46	55.68 0.93 -3.56	55.08 0.77 -3.26	40.16 0.12 -1.29	39.60 -0.23 -1.32	35.38 -0.42 0.00	36.24 -0.64 0.00
MCINTYRE_115KV_TB2 80467	31.93 1.14 -0.23	26.82 0.82 -0.08	26.28 0.68 -0.03	25.27 0.61 0.00	24.19 0.66 -0.01	25.24 0.77 -0.01	25.42 0.84 -0.10	34.80 1.46 -0.30	32.91 1.38 -0.21	25.18 0.87 0.00	30.85 1.01 -0.07	38.07 0.85 -0.22	37.50 0.89 -0.29	37.60 1.06 -0.13	36.29 1.00 -0.32	39.29 0.91 -0.43	49.14 1.55 -0.76	46.15 1.52 -0.72	54.06 1.83 -1.04	53.85 1.84 -0.96	40.75 1.61 -0.38	40.40 1.51 -0.39	36.82 1.01 0.00	37.79 0.91 0.00
MECO_____69_KV_BK1 80468	32.18 1.63 0.00	27.29 1.36 0.00	26.94 1.36 0.00	25.96 1.31 0.00	24.75 1.23 0.00	25.72 1.29 0.03	25.69 1.31 0.10	33.87 1.63 0.81	32.50 1.19 0.00	24.90 0.59 0.00	29.81 0.17 0.13	30.91 0.03 6.13	36.27 0.24 0.29	36.91 0.50 0.00	34.26 0.24 0.95	38.36 0.40 0.00	47.99 1.15 0.00	46.06 2.15 0.00	54.28 3.10 0.00	54.29 3.23 0.00	41.12 2.36 0.00	40.83 2.32 0.00	37.95 2.14 0.00	38.97 2.08 0.00
MENANDS___115KV_TB5 355628	30.56 0.00 0.00	26.05 0.12 0.00	25.78 0.20 0.00	24.87 0.21 0.00	23.68 0.15 0.00	24.57 0.16 0.04	24.50 0.16 0.14	31.88 0.00 1.17	31.34 0.03 0.00	24.43 0.13 0.00	29.56 -0.02 0.18	28.12 -0.05 8.84	35.88 -0.02 0.42	36.45 0.04 0.00	33.40 -0.20 1.36	37.72 -0.23 0.00	46.51 -0.33 0.00	43.53 -0.38 0.00	50.81 -0.37 0.00	50.84 -0.22 0.00	38.65 -0.10 0.00	38.37 -0.14 0.00	35.84 0.03 0.00	36.94 0.05 0.00
MG INDUSTRY___DRP 24185	30.75 0.19 0.00	26.18 0.25 0.00	25.90 0.32 0.00	25.02 0.36 0.00	23.83 0.31 0.00	24.75 0.31 0.02	24.70 0.30 0.07	32.66 0.20 0.59	31.41 0.10 0.00	24.34 0.04 0.00	29.51 -0.17 0.09	32.34 -0.21 4.46	35.97 -0.14 0.21	36.28 -0.13 0.00	33.86 -0.42 0.69	37.11 -0.84 0.00	45.63 -1.21 0.00	42.76 -1.15 0.00	49.99 -1.19 0.00	49.99 -1.06 0.00	37.99 -0.77 0.00	37.74 -0.77 0.00	35.21 -0.60 0.00	36.28 -0.60 0.00

MID___OSWEGATCHIE_HYD 23849	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.14 0.65 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.91 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.46 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
MID___RAQUETTE_HYD 23851	31.56 0.74 -0.26	26.51 0.49 -0.09	25.96 0.36 -0.03	24.96 0.31 0.00	23.89 0.36 -0.01	24.93 0.46 -0.02	25.10 0.51 -0.12	34.34 0.94 -0.34	32.49 0.93 -0.25	24.91 0.61 0.00	30.59 0.75 -0.08	37.93 0.66 -0.25	37.42 0.75 -0.34	37.33 0.77 -0.15	36.15 0.81 -0.37	39.24 0.79 -0.50	48.74 1.02 -0.88	45.73 0.98 -0.84	53.31 0.90 -1.22	52.98 0.81 -1.12	39.94 0.74 -0.44	39.72 0.76 -0.45	36.19 0.38 0.00	37.15 0.27 0.00
MILLIKEN___1 23584	32.23 0.54 -1.13	26.83 0.52 -0.38	26.18 0.48 -0.13	25.11 0.46 0.00	24.06 0.49 -0.05	24.99 0.46 -0.07	25.50 0.51 -0.51	35.08 0.55 -1.48	32.73 0.36 -1.05	24.43 0.13 0.00	30.24 0.14 -0.33	38.25 0.15 -1.09	37.95 0.18 -1.45	37.11 0.05 -0.64	36.83 0.27 -1.60	40.51 0.43 -2.13	51.46 0.85 -3.77	48.28 0.78 -3.59	57.68 1.29 -5.20	57.08 1.26 -4.77	41.40 0.76 -1.88	41.25 0.81 -1.92	36.63 0.82 0.00	37.64 0.76 0.00
MILLIKEN___2 23585	32.23 0.54 -1.13	26.83 0.52 -0.38	26.18 0.48 -0.13	25.11 0.46 0.00	24.06 0.49 -0.05	24.99 0.46 -0.07	25.50 0.51 -0.51	35.08 0.55 -1.48	32.73 0.36 -1.05	24.43 0.13 0.00	30.24 0.14 -0.33	38.25 0.15 -1.09	37.95 0.18 -1.45	37.11 0.05 -0.64	36.83 0.27 -1.60	40.51 0.43 -2.13	51.46 0.85 -3.77	48.28 0.78 -3.59	57.68 1.29 -5.20	57.08 1.26 -4.77	41.40 0.76 -1.88	41.25 0.81 -1.92	36.63 0.82 0.00	37.64 0.76 0.00
MILLIKEN___DIESEL 23629	32.23 0.54 -1.13	26.83 0.52 -0.38	26.18 0.48 -0.13	25.11 0.46 0.00	24.06 0.49 -0.05	24.99 0.46 -0.07	25.50 0.51 -0.51	35.08 0.55 -1.48	32.73 0.36 -1.05	24.43 0.13 0.00	30.24 0.14 -0.33	38.25 0.15 -1.09	37.95 0.18 -1.45	37.11 0.05 -0.64	36.83 0.27 -1.60	40.51 0.43 -2.13	51.46 0.85 -3.77	48.28 0.78 -3.59	57.68 1.29 -5.20	57.08 1.26 -4.77	41.40 0.76 -1.88	41.25 0.81 -1.92	36.63 0.82 0.00	37.64 0.76 0.00
MILLSEAT___LFGE 323607	32.27 1.07 -0.64	27.10 0.96 -0.22	26.49 0.84 -0.07	25.56 0.91 0.00	24.56 1.01 -0.03	25.55 1.05 -0.04	25.78 1.01 -0.29	35.01 1.12 -0.84	32.73 0.82 -0.60	24.76 0.46 0.00	30.70 0.75 -0.19	38.64 1.01 -0.62	38.07 0.93 -0.82	37.53 0.76 -0.36	36.98 1.11 -0.91	40.13 0.97 -1.21	49.94 0.96 -2.14	46.71 0.86 -1.94	54.85 0.86 -2.80	54.14 0.51 -2.57	39.95 0.18 -1.02	40.44 0.90 -1.04	36.90 1.09 0.00	37.94 1.05 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	31.72 1.16 0.00	27.03 1.10 0.00	26.69 1.11 0.00	25.62 0.97 0.00	24.33 0.81 0.00	25.36 0.85 -0.05	25.50 0.84 -0.19	35.39 0.81 -1.54	32.27 0.95 0.00	25.23 0.92 0.00	31.23 1.22 -0.24	50.26 1.64 -11.60	38.41 1.53 -0.56	37.89 1.48 0.00	38.07 1.31 -1.79	39.40 1.45 0.00	48.21 1.37 0.00	45.01 1.11 0.00	52.78 1.60 0.00	52.81 1.76 0.00	39.94 1.18 0.00	39.70 1.19 0.00	37.32 1.52 0.00	38.51 1.62 0.00
MILLWOOD_13_KV_LOAD 356217	31.80 1.24 0.00	27.09 1.16 0.00	26.75 1.17 0.00	25.67 1.02 0.00	24.38 0.85 0.00	25.41 0.90 -0.05	25.55 0.89 -0.19	35.47 0.88 -1.54	32.34 1.02 0.00	25.28 0.98 0.00	31.30 1.29 -0.24	50.34 1.72 -11.60	38.49 1.61 -0.56	37.97 1.56 0.00	38.17 1.41 -1.79	39.50 1.55 0.00	48.33 1.50 0.00	45.14 1.23 0.00	52.93 1.75 0.00	52.97 1.92 0.00	40.05 1.29 0.00	39.79 1.28 0.00	37.42 1.61 0.00	38.60 1.72 0.00
MODEL_CITY_ENERGY 24167	31.64 0.44 -0.64	26.59 0.45 -0.22	26.00 0.35 -0.07	25.12 0.46 0.00	24.17 0.62 -0.03	25.13 0.63 -0.04	25.30 0.54 -0.29	34.30 0.41 -0.84	32.08 0.16 -0.60	24.34 0.04 0.00	30.26 0.30 -0.19	38.14 0.51 -0.62	37.49 0.34 -0.82	37.00 0.23 -0.36	36.46 0.59 -0.91	39.32 0.16 -1.21	48.82 -0.17 -2.14	45.44 -0.42 -1.95	53.19 -0.82 -2.83	52.34 -1.30 -2.59	38.66 -1.12 -1.02	39.31 -0.24 -1.05	35.99 0.19 0.00	37.09 0.21 0.00
MODERN_LFGE___ 323580	31.64 0.44 -0.64	26.59 0.45 -0.22	26.00 0.35 -0.07	25.12 0.46 0.00	24.17 0.62 -0.03	25.13 0.63 -0.04	25.30 0.54 -0.29	34.30 0.41 -0.84	32.08 0.16 -0.60	24.34 0.04 0.00	30.26 0.30 -0.19	38.14 0.51 -0.62	37.49 0.34 -0.82	37.00 0.23 -0.36	36.46 0.59 -0.91	39.32 0.16 -1.21	48.82 -0.17 -2.14	45.44 -0.42 -1.95	53.19 -0.82 -2.83	52.34 -1.30 -2.59	38.66 -1.12 -1.02	39.31 -0.24 -1.05	35.99 0.19 0.00	37.09 0.21 0.00
MOHAWK_PAPER___DRP 24187	30.75 0.19 0.00	26.21 0.28 0.00	25.93 0.35 0.00	24.99 0.34 0.00	23.80 0.28 0.00	24.70 0.28 0.04	24.63 0.29 0.14	32.07 0.19 1.17	31.51 0.19 0.00	24.54 0.24 0.00	29.70 0.12 0.19	28.24 0.11 8.88	36.06 0.16 0.43	36.65 0.23 0.00	33.56 -0.04 1.37	37.94 -0.01 0.00	46.82 -0.02 0.00	43.85 -0.06 0.00	51.22 0.03 0.00	51.24 0.18 0.00	38.94 0.18 0.00	38.67 0.16 0.00	36.10 0.29 0.00	37.20 0.31 0.00
MOHICAN___35_KV_115KV_LD 80490	31.52 0.96 0.00	26.86 0.93 0.00	26.56 0.98 0.00	25.57 0.92 0.00	24.38 0.85 0.00	25.38 0.96 0.05	25.37 1.05 0.16	32.83 1.09 1.31	32.19 0.87 0.00	25.07 0.77 0.00	30.15 0.59 0.21	27.73 0.64 9.92	36.54 0.69 0.48	37.28 0.87 0.00	34.06 0.62 1.53	38.66 0.71 0.00	48.03 1.19 0.00	45.44 1.52 0.00	53.01 1.83 0.00	52.96 1.91 0.00	40.28 1.52 0.00	39.96 1.45 0.00	37.18 1.38 0.00	38.27 1.38 0.00
MONGAUP___HYD 23641	31.79 1.23 0.00	27.07 1.15 0.00	26.72 1.15 0.00	25.67 1.02 0.00	24.40 0.88 0.00	25.43 0.92 -0.05	25.55 0.91 -0.16	35.35 0.95 -1.35	32.29 0.98 0.00	25.03 0.73 0.00	30.78 0.80 -0.21	48.27 1.06 -10.20	37.77 0.96 -0.49	37.34 0.93 0.00	37.34 0.79 -1.58	39.03 1.08 0.00	48.11 1.28 0.00	45.21 1.30 0.00	53.17 1.99 0.00	53.26 2.20 0.00	40.29 1.53 0.00	40.02 1.51 0.00	37.52 1.72 0.00	38.63 1.75 0.00
MONTAUK___DIESEL 23721	32.17 1.62 0.00	27.63 1.70 0.00	27.20 1.63 0.00	26.01 1.36 0.00	24.86 1.34 0.00	25.91 1.40 -0.05	26.05 1.39 -0.19	35.94 1.34 -1.55	32.90 1.58 0.00	25.81 1.51 0.00	42.43 2.24 -10.42	57.26 2.79 -17.47	65.93 2.54 -27.07	107.25 2.50 -68.34	73.67 2.55 -36.15	66.00 3.06 -24.99	52.56 3.40 -2.32	55.88 3.09 -8.89	54.94 3.75 0.00	55.07 4.01 0.00	40.80 2.67 0.64	46.81 2.44 -5.85	38.57 2.77 0.00	39.78 2.90 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	32.37 1.15 -0.66	27.27 1.12 -0.22	26.58 0.94 -0.07	25.57 0.92 0.00	24.65 1.10 -0.03	25.61 1.11 -0.04	25.94 1.17 -0.30	35.20 1.29 -0.86	32.83 0.90 -0.61	24.82 0.52 0.00	31.00 1.04 -0.19	39.23 1.58 -0.64	38.58 1.41 -0.85	37.89 1.11 -0.37	37.47 1.57 -0.93	40.46 1.26 -1.24	50.70 1.66 -2.20	47.22 1.29 -2.02	55.73 1.61 -2.93	54.80 1.07 -2.68	40.13 0.31 -1.06	40.10 0.50 -1.08	36.55 0.75 0.00	36.82 -0.07 0.00

MORRIS_RIDGE___SOLAR 323848	31.78 0.49 -0.73	26.74 0.57 -0.25	26.09 0.44 -0.08	25.13 0.48 0.00	24.17 0.61 -0.03	25.08 0.58 -0.05	25.33 0.53 -0.33	34.48 0.47 -0.96	32.03 0.03 -0.68	24.16 -0.14 0.00	29.84 -0.15 -0.21	37.73 0.02 -0.71	37.21 -0.05 -0.94	36.51 -0.32 -0.41	36.08 0.08 -1.03	39.42 0.10 -1.38	49.62 0.34 -2.44	46.34 0.18 -2.26	54.82 0.36 -3.27	54.18 0.12 -3.00	39.73 -0.21 -1.19	39.65 -0.07 -1.21	35.76 -0.05 0.00	36.74 -0.15 0.00
MORTIMER_115KV_TB3 55949	31.74 0.54 -0.64	26.64 0.49 -0.22	26.07 0.42 -0.07	25.11 0.45 0.00	24.06 0.51 -0.03	25.02 0.52 -0.04	25.31 0.55 -0.28	34.49 0.60 -0.83	32.35 0.44 -0.59	24.57 0.27 0.00	30.46 0.50 -0.18	38.33 0.71 -0.61	37.82 0.68 -0.82	37.38 0.61 -0.36	36.66 0.79 -0.90	39.97 0.82 -1.20	49.94 0.98 -2.13	46.66 0.86 -1.89	54.92 1.00 -2.74	54.32 0.75 -2.51	40.10 0.35 -0.99	40.22 0.69 -1.01	36.54 0.73 0.00	37.53 0.64 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	31.99 1.43 0.00	27.22 1.29 0.00	26.87 1.29 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.65 0.99 -0.19	35.61 1.02 -1.55	32.49 1.18 0.00	25.43 1.13 0.00	31.52 1.51 -0.24	50.68 1.99 -11.68	38.75 1.87 -0.56	38.20 1.79 0.00	38.39 1.62 -1.80	39.72 1.77 0.00	48.50 1.66 0.00	45.24 1.33 0.00	53.06 1.88 0.00	53.10 2.04 0.00	40.15 1.39 0.00	39.92 1.41 0.00	37.59 1.78 0.00	38.80 1.91 0.00
MUNSVILLE_WIND_PWR 323609	33.27 1.91 -0.79	27.89 1.70 -0.27	27.28 1.62 -0.09	26.19 1.54 0.00	25.09 1.53 -0.04	26.13 1.62 -0.05	26.55 1.72 -0.36	36.27 2.17 -1.04	33.88 1.82 -0.74	25.43 1.13 0.00	31.13 1.13 -0.23	39.15 1.37 -0.77	38.76 1.41 -1.02	38.27 1.41 -0.45	37.46 1.37 -1.13	41.37 1.92 -1.50	52.55 3.05 -2.66	49.47 3.05 -2.52	58.99 4.16 -3.65	58.54 4.15 -3.34	42.90 2.82 -1.32	42.49 2.64 -1.35	38.15 2.35 0.00	39.21 2.32 0.00
N SALMON___HYD 24042	31.55 0.99 0.00	26.57 0.64 0.00	26.12 0.54 0.00	25.14 0.48 0.00	24.03 0.51 0.00	25.16 0.70 0.00	25.26 0.79 0.00	34.32 1.27 0.00	32.52 1.21 0.00	25.15 0.85 0.00	30.77 1.00 0.00	38.09 1.09 0.00	37.51 1.18 0.00	37.58 1.16 0.00	36.18 1.21 0.00	39.13 1.17 0.00	48.41 1.57 0.00	45.60 1.69 0.00	52.83 1.65 0.00	52.54 1.49 0.00	39.89 1.13 0.00	39.49 0.98 0.00	36.29 0.48 0.00	37.28 0.40 0.00
N.AKRON__115KV_KNAPP 355671	32.19 0.99 -0.64	27.04 0.90 -0.22	26.43 0.78 -0.07	25.52 0.86 0.00	24.53 0.98 -0.03	25.51 1.01 -0.04	25.72 0.96 -0.29	34.93 1.04 -0.84	32.66 0.75 -0.60	24.72 0.41 0.00	30.68 0.73 -0.19	38.65 1.02 -0.62	38.05 0.89 -0.82	37.53 0.76 -0.36	36.95 1.08 -0.91	40.06 0.90 -1.21	49.79 0.81 -2.14	46.51 0.66 -1.94	54.58 0.58 -2.81	53.80 0.17 -2.58	39.71 -0.06 -1.02	40.25 0.70 -1.04	36.76 0.96 0.00	37.81 0.93 0.00
N.E_GEN_SANDY PD 24062	30.96 0.39 0.00	27.85 0.47 -1.46	26.32 0.54 -0.20	25.12 0.47 0.00	23.89 0.37 0.00	20.19 0.38 4.65	27.69 0.40 -2.81	21.77 0.27 11.55	31.65 0.34 0.00	25.59 0.45 -0.84	27.96 0.44 2.25	-51.70 0.56 89.27	31.68 0.55 5.20	40.19 0.66 -3.12	20.55 0.36 14.77	35.57 0.37 2.75	50.90 0.26 -3.80	43.93 0.14 0.11	51.46 0.28 0.00	50.73 0.46 0.78	39.69 0.42 -0.51	39.40 0.38 -0.52	35.97 0.59 0.42	33.66 0.69 3.91
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	31.73 1.17 0.00	27.07 1.14 0.00	26.72 1.15 0.00	25.64 0.99 0.00	24.35 0.83 0.00	25.41 0.90 -0.05	25.60 0.95 -0.18	35.44 0.93 -1.46	32.32 1.00 0.00	25.25 0.95 0.00	31.24 1.24 -0.23	49.74 1.69 -11.05	38.44 1.58 -0.53	37.92 1.51 0.00	38.04 1.37 -1.71	39.47 1.52 0.00	48.33 1.49 0.00	45.11 1.20 0.00	52.95 1.77 0.00	52.96 1.91 0.00	40.01 1.25 0.00	39.77 1.26 0.00	37.39 1.58 0.00	38.57 1.68 0.00
N.QUEENS_27_KV_LOAD 356247	32.14 1.58 0.00	27.29 1.37 0.00	26.94 1.37 0.00	25.86 1.21 0.00	24.51 0.99 0.00	25.56 1.05 -0.05	25.70 1.04 -0.19	35.71 1.11 -1.55	32.60 1.29 0.00	25.51 1.21 0.00	31.70 1.66 -0.27	51.64 2.27 -12.37	39.29 1.99 -0.98	39.10 1.97 -0.72	38.54 1.78 -1.80	40.46 1.91 -0.59	48.59 1.75 0.00	45.36 1.45 0.00	53.14 1.95 0.00	53.15 2.09 0.00	40.95 1.43 -0.77	40.16 1.49 -0.16	37.85 2.04 0.00	39.06 2.18 0.00
N.TROY___115KV_TB1 355778	30.94 0.38 0.00	26.37 0.44 0.00	26.09 0.52 0.00	25.14 0.48 0.00	23.93 0.41 0.00	24.83 0.43 0.06	24.73 0.47 0.21	31.71 0.40 1.75	31.67 0.35 0.00	24.69 0.39 0.00	29.76 0.27 0.28	24.12 0.32 13.21	36.05 0.36 0.63	36.89 0.48 0.00	33.12 0.19 2.04	38.19 0.24 0.00	47.14 0.30 0.00	44.23 0.32 0.00	51.61 0.42 0.00	51.63 0.57 0.00	39.28 0.52 0.00	38.99 0.48 0.00	36.38 0.57 0.00	37.51 0.62 0.00
NARROWS_GT1_1 24228	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_2 24229	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_3 24230	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_4 24231	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_5 24232	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00

NARROWS_GT1_6 24233	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_7 24234	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT1_8 24235	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_1 24236	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_2 24237	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_3 24238	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_4 24239	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_5 24240	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_6 24241	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_7 24242	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NARROWS_GT2_8 24243	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.05 1.29 0.00	39.88 1.37 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	30.97 0.42 0.00	26.38 0.45 0.00	26.08 0.50 0.00	25.19 0.53 0.00	24.01 0.48 0.00	24.95 0.50 0.01	24.98 0.55 0.04	33.32 0.62 0.35	31.75 0.43 0.00	24.56 0.26 0.00	29.67 -0.04 0.06	34.25 -0.13 2.63	36.08 -0.12 0.13	36.33 -0.08 0.00	34.21 -0.35 0.41	37.53 -0.41 0.00	46.74 -0.10 0.00	43.89 -0.02 0.00	51.54 0.35 0.00	51.59 0.53 0.00	39.18 0.42 0.00	38.87 0.35 0.00	36.15 0.35 0.00	37.18 0.29 0.00
NCHELSEA_115KV_TR2 355582	31.84 1.28 0.00	27.11 1.18 0.00	26.76 1.19 0.00	25.71 1.05 0.00	24.43 0.90 0.00	25.45 0.94 -0.05	25.58 0.93 -0.18	35.46 0.96 -1.45	32.38 1.06 0.00	25.29 0.98 0.00	31.27 1.28 -0.23	49.63 1.68 -10.94	38.43 1.57 -0.52	37.99 1.58 0.00	38.07 1.41 -1.69	39.58 1.63 0.00	48.56 1.72 0.00	45.37 1.46 0.00	53.19 2.01 0.00	53.22 2.17 0.00	40.26 1.50 0.00	39.99 1.48 0.00	37.52 1.71 0.00	38.66 1.77 0.00
NEG CAPITAL___MECHNVIL 23645	31.43 0.88 0.00	26.79 0.86 0.00	26.48 0.90 0.00	25.50 0.85 0.00	24.29 0.77 0.00	25.23 0.82 0.05	25.15 0.86 0.18	32.51 0.95 1.49	32.13 0.81 0.00	24.99 0.69 0.00	30.16 0.62 0.24	26.47 0.76 11.30	36.63 0.85 0.54	37.39 0.98 0.00	33.91 0.69 1.74	38.78 0.83 0.00	48.02 1.18 0.00	45.16 1.25 0.00	52.74 1.56 0.00	52.74 1.68 0.00	40.05 1.29 0.00	39.75 1.24 0.00	37.05 1.25 0.00	38.15 1.27 0.00
NEG CENTRAL_HIGH_ACRES 23767	31.15 -0.15 -0.74	26.08 -0.10 -0.25	25.50 -0.16 -0.08	24.55 -0.10 0.00	23.50 -0.05 -0.03	24.47 -0.04 -0.05	24.78 -0.03 -0.33	33.87 -0.16 -0.97	31.74 -0.27 -0.69	24.03 -0.27 0.00	29.79 -0.19 -0.21	37.54 -0.18 -0.71	37.08 -0.19 -0.95	36.58 -0.25 -0.42	35.97 -0.04 -1.05	39.30 -0.05 -1.40	49.23 -0.08 -2.47	46.15 -0.04 -2.28	54.46 -0.03 -3.31	53.85 -0.23 -3.03	39.55 -0.40 -1.20	39.59 -0.14 -1.22	35.72 -0.09 0.00	36.68 -0.20 0.00



