

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

## Generator Data

07/16/2023

Name	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
PTID	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
59TH STREET_GT_1	33.60	33.70	30.56	28.29	27.63	37.59	33.17	32.56	31.41	33.74	33.62	34.96	33.59	32.60	32.52	31.35	31.61	29.92	29.56	30.18	29.78	28.02	23.88	23.80
24138	2.15	2.24	1.88	1.91	1.80	1.56	1.62	1.62	1.96	1.99	2.24	2.44	2.40	2.36	2.28	2.12	2.08	2.15	2.10	1.97	2.08	2.05	1.82	1.80
	2.56	2.56	-0.45	1.14	0.21	-13.70	-7.12	-7.77	-1.41	-1.70	1.99	2.46	0.65	1.27	-0.42	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	33.69	33.78	30.64	28.36	27.70	37.64	33.23	32.62	31.47	33.79	33.69	35.09	33.69	32.71	32.61	31.43	31.70	29.98	29.65	30.27	29.86	28.09	23.94	23.85
24260	2.23	2.32	1.96	1.98	1.87	1.62	1.69	1.68	2.02	2.05	2.32	2.57	2.50	2.47	2.37	2.20	2.17	2.22	2.19	2.06	2.16	2.12	1.87	1.85
	2.56	2.56	-0.45	1.14	0.21	-13.70	-7.12	-7.77	-1.41	-1.70	1.99	2.46	0.65	1.27	-0.42	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	33.69	33.78	30.64	28.36	27.70	37.64	33.23	32.62	31.47	33.79	33.69	35.09	33.69	32.71	32.61	31.43	31.70	29.98	29.65	30.27	29.86	28.09	23.94	23.85
24261	2.23	2.32	1.96	1.98	1.87	1.62	1.69	1.68	2.02	2.05	2.32	2.57	2.50	2.47	2.37	2.20	2.17	2.22	2.19	2.06	2.16	2.12	1.87	1.85
	2.56	2.56	-0.45	1.14	0.21	-13.70	-7.12	-7.77	-1.41	-1.70	1.99	2.46	0.65	1.27	-0.42	0.00	0.00	0.00	-0.30	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	32.99	33.05	28.73	27.86	27.33	27.81	27.89	26.77	29.94	31.56	33.17	34.39	32.49	32.00	31.86	31.23	31.62	29.97	30.32	30.33	29.68	27.78	23.61	23.43
24011	1.82	1.88	1.57	1.61	1.52	1.30	1.31	1.23	1.58	1.74	2.02	2.13	1.99	1.90	1.94	2.00	2.09	2.20	2.19	2.12	1.98	1.81	1.55	1.43
	2.84	2.84	1.05	1.27	0.23	-4.18	-2.15	-2.36	-0.31	0.23	2.21	2.73	1.34	1.41	-0.11	0.00	0.00	0.00	-0.96	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	33.26	33.34	28.94	28.03	27.49	27.94	28.02	26.89	30.13	31.80	33.42	34.59	32.67	32.21	32.08	31.48	31.90	30.22	30.58	30.61	29.94	28.03	23.82	23.62
23798	2.09	2.16	1.78	1.77	1.68	1.44	1.45	1.36	1.78	1.99	2.26	2.34	2.18	2.11	2.16	2.25	2.36	2.46	2.45	2.40	2.24	2.06	1.76	1.62
	2.85	2.84	1.05	1.27	0.23	-4.17	-2.15	-2.36	-0.31	0.23	2.21	2.73	1.34	1.41	-0.11	0.00	0.00	0.00	-0.97	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	32.99	33.05	28.73	27.86	27.33	27.81	27.89	26.77	29.94	31.56	33.17	34.39	32.49	32.00	31.86	31.23	31.62	29.97	30.32	30.33	29.68	27.78	23.61	23.43
24028	1.82	1.88	1.57	1.61	1.52	1.30	1.31	1.23	1.58	1.74	2.02	2.13	1.99	1.90	1.94	2.00	2.09	2.20	2.19	2.12	1.98	1.81	1.55	1.43
	2.84	2.84	1.05	1.27	0.23	-4.18	-2.15	-2.36	-0.31	0.23	2.21	2.73	1.34	1.41	-0.11	0.00	0.00	0.00	-0.96	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	32.67	32.93	28.77	28.04	27.48	28.55	28.36	27.20	29.93	31.52	33.02	34.24	32.24	31.60	31.28	30.58	30.94	29.36	29.53	29.62	29.08	27.24	23.28	23.27
23527	1.43	1.69	1.52	1.75	1.67	1.42	1.45	1.30	1.51	1.60	1.81	1.93	1.68	1.47	1.33	1.35	1.41	1.60	1.60	1.41	1.38	1.27	1.22	1.27