NEG CENTRAL___DRP 24199	32.12 0.36 -1.21	26.72 0.39 -0.41	26.04 0.34 -0.13	24.98 0.33 0.00	23.95 0.38 -0.06	24.90 0.37 -0.08	25.44 0.42 -0.54	35.05 0.42 -1.58	32.67 0.23 -1.12	24.32 0.01 0.00	30.23 0.11 -0.35	38.26 0.09 -1.16	37.90 0.03 -1.55	37.03 -0.07 -0.68	36.89 0.21 -1.71	40.49 0.27 -2.28	51.45 0.58 -4.03	48.35 0.59 -3.84	57.69 0.94 -5.57	56.96 0.81 -5.10	41.16 0.39 -2.01	41.02 0.46 -2.06	36.30 0.49 0.00	37.33 0.44 0.00
NEG CENTRAL___INDECK 23768	32.81 1.54 -0.72	27.52 1.35 -0.24	26.89 1.23 -0.08	25.87 1.22 0.00	24.83 1.28 -0.03	25.82 1.32 -0.04	26.18 1.39 -0.32	35.67 1.69 -0.94	33.26 1.28 -0.67	25.08 0.78 0.00	30.89 0.92 -0.21	38.84 1.14 -0.69	38.34 1.09 -0.92	37.77 0.95 -0.41	37.23 1.25 -1.01	40.67 1.38 -1.35	51.21 1.98 -2.39	48.02 1.93 -2.19	57.07 2.71 -3.17	56.58 2.62 -2.91	41.60 1.69 -1.15	41.54 1.86 -1.17	37.43 1.62 0.00	38.34 1.45 0.00
NEG CENTRAL___SENECA 23627	31.94 0.46 -0.93	26.76 0.52 -0.31	26.11 0.44 -0.10	25.08 0.43 0.00	24.06 0.50 -0.04	25.01 0.49 -0.06	25.44 0.54 -0.42	34.85 0.59 -1.22	32.52 0.34 -0.86	24.37 0.07 0.00	30.25 0.21 -0.27	38.10 0.19 -0.90	37.62 0.10 -1.19	36.91 -0.02 -0.53	36.58 0.30 -1.31	40.06 0.37 -1.75	50.68 0.74 -3.10	47.58 0.76 -2.91	56.55 1.15 -4.22	55.90 0.98 -3.87	40.77 0.48 -1.53	40.64 0.57 -1.56	36.38 0.57 0.00	37.41 0.52 0.00
NEG CENTRAL___STATE_STREET 24147	32.30 0.35 -1.40	26.75 0.35 -0.47	26.06 0.33 -0.16	24.97 0.32 0.00	23.94 0.35 -0.06	24.82 0.27 -0.09	25.47 0.37 -0.63	35.23 0.35 -1.83	32.83 0.22 -1.30	24.33 0.03 0.00	30.27 0.10 -0.40	38.48 0.12 -1.35	38.13 0.01 -1.80	37.14 -0.06 -0.79	37.20 0.26 -1.97	40.81 0.23 -2.64	52.09 0.59 -4.67	48.84 0.46 -4.47	58.56 0.89 -6.49	57.81 0.81 -5.94	41.56 0.46 -2.34	41.44 0.53 -2.40	36.37 0.56 0.00	37.39 0.51 0.00
NEG MILLWOOD___DRP 24198	31.91 1.35 0.00	27.16 1.23 0.00	26.81 1.24 0.00	25.75 1.09 0.00	24.45 0.93 0.00	25.48 0.97 -0.05	25.62 0.96 -0.18	35.56 1.00 -1.51	32.44 1.13 0.00	25.35 1.05 0.00	31.39 1.38 -0.24	50.28 1.82 -11.45	38.60 1.73 -0.55	38.14 1.73 0.00	38.29 1.56 -1.77	39.70 1.75 0.00	48.66 1.82 0.00	45.46 1.55 0.00	53.29 2.10 0.00	53.31 2.26 0.00	40.31 1.55 0.00	40.03 1.52 0.00	37.59 1.78 0.00	38.74 1.86 0.00
NEG NORTH_FLCN_SEA 23793	31.69 1.13 0.00	26.58 0.65 0.00	26.20 0.63 0.00	25.21 0.56 0.00	24.07 0.55 0.00	25.34 0.89 0.00	25.46 0.99 0.00	34.36 1.31 0.00	32.46 1.15 0.00	25.17 0.86 0.00	30.78 1.01 0.00	38.13 1.13 0.00	37.46 1.13 0.00	37.65 1.24 0.00	36.08 1.11 0.00	39.11 1.16 0.00	48.24 1.40 0.00	45.51 1.60 0.00	52.55 1.37 0.00	52.18 1.12 0.00	39.44 0.68 0.00	39.02 0.51 0.00	36.07 0.27 0.00	37.01 0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	31.34 0.78 0.00	26.38 0.46 0.00	25.96 0.38 0.00	24.99 0.33 0.00	23.88 0.36 0.00	25.02 0.56 0.00	25.11 0.64 0.00	34.05 1.00 0.00	32.21 0.89 0.00	24.92 0.62 0.00	30.52 0.74 0.00	37.84 0.83 0.00	37.18 0.85 0.00	37.29 0.88 0.00	35.83 0.87 0.00	38.81 0.86 0.00	47.95 1.11 0.00	45.18 1.27 0.00	52.32 1.13 0.00	52.00 0.95 0.00	39.44 0.69 0.00	39.05 0.54 0.00	35.87 0.07 0.00	36.90 0.02 0.00
NEG NORTH___ALICE_FALLS 23915	31.78 1.22 0.00	26.68 0.75 0.00	26.28 0.71 0.00	25.28 0.63 0.00	24.15 0.63 0.00	25.40 0.94 0.00	25.52 1.04 0.00	34.48 1.43 0.00	32.59 1.27 0.00	25.21 0.91 0.00	30.85 1.08 0.00	38.23 1.22 0.00	37.53 1.20 0.00	37.68 1.27 0.00	36.14 1.17 0.00	39.18 1.23 0.00	48.46 1.63 0.00	45.77 1.86 0.00	52.96 1.78 0.00	52.60 1.54 0.00	39.78 1.02 0.00	39.35 0.84 0.00	36.27 0.47 0.00	37.22 0.33 0.00
NEG NORTH___LWR_SARANAC 23913	31.78 1.22 0.00	26.68 0.75 0.00	26.28 0.71 0.00	25.28 0.63 0.00	24.15 0.63 0.00	25.40 0.94 0.00	25.52 1.04 0.00	34.48 1.43 0.00	32.59 1.27 0.00	25.21 0.91 0.00	30.85 1.08 0.00	38.23 1.22 0.00	37.53 1.20 0.00	37.68 1.27 0.00	36.14 1.17 0.00	39.18 1.23 0.00	48.46 1.63 0.00	45.77 1.86 0.00	52.96 1.78 0.00	52.60 1.54 0.00	39.78 1.02 0.00	39.35 0.84 0.00	36.27 0.47 0.00	37.22 0.33 0.00
NEG NORTH___PLATTSBURG 23628	31.78 1.22 0.00	26.68 0.75 0.00	26.28 0.71 0.00	25.29 0.63 0.00	24.15 0.63 0.00	25.40 0.94 0.00	25.52 1.04 0.00	34.48 1.43 0.00	32.59 1.27 0.00	25.21 0.91 0.00	30.85 1.08 0.00	38.23 1.22 0.00	37.53 1.20 0.00	37.68 1.27 0.00	36.14 1.17 0.00	39.18 1.23 0.00	48.46 1.62 0.00	45.77 1.86 0.00	52.96 1.78 0.00	52.60 1.54 0.00	39.78 1.02 0.00	39.35 0.84 0.00	36.27 0.47 0.00	37.22 0.33 0.00
NEG WEST_LEA_LOCKPORT 23791	31.84 0.64 -0.64	26.77 0.62 -0.22	26.16 0.51 -0.07	25.27 0.62 0.00	24.31 0.76 -0.03	25.28 0.78 -0.04	25.47 0.71 -0.29	34.57 0.67 -0.84	32.33 0.42 -0.60	24.52 0.22 0.00	30.49 0.54 -0.19	38.43 0.80 -0.62	37.79 0.64 -0.83	37.27 0.49 -0.37	36.72 0.85 -0.91	39.67 0.51 -1.21	49.27 0.29 -2.15	45.89 0.03 -1.95	53.76 -0.26 -2.83	52.90 -0.74 -2.59	39.04 -0.74 -1.02	39.65 0.09 -1.05	36.25 0.44 0.00	37.33 0.45 0.00
NEG WEST___LANCASTR 23811	31.61 0.38 -0.66	26.61 0.46 -0.22	25.98 0.33 -0.07	25.04 0.39 0.00	24.10 0.54 -0.03	25.04 0.54 -0.04	25.31 0.54 -0.30	34.45 0.53 -0.87	32.21 0.28 -0.62	24.44 0.14 0.00	30.45 0.48 -0.19	38.38 0.73 -0.64	37.75 0.57 -0.85	37.13 0.34 -0.38	36.62 0.72 -0.94	39.63 0.44 -1.25	49.51 0.46 -2.21	46.08 0.14 -2.03	54.21 0.09 -2.94	53.35 -0.40 -2.69	39.27 -0.55 -1.06	39.66 0.07 -1.09	36.16 0.35 0.00	37.10 0.22 0.00
NEG_PENN_ALLEGHNY 23528	31.67 0.31 -0.79	26.55 0.35 -0.27	25.97 0.31 -0.09	24.93 0.27 0.00	23.88 0.32 -0.04	24.82 0.31 -0.05	25.16 0.32 -0.36	34.34 0.24 -1.04	32.18 0.13 -0.74	24.31 0.01 0.00	30.12 0.12 -0.23	38.04 0.26 -0.77	37.59 0.24 -1.02	36.96 0.09 -0.45	36.33 0.23 -1.13	39.73 0.28 -1.50	50.04 0.54 -2.66	46.81 0.39 -2.51	55.52 0.69 -3.64	54.98 0.59 -3.33	40.34 0.27 -1.31	40.22 0.36 -1.35	36.30 0.49 0.00	37.30 0.41 0.00
NEG___GEN_MONROE 24207	32.25 1.05 -0.64	27.01 0.86 -0.22	26.49 0.84 -0.07	25.50 0.85 0.00	24.48 0.93 -0.03	25.49 0.99 -0.04	25.76 1.00 -0.28	34.97 1.09 -0.83	32.77 0.87 -0.59	24.80 0.50 0.00	30.77 0.81 -0.18	38.70 1.07 -0.61	38.18 1.04 -0.82	37.68 0.91 -0.36	36.94 1.08 -0.90	40.40 1.25 -1.20	50.40 1.43 -2.13	47.04 1.24 -1.90	55.33 1.40 -2.74	54.66 1.09 -2.51	40.32 0.57 -0.99	40.49 0.96 -1.01	36.92 1.12 0.00	37.92 1.04 0.00
NEPA___ENERGY 23901	31.56 0.35 -0.66	26.63 0.48 -0.22	25.94 0.29 -0.07	24.92 0.27 0.00	24.05 0.50 -0.03	24.98 0.48 -0.04	25.34 0.57 -0.30	34.37 0.45 -0.86	32.06 0.12 -0.61	24.17 -0.13 0.00	30.20 0.24 -0.19	38.26 0.61 -0.64	37.70 0.52 -0.85	36.94 0.15 -0.37	36.50 0.60 -0.93	39.41 0.21 -1.24	49.63 0.59 -2.21	46.08 0.14 -2.02	54.52 0.40 -2.93	53.58 -0.16 -2.69	39.38 -0.44 -1.06	39.64 0.04 -1.08	36.18 0.37 0.00	36.96 0.08 0.00

NEVERSINK___HYD 23608	31.20 0.64 0.00	26.56 0.63 0.00	26.21 0.64 0.00	25.18 0.53 0.00	23.93 0.41 0.00	24.93 0.43 -0.04	25.04 0.42 -0.14	34.50 0.30 -1.15	31.72 0.41 0.00	24.73 0.43 0.00	30.53 0.58 -0.18	46.47 0.79 -8.67	37.38 0.64 -0.42	37.03 0.62 0.00	36.73 0.43 -1.34	38.72 0.78 0.00	47.56 0.72 0.00	44.57 0.66 0.00	52.34 1.16 0.00	52.37 1.32 0.00	39.59 0.83 0.00	39.33 0.82 0.00	36.90 1.09 0.00	37.98 1.10 0.00
NEWKRMKL_115KV_TB1 55635	30.47 -0.09 0.00	25.97 0.04 0.00	25.69 0.12 0.00	24.79 0.14 0.00	23.61 0.08 0.00	24.52 0.10 0.04	24.44 0.10 0.13	31.92 -0.09 1.04	31.25 -0.07 0.00	24.34 0.04 0.00	29.48 -0.13 0.16	28.98 -0.18 7.84	35.80 -0.15 0.38	36.30 -0.12 0.00	33.42 -0.33 1.21	37.59 -0.36 0.00	46.37 -0.47 0.00	43.40 -0.51 0.00	50.70 -0.49 0.00	50.70 -0.36 0.00	38.52 -0.24 0.00	38.26 -0.25 0.00	35.71 -0.09 0.00	36.79 -0.09 0.00
NEWTON___FALLS_HYD 23847	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.14 0.65 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.91 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.46 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
NGRID_A1_DSASP 323792	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.09 0.43 0.00	24.13 0.58 -0.03	25.09 0.59 -0.04	25.28 0.52 -0.29	34.18 0.29 -0.83	31.99 0.08 -0.59	24.32 0.02 0.00	30.30 0.35 -0.18	38.18 0.56 -0.62	37.53 0.39 -0.82	36.99 0.22 -0.36	36.49 0.62 -0.90	39.30 0.15 -1.20	48.76 -0.20 -2.13	45.36 -0.49 -1.94	52.92 -1.08 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.46 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
NGRID_A2_DSASP 323793	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.09 0.43 0.00	24.13 0.58 -0.03	25.09 0.59 -0.04	25.28 0.52 -0.29	34.18 0.29 -0.83	31.99 0.08 -0.59	24.32 0.02 0.00	30.30 0.35 -0.18	38.18 0.56 -0.62	37.53 0.39 -0.82	36.99 0.22 -0.36	36.49 0.62 -0.90	39.30 0.15 -1.20	48.76 -0.20 -2.13	45.36 -0.49 -1.94	52.92 -1.08 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.46 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
NGRID_A4_DSASP 323807	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.09 0.43 0.00	24.13 0.58 -0.03	25.09 0.59 -0.04	25.28 0.52 -0.29	34.18 0.29 -0.83	31.99 0.08 -0.59	24.32 0.02 0.00	30.30 0.35 -0.18	38.18 0.56 -0.62	37.53 0.39 -0.82	36.99 0.22 -0.36	36.49 0.62 -0.90	39.30 0.15 -1.20	48.76 -0.20 -2.13	45.36 -0.49 -1.94	52.92 -1.08 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.46 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
NIAGARA_115E_LBMP 323715	31.52 0.32 -0.64	26.50 0.35 -0.22	25.90 0.26 -0.07	25.02 0.37 0.00	24.09 0.54 -0.03	25.05 0.55 -0.04	25.21 0.45 -0.29	34.16 0.27 -0.84	31.95 0.03 -0.60	24.25 -0.06 0.00	30.15 0.20 -0.19	37.99 0.37 -0.62	37.34 0.19 -0.82	36.86 0.08 -0.36	36.32 0.45 -0.91	39.15 -0.01 -1.21	48.57 -0.42 -2.14	45.20 -0.66 -1.95	52.89 -1.13 -2.83	52.03 -1.62 -2.59	38.44 -1.34 -1.02	39.12 -0.44 -1.05	35.84 0.04 0.00	36.95 0.06 0.00
NIAGARA_115W_LBMP 323714	31.54 0.34 -0.64	26.53 0.39 -0.22	25.92 0.28 -0.07	25.05 0.40 0.00	24.10 0.55 -0.03	25.06 0.56 -0.04	25.25 0.49 -0.28	34.11 0.23 -0.83	31.93 0.02 -0.59	24.28 -0.02 0.00	30.24 0.29 -0.18	38.11 0.49 -0.61	37.46 0.32 -0.82	36.92 0.14 -0.36	36.42 0.55 -0.90	39.22 0.07 -1.20	48.66 -0.31 -2.13	45.27 -0.58 -1.94	52.80 -1.20 -2.81	51.76 -1.87 -2.58	38.17 -1.61 -1.02	39.01 -0.54 -1.04	35.70 -0.11 0.00	36.96 0.07 0.00
NIAGARA_230_LBMP 323716	31.55 0.36 -0.63	26.55 0.41 -0.21	25.95 0.31 -0.07	25.07 0.42 0.00	24.12 0.56 -0.03	25.07 0.57 -0.04	25.27 0.51 -0.28	34.30 0.42 -0.83	32.11 0.21 -0.59	24.41 0.11 0.00	30.40 0.45 -0.18	38.31 0.69 -0.61	37.64 0.50 -0.81	37.10 0.33 -0.36	36.57 0.71 -0.89	39.44 0.29 -1.19	48.99 0.04 -2.11	45.57 -0.27 -1.93	53.36 -0.62 -2.79	52.47 -1.15 -2.56	38.69 -1.08 -1.01	39.33 -0.21 -1.03	35.94 0.14 0.00	37.03 0.15 0.00
NIAGARA___ 23760	31.53 0.34 -0.64	26.53 0.39 -0.22	25.92 0.28 -0.07	25.05 0.40 0.00	24.10 0.55 -0.03	25.05 0.54 -0.04	25.25 0.49 -0.28	34.13 0.24 -0.83	31.94 0.04 -0.59	24.27 -0.03 0.00	30.24 0.29 -0.18	38.10 0.48 -0.61	37.46 0.32 -0.82	36.92 0.14 -0.36	36.41 0.55 -0.90	39.24 0.09 -1.20	48.66 -0.30 -2.13	45.28 -0.57 -1.94	52.81 -1.19 -2.81	51.75 -1.88 -2.58	38.18 -1.60 -1.02	39.02 -0.54 -1.04	35.70 -0.11 0.00	36.96 0.07 0.00
NINE_MILE_1 23575	21.22 -0.76 8.58	22.40 -0.62 2.91	23.99 -0.62 0.96	24.05 -0.60 0.01	22.57 -0.56 0.39	23.31 -0.59 0.56	20.02 -0.59 3.87	20.93 -0.87 11.24	22.46 -0.87 7.99	23.60 -0.70 0.00	26.44 -0.84 2.49	27.68 -1.04 8.29	24.25 -1.03 11.04	30.50 -1.03 4.88	21.90 -0.93 12.14	20.78 -0.98 16.19	16.99 -1.16 28.69	15.66 -1.09 27.16	10.64 -1.19 39.35	13.79 -1.21 36.05	23.52 -1.01 14.23	23.01 -0.95 14.55	34.98 -0.83 0.00	36.01 -0.87 0.00
NINE_MILE_2 23744	21.07 -0.76 8.72	22.35 -0.62 2.96	23.97 -0.62 0.98	24.04 -0.60 0.01	22.56 -0.56 0.40	23.30 -0.59 0.57	19.96 -0.59 3.93	20.74 -0.87 11.44	22.32 -0.87 8.12	23.60 -0.70 0.00	26.40 -0.85 2.53	27.54 -1.04 8.43	24.07 -1.03 11.23	30.42 -1.03 4.96	21.69 -0.94 12.35	20.50 -0.98 16.47	16.50 -1.16 29.18	15.20 -1.09 27.62	9.97 -1.19 40.02	13.17 -1.21 36.67	23.27 -1.01 14.47	22.76 -0.95 14.80	34.98 -0.83 0.00	36.01 -0.87 0.00
NM_CAPITAL___DRP 24208	30.49 -0.07 0.00	25.99 0.07 0.00	25.72 0.15 0.00	24.82 0.16 0.00	23.63 0.11 0.00	24.53 0.11 0.04	24.46 0.12 0.14	31.84 -0.06 1.15	31.28 -0.04 0.00	24.38 0.08 0.00	29.51 -0.08 0.18	28.15 -0.13 8.73	35.80 -0.10 0.42	36.37 -0.05 0.00	33.34 -0.28 1.35	37.64 -0.31 0.00	46.40 -0.44 0.00	43.41 -0.49 0.00	50.69 -0.49 0.00	50.71 -0.35 0.00	38.55 -0.21 0.00	38.28 -0.23 0.00	35.76 -0.05 0.00	36.85 -0.03 0.00
NM_CENTRAL___DRP 24181	31.50 -0.14 -1.08	26.19 -0.10 -0.37	25.57 -0.12 -0.12	24.54 -0.11 0.00	23.48 -0.08 -0.05	24.44 -0.09 -0.07	24.88 -0.08 -0.49	34.24 -0.23 -1.42	32.04 -0.28 -1.01	24.04 -0.26 0.00	29.78 -0.30 -0.31	37.72 -0.33 -1.05	37.40 -0.31 -1.39	36.68 -0.34 -0.61	36.26 -0.24 -1.53	39.84 -0.15 -2.04	50.33 -0.13 -3.62	47.27 -0.08 -3.45	56.20 0.01 -5.00	55.58 -0.05 -4.58	40.38 -0.19 -1.81	40.25 -0.11 -1.85	35.77 -0.04 0.00	36.78 -0.10 0.00

NM_FRONTIER___DRP 24179	31.53 0.34 -0.64	26.53 0.39 -0.22	25.92 0.28 -0.07	25.05 0.40 0.00	24.10 0.55 -0.03	25.05 0.54 -0.04	25.25 0.49 -0.28	34.13 0.24 -0.83	31.94 0.04 -0.59	24.27 -0.03 0.00	30.24 0.29 -0.18	38.10 0.48 -0.61	37.46 0.32 -0.82	36.92 0.14 -0.36	36.41 0.55 -0.90	39.24 0.09 -1.20	48.66 -0.30 -2.13	45.28 -0.57 -1.94	52.81 -1.19 -2.81	51.75 -1.88 -2.58	38.18 -1.60 -1.02	39.02 -0.54 -1.04	35.70 -0.11 0.00	36.96 0.07 0.00
NM_ST_REGIS___HYD 24053	31.63 0.83 -0.24	26.56 0.55 -0.08	26.02 0.42 -0.03	25.03 0.38 0.00	23.95 0.41 -0.01	25.01 0.54 -0.01	25.18 0.60 -0.11	34.43 1.06 -0.31	32.57 1.03 -0.22	24.98 0.68 0.00	30.67 0.82 -0.07	38.02 0.78 -0.23	37.53 0.89 -0.31	37.44 0.89 -0.14	36.24 0.93 -0.34	39.31 0.90 -0.45	48.84 1.20 -0.80	45.87 1.20 -0.76	53.44 1.14 -1.10	53.10 1.03 -1.01	40.03 0.88 -0.40	39.77 0.85 -0.41	36.24 0.43 0.00	37.21 0.32 0.00
NORTHPORT___1 23551	31.70 1.14 0.00	27.10 1.18 0.00	26.72 1.15 0.00	25.58 0.93 0.00	24.28 0.76 0.00	25.20 0.68 -0.05	25.21 0.55 -0.19	34.84 0.24 -1.55	31.76 0.45 0.00	24.91 0.61 0.00	41.24 1.20 -10.27	55.82 1.51 -17.30	64.14 1.17 -26.64	104.70 1.02 -67.27	71.57 0.94 -35.66	63.64 1.13 -24.56	50.16 1.04 -2.28	53.57 0.90 -8.76	52.56 1.37 0.00	52.61 1.55 0.00	38.93 0.89 0.72	45.06 0.80 -5.75	37.11 1.31 0.00	38.42 1.54 0.00
NORTHPORT___2 23552	31.70 1.14 0.00	27.10 1.18 0.00	26.72 1.15 0.00	25.58 0.93 0.00	24.28 0.76 0.00	25.20 0.68 -0.05	25.21 0.55 -0.19	34.84 0.24 -1.55	31.76 0.45 0.00	24.91 0.61 0.00	41.24 1.20 -10.27	55.82 1.51 -17.30	64.14 1.17 -26.64	104.70 1.02 -67.27	71.57 0.94 -35.66	63.64 1.13 -24.56	50.16 1.04 -2.28	53.57 0.90 -8.76	52.56 1.37 0.00	52.61 1.55 0.00	38.93 0.89 0.72	45.06 0.80 -5.75	37.11 1.31 0.00	38.42 1.54 0.00
NORTHPORT___3 23553	31.56 1.00 0.00	26.99 1.06 0.00	26.62 1.05 0.00	25.48 0.83 0.00	24.18 0.66 0.00	25.05 0.54 -0.05	25.03 0.37 -0.19	34.57 -0.03 -1.55	31.50 0.18 0.00	24.74 0.44 0.00	41.26 1.13 -10.36	55.67 1.29 -17.38	64.06 0.84 -26.89	105.01 0.68 -67.91	71.60 0.66 -35.97	63.57 0.81 -24.80	49.72 0.58 -2.30	53.19 0.44 -8.84	51.99 0.80 0.00	52.02 0.96 0.00	38.54 0.48 0.70	44.73 0.41 -5.81	36.84 1.04 0.00	38.23 1.35 0.00
NORTHPORT___4 23650	31.56 1.00 0.00	26.99 1.06 0.00	26.62 1.05 0.00	25.48 0.83 0.00	24.18 0.66 0.00	25.05 0.54 -0.05	25.03 0.37 -0.19	34.57 -0.03 -1.55	31.50 0.18 0.00	24.74 0.44 0.00	41.26 1.13 -10.36	55.67 1.29 -17.38	64.06 0.84 -26.89	105.01 0.68 -67.91	71.60 0.66 -35.97	63.57 0.81 -24.80	49.72 0.58 -2.30	53.19 0.44 -8.84	51.99 0.80 0.00	52.02 0.96 0.00	38.54 0.48 0.70	44.73 0.41 -5.81	36.84 1.04 0.00	38.23 1.35 0.00
NORTHPORT___IC 23718	31.70 1.14 0.00	27.11 1.18 0.00	26.72 1.15 0.00	25.58 0.93 0.00	24.28 0.76 0.00	25.20 0.68 -0.05	25.21 0.55 -0.19	34.83 0.23 -1.55	31.76 0.44 0.00	24.92 0.61 0.00	41.24 1.20 -10.27	55.81 1.50 -17.30	64.13 1.17 -26.64	104.71 1.03 -67.27	71.57 0.94 -35.66	63.64 1.13 -24.56	50.16 1.04 -2.28	53.57 0.90 -8.76	52.57 1.37 0.00	52.61 1.55 0.00	38.93 0.89 0.72	45.06 0.80 -5.75	37.11 1.30 0.00	38.42 1.54 0.00
NORTH___COUNTRY_ESR 323785	31.26 0.70 0.00	26.32 0.40 0.00	25.90 0.33 0.00	24.93 0.28 0.00	23.83 0.30 0.00	24.96 0.50 0.00	25.04 0.57 0.00	33.98 0.92 0.00	32.16 0.84 0.00	24.90 0.60 0.00	30.51 0.74 0.00	37.83 0.82 0.00	37.17 0.85 0.00	37.29 0.88 0.00	35.83 0.86 0.00	38.80 0.85 0.00	47.94 1.10 0.00	45.13 1.22 0.00	52.23 1.04 0.00	51.87 0.81 0.00	39.32 0.56 0.00	38.94 0.42 0.00	35.77 -0.03 0.00	36.81 -0.07 0.00
NPX_GEN_1385_PROXY 323591	31.70 1.14 0.00	27.10 1.18 0.00	26.72 1.15 0.00	25.58 0.93 0.00	24.28 0.76 0.00	15.65 0.68 9.49	26.49 0.55 -1.46	35.50 0.24 -2.20	31.76 0.45 0.00	24.91 0.61 0.00	41.24 1.20 -10.27	55.82 1.51 -17.30	64.14 1.17 -26.64	104.70 1.02 -67.27	69.99 0.94 -34.08	63.64 1.13 -24.56	47.41 1.04 0.47	53.57 0.90 -8.76	52.56 1.37 0.00	52.61 1.55 0.00	38.93 0.89 0.72	45.06 0.80 -5.75	37.11 1.31 0.00	38.42 1.54 0.00
NPX_GEN_CSC 323557	31.55 0.99 0.00	26.93 1.01 0.00	26.53 0.96 0.00	25.39 0.74 0.00	24.10 0.58 0.00	15.50 0.53 9.49	26.35 0.41 -1.46	35.29 0.04 -2.20	31.61 0.30 0.00	24.82 0.51 0.00	41.16 0.98 -10.42	55.67 1.20 -17.46	64.34 0.96 -27.06	105.63 0.90 -68.32	70.48 0.95 -34.56	64.17 1.24 -24.98	47.59 1.19 0.43	53.84 1.05 -8.89	52.72 1.53 0.00	52.77 1.71 0.00	39.09 0.97 0.64	45.18 0.81 -5.85	37.12 1.31 0.00	38.34 1.45 0.00
NSINS_S_GLNS_FALLS 23858	31.47 0.91 0.00	26.81 0.88 0.00	26.51 0.94 0.00	25.52 0.87 0.00	24.33 0.81 0.00	25.33 0.91 0.05	25.32 1.00 0.16	32.77 1.01 1.29	32.13 0.81 0.00	25.03 0.73 0.00	30.11 0.54 0.20	27.84 0.60 9.77	36.51 0.65 0.47	37.22 0.81 0.00	34.03 0.57 1.51	38.60 0.65 0.00	47.97 1.13 0.00	45.36 1.46 0.00	52.92 1.74 0.00	52.88 1.82 0.00	40.20 1.44 0.00	39.88 1.37 0.00	37.11 1.30 0.00	38.19 1.30 0.00
NUCOR_STEEL___DRP 24197	32.32 0.31 -1.46	26.74 0.32 -0.49	26.04 0.30 -0.16	24.94 0.29 0.00	23.91 0.32 -0.07	24.78 0.23 -0.10	25.47 0.34 -0.66	35.25 0.29 -1.91	32.85 0.18 -1.35	24.31 0.01 0.00	30.27 0.08 -0.42	38.53 0.11 -1.41	38.18 -0.02 -1.87	37.16 -0.08 -0.83	37.26 0.24 -2.06	40.89 0.19 -2.75	52.24 0.54 -4.86	48.96 0.38 -4.67	58.78 0.82 -6.77	58.01 0.75 -6.20	41.62 0.42 -2.45	41.51 0.50 -2.50	36.34 0.53 0.00	37.36 0.48 0.00
NUMBER_THREE_WT_PWR 323818	32.35 1.20 -0.60	27.11 0.98 -0.20	26.47 0.83 -0.07	25.42 0.77 0.00	24.33 0.78 -0.03	25.34 0.84 -0.04	25.58 0.84 -0.27	34.76 0.92 -0.79	32.79 0.91 -0.56	24.96 0.66 0.00	30.45 0.50 -0.17	37.90 0.31 -0.58	37.37 0.27 -0.77	37.05 0.30 -0.34	36.23 0.42 -0.85	39.74 0.67 -1.13	49.93 1.09 -2.00	47.35 1.54 -1.90	55.97 2.03 -2.76	55.64 2.06 -2.53	40.62 0.86 -1.00	40.23 0.70 -1.02	36.15 0.34 0.00	36.77 -0.12 0.00
NYISO_LBMP_REFERENCE 24008	30.56 0.00 0.00	25.93 0.00 0.00	25.57 0.00 0.00	24.65 0.00 0.00	23.52 0.00 0.00	24.46 0.00 0.00	24.48 0.00 0.00	33.05 0.00 0.00	31.32 0.00 0.00	24.30 0.00 0.00	29.77 0.00 0.00	37.01 0.00 0.00	36.32 0.00 0.00	36.41 0.00 0.00	34.96 0.00 0.00	37.95 0.00 0.00	46.84 0.00 0.00	43.91 0.00 0.00	51.19 0.00 0.00	51.05 0.00 0.00	38.76 0.00 0.00	38.51 0.00 0.00	35.81 0.00 0.00	36.88 0.00 0.00
NYPA_BRENTWD____GT 24164	32.09 1.53 0.00	27.39 1.47 0.00	26.98 1.41 0.00	25.83 1.17 0.00	24.50 0.98 0.00	25.44 0.93 -0.05	25.48 0.82 -0.19	35.22 0.62 -1.55	32.14 0.82 0.00	25.19 0.89 0.00	41.86 1.50 -10.59	56.60 1.91 -17.68	65.52 1.62 -27.58	107.41 1.41 -69.58	72.86 1.18 -36.72	64.83 1.38 -25.50	50.75 1.56 -2.35	54.42 1.47 -9.03	53.33 2.14 0.00	53.43 2.37 0.00	39.74 1.49 0.51	45.88 1.40 -5.98	37.65 1.85 0.00	38.91 2.03 0.00

NYPA_GOWANUS____GT5 24156	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.13 0.00	52.91 1.73 0.00	52.97 1.92 0.00	40.04 1.28 0.00	39.86 1.35 0.00	37.62 1.82 0.00	38.78 1.90 0.00
NYPA_GOWANUS____GT6 24157	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.04 1.13 0.00	52.91 1.73 0.00	52.97 1.92 0.00	40.04 1.28 0.00	39.86 1.35 0.00	37.62 1.82 0.00	38.78 1.90 0.00
NYPA_HARLEM__RVR__GT1 24160	32.06 1.50 0.00	27.23 1.30 0.00	26.88 1.30 0.00	25.81 1.16 0.00	24.47 0.95 0.00	25.51 1.00 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.54 1.23 0.00	25.46 1.15 0.00	31.59 1.58 -0.24	50.82 2.14 -11.68	38.77 1.89 -0.56	38.29 1.88 0.00	38.45 1.69 -1.80	39.76 1.82 0.00	48.46 1.62 0.00	45.23 1.32 0.00	53.01 1.82 0.00	53.02 1.97 0.00	40.09 1.33 0.00	39.91 1.40 0.00	37.75 1.94 0.00	38.96 2.08 0.00
NYPA_HARLEM__RVR__GT2 24161	32.06 1.50 0.00	27.23 1.30 0.00	26.88 1.30 0.00	25.81 1.16 0.00	24.47 0.95 0.00	25.51 1.00 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.54 1.23 0.00	25.46 1.15 0.00	31.59 1.58 -0.24	50.82 2.14 -11.68	38.77 1.89 -0.56	38.29 1.88 0.00	38.45 1.69 -1.80	39.76 1.82 0.00	48.46 1.62 0.00	45.23 1.32 0.00	53.01 1.82 0.00	53.02 1.97 0.00	40.09 1.33 0.00	39.91 1.40 0.00	37.75 1.94 0.00	38.96 2.08 0.00
NYPA_KENT____GT 24152	32.14 1.58 0.00	27.27 1.35 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.63 1.03 -1.55	32.54 1.22 0.00	25.46 1.15 0.00	31.53 1.51 -0.24	50.70 2.01 -11.68	38.71 1.83 -0.56	38.21 1.80 0.00	38.37 1.60 -1.80	39.73 1.78 0.00	48.30 1.46 0.00	45.00 1.09 0.00	52.86 1.68 0.00	52.93 1.87 0.00	40.01 1.25 0.00	39.85 1.34 0.00	37.63 1.82 0.00	38.78 1.90 0.00
NYPA_POUCH1____GT 24155	32.17 1.62 0.00	27.28 1.36 0.00	26.89 1.32 0.00	25.80 1.15 0.00	24.48 0.96 0.00	25.52 1.01 -0.05	25.68 1.01 -0.19	35.61 1.02 -1.55	32.52 1.21 0.00	25.44 1.14 0.00	31.49 1.48 -0.24	50.64 1.95 -11.68	38.63 1.75 -0.56	38.14 1.73 0.00	38.30 1.53 -1.80	39.67 1.72 0.00	48.17 1.33 0.00	44.96 1.05 0.00	52.82 1.63 0.00	52.89 1.83 0.00	40.02 1.26 0.00	39.84 1.33 0.00	37.62 1.82 0.00	38.77 1.89 0.00
NYPA_VERNON____GT2 24162	32.00 1.44 0.00	27.23 1.30 0.00	26.87 1.30 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.67 1.01 -0.19	35.64 1.04 -1.55	32.54 1.23 0.00	25.47 1.17 0.00	31.56 1.55 -0.24	50.76 2.07 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.44 1.68 -1.80	39.76 1.82 0.00	48.41 1.57 0.00	45.14 1.23 0.00	52.93 1.74 0.00	52.96 1.91 0.00	40.05 1.29 0.00	39.86 1.35 0.00	37.61 1.80 0.00	38.85 1.97 0.00
NYPA_VERNON____GT3 24163	32.00 1.44 0.00	27.23 1.30 0.00	26.87 1.30 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.67 1.01 -0.19	35.64 1.04 -1.55	32.54 1.23 0.00	25.47 1.17 0.00	31.56 1.55 -0.24	50.76 2.07 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.44 1.68 -1.80	39.76 1.82 0.00	48.41 1.57 0.00	45.14 1.23 0.00	52.93 1.74 0.00	52.96 1.91 0.00	40.05 1.29 0.00	39.86 1.35 0.00	37.61 1.80 0.00	38.85 1.97 0.00
NYPA____ASTORIA_CC1 323568	31.94 1.39 0.00	27.18 1.25 0.00	26.83 1.26 0.00	25.77 1.12 0.00	24.45 0.92 0.00	25.48 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.17 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.68 1.99 -11.68	38.72 1.84 -0.56	38.19 1.78 0.00	38.37 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.04 1.14 0.00	52.83 1.64 0.00	52.87 1.81 0.00	39.98 1.23 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.90 0.00
NYPA____ASTORIA_CC2 323569	31.94 1.39 0.00	27.18 1.25 0.00	26.83 1.26 0.00	25.77 1.12 0.00	24.45 0.92 0.00	25.48 0.97 -0.05	25.63 0.97 -0.19	35.57 0.97 -1.55	32.48 1.17 0.00	25.43 1.13 0.00	31.51 1.49 -0.24	50.68 1.99 -11.68	38.72 1.84 -0.56	38.19 1.78 0.00	38.37 1.61 -1.80	39.68 1.73 0.00	48.32 1.48 0.00	45.04 1.14 0.00	52.83 1.64 0.00	52.87 1.81 0.00	39.98 1.23 0.00	39.79 1.28 0.00	37.55 1.75 0.00	38.79 1.90 0.00
NYPA____HOLTSVILL 23794	31.75 1.19 0.00	27.12 1.19 0.00	26.72 1.14 0.00	25.57 0.92 0.00	24.27 0.75 0.00	25.20 0.69 -0.05	25.24 0.58 -0.19	34.87 0.27 -1.55	31.82 0.51 0.00	24.98 0.67 0.00	41.36 1.19 -10.40	55.94 1.49 -17.44	64.55 1.21 -27.02	105.75 1.13 -68.21	72.19 1.14 -36.09	64.27 1.39 -24.93	50.52 1.37 -2.31	53.99 1.21 -8.87	52.92 1.73 0.00	52.97 1.91 0.00	39.25 1.14 0.65	45.36 1.01 -5.84	37.30 1.50 0.00	38.54 1.66 0.00
NYPA____HELLGATE_GT1 24158	32.06 1.50 0.00	27.23 1.30 0.00	26.88 1.30 0.00	25.81 1.16 0.00	24.47 0.95 0.00	25.51 1.00 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.54 1.23 0.00	25.46 1.15 0.00	31.59 1.58 -0.24	50.82 2.14 -11.68	38.77 1.89 -0.56	38.29 1.88 0.00	38.45 1.69 -1.80	39.76 1.82 0.00	48.46 1.62 0.00	45.25 1.34 0.00	53.01 1.82 0.00	53.02 1.97 0.00	40.09 1.33 0.00	39.90 1.39 0.00	37.75 1.94 0.00	38.96 2.08 0.00
NYPA____HELLGATE_GT2 24159	32.06 1.50 0.00	27.23 1.30 0.00	26.88 1.30 0.00	25.81 1.16 0.00	24.47 0.95 0.00	25.51 1.00 -0.05	25.66 1.00 -0.19	35.65 1.05 -1.55	32.54 1.23 0.00	25.46 1.15 0.00	31.59 1.58 -0.24	50.82 2.14 -11.68	38.77 1.89 -0.56	38.29 1.88 0.00	38.45 1.69 -1.80	39.76 1.82 0.00	48.46 1.62 0.00	45.25 1.34 0.00	53.01 1.82 0.00	53.02 1.97 0.00	40.09 1.33 0.00	39.90 1.39 0.00	37.75 1.94 0.00	38.96 2.08 0.00
NYS_BARGE____HYD 23848	31.86 0.66 -0.64	26.79 0.64 -0.22	26.18 0.53 -0.07	25.28 0.62 0.00	24.32 0.77 -0.03	25.29 0.79 -0.04	25.48 0.71 -0.29	34.55 0.66 -0.84	32.31 0.40 -0.60	24.51 0.21 0.00	30.47 0.51 -0.19	38.41 0.78 -0.62	37.75 0.60 -0.83	37.27 0.49 -0.36	36.71 0.84 -0.91	39.64 0.48 -1.21	49.24 0.26 -2.14	45.87 0.01 -1.95	53.74 -0.27 -2.82	52.89 -0.75 -2.59	39.04 -0.73 -1.02	39.68 0.13 -1.04	36.29 0.48 0.00	37.37 0.49 0.00
OAK ORCHARD____HYD 24046	31.74 0.54 -0.64	26.64 0.49 -0.22	26.07 0.42 -0.07	25.11 0.45 0.00	24.06 0.51 -0.03	25.03 0.53 -0.04	25.31 0.55 -0.28	34.48 0.60 -0.83	32.34 0.43 -0.59	24.57 0.27 0.00	30.45 0.50 -0.18	38.33 0.71 -0.61	37.82 0.68 -0.82	37.38 0.60 -0.36	36.66 0.80 -0.90	39.96 0.81 -1.20	49.95 0.98 -2.13	46.66 0.86 -1.89	54.92 0.99 -2.74	54.32 0.76 -2.51	40.09 0.34 -0.99	40.22 0.69 -1.01	36.54 0.73 0.00	37.53 0.64 0.00

OAKDALE___35_KV_LOAD 356122	31.53 0.18 -0.79	26.43 0.24 -0.27	25.86 0.20 -0.09	24.84 0.18 0.00	23.79 0.23 -0.04	24.72 0.20 -0.05	25.05 0.22 -0.35	34.18 0.10 -1.03	32.05 0.00 -0.73	24.23 -0.07 0.00	30.01 0.02 -0.23	37.90 0.13 -0.76	37.44 0.10 -1.01	36.82 -0.04 -0.45	36.19 0.11 -1.11	39.54 0.10 -1.48	49.78 0.31 -2.63	46.54 0.15 -2.48	55.21 0.43 -3.59	54.68 0.33 -3.29	40.14 0.08 -1.30	40.02 0.18 -1.33	36.14 0.33 0.00	37.14 0.26 0.00
OCC_CHEM___DRP 24175	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.08 0.43 0.00	24.13 0.58 -0.03	25.08 0.58 -0.04	25.28 0.52 -0.29	34.19 0.30 -0.83	32.01 0.10 -0.59	24.31 0.02 0.00	30.30 0.35 -0.18	38.17 0.55 -0.62	37.54 0.39 -0.82	36.99 0.22 -0.36	36.48 0.62 -0.90	39.32 0.16 -1.20	48.77 -0.20 -2.13	45.37 -0.48 -1.94	52.93 -1.07 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.45 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
OH_GEN_PROXY 24063	31.51 0.32 -0.63	26.53 0.39 -0.21	25.93 0.28 -0.07	25.05 0.39 0.00	24.09 0.54 -0.03	15.50 0.55 9.50	26.54 0.51 -1.56	34.96 0.42 -1.48	32.11 0.20 -0.59	24.40 0.10 0.00	30.40 0.44 -0.18	38.30 0.68 -0.61	37.64 0.50 -0.81	37.09 0.32 -0.36	34.98 0.70 0.69	39.44 0.30 -1.19	46.29 0.09 0.64	45.62 -0.22 -1.93	53.45 -0.53 -2.79	52.57 -1.04 -2.56	38.74 -1.03 -1.01	39.36 -0.18 -1.03	35.96 0.15 0.00	37.01 0.13 0.00
OLIN_CORP_DRP 24177	31.56 0.36 -0.64	26.52 0.38 -0.22	25.93 0.28 -0.07	25.05 0.40 0.00	24.12 0.57 -0.03	25.07 0.57 -0.04	25.24 0.48 -0.29	34.23 0.33 -0.84	32.01 0.10 -0.60	24.29 -0.02 0.00	30.22 0.26 -0.19	38.07 0.44 -0.62	37.42 0.27 -0.83	36.94 0.16 -0.36	36.39 0.52 -0.91	39.25 0.09 -1.21	48.70 -0.28 -2.14	45.30 -0.56 -1.95	53.03 -0.98 -2.83	52.15 -1.50 -2.60	38.53 -1.25 -1.02	39.18 -0.38 -1.05	35.89 0.08 0.00	36.99 0.11 0.00
OLIN_CORP_DSASP 323712	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.09 0.43 0.00	24.13 0.58 -0.03	25.09 0.59 -0.04	25.28 0.52 -0.29	34.18 0.29 -0.83	31.99 0.08 -0.59	24.32 0.02 0.00	30.30 0.35 -0.18	38.18 0.56 -0.62	37.53 0.39 -0.82	36.99 0.22 -0.36	36.49 0.62 -0.90	39.30 0.15 -1.20	48.76 -0.20 -2.13	45.36 -0.49 -1.94	52.92 -1.08 -2.81	51.89 -1.75 -2.58	38.27 -1.51 -1.02	39.10 -0.46 -1.04	35.76 -0.05 0.00	37.01 0.13 0.00
ONEIDA_HERK_LFGE 323681	31.81 0.87 -0.38	26.79 0.73 -0.13	26.28 0.66 -0.04	25.28 0.62 0.00	24.15 0.61 -0.02	25.15 0.67 -0.03	25.31 0.67 -0.17	34.32 0.77 -0.50	32.39 0.72 -0.35	24.80 0.50 0.00	30.32 0.44 -0.11	37.81 0.44 -0.37	37.22 0.41 -0.49	37.07 0.45 -0.21	35.98 0.48 -0.53	39.36 0.69 -0.71	49.17 1.07 -1.26	46.40 1.28 -1.21	54.59 1.66 -1.75	54.34 1.68 -1.60	40.30 0.91 -0.63	40.00 0.84 -0.65	36.46 0.65 0.00	37.31 0.43 0.00
ONEIDA___115KV_TB4 55905	31.93 0.79 -0.58	26.81 0.68 -0.20	26.29 0.65 -0.06	25.27 0.61 0.00	24.14 0.59 -0.03	25.13 0.64 -0.04	25.40 0.66 -0.26	34.61 0.79 -0.77	32.51 0.65 -0.54	24.72 0.42 0.00	30.32 0.38 -0.17	38.06 0.49 -0.57	37.56 0.48 -0.75	37.26 0.52 -0.33	36.37 0.57 -0.83	39.87 0.81 -1.11	49.99 1.19 -1.96	47.11 1.33 -1.87	55.62 1.73 -2.71	55.26 1.72 -2.48	40.82 1.08 -0.98	40.55 1.04 -1.00	36.75 0.94 0.00	37.70 0.82 0.00
ONONDAGA_REF_OCCRA 23987	31.85 0.10 -1.19	26.43 0.10 -0.40	25.78 0.08 -0.13	24.73 0.08 0.00	23.66 0.09 -0.05	24.63 0.09 -0.08	25.13 0.11 -0.54	34.65 0.04 -1.56	32.39 -0.04 -1.11	24.21 -0.09 0.00	29.99 -0.12 -0.34	38.03 -0.12 -1.15	37.76 -0.09 -1.53	36.99 -0.10 -0.68	36.64 0.00 -1.68	40.33 0.13 -2.24	51.09 0.27 -3.97	48.03 0.32 -3.80	57.17 0.48 -5.51	56.56 0.46 -5.04	40.92 0.17 -1.99	40.78 0.23 -2.04	36.07 0.26 0.00	37.08 0.19 0.00
ONONDAGA___COGEN 23986	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
ONTARIO___LFGE 23819	31.94 0.46 -0.93	26.76 0.52 -0.31	26.12 0.44 -0.10	25.08 0.43 0.00	24.06 0.50 -0.04	25.02 0.50 -0.06	25.44 0.54 -0.42	34.86 0.59 -1.22	32.52 0.34 -0.86	24.38 0.08 0.00	30.24 0.20 -0.27	38.10 0.19 -0.90	37.62 0.10 -1.19	36.91 -0.03 -0.53	36.59 0.31 -1.31	40.06 0.36 -1.75	50.67 0.73 -3.10	47.58 0.76 -2.91	56.55 1.14 -4.22	55.90 0.98 -3.87	40.76 0.48 -1.53	40.64 0.57 -1.56	36.38 0.57 0.00	37.41 0.52 0.00
ORANGEVILLE_WT_PWR 323706	31.80 0.54 -0.70	26.77 0.60 -0.24	26.12 0.47 -0.08	25.19 0.54 0.00	24.23 0.67 -0.03	25.16 0.66 -0.04	25.39 0.60 -0.31	34.52 0.55 -0.92	32.15 0.19 -0.65	24.33 0.03 0.00	30.11 0.14 -0.20	38.06 0.38 -0.68	37.50 0.27 -0.90	36.84 0.03 -0.40	36.37 0.42 -0.99	39.56 0.29 -1.32	49.62 0.44 -2.35	46.27 0.20 -2.16	54.51 0.19 -3.14	53.82 -0.11 -2.87	39.53 -0.36 -1.13	39.62 -0.04 -1.16	35.85 0.05 0.00	36.88 -0.01 0.00
ORANGEVILLE___ESR 323794	31.80 0.54 -0.70	26.77 0.60 -0.24	26.12 0.47 -0.08	25.19 0.54 0.00	24.23 0.67 -0.03	25.16 0.66 -0.04	25.39 0.60 -0.31	34.52 0.55 -0.92	32.15 0.19 -0.65	24.33 0.03 0.00	30.11 0.14 -0.20	38.06 0.38 -0.68	37.50 0.27 -0.90	36.84 0.03 -0.40	36.37 0.42 -0.99	39.56 0.29 -1.32	49.62 0.44 -2.35	46.27 0.20 -2.16	54.51 0.19 -3.14	53.82 -0.11 -2.87	39.53 -0.36 -1.13	39.62 -0.04 -1.16	35.85 0.05 0.00	36.88 -0.01 0.00
OSWEGATCHIE___HYD 24044	32.04 0.99 -0.49	26.84 0.75 -0.17	26.22 0.59 -0.05	25.19 0.54 0.00	24.10 0.56 -0.02	25.13 0.64 -0.03	25.37 0.67 -0.22	34.63 0.93 -0.64	32.69 0.92 -0.46	24.92 0.62 0.00	30.51 0.60 -0.14	37.92 0.43 -0.47	37.44 0.49 -0.63	37.16 0.46 -0.28	36.19 0.53 -0.69	39.52 0.64 -0.93	49.47 0.98 -1.64	46.68 1.21 -1.56	54.88 1.43 -2.27	54.52 1.39 -2.07	40.35 0.77 -0.82	40.11 0.76 -0.84	36.20 0.39 0.00	36.99 0.11 0.00
OSWEGO___5 23606	34.60 -0.52 -4.56	27.06 -0.41 -1.54	25.66 -0.42 -0.51	24.26 -0.40 0.00	23.36 -0.37 -0.21	24.36 -0.39 -0.30	26.14 -0.39 -2.05	38.41 -0.61 -5.97	34.94 -0.62 -4.24	23.78 -0.52 0.00	30.47 -0.62 -1.32	40.66 -0.75 -4.40	41.45 -0.74 -5.86	38.23 -0.77 -2.59	40.75 -0.66 -6.45	45.87 -0.68 -8.60	61.29 -0.79 -15.24	57.60 -0.74 -14.43	71.33 -0.77 -20.91	69.42 -0.80 -19.16	45.61 -0.70 -7.56	45.60 -0.64 -7.73	35.27 -0.54 0.00	36.30 -0.59 0.00
OSWEGO___6 23613	34.60 -0.52 -4.56	27.06 -0.41 -1.54	25.66 -0.42 -0.51	24.26 -0.40 0.00	23.36 -0.37 -0.21	24.36 -0.39 -0.30	26.14 -0.39 -2.05	38.41 -0.61 -5.97	34.94 -0.62 -4.24	23.78 -0.52 0.00	30.47 -0.62 -1.32	40.66 -0.75 -4.40	41.45 -0.74 -5.86	38.23 -0.77 -2.59	40.75 -0.66 -6.45	45.87 -0.68 -8.60	61.29 -0.79 -15.24	57.60 -0.74 -14.43	71.33 -0.77 -20.91	69.42 -0.80 -19.16	45.61 -0.70 -7.56	45.60 -0.64 -7.73	35.27 -0.54 0.00	36.30 -0.59 0.00