	2.78	2.77	0.97	1.24	0.23	-4.81	-2.49	-2.72	-0.38	0.13	2.16	2.67	1.28	1.38	-0.13	0.00	0.00	0.00	-0.77	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	31.62	31.71	27.67	26.94	26.44	27.06	27.06	25.91	28.78	30.28	31.78	32.99	31.17	30.66	30.43	29.72	30.06	28.43	28.48	28.71	28.20	26.42	22.52	22.44
24190	0.36	0.44	0.44	0.64	0.62	0.51	0.45	0.36	0.42	0.42	0.55	0.65	0.61	0.52	0.50	0.49	0.53	0.67	0.66	0.50	0.50	0.45	0.46	0.45
	2.75	2.74	1.00	1.22	0.23	-4.22	-2.18	-2.38	-0.32	0.19	2.14	2.64	1.29	1.36	-0.11	0.00	0.00	0.00	-0.65	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	32.91	32.89	27.62	26.89	25.83	22.22	24.39	23.18	28.09	29.88	32.81	34.22	31.35	31.06	29.76	29.20	29.51	27.53	26.97	28.11	27.60	25.87	21.87	21.83
355683	0.08	0.07	0.03	-0.10	-0.11	-0.07	-0.01	0.03	0.08	0.10	0.06	0.00	-0.06	-0.05	-0.05	-0.04	-0.02	-0.23	-0.20	-0.10	-0.10	-0.10	-0.19	-0.17
	1.19	1.19	0.63	0.53	0.10	0.03	0.03	0.02	0.04	0.27	0.62	0.76	0.43	0.39	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	31.62	31.71	27.67	26.94	26.44	27.06	27.06	25.91	28.78	30.28	31.78	32.99	31.17	30.66	30.43	29.72	30.06	28.43	28.48	28.71	28.20	26.42	22.52	22.44
23571	0.36	0.44	0.44	0.64	0.62	0.51	0.45	0.36	0.42	0.42	0.55	0.65	0.61	0.52	0.50	0.49	0.53	0.67	0.66	0.50	0.50	0.45	0.46	0.45
	2.75	2.74	1.00	1.22	0.23	-4.22	-2.18	-2.38	-0.32	0.19	2.14	2.64	1.29	1.36	-0.11	0.00	0.00	0.00	-0.65	0.00	0.00	0.00	0.00	0.00
ALBANY___2	31.62	31.71	27.67	26.94	26.44	27.06	27.06	25.91	28.78	30.28	31.78	32.99	31.17	30.66	30.43	29.72	30.06	28.43	28.48	28.71	28.20	26.42	22.52	22.44
23572	0.36	0.44	0.44	0.64	0.62	0.51	0.45	0.36	0.42	0.42	0.55	0.65	0.61	0.52	0.50	0.49	0.53	0.67	0.66	0.50	0.50	0.45	0.46	0.45
	2.75	2.74	1.00	1.22	0.23	-4.22	-2.18	-2.38	-0.32	0.19	2.14	2.64	1.29	1.36	-0.11	0.00	0.00	0.00	-0.65	0.00	0.00	0.00	0.00	0.00
ALBANY___3	31.62	31.71	27.67	26.94	26.44	27.06	27.06	25.91	28.78	30.28	31.78	32.99	31.17	30.66	30.43	29.72	30.06	28.43	28.48	28.71	28.20	26.42	22.52	22.44
23573	0.36	0.44	0.44	0.64	0.62	0.51	0.45	0.36	0.42	0.42	0.55	0.65	0.61	0.52	0.50	0.49	0.53	0.67	0.66	0.50	0.50	0.45	0.46	0.45
	2.75	2.74	1.00	1.22	0.23	-4.22	-2.18	-2.38	-0.32	0.19	2.14	2.64	1.29	1.36	-0.11	0.00	0.00	0.00	-0.65	0.00	0.00	0.00	0.00	0.00

ALBANY___4 23574	31.62 0.36 2.75	31.71 0.44 2.74	27.67 0.44 1.00	26.94 0.64 1.22	26.44 0.62 0.23	27.06 0.51 -4.22	27.06 0.45 -2.18	25.91 0.36 -2.38	28.78 0.42 -0.32	30.28 0.42 0.19	31.78 0.55 2.14	32.99 0.65 2.64	31.17 0.61 1.29	30.66 0.52 1.36	30.43 0.50 -0.11	29.72 0.49 0.00	30.06 0.53 0.00	28.43 0.67 0.00	28.48 0.66 -0.65	28.71 0.50 0.00	28.20 0.50 0.00	26.42 0.45 0.00	22.52 0.46 0.00	22.44 0.45 0.00
ALBANY___LFGE 323615	32.01 0.77 2.78	32.09 0.84 2.77	27.97 0.76 1.01	27.24 0.96 1.24	26.73 0.91 0.23	27.33 0.76 -4.24	27.34 0.73 -2.19	26.19 0.62 -2.40	29.10 0.73 -0.32	30.63 0.77 0.20	32.18 0.97 2.15	33.39 1.08 2.67	31.55 1.01 1.30	31.05 0.92 1.38	30.82 0.89 -0.11	30.13 0.90 0.00	30.48 0.95 0.00	28.84 1.07 0.00	28.94 1.03 -0.74	29.08 0.87 0.00	28.55 0.85 0.00	26.75 0.78 0.00	22.78 0.72 0.00	22.70 0.70 0.00