OUTOKUMPU-AB___DRP 24206	32.03 0.83 -0.64	26.93 0.79 -0.22	26.30 0.66 -0.07	25.39 0.74 0.00	24.43 0.88 -0.03	25.40 0.90 -0.04	25.62 0.85 -0.29	34.72 0.82 -0.84	32.48 0.57 -0.60	24.66 0.36 0.00	30.70 0.74 -0.19	38.70 1.07 -0.62	38.07 0.92 -0.83	37.54 0.77 -0.37	37.02 1.14 -0.91	39.96 0.79 -0.121	49.67 0.68 -0.215	46.24 0.37 -0.196	54.11 0.08 -0.284	53.17 -0.49 -0.260	39.21 -0.58 -1.03	39.86 0.30 -0.105	36.41 0.60 0.00	37.54 0.66 0.00
OXBOW___BTM 323836	31.79 0.59 -0.64	26.73 0.59 -0.22	26.11 0.47 -0.07	25.22 0.57 0.00	24.26 0.71 -0.03	25.23 0.73 -0.04	25.43 0.67 -0.29	34.41 0.52 -0.84	32.20 0.29 -0.60	24.48 0.18 0.00	30.48 0.53 -0.19	38.43 0.81 -0.62	37.79 0.65 -0.82	37.27 0.49 -0.36	36.75 0.88 -0.91	39.63 0.46 -0.121	49.22 0.24 -0.214	45.81 -0.06 -0.195	53.52 -0.50 -0.283	52.54 -1.11 -0.259	38.73 -1.06 -1.02	39.48 -0.08 -0.105	36.07 0.26 0.00	37.26 0.38 0.00
OXBOW___ 24026	31.79 0.59 -0.64	26.73 0.59 -0.22	26.11 0.47 -0.07	25.22 0.57 0.00	24.26 0.71 -0.03	25.22 0.72 -0.04	25.43 0.67 -0.29	34.43 0.54 -0.84	32.22 0.31 -0.60	24.47 0.17 0.00	30.49 0.53 -0.19	38.43 0.80 -0.62	37.79 0.65 -0.82	37.27 0.49 -0.36	36.75 0.88 -0.91	39.64 0.48 -0.121	49.23 0.25 -0.214	45.82 -0.04 -0.195	53.52 -0.50 -0.283	52.54 -1.11 -0.259	38.74 -1.05 -1.02	39.47 -0.09 -0.105	36.07 0.26 0.00	37.26 0.38 0.00
OXY_CHEM_DSASP 323612	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.08 0.43 0.00	24.13 0.58 -0.03	25.08 0.58 -0.04	25.28 0.52 -0.29	34.19 0.30 -0.83	32.01 0.10 -0.59	24.31 0.02 0.00	30.30 0.35 -0.18	38.17 0.55 -0.62	37.54 0.39 -0.82	36.99 0.22 -0.36	36.48 0.62 -0.90	39.32 0.16 -0.120	48.77 -0.20 -0.213	45.37 -0.48 -0.194	52.93 -1.07 -0.281	51.89 -1.75 -0.258	38.27 -1.51 -1.02	39.10 -0.45 -0.104	35.76 -0.05 0.00	37.01 0.13 0.00
OZONE_PARK_ESR 323760	32.43 1.87 0.00	27.57 1.64 0.00	27.18 1.61 0.00	26.08 1.43 0.00	24.75 1.23 0.00	25.80 1.29 -0.05	25.95 1.29 -0.19	36.01 1.41 -1.55	32.89 1.57 0.00	25.74 1.44 0.00	31.89 1.88 -0.24	51.18 2.50 -11.68	39.24 2.35 -0.56	38.69 2.28 0.00	38.88 2.11 -1.80	40.25 2.30 0.00	49.12 2.28 0.00	45.82 1.91 0.00	53.74 2.55 0.00	53.78 2.73 0.00	40.67 1.91 0.00	40.46 1.95 0.00	38.07 2.26 0.00	39.28 2.40 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.08 0.43 0.00	24.13 0.58 -0.03	25.08 0.58 -0.04	25.28 0.52 -0.29	34.19 0.30 -0.83	32.01 0.10 -0.59	24.31 0.02 0.00	30.30 0.35 -0.18	38.17 0.55 -0.62	37.54 0.39 -0.82	36.99 0.22 -0.36	36.48 0.62 -0.90	39.32 0.16 -0.120	48.77 -0.20 -0.213	45.37 -0.48 -0.194	52.93 -1.07 -0.281	51.89 -1.75 -0.258	38.27 -1.51 -1.02	39.10 -0.45 -0.104	35.76 -0.05 0.00	37.01 0.13 0.00
PACKARD__115KV_DUPONT_184 80571	31.58 0.38 -0.64	26.57 0.43 -0.22	25.96 0.31 -0.07	25.08 0.43 0.00	24.13 0.58 -0.03	25.08 0.58 -0.04	25.28 0.52 -0.29	34.19 0.30 -0.83	32.01 0.10 -0.59	24.31 0.02 0.00	30.30 0.35 -0.18	38.17 0.55 -0.62	37.54 0.39 -0.82	36.99 0.22 -0.36	36.48 0.62 -0.90	39.32 0.16 -0.120	48.77 -0.20 -0.213	45.37 -0.48 -0.194	52.93 -1.07 -0.281	51.89 -1.75 -0.258	38.27 -1.51 -1.02	39.10 -0.45 -0.104	35.76 -0.05 0.00	37.01 0.13 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	32.02 1.46 0.00	27.20 1.27 0.00	26.85 1.27 0.00	25.80 1.15 0.00	24.47 0.95 0.00	25.52 1.00 -0.05	25.66 1.00 -0.19	35.64 1.05 -1.55	32.54 1.22 0.00	25.45 1.15 0.00	31.54 1.52 -0.24	50.76 2.07 -11.68	38.74 1.86 -0.56	38.26 1.85 0.00	38.43 1.66 -1.80	39.73 1.78 0.00	48.47 1.63 0.00	45.26 1.35 0.00	53.07 1.89 0.00	53.11 2.06 0.00	40.17 1.41 0.00	39.98 1.47 0.00	37.69 1.88 0.00	38.89 2.01 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	32.87 2.31 0.00	27.92 2.00 0.00	27.57 1.99 0.00	26.50 1.85 0.00	25.12 1.60 0.00	26.20 1.69 -0.05	26.35 1.69 -0.19	36.60 2.00 -1.55	33.45 2.14 0.00	26.15 1.85 0.00	32.40 2.39 -0.24	51.83 3.14 -11.68	39.77 2.89 -0.56	39.28 2.87 0.00	39.43 2.66 -1.80	40.79 2.84 0.00	49.80 2.96 0.00	46.49 2.58 0.00	54.46 3.28 0.00	54.48 3.42 0.00	41.20 2.44 0.00	41.02 2.51 0.00	38.60 2.79 0.00	39.89 3.01 0.00
PATROON__115KV_TB1 80586	30.57 0.01 0.00	26.04 0.12 0.00	25.76 0.19 0.00	24.86 0.21 0.00	23.68 0.15 0.00	24.60 0.18 0.04	24.51 0.17 0.13	31.98 0.01 1.08	31.34 0.02 0.00	24.41 0.11 0.00	29.56 -0.04 0.17	28.80 -0.06 8.14	35.91 -0.03 0.39	36.43 0.01 0.00	33.50 -0.21 1.26	37.73 -0.22 0.00	46.55 -0.29 0.00	43.57 -0.34 0.00	50.89 -0.30 0.00	50.89 -0.16 0.00	38.67 -0.09 0.00	38.39 -0.12 0.00	35.84 0.03 0.00	36.92 0.04 0.00
PATTRSNVILLE___SOLAR 323815	31.30 0.74 0.00	26.60 0.68 0.00	26.28 0.71 0.00	25.33 0.68 0.00	24.14 0.62 0.00	25.06 0.64 0.03	24.99 0.63 0.11	32.80 0.66 0.92	31.77 0.45 0.00	24.53 0.23 0.00	29.71 0.09 0.15	30.12 0.04 6.93	36.17 0.18 0.33	36.73 0.31 0.00	33.96 0.07 1.07	38.15 0.19 0.00	47.23 0.39 0.00	44.72 0.81 0.00	52.41 1.22 0.00	52.40 1.34 0.00	39.75 0.99 0.00	39.48 0.97 0.00	36.80 0.99 0.00	37.89 1.01 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	31.82 0.61 -0.66	26.78 0.63 -0.22	26.14 0.49 -0.07	25.21 0.56 0.00	24.25 0.70 -0.03	25.21 0.70 -0.04	25.47 0.70 -0.30	34.65 0.74 -0.86	32.40 0.47 -0.61	24.59 0.29 0.00	30.63 0.67 -0.19	38.61 0.96 -0.63	37.97 0.81 -0.84	37.39 0.61 -0.37	36.87 0.98 -0.93	39.89 0.70 -0.124	49.81 0.78 -0.220	46.35 0.43 -0.201	54.47 0.38 -0.291	53.61 -0.11 -0.267	39.47 -0.34 -1.05	39.91 0.33 -1.08	36.39 0.58 0.00	37.34 0.45 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	31.91 1.35 0.00	27.16 1.23 0.00	26.81 1.24 0.00	25.75 1.09 0.00	24.45 0.93 0.00	25.48 0.97 -0.05	25.62 0.96 -0.18	35.56 1.00 -1.51	32.44 1.13 0.00	25.35 1.05 0.00	31.39 1.38 -0.24	50.28 1.82 -11.45	38.60 1.73 -0.55	38.14 1.73 0.00	38.29 1.56 -0.177	39.70 1.75 0.00	48.66 1.82 0.00	45.46 1.55 0.00	53.29 2.10 0.00	53.31 2.26 0.00	40.31 1.55 0.00	40.03 1.52 0.00	37.59 1.78 0.00	38.74 1.86 0.00
PEEKSKILL___ 23653	31.69 1.14 0.00	27.01 1.09 0.00	26.67 1.10 0.00	25.60 0.95 0.00	24.31 0.79 0.00	25.35 0.84 -0.05	25.48 0.82 -0.18	35.37 0.79 -1.52	32.25 0.93 0.00	25.21 0.90 0.00	31.21 1.20 -0.24	50.12 1.60 -11.51	38.38 1.50 -0.55	37.86 1.44 0.00	38.02 1.28 -0.178	39.37 1.42 0.00	48.16 1.33 0.00	44.98 1.07 0.00	52.77 1.58 0.00	52.79 1.74 0.00	39.92 1.16 0.00	39.67 1.16 0.00	37.30 1.50 0.00	38.49 1.61 0.00
PGE MADISON___WINDPWR 24146	33.26 1.91 -0.79	27.89 1.70 -0.27	27.28 1.62 -0.09	26.19 1.54 0.00	25.09 1.53 -0.04	26.12 1.61 -0.05	26.55 1.72 -0.36	36.27 2.18 -1.04	33.88 1.82 -0.74	25.43 1.13 0.00	31.13 1.13 -0.23	39.14 1.37 -0.77	38.77 1.42 -1.02	38.27 1.41 -0.45	37.46 1.37 -1.13	41.38 1.93 -0.150	52.55 3.06 -2.66	49.47 3.04 -2.52	59.00 4.16 -3.65	58.54 4.15 -3.34	42.91 2.83 -1.32	42.49 2.64 -1.35	38.15 2.35 0.00	39.20 2.32 0.00

PIERCEFIELD___HYD 23852	31.56 0.74 -0.26	26.51 0.49 -0.09	25.96 0.36 -0.03	24.96 0.31 0.00	23.89 0.36 -0.01	24.93 0.46 -0.02	25.10 0.51 -0.12	34.34 0.94 -0.34	32.49 0.93 -0.25	24.91 0.61 0.00	30.59 0.75 -0.08	37.93 0.66 -0.25	37.42 0.75 -0.34	37.33 0.77 -0.15	36.15 0.81 -0.37	39.24 0.79 -0.50	48.74 1.02 -0.88	45.73 0.98 -0.84	53.31 0.90 -1.22	52.98 0.81 -1.12	39.94 0.74 -0.44	39.72 0.76 -0.45	36.19 0.38 0.00	37.15 0.27 0.00
PINELAWN_CC_1 323563	31.95 1.39 0.00	27.26 1.33 0.00	26.85 1.28 0.00	25.70 1.05 0.00	24.39 0.87 0.00	25.34 0.82 -0.05	25.38 0.72 -0.19	35.11 0.51 -1.55	32.03 0.72 0.00	25.08 0.78 0.00	42.60 1.34 -11.49	57.46 1.69 -18.76	67.98 1.45 -30.21	113.81 1.35 -76.04	75.65 1.06 -39.62	67.24 1.14 -28.15	50.36 0.97 -2.55	54.42 0.71 -9.80	52.33 1.14 0.00	52.41 1.35 0.00	39.73 0.88 -0.09	46.02 0.89 -6.62	37.47 1.66 0.00	38.73 1.84 0.00
PJM_GEN_HTTP_PROXY 323702	32.01 1.45 0.00	28.68 1.29 -1.46	27.06 1.29 -0.20	25.79 1.14 0.00	24.47 0.95 0.00	21.27 1.00 4.19	29.90 0.99 -4.43	35.88 1.02 -1.80	32.50 1.18 0.00	25.43 1.13 0.00	31.78 1.50 -0.52	50.68 1.99 -11.68	38.54 1.87 -0.35	38.59 1.78 -0.40	38.62 1.63 -2.02	38.48 1.78 1.24	52.30 1.66 -3.80	45.12 1.32 0.11	53.03 1.85 0.00	53.06 2.01 0.00	40.14 1.38 0.00	39.91 1.40 0.00	37.58 1.77 0.00	38.78 1.90 0.00
PJM_GEN_KEystone 24065	31.39 0.43 -0.40	28.06 0.54 -1.59	26.38 0.51 -0.29	25.11 0.46 0.00	23.98 0.44 -0.02	20.76 0.49 4.19	29.48 0.49 -4.52	34.98 0.37 -1.56	32.95 0.32 -1.32	24.55 0.25 0.00	30.78 0.49 -0.51	44.11 0.80 -6.30	37.56 0.65 -0.59	37.51 0.47 -0.62	38.33 0.59 -2.78	37.93 0.48 0.50	52.97 0.42 -5.70	45.18 0.16 -1.12	53.47 0.49 -1.79	53.04 0.35 -1.64	39.43 0.03 -0.65	39.45 0.28 -0.66	36.47 0.66 0.00	37.53 0.64 0.00
PJM_GEN_NEPTUNE_PROXY 323594	31.69 1.13 0.00	28.48 1.09 -1.46	26.84 1.07 -0.20	25.51 0.86 0.00	24.21 0.69 0.00	20.92 0.65 4.19	29.46 0.56 -4.43	35.18 0.33 -1.80	31.85 0.54 0.00	24.97 0.67 0.00	40.89 1.16 -9.96	55.06 1.46 -16.60	62.28 1.23 -24.72	101.03 1.14 -63.47	69.95 1.01 -33.97	60.74 1.19 -21.60	53.85 1.06 -5.95	52.95 0.89 -8.15	52.53 1.33 0.00	52.54 1.49 0.00	38.54 0.90 1.11	44.70 0.85 -5.34	37.11 1.31 0.00	38.37 1.49 0.00
PJM_GEN_VFT_PROXY 323633	31.90 1.35 0.00	28.59 1.20 -1.46	26.97 1.20 -0.20	25.69 1.04 0.00	24.38 0.86 0.00	21.19 0.92 4.19	29.82 0.92 -4.43	35.76 0.91 -1.80	32.40 1.08 0.00	25.35 1.05 0.00	31.67 1.38 -0.52	50.54 1.85 -11.68	38.40 1.73 -0.35	38.44 1.64 -0.40	38.49 1.50 -2.02	38.34 1.63 1.24	52.09 1.45 -3.80	44.93 1.13 0.11	52.85 1.66 0.00	52.87 1.82 0.00	39.99 1.23 0.00	39.76 1.25 0.00	37.46 1.66 0.00	38.66 1.78 0.00
PLATSBRG_115KV_PMLD1 355749	31.74 1.18 0.00	26.62 0.70 0.00	26.25 0.68 0.00	25.25 0.60 0.00	24.12 0.59 0.00	25.39 0.93 0.00	25.50 1.03 0.00	34.42 1.36 0.00	32.51 1.20 0.00	25.21 0.90 0.00	30.83 1.06 0.00	38.20 1.19 0.00	37.52 1.20 0.00	37.71 1.29 0.00	36.13 1.16 0.00	39.17 1.22 0.00	48.39 1.55 0.00	45.64 1.73 0.00	52.72 1.53 0.00	52.34 1.28 0.00	39.56 0.79 0.00	39.14 0.63 0.00	36.14 0.33 0.00	37.06 0.18 0.00
PLEASANTVLY___LBMP 24000	31.44 0.88 0.00	26.78 0.86 0.00	26.45 0.88 0.00	25.41 0.76 0.00	24.15 0.63 0.00	25.17 0.65 -0.06	25.31 0.63 -0.20	35.26 0.54 -1.68	31.99 0.67 0.00	25.00 0.70 0.00	30.94 0.91 -0.26	50.90 1.22 -12.68	38.06 1.13 -0.61	37.53 1.12 0.00	37.86 0.94 -1.96	39.00 1.05 0.00	47.77 0.93 0.00	44.62 0.71 0.00	52.30 1.12 0.00	52.32 1.27 0.00	39.63 0.87 0.00	39.37 0.85 0.00	36.97 1.16 0.00	38.13 1.25 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	31.79 1.23 0.00	27.08 1.15 0.00	26.72 1.15 0.00	25.66 1.00 0.00	24.37 0.85 0.00	25.40 0.89 -0.05	25.54 0.87 -0.19	35.46 0.85 -1.55	32.31 0.99 0.00	25.27 0.97 0.00	31.29 1.28 -0.25	50.46 1.70 -11.74	38.48 1.59 -0.56	37.97 1.56 0.00	38.16 1.38 -1.81	39.48 1.53 0.00	48.30 1.46 0.00	45.09 1.18 0.00	52.87 1.68 0.00	52.88 1.83 0.00	40.00 1.25 0.00	39.75 1.24 0.00	37.39 1.58 0.00	38.57 1.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	31.79 1.23 0.00	27.08 1.15 0.00	26.72 1.15 0.00	25.66 1.00 0.00	24.37 0.85 0.00	25.40 0.89 -0.05	25.54 0.87 -0.19	35.46 0.85 -1.55	32.31 0.99 0.00	25.27 0.97 0.00	31.29 1.28 -0.25	50.46 1.70 -11.74	38.48 1.59 -0.56	37.97 1.56 0.00	38.16 1.38 -1.81	39.48 1.53 0.00	48.30 1.46 0.00	45.09 1.18 0.00	52.87 1.68 0.00	52.88 1.83 0.00	40.00 1.25 0.00	39.75 1.24 0.00	37.39 1.58 0.00	38.57 1.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	31.73 1.17 0.00	27.01 1.08 0.00	26.67 1.09 0.00	25.62 0.97 0.00	24.34 0.82 0.00	25.36 0.85 -0.05	25.49 0.83 -0.18	35.37 0.84 -1.48	32.26 0.94 0.00	25.19 0.89 0.00	31.14 1.14 -0.23	49.66 1.49 -11.16	38.26 1.40 -0.54	37.80 1.39 0.00	37.93 1.24 -1.72	39.37 1.42 0.00	48.33 1.49 0.00	45.19 1.28 0.00	52.99 1.80 0.00	53.03 1.98 0.00	40.13 1.37 0.00	39.84 1.33 0.00	37.38 1.57 0.00	38.51 1.63 0.00
POLETTI_____ 23519	27.48 1.22 4.30	25.86 1.06 1.13	25.96 1.06 0.67	25.58 0.94 0.01	24.25 0.73 0.00	25.20 0.76 0.01	24.91 0.75 0.32	26.18 0.70 7.57	26.18 0.90 6.03	25.22 0.94 0.03	31.27 1.51 0.02	51.51 2.13 -12.37	27.46 1.53 10.40	25.42 1.50 12.49	25.43 1.32 10.86	25.42 1.42 13.95	30.84 1.14 17.15	29.21 0.88 15.58	37.04 1.31 15.45	37.11 1.44 15.38	26.28 0.93 13.41	25.64 1.00 13.87	25.68 1.58 11.71	25.29 1.71 13.30
POMONA___ESR 323819	31.73 1.17 0.00	27.07 1.14 0.00	26.72 1.15 0.00	25.64 0.99 0.00	24.35 0.83 0.00	25.40 0.90 -0.05	25.60 0.95 -0.18	35.44 0.93 -1.46	32.32 1.00 0.00	25.25 0.95 0.00	31.24 1.24 -0.23	49.73 1.67 -11.05	38.44 1.58 -0.53	37.92 1.51 0.00	38.03 1.36 -1.71	39.47 1.53 0.00	48.32 1.48 0.00	45.11 1.20 0.00	52.95 1.77 0.00	52.96 1.91 0.00	40.02 1.26 0.00	39.77 1.26 0.00	37.39 1.59 0.00	38.57 1.68 0.00
PORT_JEFF_3 23555	31.79 1.23 0.00	27.17 1.25 0.00	26.77 1.20 0.00	25.62 0.97 0.00	24.31 0.79 0.00	25.25 0.73 -0.05	25.28 0.62 -0.19	34.93 0.33 -1.55	31.88 0.56 0.00	25.02 0.72 0.00	41.43 1.25 -10.41	56.04 1.57 -17.46	64.68 1.30 -27.05	105.95 1.23 -68.30	72.35 1.24 -36.14	64.42 1.50 -24.97	50.69 1.54 -2.31	54.16 1.36 -8.89	53.09 1.90 0.00	53.13 2.07 0.00	39.37 1.25 0.64	45.48 1.12 -5.85	37.41 1.60 0.00	38.64 1.76 0.00
PORT_JEFF_4 23616	31.79 1.23 0.00	27.17 1.25 0.00	26.77 1.20 0.00	25.62 0.97 0.00	24.31 0.79 0.00	25.25 0.73 -0.05	25.28 0.62 -0.19	34.93 0.33 -1.55	31.88 0.56 0.00	25.02 0.72 0.00	41.43 1.25 -10.41	56.04 1.57 -17.46	64.68 1.30 -27.05	105.95 1.23 -68.30	72.35 1.24 -36.14	64.42 1.50 -24.97	50.69 1.54 -2.31	54.16 1.36 -8.89	53.09 1.90 0.00	53.13 2.07 0.00	39.37 1.25 0.64	45.48 1.12 -5.85	37.41 1.60 0.00	38.64 1.76 0.00

PORT_JEFF_IC 23713	31.84 1.28 0.00	27.21 1.28 0.00	26.79 1.22 0.00	25.64 0.99 0.00	24.33 0.81 0.00	25.27 0.75 -0.05	25.30 0.64 -0.19	34.95 0.35 -1.55	31.90 0.58 0.00	25.05 0.75 0.00	41.51 1.29 -10.45	56.12 1.61 -17.50	64.83 1.34 -27.16	106.28 1.30 -68.57	72.54 1.31 -36.26	64.59 1.56 -25.08	50.80 1.63 -2.32	54.28 1.45 -8.92	53.19 2.00 0.00	53.23 2.17 0.00	39.46 1.32 0.61	45.56 1.17 -5.88	37.45 1.64 0.00	38.68 1.80 0.00
PPL PILGRIM_ST_GT1 24216	32.09 1.53 0.00	27.39 1.47 0.00	26.98 1.41 0.00	25.83 1.17 0.00	24.50 0.98 0.00	25.44 0.93 -0.05	25.48 0.82 -0.19	35.22 0.62 -1.55	32.14 0.82 0.00	25.19 0.89 0.00	41.86 1.50 -10.59	56.60 1.91 -17.68	65.52 1.62 -27.58	107.41 1.41 -69.58	72.86 1.18 -36.72	64.83 1.38 -25.50	50.75 1.56 -2.35	54.42 1.47 -9.03	53.33 2.14 0.00	53.43 2.37 0.00	39.74 1.49 0.51	45.88 1.40 -5.98	37.65 1.85 0.00	38.91 2.03 0.00
PPL PILGRIM_ST_GT2 24217	32.09 1.53 0.00	27.39 1.47 0.00	26.98 1.41 0.00	25.83 1.17 0.00	24.50 0.98 0.00	25.44 0.93 -0.05	25.48 0.82 -0.19	35.22 0.62 -1.55	32.14 0.82 0.00	25.19 0.89 0.00	41.86 1.50 -10.59	56.60 1.91 -17.68	65.52 1.62 -27.58	107.41 1.41 -69.58	72.86 1.18 -36.72	64.83 1.38 -25.50	50.75 1.56 -2.35	54.42 1.47 -9.03	53.33 2.14 0.00	53.43 2.37 0.00	39.74 1.49 0.51	45.88 1.40 -5.98	37.65 1.85 0.00	38.91 2.03 0.00
PPL_SHRM_GT3 24213	31.51 0.96 0.00	26.91 0.98 0.00	26.51 0.94 0.00	25.37 0.72 0.00	24.09 0.56 0.00	25.02 0.50 -0.05	25.05 0.39 -0.19	34.60 0.01 -1.55	31.58 0.27 0.00	24.80 0.49 0.00	41.13 0.93 -10.43	55.63 1.14 -17.48	64.32 0.89 -27.11	105.69 0.84 -68.43	72.10 0.94 -36.20	64.21 1.24 -25.03	50.34 1.19 -2.32	53.86 1.05 -8.90	52.73 1.54 0.00	52.79 1.73 0.00	39.10 0.97 0.63	45.18 0.81 -5.87	37.12 1.31 0.00	38.31 1.43 0.00
PPL_SHRM_GT4 24214	31.51 0.96 0.00	26.91 0.98 0.00	26.51 0.94 0.00	25.37 0.72 0.00	24.09 0.56 0.00	25.02 0.50 -0.05	25.05 0.39 -0.19	34.60 0.01 -1.55	31.58 0.27 0.00	24.80 0.49 0.00	41.13 0.93 -10.43	55.63 1.14 -17.48	64.32 0.89 -27.11	105.69 0.84 -68.43	72.10 0.94 -36.20	64.21 1.24 -25.03	50.34 1.19 -2.32	53.86 1.05 -8.90	52.73 1.54 0.00	52.79 1.73 0.00	39.10 0.97 0.63	45.18 0.81 -5.87	37.12 1.31 0.00	38.31 1.43 0.00
PROJECT___ORANGE 1 24174	31.51 -0.13 -1.08	26.21 -0.08 -0.37	25.59 -0.10 -0.12	24.56 -0.10 0.00	23.50 -0.07 -0.05	24.45 -0.08 -0.07	24.90 -0.07 -0.49	34.27 -0.21 -1.42	32.07 -0.26 -1.01	24.05 -0.25 0.00	29.80 -0.28 -0.31	37.74 -0.31 -1.05	37.43 -0.28 -1.40	36.71 -0.31 -0.61	36.29 -0.21 -1.53	39.87 -0.12 -2.05	50.38 -0.09 -3.63	47.31 -0.05 -3.46	56.23 0.04 -5.01	55.64 -0.01 -4.59	40.41 -0.16 -1.81	40.27 -0.09 -1.85	35.79 -0.02 0.00	36.80 -0.08 0.00
PROJECT___ORANGE 2 24166	31.51 -0.13 -1.08	26.21 -0.08 -0.37	25.59 -0.10 -0.12	24.56 -0.10 0.00	23.50 -0.07 -0.05	24.45 -0.08 -0.07	24.90 -0.07 -0.49	34.27 -0.21 -1.42	32.07 -0.26 -1.01	24.05 -0.25 0.00	29.80 -0.28 -0.31	37.74 -0.31 -1.05	37.43 -0.28 -1.40	36.71 -0.31 -0.61	36.29 -0.21 -1.53	39.87 -0.12 -2.05	50.38 -0.09 -3.63	47.31 -0.05 -3.46	56.23 0.04 -5.01	55.64 -0.01 -4.59	40.41 -0.16 -1.81	40.27 -0.09 -1.85	35.79 -0.02 0.00	36.80 -0.08 0.00
PUCKETT___SOLAR 323809	31.90 0.58 -0.76	26.77 0.58 -0.26	26.20 0.54 -0.09	25.16 0.50 0.00	24.09 0.53 -0.04	25.04 0.53 -0.05	25.38 0.56 -0.34	34.62 0.57 -1.00	32.44 0.42 -0.71	24.49 0.19 0.00	30.26 0.27 -0.22	38.11 0.37 -0.74	37.58 0.27 -0.98	36.81 -0.03 -0.43	36.23 0.18 -1.08	39.79 0.41 -1.44	50.17 0.78 -2.55	47.06 0.75 -2.40	55.95 1.28 -3.48	55.47 1.22 -3.19	40.74 0.72 -1.26	40.52 0.72 -1.29	36.58 0.77 0.00	37.65 0.77 0.00
PYRITES___HYD 24023	31.98 1.18 -0.24	26.86 0.85 -0.08	26.30 0.70 -0.03	25.28 0.63 0.00	24.21 0.67 -0.01	25.26 0.79 -0.02	25.45 0.86 -0.11	34.84 1.46 -0.32	32.94 1.40 -0.23	25.20 0.90 0.00	30.86 1.02 -0.07	38.08 0.83 -0.24	37.53 0.89 -0.32	37.56 1.01 -0.14	36.32 1.01 -0.35	39.32 0.91 -0.46	49.21 1.55 -0.82	46.23 1.54 -0.78	54.13 1.81 -1.13	53.91 1.82 -1.04	40.72 1.55 -0.41	40.41 1.48 -0.42	36.80 0.99 0.00	37.77 0.89 0.00
QUAKERRD_115KV_BK1 80622	30.98 -0.24 -0.66	25.98 -0.17 -0.22	25.43 -0.22 -0.07	24.48 -0.17 0.00	23.45 -0.11 -0.03	24.39 -0.12 -0.04	24.68 -0.09 -0.30	33.68 -0.24 -0.86	31.60 -0.33 -0.61	23.98 -0.32 0.00	29.71 -0.25 -0.19	37.40 -0.24 -0.64	36.91 -0.26 -0.85	36.46 -0.33 -0.37	35.79 -0.11 -0.93	39.05 -0.14 -1.24	48.84 -0.20 -2.21	45.72 -0.20 -2.01	53.88 -0.23 -2.92	53.31 -0.42 -2.67	39.28 -0.54 -1.06	39.33 -0.26 -1.08	35.64 -0.17 0.00	36.60 -0.28 0.00
QUENSBRY_115KV_TB8 356137	31.47 0.91 0.00	26.83 0.90 0.00	26.52 0.95 0.00	25.52 0.87 0.00	24.33 0.81 0.00	25.34 0.92 0.04	25.35 1.02 0.15	32.81 1.03 1.27	32.13 0.82 0.00	25.05 0.75 0.00	30.12 0.55 0.20	27.97 0.59 9.63	36.48 0.62 0.46	37.20 0.79 0.00	34.07 0.59 1.49	38.60 0.65 0.00	47.99 1.15 0.00	45.43 1.52 0.00	52.99 1.81 0.00	52.92 1.87 0.00	40.25 1.50 0.00	39.93 1.42 0.00	37.14 1.34 0.00	38.22 1.34 0.00
RAMAPO___LBMP 323565	31.58 1.02 0.00	26.94 1.01 0.00	26.61 1.04 0.00	25.54 0.89 0.00	24.25 0.73 0.00	25.30 0.79 -0.05	25.43 0.78 -0.17	35.23 0.73 -1.45	32.19 0.88 0.00	25.15 0.85 0.00	31.09 1.10 -0.23	49.43 1.50 -10.93	38.23 1.38 -0.52	37.71 1.30 0.00	37.81 1.16 -1.69	39.24 1.29 0.00	48.05 1.21 0.00	44.87 0.96 0.00	52.69 1.50 0.00	52.69 1.63 0.00	39.82 1.06 0.00	39.58 1.07 0.00	37.22 1.41 0.00	38.40 1.51 0.00
RANKINE___ 23646	32.03 0.82 -0.65	26.94 0.80 -0.22	26.31 0.66 -0.07	25.38 0.73 0.00	24.42 0.87 -0.03	25.38 0.88 -0.04	25.62 0.85 -0.29	34.82 0.92 -0.86	32.53 0.61 -0.61	24.71 0.41 0.00	30.76 0.80 -0.19	38.80 1.16 -0.63	38.18 1.02 -0.84	37.58 0.80 -0.37	37.07 1.18 -0.92	40.07 0.89 -1.23	49.98 0.95 -2.19	46.53 0.62 -2.00	54.61 0.53 -2.90	53.75 0.04 -2.65	39.58 -0.23 -1.05	40.06 0.48 -1.07	36.50 0.69 0.00	37.50 0.61 0.00
RAVENSWOOD_GT2_1 24244	32.02 1.46 0.00	27.24 1.31 0.00	26.88 1.31 0.00	25.80 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.04 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.54 1.53 -0.24	50.72 2.04 -11.68	38.78 1.89 -0.56	38.23 1.82 0.00	38.42 1.66 -1.80	39.75 1.80 0.00	48.50 1.67 0.00	45.25 1.34 0.00	53.07 1.88 0.00	53.10 2.05 0.00	40.16 1.40 0.00	39.94 1.43 0.00	37.61 1.80 0.00	38.82 1.94 0.00
RAVENSWOOD_GT2_2 24245	32.02 1.46 0.00	27.24 1.31 0.00	26.88 1.31 0.00	25.80 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.04 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.54 1.53 -0.24	50.72 2.04 -11.68	38.78 1.89 -0.56	38.23 1.82 0.00	38.42 1.66 -1.80	39.75 1.80 0.00	48.50 1.67 0.00	45.25 1.34 0.00	53.07 1.88 0.00	53.10 2.05 0.00	40.16 1.40 0.00	39.94 1.43 0.00	37.61 1.80 0.00	38.82 1.94 0.00



RAVENSWOOD_GT2_3 24246	32.03 1.47 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.05 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.74 2.06 -11.68	38.80 1.91 -0.56	38.25 1.84 0.00	38.45 1.68 -1.80	39.77 1.82 0.00	48.54 1.71 0.00	45.28 1.37 0.00	53.10 1.91 0.00	53.13 2.07 0.00	40.18 1.42 0.00	39.96 1.45 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT2_4 24247	32.03 1.47 0.00	27.25 1.32 0.00	26.89 1.32 0.00	25.81 1.16 0.00	24.50 0.98 0.00	25.54 1.03 -0.05	25.69 1.02 -0.19	35.65 1.05 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.74 2.06 -11.68	38.80 1.91 -0.56	38.25 1.84 0.00	38.45 1.68 -1.80	39.77 1.82 0.00	48.54 1.71 0.00	45.28 1.37 0.00	53.10 1.91 0.00	53.13 2.07 0.00	40.18 1.42 0.00	39.96 1.45 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT3_1 24248	32.02 1.47 0.00	27.24 1.31 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.04 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.54 1.53 -0.24	50.73 2.04 -11.68	38.78 1.89 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.75 1.80 0.00	48.50 1.67 0.00	45.25 1.34 0.00	53.07 1.88 0.00	53.10 2.05 0.00	40.16 1.40 0.00	39.94 1.43 0.00	37.61 1.81 0.00	38.82 1.94 0.00
RAVENSWOOD_GT3_2 24249	32.02 1.47 0.00	27.24 1.31 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.04 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.54 1.53 -0.24	50.73 2.04 -11.68	38.78 1.89 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.75 1.80 0.00	48.50 1.67 0.00	45.25 1.34 0.00	53.07 1.88 0.00	53.10 2.05 0.00	40.16 1.40 0.00	39.94 1.43 0.00	37.61 1.81 0.00	38.82 1.94 0.00
RAVENSWOOD_GT3_3 24250	32.07 1.51 0.00	27.29 1.36 0.00	26.92 1.35 0.00	25.84 1.19 0.00	24.53 1.01 0.00	25.57 1.06 -0.05	25.71 1.05 -0.19	35.69 1.09 -1.55	32.57 1.26 0.00	25.49 1.19 0.00	31.60 1.59 -0.24	50.80 2.11 -11.68	38.86 1.97 -0.56	38.30 1.89 0.00	38.50 1.73 -1.80	39.82 1.88 0.00	48.60 1.76 0.00	45.34 1.43 0.00	53.17 1.99 0.00	53.21 2.15 0.00	40.23 1.48 0.00	40.01 1.50 0.00	37.68 1.87 0.00	38.88 2.00 0.00
RAVENSWOOD_GT3_4 24251	32.07 1.51 0.00	27.29 1.36 0.00	26.92 1.35 0.00	25.84 1.19 0.00	24.53 1.01 0.00	25.57 1.06 -0.05	25.71 1.05 -0.19	35.69 1.09 -1.55	32.57 1.26 0.00	25.49 1.19 0.00	31.60 1.59 -0.24	50.80 2.11 -11.68	38.86 1.97 -0.56	38.30 1.89 0.00	38.50 1.73 -1.80	39.82 1.88 0.00	48.60 1.76 0.00	45.34 1.43 0.00	53.17 1.99 0.00	53.21 2.15 0.00	40.23 1.48 0.00	40.01 1.50 0.00	37.68 1.87 0.00	38.88 2.00 0.00
RAVENSWOOD_GT_1 23729	32.00 1.44 0.00	27.23 1.30 0.00	26.87 1.30 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.67 1.01 -0.19	35.63 1.03 -1.55	32.53 1.22 0.00	25.48 1.17 0.00	31.56 1.55 -0.24	50.76 2.08 -11.68	38.80 1.91 -0.56	38.26 1.85 0.00	38.44 1.67 -1.80	39.75 1.81 0.00	48.41 1.57 0.00	45.14 1.23 0.00	52.93 1.74 0.00	52.96 1.91 0.00	40.05 1.29 0.00	39.86 1.35 0.00	37.61 1.80 0.00	38.85 1.97 0.00
RAVENSWOOD_GT_10 24258	32.03 1.47 0.00	27.24 1.32 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.05 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.55 1.53 -0.24	50.73 2.05 -11.68	38.79 1.91 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.76 1.81 0.00	48.53 1.69 0.00	45.28 1.37 0.00	53.08 1.89 0.00	53.12 2.06 0.00	40.17 1.41 0.00	39.95 1.44 0.00	37.62 1.81 0.00	38.83 1.94 0.00
RAVENSWOOD_GT_11 24259	32.03 1.47 0.00	27.24 1.32 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.05 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.55 1.53 -0.24	50.73 2.05 -11.68	38.79 1.91 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.76 1.81 0.00	48.53 1.69 0.00	45.28 1.37 0.00	53.08 1.89 0.00	53.12 2.06 0.00	40.17 1.41 0.00	39.95 1.44 0.00	37.62 1.81 0.00	38.83 1.94 0.00
RAVENSWOOD_GT_4 24252	32.04 1.49 0.00	27.26 1.33 0.00	26.90 1.32 0.00	25.82 1.17 0.00	24.51 0.99 0.00	25.55 1.03 -0.05	25.69 1.03 -0.19	35.66 1.06 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.75 2.06 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.45 1.68 -1.80	39.79 1.84 0.00	48.59 1.75 0.00	45.33 1.42 0.00	53.15 1.96 0.00	53.17 2.12 0.00	40.22 1.46 0.00	39.98 1.47 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT_5 24254	32.04 1.49 0.00	27.26 1.33 0.00	26.90 1.32 0.00	25.82 1.17 0.00	24.51 0.99 0.00	25.55 1.03 -0.05	25.69 1.03 -0.19	35.66 1.06 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.75 2.06 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.45 1.68 -1.80	39.79 1.84 0.00	48.59 1.75 0.00	45.33 1.42 0.00	53.15 1.96 0.00	53.17 2.12 0.00	40.22 1.46 0.00	39.98 1.47 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT_6 24253	32.04 1.49 0.00	27.26 1.33 0.00	26.90 1.32 0.00	25.82 1.17 0.00	24.51 0.99 0.00	25.55 1.03 -0.05	25.69 1.03 -0.19	35.66 1.06 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.75 2.06 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.45 1.68 -1.80	39.79 1.84 0.00	48.59 1.75 0.00	45.33 1.42 0.00	53.15 1.96 0.00	53.17 2.12 0.00	40.22 1.46 0.00	39.98 1.47 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT_7 24255	32.04 1.49 0.00	27.26 1.33 0.00	26.90 1.32 0.00	25.82 1.17 0.00	24.51 0.99 0.00	25.55 1.03 -0.05	25.69 1.03 -0.19	35.66 1.06 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.55 1.54 -0.24	50.75 2.06 -11.68	38.80 1.92 -0.56	38.26 1.85 0.00	38.45 1.68 -1.80	39.79 1.84 0.00	48.59 1.75 0.00	45.33 1.42 0.00	53.15 1.96 0.00	53.17 2.12 0.00	40.22 1.46 0.00	39.98 1.47 0.00	37.64 1.83 0.00	38.84 1.96 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	32.03 1.47 0.00	27.24 1.32 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.05 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.55 1.53 -0.24	50.73 2.05 -11.68	38.79 1.91 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.76 1.81 0.00	48.53 1.69 0.00	45.28 1.37 0.00	53.08 1.89 0.00	53.12 2.06 0.00	40.17 1.41 0.00	39.95 1.44 0.00	37.62 1.81 0.00	38.83 1.94 0.00
RAVENSWOOD_GT_9 24257	32.03 1.47 0.00	27.24 1.32 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.64 1.05 -1.55	32.52 1.21 0.00	25.45 1.15 0.00	31.55 1.53 -0.24	50.73 2.05 -11.68	38.79 1.91 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.76 1.81 0.00	48.53 1.69 0.00	45.28 1.37 0.00	53.08 1.89 0.00	53.12 2.06 0.00	40.17 1.41 0.00	39.95 1.44 0.00	37.62 1.81 0.00	38.83 1.94 0.00

RAVENSWOOD___1 23533	31.95 1.40 0.00	27.18 1.26 0.00	26.83 1.26 0.00	25.76 1.11 0.00	24.44 0.92 0.00	25.48 0.97 -0.05	25.62 0.96 -0.19	35.57 0.98 -1.55	32.48 1.16 0.00	25.42 1.12 0.00	31.50 1.49 -0.24	50.67 1.98 -11.68	38.71 1.83 -0.56	38.18 1.77 0.00	38.37 1.60 -1.80	39.67 1.72 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.84 1.65 0.00	52.89 1.83 0.00	40.00 1.24 0.00	39.80 1.29 0.00	37.54 1.74 0.00	38.77 1.89 0.00
RAVENSWOOD___2 23534	31.82 1.26 0.00	27.14 1.22 0.00	26.79 1.22 0.00	25.72 1.07 0.00	24.41 0.88 0.00	25.45 0.93 -0.05	25.59 0.92 -0.19	35.52 0.92 -1.55	32.43 1.12 0.00	25.39 1.08 0.00	31.46 1.44 -0.24	50.57 1.88 -11.68	38.63 1.75 -0.56	38.07 1.66 0.00	38.29 1.52 -1.80	39.54 1.59 0.00	48.03 1.19 0.00	44.70 0.80 0.00	52.42 1.24 0.00	52.48 1.42 0.00	39.72 0.96 0.00	39.54 1.03 0.00	37.40 1.60 0.00	38.67 1.78 0.00
RAVENSWOOD___3 23535	32.02 1.47 0.00	27.24 1.31 0.00	26.88 1.31 0.00	25.81 1.15 0.00	24.49 0.97 0.00	25.53 1.02 -0.05	25.68 1.02 -0.19	35.65 1.05 -1.55	32.53 1.22 0.00	25.45 1.15 0.00	31.54 1.53 -0.24	50.72 2.03 -11.68	38.78 1.90 -0.56	38.23 1.82 0.00	38.43 1.66 -1.80	39.76 1.81 0.00	48.51 1.67 0.00	45.26 1.34 0.00	53.07 1.89 0.00	53.11 2.05 0.00	40.17 1.41 0.00	39.93 1.42 0.00	37.62 1.81 0.00	38.82 1.94 0.00
RAVENSWOOD___4 23820	31.95 1.40 0.00	27.18 1.26 0.00	26.83 1.26 0.00	25.76 1.11 0.00	24.44 0.92 0.00	25.48 0.97 -0.05	25.62 0.96 -0.19	35.57 0.98 -1.55	32.48 1.16 0.00	25.42 1.12 0.00	31.50 1.49 -0.24	50.67 1.98 -11.68	38.71 1.83 -0.56	38.18 1.77 0.00	38.37 1.60 -1.80	39.67 1.72 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.84 1.65 0.00	52.89 1.83 0.00	40.00 1.24 0.00	39.80 1.29 0.00	37.54 1.74 0.00	38.77 1.89 0.00
RCPL_TRUST___DRP 24196	32.07 1.51 0.00	27.26 1.34 0.00	26.90 1.33 0.00	25.83 1.18 0.00	24.51 0.98 0.00	25.55 1.04 -0.05	25.69 1.03 -0.19	35.66 1.06 -1.55	32.55 1.23 0.00	25.47 1.17 0.00	31.57 1.56 -0.24	50.77 2.08 -11.68	38.83 1.95 -0.56	38.27 1.86 0.00	38.47 1.70 -1.80	39.79 1.85 0.00	48.57 1.73 0.00	45.30 1.39 0.00	53.12 1.93 0.00	53.15 2.10 0.00	40.19 1.43 0.00	39.96 1.46 0.00	37.64 1.83 0.00	38.85 1.96 0.00
RED___ROCHESTER 323720	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.64 -0.04	25.43 0.67 -0.28	34.64 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.07 0.95 -0.80	37.64 0.88 -0.35	36.92 1.07 -0.88	40.27 1.14 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.66 -0.97	40.51 1.00 -0.99	36.80 1.00 0.00	37.77 0.88 0.00
REGAN___SOLAR 323812	32.05 1.50 0.00	27.18 1.26 0.00	26.83 1.26 0.00	25.86 1.21 0.00	24.65 1.13 0.00	25.61 1.19 0.03	25.59 1.21 0.10	33.69 1.47 0.82	32.32 1.00 0.00	24.72 0.42 0.00	29.42 -0.22 0.13	30.37 -0.39 6.24	35.87 -0.16 0.30	36.65 0.24 0.00	33.75 -0.26 0.96	37.99 0.04 0.00	47.54 0.70 0.00	45.78 1.87 0.00	53.98 2.79 0.00	53.98 2.93 0.00	40.91 2.15 0.00	40.62 2.11 0.00	37.76 1.96 0.00	38.80 1.91 0.00
RENSSELAER___COGEN 23796	30.37 -0.19 0.00	25.90 -0.03 0.00	25.63 0.06 0.00	24.73 0.08 0.00	23.55 0.03 0.00	24.45 0.03 0.04	24.38 0.03 0.12	31.84 -0.17 1.03	31.18 -0.14 0.00	24.28 -0.02 0.00	29.39 -0.22 0.16	28.90 -0.31 7.79	35.64 -0.30 0.37	36.14 -0.27 0.00	33.29 -0.48 1.20	37.42 -0.53 0.00	46.12 -0.71 0.00	43.17 -0.74 0.00	50.41 -0.78 0.00	50.44 -0.62 0.00	38.34 -0.42 0.00	38.07 -0.45 0.00	35.55 -0.26 0.00	36.63 -0.25 0.00
REPUBLIC_115KV_BARTNBK 55605	33.05 2.49 0.00	28.12 2.19 0.00	27.81 2.24 0.00	26.74 2.09 0.00	25.55 2.03 0.00	26.75 2.33 0.05	26.90 2.58 0.16	34.71 2.95 1.29	33.59 2.27 0.00	26.25 1.95 0.00	31.38 1.81 0.20	29.14 1.90 9.77	37.76 1.90 0.47	38.83 2.42 0.00	35.65 2.19 1.51	40.53 2.58 0.00	50.61 3.77 0.00	48.25 4.34 0.00	55.93 4.74 0.00	55.75 4.69 0.00	42.65 3.89 0.00	42.28 3.77 0.00	39.19 3.39 0.00	40.35 3.47 0.00
REVERE_CPPR_DRP 24186	32.17 1.09 -0.52	27.03 0.93 -0.18	26.50 0.86 -0.06	25.47 0.82 0.00	24.34 0.80 -0.02	25.34 0.85 -0.03	25.59 0.88 -0.24	34.80 1.07 -0.69	32.73 0.93 -0.49	24.90 0.60 0.00	30.50 0.58 -0.15	38.20 0.69 -0.51	37.66 0.66 -0.67	37.41 0.70 -0.30	36.44 0.73 -0.74	40.00 1.06 -0.99	50.18 1.59 -1.75	47.33 1.75 -1.67	55.86 2.25 -2.42	55.52 2.24 -2.22	41.03 1.39 -0.88	40.74 1.33 -0.90	36.98 1.18 0.00	37.88 1.00 0.00
REYNLDPA_13_KV_LD 356490	30.97 0.41 0.00	26.18 0.25 0.00	25.74 0.17 0.00	24.80 0.15 0.00	23.71 0.19 0.00	24.69 0.23 0.00	24.75 0.27 0.00	33.69 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.36 0.59 0.00	37.69 0.68 0.00	37.01 0.68 0.00	37.10 0.68 0.00	35.71 0.75 0.00	38.68 0.73 0.00	47.76 0.93 0.00	44.83 0.92 0.00	51.93 0.74 0.00	51.68 0.62 0.00	39.47 0.71 0.00	39.11 0.60 0.00	36.09 0.28 0.00	37.15 0.26 0.00
REYNOLDS_115KV_TB3 80639	30.55 -0.01 0.00	26.05 0.13 0.00	25.79 0.21 0.00	24.87 0.21 0.00	23.67 0.15 0.00	24.57 0.16 0.04	24.49 0.17 0.15	31.79 0.00 1.26	31.34 0.02 0.00	24.45 0.14 0.00	29.57 0.00 0.20	27.44 -0.02 9.54	35.85 -0.02 0.46	36.47 0.06 0.00	33.30 -0.19 1.47	37.74 -0.21 0.00	46.49 -0.35 0.00	43.48 -0.43 0.00	50.76 -0.43 0.00	50.79 -0.26 0.00	38.64 -0.12 0.00	38.37 -0.14 0.00	35.84 0.03 0.00	36.96 0.08 0.00
RIVERBAY____ 323610	32.87 2.31 0.00	27.92 2.00 0.00	27.57 1.99 0.00	26.50 1.85 0.00	25.12 1.60 0.00	26.20 1.69 -0.05	26.35 1.69 -0.19	36.60 2.00 -1.55	33.45 2.14 0.00	26.15 1.85 0.00	32.40 2.39 -0.24	51.83 3.14 -11.68	39.77 2.89 -0.56	39.28 2.87 0.00	39.43 2.66 -1.80	40.79 2.84 0.00	49.80 2.96 0.00	46.49 2.58 0.00	54.46 3.28 0.00	54.48 3.42 0.00	41.20 2.44 0.00	41.02 2.51 0.00	38.60 2.79 0.00	39.89 3.01 0.00
RIVERSDE_115KV_TB3 55908	30.49 -0.07 0.00	25.99 0.07 0.00	25.72 0.15 0.00	24.82 0.16 0.00	23.63 0.11 0.00	24.53 0.11 0.04	24.46 0.12 0.14	31.84 -0.06 1.15	31.28 -0.04 0.00	24.38 0.08 0.00	29.51 -0.08 0.18	28.15 -0.13 8.73	35.80 -0.10 0.42	36.37 -0.05 0.00	33.34 -0.28 1.35	37.64 -0.31 0.00	46.40 -0.44 0.00	43.41 -0.49 0.00	50.69 -0.49 0.00	50.71 -0.35 0.00	38.55 -0.21 0.00	38.28 -0.23 0.00	35.76 -0.05 0.00	36.85 -0.03 0.00
ROARING___BROOK_WT_PWR 323790	30.54 -0.02 0.00	25.95 0.03 0.00	25.57 0.00 0.00	24.65 0.00 0.00	23.52 0.00 0.00	24.47 0.02 0.00	24.44 -0.04 0.00	32.97 -0.08 0.00	31.33 0.01 0.00	24.34 0.04 0.00	29.80 0.03 0.00	37.00 -0.02 0.00	36.26 -0.07 0.00	36.34 -0.07 0.00	35.00 0.03 0.00	37.93 -0.02 0.00	46.81 -0.03 0.00	43.94 0.03 0.00	51.10 -0.08 0.00	50.73 -0.33 0.00	38.51 -0.25 0.00	38.15 -0.36 0.00	35.34 -0.46 0.00	36.29 -0.60 0.00

ROCHESRG_115KV_T4 355643	31.58 0.41 -0.61	26.53 0.39 -0.21	25.97 0.33 -0.07	25.02 0.37 0.00	23.97 0.42 -0.03	24.93 0.43 -0.04	25.20 0.45 -0.27	34.32 0.47 -0.80	32.20 0.32 -0.57	24.47 0.17 0.00	30.33 0.39 -0.18	38.16 0.56 -0.59	37.64 0.53 -0.78	37.20 0.45 -0.34	36.47 0.65 -0.86	39.74 0.64 -1.15	49.62 0.74 -2.04	46.36 0.63 -1.82	54.55 0.72 -2.64	53.95 0.48 -2.42	39.85 0.14 -0.95	39.99 0.50 -0.98	36.37 0.56 0.00	37.36 0.48 0.00
ROCHESTER_9_IC 23652	31.77 0.59 -0.62	26.67 0.53 -0.21	26.10 0.46 -0.07	25.14 0.49 0.00	24.09 0.54 -0.03	25.06 0.56 -0.04	25.33 0.58 -0.28	34.51 0.65 -0.82	32.38 0.48 -0.58	24.61 0.31 0.00	30.50 0.55 -0.18	38.39 0.78 -0.60	37.88 0.75 -0.80	37.45 0.68 -0.35	36.72 0.88 -0.88	40.04 0.91 -1.18	50.01 1.09 -2.08	46.73 0.96 -1.86	54.98 1.10 -2.69	54.39 0.87 -2.47	40.15 0.42 -0.97	40.28 0.77 -0.99	36.61 0.80 0.00	37.58 0.70 0.00
ROCKVIEW_13_KV_LD 356306	32.02 1.46 0.00	27.24 1.31 0.00	26.87 1.30 0.00	25.80 1.15 0.00	24.51 0.99 0.00	25.55 1.03 -0.05	25.69 1.02 -0.19	35.62 1.02 -1.55	32.48 1.17 0.00	25.43 1.13 0.00	31.51 1.50 -0.24	50.70 2.01 -11.68	38.76 1.87 -0.56	38.24 1.83 0.00	38.41 1.64 -1.80	39.76 1.81 0.00	48.61 1.77 0.00	45.37 1.46 0.00	53.18 2.00 0.00	53.21 2.16 0.00	40.23 1.47 0.00	39.98 1.47 0.00	37.63 1.83 0.00	38.83 1.95 0.00
ROME____115KV_TB2 80656	32.17 1.09 -0.52	27.03 0.93 -0.18	26.50 0.86 -0.06	25.47 0.82 0.00	24.34 0.80 -0.02	25.34 0.85 -0.03	25.59 0.88 -0.24	34.80 1.07 -0.69	32.73 0.93 -0.49	24.90 0.60 0.00	30.50 0.58 -0.15	38.20 0.69 -0.51	37.66 0.66 -0.67	37.41 0.70 -0.30	36.44 0.73 -0.74	40.00 1.06 -0.99	50.18 1.59 -1.75	47.33 1.75 -1.67	55.86 2.25 -2.42	55.52 2.24 -2.22	41.03 1.39 -0.88	40.74 1.33 -0.90	36.98 1.18 0.00	37.88 1.00 0.00
ROSETON____1 23587	31.43 0.88 0.00	26.78 0.85 0.00	26.46 0.88 0.00	25.42 0.77 0.00	24.15 0.63 0.00	25.16 0.65 -0.05	25.28 0.63 -0.17	35.04 0.55 -1.44	31.99 0.67 0.00	24.99 0.69 0.00	30.89 0.90 -0.23	49.08 1.20 -10.87	37.97 1.12 -0.52	37.50 1.09 0.00	37.56 0.92 -1.68	38.99 1.04 0.00	47.73 0.89 0.00	44.56 0.65 0.00	52.25 1.06 0.00	52.27 1.21 0.00	39.58 0.82 0.00	39.35 0.84 0.00	36.97 1.16 0.00	38.13 1.25 0.00
ROSETON____2 23588	31.43 0.88 0.00	26.78 0.85 0.00	26.46 0.88 0.00	25.42 0.77 0.00	24.15 0.63 0.00	25.16 0.65 -0.05	25.28 0.63 -0.17	35.04 0.55 -1.44	31.99 0.67 0.00	24.99 0.69 0.00	30.89 0.90 -0.23	49.08 1.20 -10.87	37.97 1.12 -0.52	37.50 1.09 0.00	37.56 0.92 -1.68	38.99 1.04 0.00	47.73 0.89 0.00	44.56 0.65 0.00	52.25 1.06 0.00	52.27 1.21 0.00	39.58 0.82 0.00	39.35 0.84 0.00	36.97 1.16 0.00	38.13 1.25 0.00
ROTRRDAM_115KV_TB3 80664	31.04 0.48 0.00	26.41 0.48 0.00	26.10 0.53 0.00	25.16 0.50 0.00	23.96 0.44 0.00	24.88 0.45 0.03	24.81 0.45 0.12	32.51 0.42 0.96	31.67 0.36 0.00	24.61 0.31 0.00	29.89 0.27 0.15	30.06 0.33 7.28	36.34 0.36 0.35	36.85 0.44 0.00	34.11 0.27 1.12	38.29 0.34 0.00	47.26 0.42 0.00	44.41 0.50 0.00	51.90 0.71 0.00	51.87 0.81 0.00	39.36 0.60 0.00	39.12 0.60 0.00	36.49 0.69 0.00	37.59 0.70 0.00
RUSSELL____1 23602	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
RUSSELL____2 23532	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
RUSSELL____3 23549	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
RUSSELL____4 23556	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
RUSSELL____STATION 23914	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
S SALMON____HYD 24043	32.57 0.27 -1.73	26.75 0.23 -0.59	25.92 0.16 -0.19	24.79 0.14 0.00	23.76 0.16 -0.08	24.75 0.18 -0.11	25.44 0.18 -0.78	35.41 0.09 -2.27	32.98 0.05 -1.61	24.27 -0.03 0.00	30.10 -0.17 -0.50	38.30 -0.38 -1.67	38.18 -0.37 -2.23	37.06 -0.33 -0.98	37.18 -0.23 -2.45	41.10 -0.11 -3.27	52.59 -0.04 -5.79	49.62 0.21 -5.50	59.62 0.47 -7.96	58.83 0.48 -7.30	41.65 0.01 -2.88	41.54 0.08 -2.95	35.82 0.02 0.00	36.70 -0.18 0.00
S.PERRY__115KV_TB1 80734	32.81 1.54 -0.72	27.52 1.35 -0.24	26.89 1.23 -0.08	25.87 1.22 0.00	24.83 1.28 -0.03	25.82 1.31 -0.04	26.18 1.39 -0.32	35.68 1.69 -0.94	33.26 1.28 -0.67	25.08 0.77 0.00	30.89 0.92 -0.21	38.84 1.14 -0.69	38.34 1.10 -0.92	37.77 0.95 -0.41	37.22 1.24 -1.01	40.69 1.39 -1.35	51.21 1.99 -2.39	48.02 1.93 -2.19	57.07 2.72 -3.17	56.58 2.62 -2.91	41.60 1.70 -1.15	41.54 1.86 -1.17	37.43 1.63 0.00	38.34 1.46 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	31.87 0.67 -0.64	26.81 0.67 -0.22	26.20 0.55 -0.07	25.29 0.64 0.00	24.32 0.77 -0.03	25.29 0.79 -0.04	25.51 0.75 -0.29	34.65 0.75 -0.84	32.40 0.49 -0.60	24.61 0.31 0.00	30.66 0.71 -0.19	38.65 1.02 -0.62	38.01 0.86 -0.83	37.45 0.67 -0.36	36.92 1.04 -0.91	39.87 0.70 -1.21	49.60 0.62 -2.14	46.17 0.30 -1.96	54.12 0.09 -2.84	53.23 -0.42 -2.60	39.23 -0.55 -1.03	39.79 0.23 -1.05	36.33 0.52 0.00	37.35 0.47 0.00