ALCOA_PA_115KV_PL-6C 55860	33.01 0.23 1.24	32.97 0.19 1.23	27.70 0.13 0.65	26.95 -0.02 0.55	25.88 -0.05 0.10	22.28 0.00 0.04	24.49 0.09 0.03	23.28 0.13 0.02	28.21 0.20 0.04	30.00 0.23 0.28	32.90 0.20 0.66	34.29 0.13 0.82	31.42 0.04 0.46	31.11 0.03 0.42	29.85 0.04 0.01	29.29 0.06 0.00	29.63 0.10 0.00	27.63 -0.14 0.00	27.07 -0.10 0.00	28.21 0.01 0.00	27.71 0.01 0.00	25.96 -0.01 0.00	21.95 -0.11 0.00	21.92 -0.08 0.00
ALCOA_RYNLDS___DRP 24188	33.01 0.23 1.24	32.97 0.19 1.23	27.70 0.13 0.65	26.95 -0.02 0.55	25.88 -0.05 0.10	22.28 0.00 0.04	24.49 0.09 0.03	23.28 0.13 0.02	28.21 0.20 0.04	30.00 0.23 0.28	32.90 0.20 0.66	34.29 0.13 0.82	31.42 0.04 0.46	31.11 0.03 0.42	29.85 0.04 0.01	29.29 0.06 0.00	29.63 0.10 0.00	27.63 -0.14 0.00	27.07 -0.10 0.00	28.21 0.01 0.00	27.71 0.01 0.00	25.96 -0.01 0.00	21.95 -0.11 0.00	21.92 -0.08 0.00
ALCOA___DSASP 323711	33.01 0.23 1.24	32.97 0.19 1.23	27.70 0.13 0.65	26.95 -0.02 0.55	25.88 -0.05 0.10	22.28 0.00 0.04	24.49 0.09 0.03	23.28 0.13 0.02	28.21 0.20 0.04	30.00 0.23 0.28	32.90 0.20 0.66	34.29 0.13 0.82	31.42 0.04 0.46	31.11 0.03 0.42	29.85 0.04 0.01	29.29 0.06 0.00	29.63 0.10 0.00	27.63 -0.14 0.00	27.07 -0.10 0.00	28.21 0.01 0.00	27.71 0.01 0.00	25.96 0.00 0.00	21.95 -0.11 0.00	21.92 -0.08 0.00
ALLEGHENY___COGEN 23514	31.68 1.27 3.61	31.34 0.93 3.61	27.15 0.84 1.92	26.56 0.65 1.61	26.39 0.64 0.30	22.66 0.44 0.10	24.83 0.49 0.08	23.52 0.43 0.09	28.37 0.50 0.17	29.01 0.18 1.21	30.48 -0.07 2.81	31.29 -0.22 3.48	29.85 -0.02 1.96	29.76 0.05 1.79	29.75 -0.03 0.04	29.25 0.02 0.00	29.50 -0.03 0.00	27.91 0.14 0.00	27.60 0.39 -0.04	28.80 0.59 0.00	28.42 0.72 0.00	27.08 0.80 -0.31	23.65 0.56 -1.03	41.80 0.46 -19.34
ALTAMONT_115KV_TB 2 55880	32.08 0.80 2.73	32.15 0.86 2.73	28.00 0.78 1.00	27.26 0.96 1.22	26.73 0.91 0.22	27.14 0.77 -4.05	27.25 0.74 -2.09	26.10 0.64 -2.29	29.10 0.75 -0.31	30.63 0.78 0.21	32.17 0.93 2.12	33.40 1.04 2.63	31.52 0.97 1.28	31.05 0.90 1.36	30.79 0.87 -0.11	30.06 0.84 0.00	30.41 0.87 0.00	28.74 0.98 0.00	28.71 0.96 -0.58	29.06 0.85 0.00	28.55 0.85 0.00	26.77 0.80 0.00	22.80 0.74 0.00	22.72 0.73 0.00
ALTONA_WT_PWR 323606	34.02 1.20 1.20	34.11 1.29 1.19	28.64 1.05 0.63	27.44 0.46 0.53	25.99 0.05 0.10	22.19 -0.10 0.03	24.55 0.15 0.03	23.72 0.57 0.02	29.13 1.12 0.04	31.04 1.26 0.27	34.13 1.39 0.62	35.43 1.22 0.77	32.41 1.01 0.43	32.17 1.06 0.40	30.91 1.10 0.01	30.43 1.20 0.00	30.73 1.20 0.00	28.62 0.86 0.00	28.19 1.02 0.00	29.30 1.09 0.00	28.65 0.95 0.00	26.70 0.72 0.00	22.39 0.33 0.00	22.34 0.34 0.00
AMERICAN_REF_FUEL 24010	28.63 -1.57 3.81	28.54 -1.67 3.81	24.94 -1.26 2.03	24.38 -1.44 1.70	24.43 -1.30 0.31	20.94 -1.28 0.11	23.05 -1.29 0.09	21.76 -1.32 0.09	26.24 -1.62 0.18	27.07 -1.70 1.28	28.14 -2.26 2.96	28.83 -2.49 3.66	27.58 -2.19 2.07	27.81 -1.81 1.89	27.93 -1.85 0.04	27.45 -1.78 0.00	27.49 -2.04 0.00	25.88 -1.88 0.00	25.16 -2.05 -0.04	26.03 -2.18 0.00	25.49 -2.21 0.00	23.89 -2.01 0.07	20.37 -1.46 0.24	16.39 -1.12 4.48
ARKWRIGHT___SUMMIT_WT_PWR 323751	30.69 0.36 3.69	30.29 -0.04 3.69	25.99 -0.27 1.96	25.24 -0.63 1.64	25.32 -0.42 0.30	21.79 -0.43 0.11	23.97 -0.37 0.08	22.89 -0.18 0.09	27.71 -0.16 0.17	28.63 -0.18 1.24	30.07 -0.42 2.87	30.99 -0.45 3.56	29.58 -0.25 2.01	29.79 0.12 1.83	29.84 0.06 0.04	29.25 0.02 0.00	29.13 -0.40 0.00	27.31 -0.45 0.00	26.62 -0.59 -0.04	27.51 -0.70 0.00	26.73 -0.97 0.00	24.94 -0.96 0.08	20.89 -0.92 0.25	16.36 -0.85 4.78