SAWYER___23_KV_LOAD 55526	31.87 0.67 -0.64	26.81 0.67 -0.22	26.20 0.55 -0.07	25.29 0.64 0.00	24.32 0.77 -0.03	25.29 0.79 -0.04	25.51 0.75 -0.29	34.65 0.75 -0.84	32.40 0.49 -0.60	24.61 0.31 0.00	30.66 0.71 -0.19	38.65 1.02 -0.62	38.01 0.86 -0.83	37.45 0.67 -0.36	36.92 1.04 -0.91	39.87 0.70 -1.21	49.60 0.62 -2.14	46.17 0.30 -1.96	54.12 0.09 -2.84	53.23 -0.42 -2.60	39.23 -0.55 -1.03	39.79 0.23 -1.05	36.33 0.52 0.00	37.35 0.47 0.00
SELKIRK___I 23801	30.75 0.19 0.00	26.18 0.25 0.00	25.90 0.32 0.00	25.02 0.36 0.00	23.84 0.31 0.00	24.75 0.31 0.02	24.70 0.30 0.07	32.66 0.19 0.59	31.41 0.10 0.00	24.34 0.04 0.00	29.51 -0.16 0.09	32.35 -0.20 4.46	35.97 -0.14 0.21	36.28 -0.13 0.00	33.86 -0.42 0.69	37.11 -0.84 0.00	45.63 -1.21 0.00	42.76 -1.15 0.00	49.99 -1.19 0.00	49.99 -1.06 0.00	37.99 -0.77 0.00	37.74 -0.77 0.00	35.21 -0.60 0.00	36.28 -0.60 0.00
SELKIRK___II 23799	30.53 -0.03 0.00	26.05 0.13 0.00	25.78 0.21 0.00	24.87 0.22 0.00	23.69 0.17 0.00	24.59 0.16 0.03	24.53 0.14 0.09	32.32 -0.01 0.72	31.33 0.02 0.00	24.34 0.04 0.00	29.45 -0.20 0.11	31.21 -0.33 5.47	35.74 -0.33 0.26	36.11 -0.30 0.00	33.64 -0.48 0.84	37.39 -0.56 0.00	46.08 -0.76 0.00	43.12 -0.79 0.00	50.37 -0.82 0.00	50.38 -0.68 0.00	38.27 -0.49 0.00	38.01 -0.50 0.00	35.51 -0.30 0.00	36.59 -0.29 0.00
SENECA OSWGO___HYD 24041	31.37 -0.13 -0.94	26.16 -0.09 -0.32	25.57 -0.11 -0.11	24.56 -0.10 0.00	23.48 -0.08 -0.04	24.43 -0.09 -0.06	24.82 -0.08 -0.42	34.07 -0.21 -1.24	31.92 -0.27 -0.88	24.03 -0.28 0.00	29.70 -0.35 -0.27	37.51 -0.40 -0.91	37.19 -0.35 -1.21	36.53 -0.41 -0.53	36.06 -0.24 -1.33	39.58 -0.15 -1.78	49.76 -0.23 -3.15	46.80 -0.11 -3.00	55.60 0.06 -4.35	55.09 0.05 -3.99	40.22 -0.12 -1.58	40.07 -0.05 -1.61	35.81 0.00 0.00	36.82 -0.06 0.00
SENECA___115KV_TB3 355854	32.08 0.87 -0.65	26.98 0.83 -0.22	26.34 0.70 -0.07	25.42 0.77 0.00	24.45 0.90 -0.03	25.42 0.92 -0.04	25.66 0.89 -0.29	34.86 0.95 -0.86	32.58 0.66 -0.61	24.74 0.44 0.00	30.80 0.85 -0.19	38.85 1.21 -0.63	38.23 1.07 -0.84	37.64 0.86 -0.37	37.12 1.23 -0.92	40.12 0.94 -1.23	50.06 1.03 -2.19	46.60 0.69 -2.00	54.70 0.62 -2.90	53.84 0.13 -2.65	39.65 -0.16 -1.05	40.12 0.54 -1.07	36.55 0.75 0.00	37.56 0.67 0.00
SENECA___ENERGY 23797	32.14 0.29 -1.29	26.69 0.32 -0.44	25.99 0.27 -0.14	24.92 0.26 0.00	23.89 0.31 -0.06	24.84 0.30 -0.09	25.41 0.35 -0.58	35.07 0.33 -1.69	32.68 0.16 -1.20	24.28 -0.02 0.00	30.20 0.06 -0.37	38.27 0.01 -1.25	37.99 0.01 -1.66	37.04 -0.10 -0.73	36.95 0.16 -1.83	40.59 0.20 -2.44	51.64 0.49 -4.32	48.54 0.51 -4.13	57.99 0.82 -5.98	57.22 0.69 -5.48	41.22 0.29 -2.16	41.08 0.36 -2.21	36.23 0.43 0.00	37.23 0.35 0.00
SHOEMAKER___GT 23640	31.43 0.87 0.00	26.78 0.85 0.00	26.45 0.88 0.00	25.42 0.77 0.00	24.16 0.63 0.00	25.18 0.67 -0.05	25.27 0.64 -0.16	34.97 0.57 -1.35	31.98 0.66 0.00	24.93 0.62 0.00	30.77 0.78 -0.21	48.26 1.05 -10.20	37.77 0.96 -0.49	37.34 0.93 0.00	37.34 0.79 -1.58	38.90 0.94 0.00	47.80 0.96 0.00	44.69 0.78 0.00	52.42 1.23 0.00	52.45 1.40 0.00	39.68 0.92 0.00	39.44 0.93 0.00	37.02 1.21 0.00	38.15 1.27 0.00
SHOEMAKR_138KV_BK 111 55601	31.41 0.85 0.00	26.78 0.85 0.00	26.45 0.88 0.00	25.41 0.76 0.00	24.15 0.63 0.00	25.17 0.66 -0.05	25.27 0.64 -0.16	34.95 0.56 -1.34	31.99 0.67 0.00	24.94 0.64 0.00	30.79 0.81 -0.21	48.22 1.09 -10.12	37.81 1.00 -0.49	37.38 0.97 0.00	37.36 0.83 -1.56	38.92 0.97 0.00	47.81 0.97 0.00	44.68 0.77 0.00	52.41 1.23 0.00	52.43 1.38 0.00	39.67 0.91 0.00	39.42 0.91 0.00	37.00 1.20 0.00	38.15 1.27 0.00
SHOREHAM_IC_1 23715	31.51 0.96 0.00	26.91 0.98 0.00	26.51 0.94 0.00	25.37 0.72 0.00	24.09 0.56 0.00	25.02 0.50 -0.05	25.05 0.39 -0.19	34.60 0.01 -1.55	31.58 0.27 0.00	24.80 0.49 0.00	41.13 0.93 -10.43	55.63 1.14 -17.48	64.32 0.89 -27.11	105.69 0.84 -68.43	72.10 0.94 -36.20	64.21 1.24 -25.03	50.34 1.19 -2.32	53.86 1.05 -8.90	52.73 1.54 0.00	52.79 1.73 0.00	39.10 0.97 0.63	45.18 0.81 -5.87	37.12 1.31 0.00	38.31 1.43 0.00
SHOREHAM_IC_2 23716	31.51 0.96 0.00	26.91 0.99 0.00	26.51 0.93 0.00	25.37 0.72 0.00	24.09 0.57 0.00	25.02 0.50 -0.05	25.05 0.39 -0.19	34.60 0.00 -1.55	31.58 0.26 0.00	24.80 0.50 0.00	41.13 0.93 -10.43	55.62 1.13 -17.48	64.31 0.87 -27.11	105.70 0.85 -68.43	72.10 0.94 -36.20	64.20 1.22 -25.03	50.34 1.19 -2.32	53.86 1.05 -8.90	52.73 1.54 0.00	52.79 1.73 0.00	39.10 0.97 0.63	45.19 0.81 -5.87	37.12 1.31 0.00	38.31 1.43 0.00
SISSONVILLE____ 23735	31.56 0.74 -0.26	26.51 0.49 -0.09	25.96 0.36 -0.03	24.96 0.31 0.00	23.89 0.36 -0.01	24.93 0.46 -0.02	25.10 0.51 -0.12	34.34 0.94 -0.34	32.49 0.93 -0.25	24.91 0.61 0.00	30.59 0.75 -0.08	37.93 0.66 -0.25	37.42 0.75 -0.34	37.33 0.77 -0.15	36.15 0.81 -0.37	39.24 0.79 -0.50	48.74 1.02 -0.88	45.73 0.98 -0.84	53.31 0.90 -1.22	52.98 0.81 -1.12	39.94 0.74 -0.44	39.72 0.76 -0.45	36.19 0.38 0.00	37.15 0.27 0.00
SITHE_IND_GS1 24169	21.06 -0.77 8.72	22.33 -0.64 2.96	23.96 -0.64 0.98	24.03 -0.61 0.01	22.56 -0.56 0.40	23.29 -0.60 0.57	19.95 -0.59 3.93	20.73 -0.88 11.44	22.32 -0.87 8.12	23.59 -0.71 0.00	26.38 -0.86 2.53	27.52 -1.06 8.43	24.06 -1.03 11.23	30.40 -1.05 4.96	21.67 -0.95 12.35	20.49 -0.99 16.47	16.48 -1.18 29.18	15.19 -1.10 27.62	9.96 -1.20 40.02	13.16 -1.23 36.67	23.26 -1.03 14.47	22.74 -0.96 14.80	34.96 -0.84 0.00	35.99 -0.89 0.00
SITHE_IND_GS2 24170	21.06 -0.77 8.72	22.33 -0.64 2.96	23.96 -0.64 0.98	24.03 -0.61 0.01	22.56 -0.56 0.40	23.29 -0.60 0.57	19.95 -0.59 3.93	20.73 -0.88 11.44	22.32 -0.87 8.12	23.59 -0.71 0.00	26.38 -0.86 2.53	27.52 -1.06 8.43	24.06 -1.03 11.23	30.40 -1.05 4.96	21.67 -0.95 12.35	20.49 -0.99 16.47	16.48 -1.18 29.18	15.19 -1.10 27.62	9.96 -1.20 40.02	13.16 -1.23 36.67	23.26 -1.03 14.47	22.74 -0.96 14.80	34.96 -0.84 0.00	35.99 -0.89 0.00
SITHE_IND_GS3 24171	21.06 -0.77 8.72	22.33 -0.64 2.96	23.96 -0.64 0.98	24.03 -0.61 0.01	22.56 -0.56 0.40	23.29 -0.60 0.57	19.95 -0.59 3.93	20.73 -0.88 11.44	22.32 -0.87 8.12	23.59 -0.71 0.00	26.38 -0.86 2.53	27.52 -1.06 8.43	24.06 -1.03 11.23	30.40 -1.05 4.96	21.67 -0.95 12.35	20.49 -0.99 16.47	16.48 -1.18 29.18	15.19 -1.10 27.62	9.96 -1.20 40.02	13.16 -1.23 36.67	23.26 -1.03 14.47	22.74 -0.96 14.80	34.96 -0.84 0.00	35.99 -0.89 0.00
SITHE_IND_GS4 24172	21.06 -0.77 8.72	22.33 -0.64 2.96	23.96 -0.64 0.98	24.03 -0.61 0.01	22.56 -0.56 0.40	23.29 -0.60 0.57	19.95 -0.59 3.93	20.73 -0.88 11.44	22.32 -0.87 8.12	23.59 -0.71 0.00	26.38 -0.86 2.53	27.52 -1.06 8.43	24.06 -1.03 11.23	30.40 -1.05 4.96	21.67 -0.95 12.35	20.49 -0.99 16.47	16.48 -1.18 29.18	15.19 -1.10 27.62	9.96 -1.20 40.02	13.16 -1.23 36.67	23.26 -1.03 14.47	22.74 -0.96 14.80	34.96 -0.84 0.00	35.99 -0.89 0.00

SITHE___BATAVIA 24024	32.50 1.30 -0.64	27.27 1.13 -0.22	26.66 1.02 -0.07	25.73 1.07 0.00	24.71 1.16 -0.03	25.69 1.19 -0.04	25.94 1.18 -0.29	35.26 1.37 -0.84	32.97 1.06 -0.60	24.93 0.63 0.00	30.87 0.92 -0.19	38.82 1.20 -0.62	38.30 1.15 -0.82	37.74 0.96 -0.36	37.17 1.30 -0.91	40.43 1.27 -1.21	50.38 1.40 -2.14	47.17 1.34 -1.93	55.47 1.49 -2.79	54.81 1.20 -2.56	40.44 0.67 -1.01	40.85 1.30 -1.03	37.23 1.43 0.00	38.25 1.37 0.00
SITHE___INDEPEND 23800	21.06 -0.77 8.72	22.34 -0.63 2.96	23.96 -0.63 0.98	24.03 -0.61 0.01	22.56 -0.56 0.40	23.29 -0.60 0.57	19.95 -0.59 3.93	20.73 -0.88 11.44	22.32 -0.87 8.12	23.59 -0.71 0.00	26.38 -0.86 2.53	27.52 -1.06 8.43	24.06 -1.03 11.23	30.40 -1.05 4.96	21.67 -0.95 12.35	20.49 -0.99 16.47	16.48 -1.18 29.18	15.19 -1.10 27.62	9.96 -1.20 40.02	13.16 -1.23 36.67	23.26 -1.03 14.47	22.74 -0.97 14.80	34.97 -0.84 0.00	35.99 -0.89 0.00
SITHE___MASSENA 23902	30.97 0.42 0.00	26.17 0.25 0.00	25.72 0.15 0.00	24.77 0.12 0.00	23.69 0.16 0.00	24.68 0.22 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.35 0.58 0.00	37.57 0.57 0.00	36.98 0.66 0.00	37.07 0.66 0.00	35.68 0.71 0.00	38.63 0.69 0.00	47.73 0.89 0.00	44.78 0.87 0.00	51.88 0.69 0.00	51.62 0.57 0.00	39.41 0.65 0.00	39.07 0.56 0.00	36.03 0.22 0.00	37.06 0.18 0.00
SITHE___OGDNSBRG 24021	31.81 1.05 -0.21	26.74 0.74 -0.07	26.20 0.61 -0.02	25.20 0.55 0.00	24.12 0.59 -0.01	25.17 0.69 -0.01	25.34 0.77 -0.09	34.67 1.34 -0.27	32.79 1.28 -0.19	25.10 0.80 0.00	30.77 0.94 -0.06	38.01 0.81 -0.20	37.44 0.85 -0.27	37.53 1.00 -0.12	36.22 0.96 -0.30	39.22 0.88 -0.39	48.97 1.43 -0.70	46.00 1.43 -0.67	53.83 1.68 -0.96	53.62 1.69 -0.88	40.59 1.48 -0.35	40.25 1.38 -0.36	36.71 0.90 0.00	37.69 0.81 0.00
SITHE___STERLING 23777	31.93 0.79 -0.58	26.81 0.68 -0.20	26.29 0.65 -0.06	25.27 0.61 0.00	24.14 0.59 -0.03	25.13 0.64 -0.04	25.40 0.66 -0.26	34.61 0.79 -0.77	32.51 0.65 -0.54	24.72 0.42 0.00	30.32 0.38 -0.17	38.06 0.49 -0.57	37.56 0.48 -0.75	37.26 0.52 -0.33	36.36 0.57 -0.83	39.87 0.82 -1.11	49.99 1.19 -1.96	47.11 1.33 -1.87	55.62 1.73 -2.71	55.26 1.72 -2.48	40.81 1.08 -0.98	40.55 1.04 -1.00	36.75 0.94 0.00	37.70 0.82 0.00
SLEIGHT__34_KV_TB1 80719	31.57 0.18 -0.84	26.39 0.18 -0.28	25.80 0.13 -0.09	24.80 0.15 0.00	23.76 0.20 -0.04	24.70 0.19 -0.06	25.11 0.25 -0.38	34.37 0.22 -1.10	32.16 0.07 -0.78	24.25 -0.05 0.00	30.10 0.09 -0.24	37.94 0.12 -0.81	37.48 0.08 -1.08	36.92 0.04 -0.48	36.40 0.25 -1.18	39.81 0.28 -1.58	50.07 0.43 -2.80	46.97 0.45 -2.61	55.62 0.66 -3.78	55.00 0.48 -3.46	40.27 0.15 -1.37	40.27 0.36 -1.40	36.19 0.38 0.00	37.16 0.28 0.00
SMITHTWN_69_KV_BK 1 55830	31.95 1.38 0.00	27.27 1.34 0.00	26.86 1.28 0.00	25.70 1.04 0.00	24.39 0.86 0.00	25.31 0.80 -0.05	25.34 0.68 -0.19	35.00 0.40 -1.55	31.95 0.63 0.00	25.09 0.78 0.00	41.63 1.38 -10.49	56.25 1.70 -17.54	65.01 1.43 -27.26	106.62 1.40 -68.80	72.76 1.43 -36.37	64.79 1.67 -25.18	50.94 1.77 -2.33	54.44 1.58 -8.94	53.33 2.14 0.00	53.37 2.31 0.00	39.57 1.41 0.59	45.68 1.27 -5.90	37.53 1.72 0.00	38.78 1.90 0.00
SOUTH CAIRO___GT 23612	31.25 0.69 0.00	26.60 0.67 0.00	26.29 0.72 0.00	25.39 0.74 0.00	24.20 0.68 0.00	25.17 0.72 0.01	25.20 0.77 0.04	33.65 0.95 0.35	32.03 0.71 0.00	24.72 0.42 0.00	29.81 0.10 0.06	34.42 0.04 2.63	36.20 0.01 0.13	36.51 0.10 0.00	34.37 -0.20 0.41	37.74 -0.21 0.00	47.13 0.29 0.00	44.37 0.46 0.00	52.18 1.00 0.00	52.24 1.18 0.00	39.65 0.89 0.00	39.32 0.81 0.00	36.54 0.73 0.00	37.54 0.66 0.00
SOUTH HAMPTN___IC 23720	31.92 1.37 0.00	27.29 1.36 0.00	26.88 1.30 0.00	25.72 1.06 0.00	24.45 0.93 0.00	25.42 0.91 -0.05	25.49 0.83 -0.19	35.19 0.60 -1.55	32.17 0.85 0.00	25.25 0.95 0.00	41.71 1.52 -10.42	56.37 1.90 -17.46	65.05 1.66 -27.07	106.36 1.61 -68.34	72.80 1.68 -36.15	65.01 2.08 -24.99	51.36 2.21 -2.32	54.78 1.98 -8.89	53.75 2.56 0.00	53.83 2.77 0.00	39.85 1.73 0.64	45.90 1.54 -5.85	37.76 1.96 0.00	38.98 2.10 0.00
SOUTHDOW_115KV_TB1 355954	32.53 1.31 -0.66	27.40 1.25 -0.22	26.72 1.08 -0.07	25.71 1.06 0.00	24.76 1.21 -0.03	25.74 1.24 -0.04	26.08 1.30 -0.30	35.42 1.51 -0.87	33.06 1.13 -0.62	25.02 0.72 0.00	31.24 1.28 -0.19	39.50 1.85 -0.64	38.83 1.66 -0.85	38.14 1.36 -0.38	37.67 1.77 -0.94	40.72 1.53 -1.25	51.05 1.99 -2.21	47.54 1.60 -2.03	56.15 2.02 -2.94	55.26 1.51 -2.69	40.54 0.72 -1.06	40.63 1.04 -1.09	37.05 1.25 0.00	37.57 0.68 0.00
SOUTHOLD_69_KV_BK 2 55809	32.25 1.70 0.00	27.64 1.72 0.00	27.21 1.64 0.00	26.02 1.37 0.00	24.83 1.31 0.00	25.85 1.34 -0.05	25.97 1.31 -0.19	35.83 1.23 -1.55	32.80 1.48 0.00	25.74 1.44 0.00	42.32 2.13 -10.42	57.16 2.69 -17.47	65.83 2.43 -27.07	107.16 2.41 -68.34	73.59 2.47 -36.15	65.91 2.97 -24.99	52.46 3.31 -2.32	55.80 3.00 -8.89	54.89 3.69 0.00	54.98 3.92 0.00	40.72 2.60 0.64	46.73 2.36 -5.85	38.50 2.69 0.00	39.71 2.82 0.00
SOUTHOLD___IC 23719	32.25 1.70 0.00	27.64 1.71 0.00	27.22 1.64 0.00	26.03 1.37 0.00	24.83 1.31 0.00	25.86 1.34 -0.05	25.97 1.30 -0.19	35.83 1.24 -1.55	32.80 1.48 0.00	25.73 1.43 0.00	42.33 2.14 -10.42	57.17 2.69 -17.47	65.84 2.45 -27.07	107.15 2.40 -68.34	73.59 2.47 -36.15	65.92 2.99 -24.99	52.46 3.31 -2.32	55.80 3.00 -8.89	54.89 3.69 0.00	54.98 3.92 0.00	40.72 2.60 0.64	46.72 2.36 -5.85	38.50 2.69 0.00	39.71 2.82 0.00
SOUTH_FORK_WT_PWR 323839	32.15 1.59 0.00	27.61 1.68 0.00	27.19 1.62 0.00	25.99 1.34 0.00	24.86 1.34 0.00	25.92 1.41 -0.05	26.06 1.40 -0.19	35.96 1.36 -1.55	32.92 1.60 0.00	25.81 1.51 0.00	42.43 2.24 -10.42	57.28 2.81 -17.47	65.95 2.56 -27.07	107.24 2.49 -68.34	73.68 2.56 -36.15	66.03 3.09 -24.99	52.56 3.41 -2.32	55.89 3.09 -8.89	54.94 3.75 0.00	55.06 4.01 0.00	40.80 2.68 0.64	46.81 2.44 -5.85	38.57 2.77 0.00	39.79 2.91 0.00
SPIERFLS_115KV_TB 1 80737	31.27 0.71 0.00	26.66 0.73 0.00	26.36 0.78 0.00	25.37 0.72 0.00	24.19 0.67 0.00	25.17 0.75 0.04	25.15 0.83 0.15	32.58 0.79 1.26	31.94 0.62 0.00	24.89 0.59 0.00	29.97 0.40 0.20	27.91 0.42 9.52	36.31 0.44 0.46	36.98 0.57 0.00	33.86 0.36 1.47	38.37 0.42 0.00	47.66 0.82 0.00	45.05 1.14 0.00	52.57 1.39 0.00	52.52 1.46 0.00	39.93 1.17 0.00	39.61 1.10 0.00	36.86 1.05 0.00	37.93 1.04 0.00
ST LAWRENCE____ 23600	30.64 0.08 0.00	25.90 -0.03 0.00	25.47 -0.10 0.00	24.54 -0.11 0.00	23.46 -0.06 0.00	24.44 -0.02 0.00	24.49 0.01 0.00	33.30 0.25 0.00	31.57 0.25 0.00	24.45 0.15 0.00	30.02 0.25 0.00	37.28 0.27 0.00	36.60 0.27 0.00	36.68 0.27 0.00	35.30 0.33 0.00	38.24 0.29 0.00	47.21 0.37 0.00	44.30 0.40 0.00	51.36 0.17 0.00	51.13 0.07 0.00	39.03 0.27 0.00	38.68 0.17 0.00	35.71 -0.10 0.00	36.76 -0.12 0.00