ARTHUR_KILL_GT_1 23520	32.80 1.77 2.98	32.85 1.86 3.03	30.31 1.64 -0.45	28.08 1.70 1.14	27.42 1.59 0.21	37.39 1.37 -13.70	32.99 1.45 -7.12	32.35 1.41 -7.77	31.14 1.69 -1.40	33.37 1.66 -1.66	33.43 2.06 1.99	33.17 2.09 3.90	32.92 2.05 0.96	32.19 2.01 1.32	32.78 1.94 -1.03	31.74 1.79 -0.72	31.31 1.78 0.00	29.64 1.87 0.00	29.35 1.88 -0.30	37.45 1.76 -7.48	37.44 1.80 -7.93	30.01 1.80 -2.24	23.66 1.60 0.00	23.58 1.59 0.00
ARTHUR_KILL_2 23512	32.68 1.64 2.98	32.73 1.74 3.03	30.22 1.55 -0.45	27.99 1.61 1.14	27.33 1.50 0.21	37.32 1.30 -13.70	32.91 1.37 -7.12	32.28 1.34 -7.77	31.04 1.59 -1.40	33.27 1.56 -1.66	33.31 1.94 1.99	33.03 1.95 3.90	32.79 1.91 0.96	32.07 1.89 1.32	32.66 1.81 -1.03	31.61 1.66 -0.72	31.18 1.65 0.00	29.52 1.76 0.00	29.23 1.77 -0.30	37.34 1.65 -7.48	37.34 1.70 -7.93	29.91 1.69 -2.24	23.58 1.52 0.00	23.51 1.51 0.00
ARTHUR_KILL_3 23513	33.08 1.74 2.67	32.85 1.82 2.98	30.25 1.58 -0.45	28.00 1.62 1.14	27.34 1.51 0.21	37.34 1.31 -13.70	32.89 1.35 -7.12	32.31 1.37 -7.77	31.11 1.66 -1.41	33.34 1.59 -1.70	33.21 1.84 1.99	34.60 2.08 2.46	33.27 2.09 0.65	32.55 2.05 1.01	32.94 1.96 -1.16	31.76 1.82 -0.71	31.31 1.78 0.00	29.62 1.85 0.00	29.30 1.83 -0.30	37.40 1.71 -7.47	37.42 1.79 -7.93	29.99 1.77 -2.25	23.60 1.54 0.00	23.51 1.51 0.00
ARTHUR_KILL_COGEN 323718	32.80 1.77 2.98	32.85 1.86 3.03	30.31 1.64 -0.45	28.08 1.70 1.14	27.42 1.59 0.21	37.39 1.37 -13.70	32.99 1.45 -7.12	32.35 1.41 -7.77	31.14 1.69 -1.40	33.37 1.66 -1.66	33.43 2.06 1.99	33.17 2.09 3.90	32.92 2.05 0.96	32.19 2.01 1.32	32.78 1.94 -1.03	31.74 1.79 -0.72	31.31 1.78 0.00	29.64 1.87 0.00	29.35 1.88 -0.30	37.45 1.76 -7.48	37.44 1.80 -7.93	30.01 1.80 -2.24	23.66 1.60 0.00	23.58 1.59 0.00
ASHOKAN____ 23654	32.81 1.44 2.65	32.81 1.43 2.64	28.30 1.21 1.13	27.69 1.35 1.18	27.09 1.27 0.22	25.46 1.11 -2.02	26.46 1.00 -1.03	25.22 0.91 -1.14	29.21 1.17 0.00	30.54 1.31 0.81	32.92 1.61 2.05	34.26 1.81 2.55	32.05 1.66 1.44	31.75 1.55 1.31	31.22 1.36 -0.04	30.70 1.47 0.00	31.07 1.54 0.00	29.46 1.69 0.00	29.32 1.71 -0.45	29.84 1.63 0.00	29.28 1.58 0.00	27.38 1.41 0.00	23.26 1.20 0.00	23.11 1.12 0.00

ASTORIA_EAST_ENERGY_CC1 323581	33.30 1.85 2.56	33.40 1.95 2.56	30.38 1.70 -0.45	28.11 1.73 1.14	27.44 1.61 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.35 1.41 -7.77	31.13 1.69 -1.41	33.45 1.70 -1.70	33.32 1.94 1.99	34.68 2.16 2.46	33.31 2.13 0.65	32.34 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.28 1.76 0.00	29.61 1.85 0.00	29.28 1.81 -0.30	29.93 1.72 0.00	29.55 1.84 0.00	27.82 1.85 0.00	23.71 1.65 0.00	23.61 1.62 0.00
ASTORIA_EAST_ENERGY_CC2 323582	33.30 1.85 2.56	33.40 1.95 2.56	30.38 1.70 -0.45	28.11 1.73 1.14	27.44 1.61 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.35 1.41 -7.77	31.13 1.69 -1.41	33.45 1.70 -1.70	33.32 1.94 1.99	34.68 2.16 2.46	33.31 2.13 0.65	32.34 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.28 1.76 0.00	29.61 1.85 0.00	29.28 1.81 -0.30	29.93 1.72 0.00	29.55 1.84 0.00	27.82 1.85 0.00	23.71 1.65 0.00	23.61 1.62 0.00
ASTORIA_GT2_1 24094	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.37 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.36 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.63 0.00
ASTORIA_GT2_2 24095	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.37 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.36 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.63 0.00
ASTORIA_GT2_3 24096	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.37 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.36 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.63 0.00
ASTORIA_GT2_4 24097	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.37 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.36 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.63 0.00
ASTORIA_GT3_1 24098	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.37 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.36 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.63 0.00
ASTORIA_GT3_2 24099	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12																	

ASTORIA_GT_10 24110	33.34 1.88 2.56	33.43 1.98 2.56	30.37 1.69 -0.45	28.10 1.72 1.14	27.44 1.62 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.43 -7.77	31.17 1.72 -1.41	33.47 1.73 -1.70	33.32 1.94 1.99	34.66 2.13 2.46	33.30 2.11 0.65	32.34 2.11 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.32 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA_GT_11 24225	33.34 1.88 2.56	33.43 1.98 2.56	30.37 1.69 -0.45	28.10 1.72 1.14	27.44 1.62 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.43 -7.77	31.17 1.72 -1.41	33.47 1.73 -1.70	33.32 1.94 1.99	34.66 2.13 2.46	33.30 2.11 0.65	32.34 2.11 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.32 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA_GT_12 24226	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.73 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA_GT_13 24227	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.73 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA_GT_5 24106	33.40 1.95 2.56	33.50 2.04 2.56	30.46 1.79 -0.45	28.17 1.79 1.14	27.51 1.68 0.21	37.49 1.47 -13.70	33.07 1.53 -7.12	32.41 1.46 -7.77	31.21 1.76 -1.41	33.53 1.79 -1.70	33.42 2.04 1.99	34.77 2.25 2.46	33.40 2.22 0.65	32.43 2.20 1.27	32.35 2.11 -0.42	31.14 1.92 0.00	31.37 1.84 0.00	29.70 1.93 0.00	29.36 1.90 -0.30	30.01 1.80 0.00	29.63 1.93 0.00	27.90 1.93 0.00	23.77 1.71 0.00	23.67 1.67 0.00
ASTORIA_GT_7 24107	33.40 1.95 2.56	33.50 2.04 2.56	30.46 1.79 -0.45	28.17 1.79 1.14	27.51 1.68 0.21	37.49 1.47 -13.70	33.07 1.53 -7.12	32.41 1.46 -7.77	31.21 1.76 -1.41	33.53 1.79 -1.70	33.42 2.04 1.99	34.77 2.25 2.46	33.40 2.22 0.65	32.43 2.20 1.27	32.35 2.11 -0.42	31.14 1.92 0.00	31.37 1.84 0.00	29.70 1.93 0.00	29.36 1.90 -0.30	30.01 1.80 0.00	29.63 1.93 0.00	27.90 1.93 0.00	23.77 1.71 0.00	23.67 1.67 0.00
ASTORIA_GT_8 24108	33.40 1.95 2.56	33.50 2.04 2.56	30.46 1.79 -0.45	28.18 1.80 1.14	27.51 1.68 0.21	37.48 1.46 -13.70	33.07 1.53 -7.12	32.41 1.47 -7.77	31.21 1.76 -1.41	33.54 1.79 -1.70	33.41 2.03 1.99	34.78 2.26 2.46	33.41 2.22 0.65	32.44 2.20 1.27	32.35 2.11 -0.42	31.15 1.92 0.00	31.37 1.84 0.00	29.69 1.93 0.00	29.36 1.89 -0.30	30.01 1.80 0.00	29.63 1.93 0.00	27.90 1.93 0.00	23.77 1.71 0.00	23.67 1.68 0.00