STATE_CA_115KV_115_LB 55624	30.57 0.01 0.00	26.04 0.12 0.00	25.77 0.19 0.00	24.86 0.21 0.00	23.68 0.15 0.00	24.60 0.18 0.04	24.51 0.17 0.13	31.98 0.01 1.08	31.34 0.02 0.00	24.41 0.11 0.00	29.56 -0.04 0.17	28.77 -0.06 8.17	35.90 -0.03 0.39	36.43 0.02 0.00	33.50 -0.21 1.26	37.73 -0.22 0.00	46.56 -0.28 0.00	43.57 -0.34 0.00	50.89 -0.29 0.00	50.89 -0.16 0.00	38.67 -0.09 0.00	38.39 -0.12 0.00	35.84 0.04 0.00	36.93 0.05 0.00
STATE_ST_34_KV_LOAD 55959	32.30 0.35 -1.40	26.75 0.35 -0.47	26.06 0.33 -0.16	24.97 0.32 0.00	23.94 0.35 -0.06	24.82 0.27 -0.09	25.47 0.37 -0.63	35.23 0.35 -1.83	32.83 0.22 -1.30	24.33 0.03 0.00	30.27 0.10 -0.40	38.48 0.12 -1.35	38.13 0.01 -1.80	37.14 -0.06 -0.79	37.20 0.26 -1.97	40.81 0.23 -2.64	52.09 0.59 -4.67	48.84 0.46 -4.47	58.56 0.89 -6.49	57.81 0.81 -5.94	41.56 0.46 -2.34	41.44 0.53 -2.40	36.37 0.56 0.00	37.39 0.51 0.00
STATION_5_MISC_HYD 23604	31.78 0.60 -0.62	26.68 0.54 -0.21	26.10 0.46 -0.07	25.14 0.49 0.00	24.09 0.54 -0.03	25.06 0.56 -0.04	25.33 0.58 -0.28	34.51 0.64 -0.82	32.37 0.48 -0.58	24.61 0.31 0.00	30.50 0.55 -0.18	38.39 0.78 -0.60	37.87 0.75 -0.80	37.45 0.68 -0.35	36.72 0.88 -0.88	40.04 0.91 -1.18	50.01 1.09 -2.08	46.73 0.96 -1.86	54.98 1.10 -2.69	54.39 0.87 -2.47	40.15 0.42 -0.97	40.27 0.77 -0.99	36.61 0.80 0.00	37.59 0.70 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	31.56 0.27 -0.73	26.47 0.30 -0.25	25.88 0.23 -0.08	24.90 0.24 0.00	23.86 0.30 -0.03	24.81 0.31 -0.05	25.14 0.34 -0.33	34.34 0.34 -0.95	32.17 0.18 -0.67	24.32 0.02 0.00	30.14 0.16 -0.21	37.93 0.22 -0.70	37.43 0.17 -0.93	36.93 0.11 -0.41	36.33 0.33 -1.03	39.69 0.38 -1.37	49.82 0.55 -2.43	46.73 0.58 -2.24	55.21 0.78 -3.25	54.61 0.58 -2.97	40.14 0.21 -1.17	40.12 0.41 -1.20	36.23 0.42 0.00	37.21 0.33 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	31.56 0.36 -0.64	26.48 0.34 -0.22	25.92 0.27 -0.07	24.96 0.30 0.00	23.91 0.36 -0.03	24.87 0.37 -0.04	25.16 0.40 -0.29	34.30 0.41 -0.83	32.17 0.26 -0.59	24.44 0.14 0.00	30.29 0.34 -0.18	38.14 0.52 -0.62	37.64 0.49 -0.82	37.20 0.42 -0.36	36.49 0.62 -0.90	39.80 0.65 -1.20	49.74 0.77 -2.13	46.50 0.68 -1.92	54.75 0.79 -2.78	54.15 0.55 -2.54	39.95 0.19 -1.00	40.04 0.50 -1.03	36.35 0.54 0.00	37.32 0.44 0.00
STA_56___34_KV_BUS2 355983	31.56 0.36 -0.64	26.48 0.34 -0.22	25.92 0.27 -0.07	24.96 0.30 0.00	23.91 0.36 -0.03	24.87 0.37 -0.04	25.16 0.40 -0.29	34.30 0.41 -0.83	32.17 0.26 -0.59	24.44 0.14 0.00	30.29 0.34 -0.18	38.14 0.52 -0.62	37.64 0.49 -0.82	37.20 0.42 -0.36	36.49 0.62 -0.90	39.80 0.65 -1.20	49.74 0.77 -2.13	46.50 0.68 -1.92	54.75 0.79 -2.78	54.15 0.55 -2.54	39.95 0.19 -1.00	40.04 0.50 -1.03	36.35 0.54 0.00	37.32 0.44 0.00
STA_67___115KV_BK2 355882	31.70 0.52 -0.62	26.62 0.48 -0.21	26.05 0.41 -0.07	25.09 0.44 0.00	24.04 0.49 -0.03	25.01 0.51 -0.04	25.28 0.53 -0.28	34.45 0.58 -0.81	32.31 0.42 -0.58	24.56 0.26 0.00	30.43 0.48 -0.18	38.31 0.70 -0.60	37.78 0.66 -0.80	37.35 0.59 -0.35	36.62 0.78 -0.88	39.93 0.80 -1.17	49.87 0.95 -2.08	46.59 0.84 -1.85	54.82 0.95 -2.68	54.23 0.71 -2.46	40.04 0.32 -0.97	40.16 0.66 -0.99	36.52 0.71 0.00	37.50 0.61 0.00
STA_7___115KV_9TRANS 80674	31.90 0.72 -0.62	26.78 0.65 -0.21	26.20 0.56 -0.07	25.23 0.58 0.00	24.18 0.63 -0.03	25.14 0.65 -0.04	25.43 0.67 -0.28	34.65 0.78 -0.82	32.50 0.60 -0.58	24.71 0.41 0.00	30.64 0.69 -0.18	38.58 0.97 -0.60	38.08 0.95 -0.80	37.65 0.88 -0.35	36.92 1.07 -0.88	40.27 1.15 -1.18	50.31 1.39 -2.08	47.01 1.24 -1.86	55.32 1.44 -2.69	54.72 1.20 -2.47	40.40 0.67 -0.97	40.51 1.00 -0.99	36.81 1.00 0.00	37.78 0.89 0.00
STA_82___115KV_TB1 80780	31.73 0.54 -0.63	26.63 0.49 -0.21	26.06 0.42 -0.07	25.10 0.45 0.00	24.06 0.50 -0.03	25.02 0.52 -0.04	25.30 0.54 -0.28	34.48 0.60 -0.83	32.34 0.43 -0.59	24.57 0.27 0.00	30.45 0.49 -0.18	38.33 0.71 -0.61	37.81 0.67 -0.81	37.36 0.59 -0.36	36.65 0.79 -0.89	39.96 0.82 -1.19	49.91 0.96 -2.11	46.64 0.85 -1.88	54.89 0.98 -2.73	54.29 0.74 -2.50	40.07 0.33 -0.99	40.20 0.69 -1.01	36.53 0.72 0.00	37.51 0.63 0.00
STEEL___WIND 323596	32.05 0.84 -0.65	26.95 0.80 -0.22	26.32 0.67 -0.07	25.40 0.75 0.00	24.43 0.87 -0.03	25.42 0.91 -0.04	25.63 0.87 -0.29	34.82 0.91 -0.86	32.52 0.59 -0.61	24.74 0.44 0.00	30.77 0.81 -0.19	38.80 1.16 -0.63	38.19 1.03 -0.84	37.60 0.82 -0.37	37.09 1.20 -0.92	40.04 0.86 -1.23	49.99 0.96 -2.19	46.55 0.64 -2.00	54.64 0.56 -2.90	53.79 0.08 -2.65	39.58 -0.22 -1.05	40.09 0.51 -1.07	36.50 0.69 0.00	37.52 0.63 0.00
STEPHTWN_115KV_BK_2 55603	30.67 0.11 0.00	26.13 0.20 0.00	25.87 0.30 0.00	24.94 0.29 0.00	23.77 0.25 0.00	24.67 0.25 0.04	24.65 0.30 0.12	32.22 0.20 1.03	31.45 0.13 0.00	24.50 0.20 0.00	29.66 0.06 0.16	29.19 -0.02 7.79	35.99 0.04 0.37	36.47 0.06 0.00	33.65 -0.12 1.20	37.91 -0.04 0.00	46.81 -0.03 0.00	43.89 -0.02 0.00	51.05 -0.14 0.00	51.06 0.01 0.00	38.77 0.01 0.00	38.39 -0.12 0.00	35.92 0.11 0.00	37.01 0.13 0.00
STEBEN_REC_LFGE 323667	32.06 0.68 -0.82	26.93 0.73 -0.28	26.26 0.59 -0.09	25.26 0.61 0.00	24.28 0.72 -0.04	25.15 0.64 -0.05	25.44 0.59 -0.37	34.74 0.61 -1.08	32.14 0.06 -0.76	24.25 -0.05 0.00	30.05 0.05 -0.24	37.96 0.16 -0.79	37.50 0.12 -1.06	36.67 -0.21 -0.47	36.43 0.30 -1.16	39.86 0.36 -1.55	50.34 0.76 -2.74	47.04 0.57 -2.57	55.86 0.95 -3.72	55.23 0.76 -3.41	40.25 0.14 -1.35	39.71 -0.17 -1.38	35.47 -0.34 0.00	36.33 -0.55 0.00
STILLWATER___SOLAR 323814	31.36 0.80 0.00	26.71 0.78 0.00	26.42 0.84 0.00	25.44 0.79 0.00	24.24 0.71 0.00	25.18 0.77 0.05	25.12 0.81 0.17	32.52 0.87 1.41	32.03 0.71 0.00	24.90 0.60 0.00	30.04 0.49 0.22	26.94 0.57 10.64	36.47 0.66 0.51	37.21 0.80 0.00	33.83 0.50 1.64	38.59 0.64 0.00	47.80 0.96 0.00	45.02 1.11 0.00	52.58 1.39 0.00	52.57 1.51 0.00	39.93 1.17 0.00	39.63 1.12 0.00	36.94 1.13 0.00	38.04 1.16 0.00
STONY___BROOK 24151	31.89 1.33 0.00	27.24 1.31 0.00	26.82 1.25 0.00	25.67 1.01 0.00	24.36 0.84 0.00	25.29 0.78 -0.05	25.32 0.66 -0.19	34.99 0.39 -1.55	31.94 0.62 0.00	25.07 0.77 0.00	41.57 1.33 -10.46	56.19 1.66 -17.52	64.92 1.41 -27.20	106.41 1.35 -68.65	72.65 1.38 -36.30	64.71 1.65 -25.12	50.89 1.72 -2.32	54.37 1.54 -8.93	53.29 2.10 0.00	53.33 2.27 0.00	39.53 1.38 0.61	45.63 1.23 -5.89	37.50 1.69 0.00	38.73 1.85 0.00
STURGEON_POOL_HYD 23609	31.57 1.02 0.00	26.88 0.95 0.00	26.54 0.97 0.00	25.51 0.86 0.00	24.24 0.71 0.00	25.22 0.73 -0.03	25.29 0.70 -0.11	34.67 0.67 -0.95	32.10 0.79 0.00	25.09 0.79 0.00	30.99 1.07 -0.15	45.62 1.44 -7.17	37.98 1.31 -0.34	37.66 1.25 0.00	37.19 1.12 -1.11	39.28 1.33 0.00	48.18 1.34 0.00	45.02 1.11 0.00	52.77 1.58 0.00	52.82 1.77 0.00	39.95 1.19 0.00	39.70 1.19 0.00	37.28 1.47 0.00	38.42 1.54 0.00

ST_LAW_115_BK7_LBMP 345037	30.63 0.07 0.00	25.89 -0.04 0.00	25.46 -0.11 0.00	24.53 -0.12 0.00	23.45 -0.07 0.00	24.43 -0.04 0.00	24.47 0.00 0.00	33.30 0.25 0.00	31.58 0.27 0.00	24.46 0.15 0.00	30.03 0.26 0.00	37.28 0.27 0.00	36.61 0.28 0.00	36.70 0.28 0.00	35.31 0.34 0.00	38.25 0.30 0.00	47.22 0.38 0.00	44.31 0.40 0.00	51.35 0.16 0.00	51.12 0.06 0.00	39.05 0.29 0.00	38.69 0.17 0.00	35.70 -0.11 0.00	36.75 -0.13 0.00
ST_LAW_115_BK8_LBMP 345038	30.63 0.07 0.00	25.89 -0.04 0.00	25.46 -0.11 0.00	24.53 -0.12 0.00	23.45 -0.07 0.00	24.43 -0.04 0.00	24.47 0.00 0.00	33.30 0.25 0.00	31.58 0.27 0.00	24.46 0.15 0.00	30.03 0.26 0.00	37.28 0.27 0.00	36.61 0.28 0.00	36.70 0.28 0.00	35.31 0.34 0.00	38.25 0.30 0.00	47.22 0.38 0.00	44.31 0.40 0.00	51.35 0.16 0.00	51.12 0.06 0.00	39.05 0.29 0.00	38.69 0.17 0.00	35.70 -0.11 0.00	36.75 -0.13 0.00
ST_LAW_230_BK5_LBMP 345035	30.64 0.08 0.00	25.90 -0.03 0.00	25.47 -0.10 0.00	24.54 -0.11 0.00	23.46 -0.06 0.00	24.44 -0.02 0.00	24.49 0.01 0.00	33.30 0.25 0.00	31.57 0.25 0.00	24.45 0.15 0.00	30.02 0.25 0.00	37.28 0.27 0.00	36.60 0.27 0.00	36.68 0.27 0.00	35.30 0.33 0.00	38.24 0.29 0.00	47.21 0.37 0.00	44.30 0.40 0.00	51.36 0.17 0.00	51.13 0.07 0.00	39.03 0.27 0.00	38.68 0.17 0.00	35.71 -0.10 0.00	36.76 -0.12 0.00
ST_LAW_230_BK6_LBMP 345036	30.64 0.08 0.00	25.90 -0.03 0.00	25.47 -0.10 0.00	24.54 -0.11 0.00	23.46 -0.06 0.00	24.44 -0.02 0.00	24.49 0.01 0.00	33.30 0.25 0.00	31.57 0.25 0.00	24.45 0.15 0.00	30.02 0.25 0.00	37.28 0.27 0.00	36.60 0.27 0.00	36.68 0.27 0.00	35.30 0.33 0.00	38.24 0.29 0.00	47.21 0.37 0.00	44.30 0.40 0.00	51.36 0.17 0.00	51.13 0.07 0.00	39.03 0.27 0.00	38.68 0.17 0.00	35.71 -0.10 0.00	36.76 -0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	31.52 0.97 0.00	26.88 0.96 0.00	26.55 0.98 0.00	25.50 0.85 0.00	24.22 0.70 0.00	25.25 0.75 -0.05	25.37 0.73 -0.17	35.11 0.67 -1.39	32.11 0.80 0.00	25.08 0.78 0.00	30.99 1.00 -0.22	48.84 1.35 -10.48	38.09 1.26 -0.50	37.63 1.22 0.00	37.65 1.07 -1.62	39.16 1.21 0.00	48.02 1.18 0.00	44.85 0.94 0.00	52.63 1.44 0.00	52.62 1.57 0.00	39.80 1.04 0.00	39.56 1.05 0.00	37.16 1.35 0.00	38.31 1.43 0.00
SWANROAD_115KV_TB1 355699	31.60 0.40 -0.64	26.56 0.41 -0.22	25.97 0.32 -0.07	25.08 0.43 0.00	24.14 0.59 -0.03	25.10 0.60 -0.04	25.28 0.52 -0.29	34.26 0.37 -0.84	32.04 0.13 -0.60	24.30 -0.01 0.00	30.22 0.27 -0.19	38.07 0.45 -0.62	37.42 0.27 -0.82	36.94 0.17 -0.36	36.40 0.52 -0.91	39.26 0.10 -1.21	48.70 -0.28 -2.14	45.34 -0.52 -1.95	53.07 -0.94 -2.83	52.21 -1.44 -2.59	38.58 -1.20 -1.02	39.23 -0.33 -1.05	35.94 0.14 0.00	37.04 0.16 0.00
SYNERGY___BIOGAS 323694	32.50 1.30 -0.64	27.27 1.13 -0.22	26.66 1.02 -0.07	25.73 1.07 0.00	24.71 1.16 -0.03	25.69 1.19 -0.04	25.95 1.18 -0.29	35.28 1.39 -0.84	32.98 1.07 -0.60	24.92 0.62 0.00	30.87 0.92 -0.19	38.82 1.19 -0.62	38.31 1.16 -0.82	37.74 0.96 -0.36	37.16 1.29 -0.91	40.44 1.29 -1.21	50.39 1.41 -2.14	47.18 1.34 -1.93	55.48 1.50 -2.79	54.81 1.19 -2.56	40.45 0.68 -1.01	40.85 1.30 -1.03	37.24 1.43 0.00	38.25 1.37 0.00
SYRACUSE___ENERGY_ST1 323597	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
SYRACUSE___ENERGY_ST2 323598	32.14 0.02 -1.56	26.50 0.04 -0.53	25.76 0.01 -0.17	24.67 0.01 0.00	23.64 0.05 -0.07	24.59 0.03 -0.10	25.24 0.06 -0.70	35.06 -0.04 -2.04	32.67 -0.10 -1.45	24.15 -0.15 0.00	30.06 -0.16 -0.45	38.34 -0.18 -1.51	38.16 -0.17 -2.01	37.10 -0.19 -0.89	37.10 -0.07 -2.21	40.92 0.02 -2.94	52.17 0.12 -5.22	49.05 0.14 -5.01	58.74 0.30 -7.25	57.95 0.25 -6.65	41.42 0.04 -2.62	41.30 0.10 -2.68	35.97 0.16 0.00	36.98 0.09 0.00
SYRACUSE___POWER 24017	31.81 0.05 -1.20	26.40 0.07 -0.40	25.74 0.03 -0.13	24.69 0.04 0.00	23.63 0.06 -0.06	24.59 0.06 -0.08	25.09 0.08 -0.54	34.61 -0.01 -1.57	32.35 -0.08 -1.12	24.18 -0.12 0.00	29.96 -0.16 -0.35	38.01 -0.16 -1.16	37.73 -0.14 -1.54	36.96 -0.14 -0.68	36.61 -0.05 -1.70	40.30 0.09 -2.26	51.04 0.20 -4.01	47.98 0.25 -3.83	57.13 0.40 -5.55	56.50 0.36 -5.08	40.87 0.11 -2.01	40.72 0.16 -2.05	36.01 0.20 0.00	37.02 0.13 0.00
TALLMAN__138KV_BK151 55660	31.68 1.13 0.00	27.04 1.11 0.00	26.70 1.13 0.00	25.61 0.96 0.00	24.32 0.80 0.00	25.38 0.87 -0.05	25.54 0.89 -0.17	35.36 0.87 -1.44	32.30 0.98 0.00	25.24 0.94 0.00	31.21 1.21 -0.23	49.58 1.65 -10.92	38.39 1.54 -0.52	37.88 1.47 0.00	37.97 1.32 -1.69	39.42 1.47 0.00	48.25 1.41 0.00	45.05 1.15 0.00	52.90 1.72 0.00	52.90 1.84 0.00	39.97 1.21 0.00	39.73 1.22 0.00	37.35 1.54 0.00	38.53 1.65 0.00
TEALLAVE_115KV_TB7 355573	31.50 -0.14 -1.08	26.19 -0.10 -0.37	25.57 -0.12 -0.12	24.54 -0.11 0.00	23.48 -0.08 -0.05	24.44 -0.09 -0.07	24.88 -0.08 -0.49	34.24 -0.23 -1.42	32.04 -0.28 -1.01	24.04 -0.26 0.00	29.78 -0.30 -0.31	37.72 -0.33 -1.05	37.40 -0.31 -1.39	36.68 -0.34 -0.61	36.26 -0.24 -1.53	39.84 -0.15 -2.04	50.33 -0.13 -3.62	47.27 -0.08 -3.45	56.20 0.01 -5.00	55.58 -0.05 -4.58	40.38 -0.19 -1.81	40.25 -0.11 -1.85	35.77 -0.04 0.00	36.78 -0.10 0.00
TELGRAPH_34_KV_EAST 80808	32.06 0.86 -0.64	26.94 0.80 -0.22	26.32 0.68 -0.07	25.42 0.76 0.00	24.44 0.89 -0.03	25.41 0.91 -0.04	25.63 0.86 -0.29	34.79 0.90 -0.84	32.54 0.63 -0.60	24.65 0.35 0.00	30.62 0.66 -0.19	38.58 0.95 -0.62	37.96 0.81 -0.82	37.48 0.71 -0.36	36.87 1.00 -0.91	39.94 0.78 -1.21	49.62 0.64 -2.14	46.33 0.48 -1.94	54.33 0.33 -2.81	53.55 -0.08 -2.58	39.54 -0.24 -1.02	40.07 0.52 -1.04	36.61 0.80 0.00	37.66 0.77 0.00
TEMPLE___115KV_TB 2 55572	31.51 -0.13 -1.08	26.21 -0.08 -0.37	25.59 -0.10 -0.12	24.56 -0.10 0.00	23.50 -0.07 -0.05	24.45 -0.08 -0.07	24.90 -0.07 -0.49	34.27 -0.21 -1.42	32.07 -0.26 -1.01	24.05 -0.25 0.00	29.80 -0.28 -0.31	37.74 -0.31 -1.05	37.43 -0.28 -1.40	36.71 -0.31 -0.61	36.29 -0.21 -1.53	39.87 -0.12 -2.05	50.38 -0.09 -3.63	47.31 -0.05 -3.46	56.23 0.04 -5.01	55.64 -0.01 -4.59	40.41 -0.16 -1.81	40.27 -0.09 -1.85	35.79 -0.02 0.00	36.80 -0.08 0.00
TIANA____69_KV_BK 1 55817	31.87 1.31 0.00	27.22 1.30 0.00	26.81 1.24 0.00	25.65 1.00 0.00	24.38 0.86 0.00	25.33 0.82 -0.05	25.39 0.73 -0.19	35.06 0.46 -1.55	32.03 0.71 0.00	25.15 0.85 0.00	41.57 1.38 -10.42	56.20 1.72 -17.47	64.87 1.47 -27.07	106.21 1.46 -68.34	72.63 1.51 -36.15	64.81 1.88 -24.99	51.14 1.99 -2.32	54.58 1.78 -8.89	53.54 2.35 0.00	53.59 2.54 0.00	39.69 1.56 0.64	45.75 1.38 -5.85	37.62 1.82 0.00	38.84 1.96 0.00

TILDEN___115KV_TB1 80814	31.81 0.05 -1.20	26.40 0.07 -0.40	25.74 0.03 -0.13	24.69 0.04 0.00	23.63 0.06 -0.06	24.59 0.06 -0.08	25.09 0.08 -0.54	34.61 -0.01 -1.57	32.35 -0.08 -1.12	24.18 -0.12 0.00	29.96 -0.16 -0.35	38.01 -0.16 -1.16	37.73 -0.14 -1.54	36.96 -0.14 -0.68	36.61 -0.05 -1.70	40.30 0.09 -2.26	51.04 0.20 -4.01	47.98 0.25 -3.83	57.13 0.40 -5.55	56.50 0.36 -5.08	40.87 0.11 -2.01	40.72 0.16 -2.05	36.01 0.20 0.00	37.02 0.13 0.00
TRIGEN___CC 323695	31.87 1.32 0.00	27.16 1.24 0.00	26.77 1.20 0.00	25.64 0.99 0.00	24.35 0.83 0.00	25.32 0.81 -0.05	25.41 0.75 -0.19	35.19 0.59 -1.55	32.11 0.80 0.00	25.18 0.87 0.00	49.55 1.35 -18.43	65.31 1.71 -26.59	88.14 1.54 -50.28	163.54 1.46 -125.66	98.75 1.30 -62.49	87.61 1.46 -48.20	52.33 1.40 -4.09	60.82 1.20 -15.71	52.89 1.69 -0.01	52.90 1.85 0.00	44.09 1.18 -4.16	51.10 1.15 -11.44	37.35 1.54 0.00	38.59 1.71 0.00
TRINITY__115KV__4 BK 55933	30.41 -0.15 0.00	25.93 0.00 0.00	25.66 0.09 0.00	24.76 0.11 0.00	23.58 0.06 0.00	24.48 0.06 0.04	24.41 0.06 0.13	31.87 -0.14 1.04	31.21 -0.10 0.00	24.32 0.02 0.00	29.45 -0.15 0.16	28.91 -0.22 7.87	35.74 -0.21 0.38	36.26 -0.15 0.00	33.37 -0.38 1.21	37.53 -0.42 0.00	46.27 -0.57 0.00	43.30 -0.61 0.00	50.56 -0.63 0.00	50.58 -0.47 0.00	38.45 -0.31 0.00	38.18 -0.33 0.00	35.65 -0.16 0.00	36.75 -0.14 0.00
UNION___PROCESSING_DRP 323587	31.74 0.54 -0.64	26.64 0.49 -0.22	26.07 0.42 -0.07	25.11 0.45 0.00	24.06 0.51 -0.03	25.02 0.52 -0.04	25.31 0.55 -0.28	34.49 0.60 -0.83	32.35 0.44 -0.59	24.57 0.27 0.00	30.46 0.50 -0.18	38.33 0.71 -0.61	37.82 0.68 -0.82	37.38 0.61 -0.36	36.66 0.79 -0.90	39.97 0.82 -1.20	49.94 0.98 -2.13	46.66 0.86 -1.89	54.92 1.00 -2.74	54.32 0.75 -2.51	40.10 0.35 -0.99	40.22 0.69 -1.01	36.54 0.73 0.00	37.53 0.64 0.00
UPPER HUDSON___HYD 24058	31.27 0.71 0.00	26.66 0.73 0.00	26.36 0.78 0.00	25.38 0.72 0.00	24.19 0.67 0.00	25.17 0.75 0.04	25.15 0.83 0.15	32.58 0.79 1.26	31.94 0.62 0.00	24.89 0.59 0.00	29.97 0.40 0.20	27.90 0.41 9.52	36.31 0.44 0.46	36.98 0.57 0.00	33.86 0.36 1.47	38.37 0.42 0.00	47.66 0.82 0.00	45.05 1.14 0.00	52.58 1.39 0.00	52.52 1.46 0.00	39.93 1.17 0.00	39.61 1.10 0.00	36.85 1.05 0.00	37.93 1.04 0.00
UPPER RAQUET___HYD 24056	31.56 0.74 -0.26	26.51 0.49 -0.09	25.96 0.36 -0.03	24.96 0.31 0.00	23.89 0.36 -0.01	24.93 0.45 -0.02	25.10 0.51 -0.12	34.34 0.94 -0.34	32.49 0.92 -0.25	24.91 0.61 0.00	30.59 0.75 -0.08	37.93 0.67 -0.25	37.42 0.76 -0.34	37.33 0.77 -0.15	36.15 0.81 -0.37	39.24 0.79 -0.50	48.74 1.02 -0.88	45.73 0.98 -0.84	53.31 0.91 -1.22	52.98 0.81 -1.12	39.94 0.74 -0.44	39.71 0.76 -0.45	36.19 0.38 0.00	37.15 0.27 0.00
VALLEY44_115KV_TB2 355964	31.53 0.31 -0.67	26.61 0.46 -0.23	26.03 0.38 -0.08	25.06 0.41 0.00	24.08 0.53 -0.03	25.07 0.56 -0.04	25.38 0.60 -0.30	34.52 0.59 -0.87	32.24 0.30 -0.62	24.39 0.09 0.00	30.36 0.39 -0.19	38.35 0.69 -0.64	37.64 0.46 -0.86	36.94 0.15 -0.38	36.41 0.50 -0.94	39.47 0.26 -1.26	49.43 0.35 -2.23	46.03 0.06 -2.05	54.58 0.42 -2.97	53.79 0.01 -2.72	39.52 -0.32 -1.07	39.74 0.13 -1.10	36.31 0.51 0.00	37.20 0.31 0.00
VALLEY___115KV_TB 1-4 80826	30.87 0.31 0.00	26.29 0.36 0.00	26.05 0.48 0.00	25.12 0.47 0.00	23.94 0.42 0.00	24.91 0.45 0.00	24.94 0.46 0.00	33.46 0.40 0.00	31.41 0.09 0.00	24.26 -0.04 0.00	29.26 -0.50 0.00	36.31 -0.69 0.00	35.83 -0.50 0.00	36.15 -0.26 0.00	34.12 -0.85 0.00	37.30 -0.65 0.00	46.67 -0.17 0.00	43.97 0.06 0.00	51.85 0.66 0.00	51.92 0.87 0.00	39.33 0.57 0.00	39.15 0.64 0.00	36.49 0.68 0.00	37.53 0.65 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.01 1.04 -0.41	27.01 0.95 -0.14	26.59 0.97 -0.05	25.61 0.96 0.00	24.41 0.87 -0.02	25.37 0.88 -0.03	25.50 0.84 -0.18	34.56 0.97 -0.54	32.66 0.96 -0.38	25.08 0.78 0.00	30.82 0.93 -0.12	38.68 1.27 -0.40	38.10 1.24 -0.53	37.83 1.18 -0.23	36.65 1.10 -0.58	40.05 1.33 -0.78	49.86 1.64 -1.38	46.69 1.48 -1.30	54.97 1.89 -1.89	54.76 1.97 -1.73	40.79 1.35 -0.68	40.57 1.36 -0.70	37.20 1.39 0.00	38.27 1.39 0.00
VISCHER___FERRY HYD 24020	30.94 0.38 0.00	26.37 0.44 0.00	26.09 0.52 0.00	25.14 0.48 0.00	23.93 0.41 0.00	24.83 0.43 0.06	24.73 0.47 0.21	31.71 0.40 1.75	31.67 0.35 0.00	24.69 0.38 0.00	29.77 0.27 0.28	24.12 0.32 13.21	36.05 0.36 0.63	36.89 0.48 0.00	33.11 0.18 2.04	38.19 0.24 0.00	47.15 0.31 0.00	44.23 0.32 0.00	51.61 0.43 0.00	51.63 0.57 0.00	39.28 0.52 0.00	38.99 0.48 0.00	36.38 0.57 0.00	37.51 0.62 0.00
V_A_10_SYNC_DSASP 323832	31.62 0.45 -0.61	26.62 0.49 -0.21	26.04 0.40 -0.07	25.15 0.49 0.00	24.15 0.60 -0.03	25.12 0.62 -0.04	25.35 0.59 -0.28	34.42 0.57 -0.80	32.23 0.34 -0.57	24.49 0.19 0.00	30.47 0.52 -0.18	38.38 0.78 -0.59	37.73 0.62 -0.79	37.22 0.46 -0.35	36.63 0.80 -0.87	39.61 0.50 -1.16	49.24 0.36 -2.05	45.88 0.11 -1.86	53.84 -0.05 -2.70	53.02 -0.51 -2.48	39.11 -0.63 -0.98	39.61 0.10 -1.00	36.18 0.38 0.00	37.23 0.35 0.00
V_CMM_10_SYNC_DSASP 323787	30.80 0.24 0.00	26.04 0.11 0.00	25.60 0.03 0.00	24.66 0.01 0.00	23.58 0.06 0.00	24.57 0.11 0.00	24.61 0.14 0.00	33.49 0.44 0.00	31.76 0.44 0.00	24.58 0.28 0.00	30.19 0.42 0.00	37.47 0.46 0.00	36.80 0.47 0.00	36.88 0.47 0.00	35.51 0.54 0.00	38.46 0.51 0.00	47.49 0.65 0.00	44.57 0.66 0.00	51.63 0.45 0.00	51.40 0.34 0.00	39.26 0.50 0.00	38.91 0.40 0.00	35.88 0.08 0.00	36.94 0.06 0.00
V_CMP_10_SYNC_DSASP 323788	31.74 1.18 0.00	26.62 0.70 0.00	26.25 0.67 0.00	25.25 0.60 0.00	24.12 0.59 0.00	25.39 0.93 0.00	25.50 1.03 0.00	34.42 1.36 0.00	32.52 1.20 0.00	25.21 0.90 0.00	30.83 1.06 0.00	38.20 1.19 0.00	37.52 1.20 0.00	37.70 1.29 0.00	36.13 1.16 0.00	39.17 1.22 0.00	48.39 1.55 0.00	45.64 1.73 0.00	52.72 1.53 0.00	52.33 1.28 0.00	39.55 0.79 0.00	39.14 0.63 0.00	36.13 0.33 0.00	37.06 0.18 0.00
V_D_10_SYNC_DSASP 323841	30.97 0.42 0.00	26.18 0.25 0.00	25.72 0.15 0.00	24.78 0.12 0.00	23.69 0.16 0.00	24.68 0.23 0.00	24.74 0.26 0.00	33.68 0.63 0.00	31.94 0.63 0.00	24.71 0.41 0.00	30.35 0.58 0.00	37.59 0.58 0.00	36.98 0.66 0.00	37.07 0.66 0.00	35.68 0.72 0.00	38.64 0.69 0.00	47.73 0.89 0.00	44.79 0.88 0.00	51.89 0.70 0.00	51.63 0.57 0.00	39.42 0.66 0.00	39.08 0.57 0.00	36.04 0.23 0.00	37.06 0.18 0.00
V_E_10_SYNC_DSASP 323830	33.27 1.91 -0.79	27.89 1.70 -0.27	27.28 1.62 -0.09	26.19 1.54 0.00	25.09 1.53 -0.04	26.13 1.62 -0.05	26.55 1.72 -0.36	36.27 2.17 -1.04	33.88 1.82 -0.74	25.43 1.13 0.00	31.13 1.13 -0.23	39.15 1.37 -0.77	38.76 1.41 -1.02	38.27 1.41 -0.45	37.46 1.37 -1.13	41.37 1.92 -1.50	52.55 3.05 -2.66	49.47 3.05 -2.52	58.99 4.16 -3.65	58.54 4.15 -3.34	42.90 2.82 -1.32	42.49 2.64 -1.35	38.15 2.35 0.00	39.21 2.32 0.00



V_F_30_NSYNC___DSASP 323816	31.41 0.85 0.00	26.75 0.82 0.00	26.45 0.88 0.00	25.47 0.82 0.00	24.27 0.75 0.00	25.21 0.80 0.05	25.15 0.84 0.16	32.64 0.92 1.34	32.08 0.77 0.00	24.95 0.65 0.00	30.12 0.57 0.21	27.55 0.68 10.14	36.59 0.75 0.49	37.29 0.88 0.00	34.01 0.60 1.56	38.70 0.75 0.00	47.93 1.09 0.00	45.12 1.21 0.00	52.68 1.50 0.00	52.67 1.61 0.00	39.99 1.23 0.00	39.69 1.18 0.00	37.00 1.20 0.00	38.10 1.22 0.00
V_F_30_SYNC_DSASP 323786	30.57 0.01 0.00	26.04 0.12 0.00	25.76 0.19 0.00	24.86 0.21 0.00	23.68 0.15 0.00	24.60 0.18 0.04	24.51 0.17 0.13	31.98 0.01 1.08	31.34 0.02 0.00	24.41 0.11 0.00	29.56 -0.04 0.17	28.80 -0.06 8.14	35.91 -0.03 0.39	36.43 0.01 0.00	33.50 -0.21 1.26	37.73 -0.22 0.00	46.55 -0.29 0.00	43.57 -0.34 0.00	50.89 -0.30 0.00	50.89 -0.16 0.00	38.67 -0.09 0.00	38.39 -0.12 0.00	35.84 0.03 0.00	36.92 0.04 0.00
V_XM_10_SYNC_DSASP 323789	31.74 1.18 0.00	26.62 0.70 0.00	26.25 0.67 0.00	25.25 0.60 0.00	24.12 0.59 0.00	25.39 0.93 0.00	25.50 1.03 0.00	34.42 1.36 0.00	32.52 1.20 0.00	25.21 0.90 0.00	30.83 1.06 0.00	38.20 1.19 0.00	37.52 1.20 0.00	37.70 1.29 0.00	36.13 1.16 0.00	39.17 1.22 0.00	48.39 1.55 0.00	45.64 1.73 0.00	52.72 1.53 0.00	52.33 1.28 0.00	39.55 0.79 0.00	39.14 0.63 0.00	36.13 0.33 0.00	37.06 0.18 0.00
W.BABYLN_69_KV_BK1 56697	32.24 1.69 0.00	27.50 1.58 0.00	27.08 1.50 0.00	25.91 1.26 0.00	24.59 1.07 0.00	25.54 1.02 -0.05	25.58 0.92 -0.19	35.36 0.76 -1.55	32.28 0.96 0.00	25.30 1.00 0.00	42.89 1.61 -11.50	57.86 2.06 -18.79	68.41 1.82 -30.26	114.29 1.73 -76.15	76.19 1.57 -39.66	67.91 1.76 -28.20	51.27 1.88 -2.55	55.41 1.69 -9.81	53.52 2.33 0.00	53.58 2.52 0.00	40.51 1.63 -0.12	46.70 1.56 -6.63	37.84 2.04 0.00	39.09 2.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	31.85 1.29 0.00	27.16 1.23 0.00	26.82 1.24 0.00	25.73 1.08 0.00	24.43 0.91 0.00	25.49 0.98 -0.05	25.67 1.02 -0.18	35.55 1.03 -1.46	32.44 1.12 0.00	25.34 1.04 0.00	31.36 1.36 -0.23	49.89 1.82 -11.06	38.58 1.72 -0.53	38.07 1.66 0.00	38.18 1.51 -1.71	39.64 1.69 0.00	48.53 1.69 0.00	45.33 1.42 0.00	53.19 2.00 0.00	53.18 2.13 0.00	40.19 1.43 0.00	39.94 1.43 0.00	37.54 1.73 0.00	38.71 1.83 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	32.08 1.53 0.00	27.28 1.36 0.00	26.92 1.35 0.00	25.84 1.19 0.00	24.52 1.00 0.00	25.57 1.05 -0.05	25.71 1.05 -0.19	35.69 1.09 -1.55	32.57 1.25 0.00	25.49 1.19 0.00	31.59 1.58 -0.24	50.79 2.11 -11.68	38.86 1.97 -0.56	38.30 1.89 0.00	38.50 1.73 -1.80	39.82 1.88 0.00	48.60 1.76 0.00	45.32 1.41 0.00	53.15 1.96 0.00	53.17 2.11 0.00	40.21 1.45 0.00	40.00 1.48 0.00	37.66 1.86 0.00	38.87 1.99 0.00
W50THST__13_KV_LOAD 356117	32.29 1.73 0.00	27.45 1.52 0.00	27.08 1.51 0.00	26.00 1.35 0.00	24.67 1.15 0.00	25.72 1.21 -0.05	25.88 1.21 -0.19	35.92 1.32 -1.55	32.80 1.48 0.00	25.68 1.38 0.00	31.84 1.83 -0.24	51.11 2.43 -11.68	39.16 2.27 -0.56	38.59 2.18 0.00	38.79 2.02 -1.80	40.12 2.18 0.00	48.94 2.10 0.00	45.61 1.70 0.00	53.47 2.28 0.00	53.49 2.43 0.00	40.45 1.69 0.00	40.22 1.71 0.00	37.91 2.10 0.00	39.13 2.25 0.00
WADING RIVER_IC_1 23522	31.55 0.99 0.00	26.93 1.01 0.00	26.53 0.96 0.00	25.39 0.74 0.00	24.11 0.58 0.00	25.04 0.53 -0.05	25.07 0.41 -0.19	34.64 0.04 -1.55	31.61 0.30 0.00	24.82 0.51 0.00	41.16 0.98 -10.42	55.67 1.20 -17.46	64.34 0.96 -27.06	105.63 0.90 -68.32	72.06 0.95 -36.15	64.17 1.24 -24.98	50.34 1.19 -2.31	53.84 1.05 -8.89	52.72 1.53 0.00	52.77 1.71 0.00	39.09 0.97 0.64	45.18 0.81 -5.85	37.12 1.31 0.00	38.34 1.45 0.00
WADING RIVER_IC_2 23547	31.55 0.99 0.00	26.93 1.01 0.00	26.53 0.96 0.00	25.39 0.74 0.00	24.11 0.58 0.00	25.04 0.53 -0.05	25.07 0.41 -0.19	34.64 0.04 -1.55	31.61 0.30 0.00	24.82 0.51 0.00	41.16 0.98 -10.42	55.67 1.20 -17.46	64.34 0.96 -27.06	105.63 0.90 -68.32	72.06 0.95 -36.15	64.17 1.24 -24.98	50.34 1.19 -2.31	53.84 1.05 -8.89	52.72 1.53 0.00	52.77 1.71 0.00	39.09 0.97 0.64	45.18 0.81 -5.85	37.12 1.31 0.00	38.34 1.45 0.00
WADING RIVER_IC_3 23601	31.55 0.99 0.00	26.93 1.01 0.00	26.53 0.96 0.00	25.39 0.74 0.00	24.11 0.58 0.00	25.04 0.53 -0.05	25.07 0.41 -0.19	34.64 0.04 -1.55	31.61 0.30 0.00	24.82 0.51 0.00	41.16 0.98 -10.42	55.67 1.20 -17.46	64.34 0.96 -27.06	105.63 0.90 -68.32	72.06 0.95 -36.15	64.17 1.24 -24.98	50.34 1.19 -2.31	53.84 1.05 -8.89	52.72 1.53 0.00	52.77 1.71 0.00	39.09 0.97 0.64	45.18 0.81 -5.85	37.12 1.31 0.00	38.34 1.45 0.00
WALDENNY_12_KV_BK2 80841	32.10 0.89 -0.65	26.99 0.84 -0.22	26.35 0.71 -0.07	25.44 0.78 0.00	24.47 0.91 -0.03	25.44 0.94 -0.04	25.66 0.89 -0.29	34.87 0.96 -0.85	32.59 0.67 -0.61	24.76 0.45 0.00	30.82 0.86 -0.19	38.86 1.22 -0.63	38.24 1.08 -0.84	37.66 0.88 -0.37	37.15 1.26 -0.92	40.15 0.97 -1.23	50.04 1.02 -2.18	46.59 0.69 -1.99	54.67 0.60 -2.89	53.81 0.11 -2.65	39.63 -0.17 -1.04	40.13 0.55 -1.07	36.58 0.77 0.00	37.59 0.71 0.00
WALDEN___HYDRO 24148	31.66 1.10 0.00	26.97 1.04 0.00	26.64 1.06 0.00	25.58 0.93 0.00	24.30 0.78 0.00	25.33 0.82 -0.05	25.45 0.80 -0.17	35.21 0.78 -1.37	32.21 0.90 0.00	25.14 0.84 0.00	31.08 1.09 -0.22	48.84 1.46 -10.38	38.17 1.35 -0.50	37.73 1.32 0.00	37.74 1.17 -1.60	39.31 1.36 0.00	48.23 1.40 0.00	45.08 1.17 0.00	52.88 1.69 0.00	52.90 1.85 0.00	40.00 1.24 0.00	39.75 1.24 0.00	37.32 1.51 0.00	38.46 1.57 0.00
WARRENSBURG____ 23737	31.27 0.71 0.00	26.66 0.73 0.00	26.36 0.78 0.00	25.37 0.72 0.00	24.19 0.67 0.00	25.17 0.75 0.04	25.15 0.83 0.15	32.58 0.79 1.26	31.94 0.62 0.00	24.89 0.59 0.00	29.97 0.40 0.20	27.91 0.42 9.52	36.31 0.44 0.46	36.98 0.57 0.00	33.86 0.36 1.47	38.37 0.42 0.00	47.66 0.82 0.00	45.05 1.14 0.00	52.57 1.39 0.00	52.52 1.46 0.00	39.93 1.17 0.00	39.61 1.10 0.00	36.86 1.05 0.00	37.93 1.04 0.00
WATERSIDE___6 8 9 23538	31.96 1.40 0.00	27.18 1.26 0.00	26.83 1.26 0.00	25.76 1.11 0.00	24.44 0.92 0.00	25.48 0.97 -0.05	25.62 0.96 -0.19	35.57 0.97 -1.55	32.47 1.16 0.00	25.43 1.12 0.00	31.50 1.49 -0.24	50.67 1.99 -11.68	38.71 1.83 -0.56	38.18 1.77 0.00	38.36 1.59 -1.80	39.68 1.72 0.00	48.32 1.48 0.00	45.05 1.14 0.00	52.84 1.66 0.00	52.89 1.83 0.00	40.00 1.24 0.00	39.80 1.28 0.00	37.54 1.74 0.00	38.78 1.89 0.00
WATKINRD_115KV_LN8_ILLION 55919	30.68 0.12 0.00	26.06 0.13 0.00	25.73 0.15 0.00	24.80 0.15 0.00	23.64 0.13 0.00	24.58 0.12 0.00	24.59 0.12 0.00	33.12 0.07 0.00	31.38 0.07 0.00	24.37 0.07 0.00	29.81 0.04 0.00	37.04 0.04 0.00	36.36 0.04 0.00	36.47 0.06 0.00	34.98 0.02 0.00	38.01 0.06 0.00	46.93 0.09 0.00	44.02 0.11 0.00	51.38 0.20 0.00	51.30 0.24 0.00	38.89 0.13 0.00	38.64 0.13 0.00	35.98 0.17 0.00	37.04 0.15 0.00

WDELAWARE___HYD 323627	30.95 0.39 0.00	26.34 0.41 0.00	26.00 0.43 0.00	24.97 0.32 0.00	23.73 0.21 0.00	24.73 0.23 -0.04	24.83 0.21 -0.14	34.22 0.02 -1.15	31.47 0.15 0.00	24.53 0.23 0.00	30.28 0.33 -0.18	46.18 0.49 -8.68	37.09 0.35 -0.42	36.73 0.32 0.00	36.44 0.13 -1.34	38.41 0.46 0.00	47.16 0.32 0.00	44.20 0.29 0.00	51.91 0.73 0.00	51.95 0.90 0.00	39.28 0.52 0.00	39.01 0.50 0.00	36.59 0.79 0.00	37.68 0.79 0.00
WEST BABYLON___IC 23714	32.24 1.69 0.00	27.50 1.58 0.00	27.08 1.50 0.00	25.91 1.26 0.00	24.59 1.07 0.00	25.54 1.02 -0.05	25.58 0.92 -0.19	35.36 0.76 -1.55	32.28 0.96 0.00	25.30 1.00 0.00	42.89 1.61 -11.50	57.86 2.06 -18.79	68.41 1.82 -30.26	114.29 1.73 -76.15	76.19 1.57 -39.66	67.91 1.76 -28.20	51.27 1.88 -2.55	55.41 1.69 -9.81	53.52 2.33 0.00	53.58 2.52 0.00	40.51 1.63 -0.12	46.70 1.56 -6.63	37.84 2.04 0.00	39.09 2.21 0.00
WEST CANADA___HYD 24049	30.60 0.04 0.00	26.01 0.08 0.00	25.67 0.10 0.00	24.75 0.10 0.00	23.59 0.07 0.00	24.53 0.07 0.00	24.53 0.06 0.00	33.05 0.00 0.00	31.31 0.00 0.00	24.31 0.01 0.00	29.75 -0.02 0.00	36.97 -0.04 0.00	36.29 -0.03 0.00	36.40 -0.01 0.00	34.91 -0.06 0.00	37.91 -0.04 0.00	46.79 -0.05 0.00	43.87 -0.04 0.00	51.21 0.02 0.00	51.10 0.05 0.00	38.76 0.00 0.00	38.52 0.01 0.00	35.88 0.07 0.00	36.95 0.07 0.00
WESTERN_NY_WIND 24143	32.48 1.28 -0.64	27.27 1.12 -0.22	26.65 1.01 -0.07	25.71 1.06 0.00	24.70 1.15 -0.03	25.68 1.18 -0.04	25.93 1.16 -0.29	35.25 1.36 -0.84	32.96 1.05 -0.60	24.91 0.60 0.00	30.86 0.90 -0.19	38.80 1.17 -0.62	38.28 1.13 -0.82	37.71 0.94 -0.36	37.15 1.28 -0.91	40.42 1.26 -1.21	50.33 1.35 -2.14	47.13 1.29 -1.93	55.42 1.43 -2.80	54.74 1.12 -2.57	40.40 0.63 -1.01	40.81 1.26 -1.03	37.21 1.40 0.00	38.21 1.33 0.00
WESTOVER___LESR 323668	31.57 0.21 -0.79	26.47 0.27 -0.27	25.89 0.23 -0.09	24.85 0.20 0.00	23.82 0.26 -0.04	24.73 0.23 -0.05	25.08 0.25 -0.36	34.24 0.14 -1.04	32.08 0.02 -0.74	24.24 -0.07 0.00	30.03 0.03 -0.23	37.93 0.15 -0.77	37.47 0.12 -1.02	36.84 -0.03 -0.45	36.21 0.12 -1.13	39.57 0.12 -1.50	49.87 0.37 -2.66	46.63 0.21 -2.51	55.33 0.51 -3.63	54.77 0.39 -3.33	40.20 0.13 -1.31	40.08 0.23 -1.35	36.19 0.38 0.00	37.19 0.30 0.00
WETHRSFD_WT_PWR 323626	31.80 0.53 -0.71	26.76 0.59 -0.24	26.12 0.47 -0.08	25.19 0.53 0.00	24.22 0.67 -0.03	25.15 0.65 -0.04	25.39 0.60 -0.31	34.52 0.54 -0.92	32.14 0.16 -0.65	24.31 0.00 0.00	30.09 0.12 -0.20	38.03 0.34 -0.68	37.46 0.23 -0.91	36.81 0.23 -0.40	36.35 0.39 -1.00	39.55 0.27 -1.33	49.62 0.43 -2.36	46.28 0.20 -2.18	54.55 0.21 -3.15	53.86 0.21 -2.89	39.55 -0.35 -1.14	39.63 -0.05 -1.16	35.83 0.03 0.00	36.86 -0.02 0.00
WHAVSTOR_138KV_BK127 55557	31.66 1.10 0.00	26.99 1.07 0.00	26.66 1.09 0.00	25.58 0.93 0.00	24.30 0.77 0.00	25.35 0.84 -0.05	25.57 0.92 -0.18	35.39 0.87 -1.47	32.24 0.92 0.00	25.20 0.89 0.00	31.17 1.17 -0.23	49.67 1.58 -11.08	38.33 1.47 -0.53	37.81 1.40 0.00	37.93 1.26 -1.71	39.35 1.40 0.00	48.15 1.31 0.00	44.96 1.05 0.00	52.78 1.59 0.00	52.79 1.73 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.29 1.48 0.00	38.47 1.59 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	31.66 1.10 0.00	26.99 1.07 0.00	26.66 1.09 0.00	25.58 0.93 0.00	24.30 0.77 0.00	25.35 0.84 -0.05	25.57 0.92 -0.18	35.39 0.87 -1.47	32.24 0.92 0.00	25.20 0.89 0.00	31.17 1.17 -0.23	49.67 1.58 -11.08	38.33 1.47 -0.53	37.81 1.40 0.00	37.93 1.26 -1.71	39.35 1.40 0.00	48.15 1.31 0.00	44.96 1.05 0.00	52.78 1.59 0.00	52.79 1.73 0.00	39.90 1.14 0.00	39.66 1.15 0.00	37.29 1.48 0.00	38.47 1.59 0.00
WHITEHAL_115KV_TB1 80871	32.00 1.44 0.00	27.25 1.32 0.00	26.98 1.41 0.00	25.94 1.29 0.00	24.76 1.24 0.00	25.89 1.47 0.05	26.04 1.72 0.16	33.50 1.74 1.29	32.59 1.27 0.00	25.51 1.21 0.00	30.45 0.89 0.20	28.15 0.92 9.77	36.69 0.83 0.47	37.77 1.36 0.00	34.59 1.13 1.51	39.13 1.18 0.00	48.83 1.99 0.00	46.40 2.50 0.00	53.94 2.76 0.00	53.76 2.70 0.00	41.18 2.42 0.00	40.83 2.32 0.00	37.95 2.14 0.00	39.12 2.24 0.00
WHITEPLN_13_KV_LOAD 356215	32.10 1.54 0.00	27.33 1.41 0.00	26.97 1.40 0.00	25.88 1.23 0.00	24.58 1.06 0.00	25.62 1.11 -0.05	25.75 1.09 -0.19	35.75 1.16 -1.54	32.62 1.30 0.00	25.51 1.21 0.00	31.62 1.60 -0.24	50.81 2.14 -11.66	38.91 2.02 -0.56	38.39 1.98 -1.80	38.56 1.80 0.00	39.93 1.98 0.00	48.87 2.03 0.00	45.63 1.72 0.00	53.49 2.31 0.00	53.52 2.47 0.00	40.46 1.70 0.00	40.21 1.69 0.00	37.79 1.98 0.00	38.96 2.08 0.00
WM_FLOYD_69_KV_BK2 356380	31.80 1.24 0.00	27.15 1.22 0.00	26.74 1.16 0.00	25.59 0.94 0.00	24.29 0.77 0.00	25.22 0.71 -0.05	25.26 0.60 -0.19	34.88 0.29 -1.55	31.84 0.53 0.00	25.00 0.69 0.00	41.37 1.16 -10.44	55.92 1.43 -17.49	64.60 1.16 -27.12	106.02 1.14 -68.46	72.39 1.22 -36.21	64.51 1.52 -25.04	50.73 1.57 -2.32	54.22 1.41 -8.90	53.15 1.96 0.00	53.21 2.15 0.00	39.42 1.28 0.62	45.51 1.13 -5.87	37.41 1.60 0.00	38.64 1.75 0.00
WOODARD___115KV_TB2 355635	31.66 -0.17 -1.28	26.23 -0.13 -0.43	25.57 -0.15 -0.14	24.52 -0.14 0.00	23.47 -0.11 -0.06	24.42 -0.12 -0.09	24.94 -0.11 -0.57	34.46 -0.26 -1.67	32.20 -0.31 -1.19	24.02 -0.28 0.00	29.81 -0.33 -0.37	37.87 -0.37 -1.23	37.62 -0.35 -1.65	36.76 -0.38 -0.73	36.50 -0.28 -1.81	40.16 -0.20 -2.41	50.92 -0.20 -4.28	47.84 -0.16 -4.09	57.03 -0.08 -5.92	56.37 -0.11 -5.43	40.67 -0.23 -2.14	40.54 -0.16 -2.19	35.72 -0.09 0.00	36.74 -0.15 0.00
WOODMERE_69_KV_BK1 55827	32.23 1.67 0.00	27.45 1.52 0.00	27.05 1.48 0.00	25.89 1.24 0.00	24.58 1.06 0.00	25.57 1.06 -0.05	25.65 0.98 -0.19	35.50 0.91 -1.55	32.41 1.09 0.00	25.41 1.11 0.00	48.42 1.66 -16.99	66.66 2.10 -27.55	85.79 2.01 -47.45	155.81 1.97 -117.43	94.14 1.73 -57.44	85.98 1.98 -46.05	52.75 2.16 -3.74	60.17 1.87 -14.39	53.63 2.43 0.00	53.63 2.57 0.00	46.78 1.73 -6.29	51.17 1.67 -10.99	37.78 1.97 0.00	39.01 2.13 0.00
YORK___WARBASSE 23770	32.14 1.59 0.00	27.27 1.35 0.00	26.90 1.32 0.00	25.79 1.14 0.00	24.48 0.96 0.00	25.53 1.01 -0.05	25.68 1.01 -0.19	35.62 1.02 -1.55	32.54 1.22 0.00	25.46 1.16 0.00	31.53 1.51 -0.24	50.72 2.03 -11.68	38.71 1.83 -0.56	38.20 1.79 0.00	38.37 1.60 -1.80	39.71 1.76 0.00	48.31 1.47 0.00	45.05 1.14 0.00	52.92 1.73 0.00	52.98 1.92 0.00	40.04 1.28 0.00	39.87 1.36 0.00	37.63 1.82 0.00	38.78 1.90 0.00