ASTORIA___2 24149	33.33 1.87 2.56	33.43 1.97 2.56	30.40 1.73 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.36 1.42 -7.77	31.15 1.70 -1.41	33.47 1.72 -1.70	33.33 1.96 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.35 2.12 1.27	32.27 2.03 -0.42	31.07 1.84 0.00	31.30 1.78 0.00	29.62 1.86 0.00	29.29 1.82 -0.30	29.94 1.73 0.00	29.56 1.86 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.62 0.00
ASTORIA___3 23516	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.72 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA___4 23517	33.34 1.88 2.56	33.43 1.98 2.56	30.37 1.69 -0.45	28.10 1.72 1.14	27.44 1.62 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.43 -7.77	31.17 1.72 -1.41	33.47 1.73 -1.70	33.32 1.94 1.99	34.66 2.13 2.46	33.30 2.11 0.65	32.34 2.11 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.32 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
ASTORIA___5 23518	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.72 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
AST_ENERGY_2_CC3 323677	33.30 1.85 2.56	33.40 1.94 2.56	30.32 1.64 -0.45	28.06 1.68 1.14	27.41 1.58 0.21	37.39 1.37 -13.70	32.95 1.42 -7.12	32.35 1.41 -7.77	31.15 1.70 -1.41	33.43 1.68 -1.70	33.29 1.91 1.99	34.66 2.14 2.46	33.31 2.12 0.65	32.33 2.09 1.27	32.25 2.01 -0.42	31.09 1.86 0.00	31.35 1.81 0.00	29.66 1.90 0.00	29.33 1.87 -0.30	29.95 1.74 0.00	29.53 1.83 0.00	27.79 1.82 0.00	23.67 1.61 0.00	23.60 1.60 0.00
AST_ENERGY_2_CC4 323678	33.30 1.85 2.56	33.40 1.94 2.56	30.32 1.64 -0.45	28.06 1.68 1.14	27.41 1.58 0.21	37.39 1.37 -13.70	32.95 1.42 -7.12	32.35 1.41 -7.77	31.15 1.70 -1.41	33.43 1.68 -1.70	33.29 1.91 1.99	34.66 2.14 2.46	33.31 2.12 0.65	32.33 2.09 1.27	32.25 2.01 -0.42	31.09 1.86 0.00	31.35 1.81 0.00	29.66 1.90 0.00	29.33 1.87 -0.30	29.95 1.74 0.00	29.53 1.83 0.00	27.79 1.82 0.00	23.67 1.61 0.00	23.60 1.60 0.00
ATHENS_STG_1 23668	32.17 0.81 2.66	32.25 0.89 2.65	28.14 0.80 0.89	27.31 0.98 1.18	26.76 0.93 0.22	27.39 0.80 -4.27	27.39 0.76 -2.20	26.26 0.68 -2.41	29.20 0.80 -0.36	30.77 0.81 0.09	32.25 0.96 2.07	33.51 1.08 2.56	31.68 1.05 1.21	31.18 0.99 1.32	30.89 0.96 -0.11	30.13 0.90 0.00	30.43 0.90 0.00	28.74 0.98 0.00	28.45 0.96 -0.32	29.06 0.85 0.00	28.59 0.89 0.00	26.83 0.85 0.00	22.85 0.79 0.00	22.79 0.79 0.00
ATHENS_STG_2 23670	32.17 0.81 2.66	32.25 0.89 2.65	28.14 0.80 0.89	27.31 0.98 1.18	26.76 0.93 0.22	27.39 0.80 -4.27	27.39 0.76 -2.20	26.26 0.68 -2.41	29.20 0.80 -0.36	30.77 0.81 0.09	32.25 0.96 2.07	33.51 1.08 2.56	31.68 1.05 1.21	31.18 0.99 1.32	30.89 0.96 -0.11	30.13 0.90 0.00	30.43 0.90 0.00	28.74 0.98 0.00	28.45 0.96 -0.32	29.06 0.85 0.00	28.59 0.89 0.00	26.83 0.85 0.00	22.85 0.79 0.00	22.79 0.79 0.00

ATHENS_STG_3 23677	32.17 0.81 2.66	32.25 0.89 2.65	28.14 0.80 0.89	27.31 0.98 1.18	26.76 0.93 0.22	27.39 0.80 -4.27	27.39 0.76 -2.20	26.26 0.68 -2.41	29.20 0.80 -0.36	30.77 0.81 0.09	32.25 0.96 2.07	33.51 1.08 2.56	31.68 1.05 1.21	31.18 0.99 1.32	30.89 0.96 -0.11	30.13 0.90 0.00	30.43 0.90 0.00	28.74 0.98 0.00	28.45 0.96 -0.32	29.06 0.85 0.00	28.59 0.89 0.00	26.83 0.85 0.00	22.85 0.79 0.00	22.79 0.79 0.00
AUBURN____LFGE 323710	32.33 0.48 2.16	32.22 0.37 2.16	27.33 0.25 1.15	26.66 0.10 0.96	26.02 0.15 0.18	22.39 0.13 0.06	24.53 0.15 0.05	23.26 0.14 0.06	28.08 0.14 0.11	29.53 0.23 0.75	31.75 0.13 1.74	33.09 0.26 2.16	30.81 0.18 1.22	30.74 0.34 1.11	29.98 0.18 0.03	29.57 0.34 0.00	29.88 0.36 0.00	28.09 0.33 0.00	27.50 0.31 -0.03	28.64 0.43 0.00	28.08 0.38 0.00	26.37 0.38 -0.01	22.32 0.22 -0.04	22.97 0.19 -0.78
BABYLON_RES_REC 323704	33.96 2.50 2.56	34.35 2.89 2.56	35.98 2.47 -5.29	34.42 2.47 -4.44	33.13 2.33 -4.77	47.49 2.01 -23.15	40.47 2.14 -13.92	33.36 2.10 -8.09	31.89 2.46 -1.40	48.78 2.56 -16.17	46.84 2.81 -10.67	36.46 3.00 1.53	37.34 2.83 -2.66	35.23 2.77 -0.95	36.07 2.55 -3.71	32.04 2.21 -0.60	31.57 2.04 0.00	29.50 1.73 0.00	29.12 1.65 -0.30	29.70 1.49 0.00	29.67 1.97 0.00	28.06 2.09 0.00	23.95 1.89 0.00	23.84 1.84 0.00
BABYLON__69_KV_BK2 356345	34.46 3.01 2.56	34.85 3.39 2.56	36.39 2.88 -5.29	34.81 2.85 -4.44	33.48 2.68 -4.77	47.80 2.32 -23.15	40.81 2.47 -13.92	33.70 2.44 -8.09	32.31 2.86 -1.40	49.21 2.99 -16.17	47.35 3.32 -10.67	37.01 3.55 1.53	37.86 3.36 -2.66	35.90 3.44 -0.95	36.84 3.31 -3.71	32.79 2.96 -0.60	32.32 2.79 0.00	30.20 2.43 0.00	29.77 2.30 -0.30	30.27 2.06 0.00	30.21 2.50 0.00	28.42 2.45 0.00	24.25 2.19 0.00	24.12 2.13 0.00
BARON_WINDS____WT_PWR 323822	30.46 -0.20 3.36	30.10 -0.56 3.35	26.10 -0.34 1.78	25.64 -0.39 1.50	25.47 -0.30 0.27	21.85 -0.37 0.10	23.89 -0.45 0.08	22.72 -0.36 0.08	27.43 -0.45 0.16	28.36 -0.55 1.13	30.10 -0.63 2.62	31.00 -0.74 3.25	29.47 -0.54 1.83	29.55 -0.29 1.67	29.49 -0.29 0.04	28.96 -0.27 0.00	29.15 -0.38 0.00	27.55 -0.21 0.00	26.77 -0.46 -0.05	27.76 -0.44 0.00	27.15 -0.56 0.00	25.02 -0.44 0.51	19.78 -0.57 1.71	-10.71 -0.62 32.09
BARRETT_IC_1 23704	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_10 23701	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_11 23702	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_12 23703	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_2 23705	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_3 23706	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_4 23707	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_5 23708	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_6 23709	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_7 23710	33.51 2.06 2.56	33.83 2.37 2.56	35.59 2.07 -5.29	34.08 2.12 -4.44	32.81 2.00 -4.77	47.21 1.73 -23.15	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.34 2.13 -16.17	46.28 2.25 -10.67	35.88 2.43 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.79 1.97 -0.60	31.32 1.79 0.00	29.43 1.66 0.00	29.07 1.60 -0.30	29.61 1.40 0.00	29.48 1.78 0.00	27.75 1.79 0.00	23.77 1.71 0.00	23.68 1.68 0.00

BARRETT_IC_8 23711	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT_IC_9 23700	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT___1 23545	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BARRETT___2 23546	33.50 2.04 2.56	33.82 2.37 2.56	35.59 2.07 -5.29	34.08 2.11 -4.45	32.81 2.00 -4.77	47.22 1.73 -23.16	40.15 1.81 -13.92	33.00 1.73 -8.09	31.43 1.99 -1.40	48.35 2.13 -16.17	46.28 2.25 -10.67	35.87 2.41 1.53	36.86 2.36 -2.66	34.87 2.42 -0.95	35.79 2.27 -3.71	31.80 1.97 -0.60	31.31 1.79 0.00	29.42 1.66 0.01	29.07 1.61 -0.29	29.61 1.40 0.00	29.48 1.78 0.00	27.76 1.79 0.00	23.77 1.71 -0.01	23.68 1.68 0.00
BATAVIA___115KV_TB1 55881	30.13 -0.03 3.86	29.97 -0.19 3.86	26.06 -0.11 2.05	25.46 -0.34 1.72	25.46 -0.27 0.32	21.85 -0.37 0.11	24.03 -0.31 0.09	22.75 -0.33 0.10	27.48 -0.38 0.18	28.58 -0.17 1.29	29.72 -0.64 3.00	30.65 -0.63 3.71	29.11 -0.63 2.09	29.32 -0.28 1.91	29.40 -0.37 0.04	28.89 -0.34 0.00	29.08 -0.45 0.00	27.49 -0.27 0.00	26.90 -0.30 -0.03	27.86 -0.34 0.00	27.25 -0.45 0.00	25.52 -0.40 0.05	21.67 -0.23 0.17	18.85 -0.05 3.10
BAYONEEC___CTG1 323682	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG10 323750	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG2 323683	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG3 323684	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG4 323685	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG5 323686	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG6 323687	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG7 323688	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG8 323689	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BAYONEEC___CTG9 323749	33.33 1.87 2.56	33.43 1.97 2.56	30.35 1.68 -0.45	28.10 1.71 1.14	27.44 1.61 0.21	37.41 1.39 -13.70	32.97 1.43 -7.12	32.39 1.44 -7.77	31.19 1.73 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.28 2.04 -0.42	31.11 1.88 0.00	31.37 1.85 0.00	29.69 1.92 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.57 1.87 0.00	27.83 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00

BEACON___LESR 323632	32.24 0.97 2.75	32.32 1.05 2.74	28.12 0.90 1.00	27.33 1.03 1.22	26.90 1.08 0.23	27.50 0.93 -4.25	27.46 0.84 -2.19	26.35 0.78 -2.40	29.22 0.86 -0.33	30.86 1.00 0.19	32.35 1.12 2.14	33.65 1.31 2.64	31.73 1.18 1.29	31.24 1.09 1.36	31.04 1.12 -0.11	30.32 1.09 0.00	30.63 1.10 0.00	28.97 1.20 0.00	29.03 1.21 -0.65	29.27 1.06 0.00	28.69 0.99 0.00	26.82 0.85 0.00	22.89 0.83 0.00	22.78 0.79 0.00
BEAVER RIVER___HYD 24048	32.14 0.33 2.20	31.51 -0.31 2.20	26.31 -0.74 1.17	25.40 -1.14 0.98	24.46 -1.40 0.18	21.95 -0.31 0.06	24.42 0.05 0.05	23.26 0.14 0.05	28.15 0.21 0.10	29.63 0.29 0.72	31.94 0.24 1.67	33.04 0.13 2.07	30.51 -0.16 1.17	29.88 -0.56 1.07	29.18 -0.61 0.02	28.68 -0.55 0.00	29.21 -0.32 0.00	27.55 -0.22 0.00	27.17 0.00 0.00	28.44 0.23 0.00	28.03 0.32 0.00	26.05 0.08 0.00	22.14 0.08 0.00	21.95 -0.05 0.00
BEEBEE_GT_13 23619	29.82 -0.23 3.96	29.71 -0.35 3.96	25.82 -0.30 2.10	25.31 -0.45 1.77	25.30 -0.41 0.33	21.76 -0.45 0.11	23.90 -0.44 0.09	22.66 -0.41 0.10	27.37 -0.49 0.19	28.32 -0.40 1.33	29.69 -0.60 3.07	30.50 -0.68 3.80	29.08 -0.61 2.15	29.15 -0.40 1.96	29.34 -0.44 0.04	28.88 -0.35 0.00	29.11 -0.42 0.00	27.48 -0.29 0.00	26.85 -0.35 -0.03	27.77 -0.44 0.00	27.17 -0.53 0.00	25.49 -0.48 0.00	21.70 -0.36 0.00	21.69 -0.31 0.00
BENSHRST_27_KV_BENSHRST_1 355998	33.75 2.29 2.56	33.83 2.37 2.56	30.69 2.01 -0.45	28.41 2.03 1.14	27.73 1.90 0.21	37.66 1.64 -13.70	33.28 1.74 -7.12	32.63 1.69 -7.77	31.49 2.04 -1.41	33.83 2.08 -1.70	33.76 2.39 1.99	35.10 2.58 2.46	33.71 2.52 0.65	33.09 2.50 0.92	34.08 2.40 -1.87	32.85 2.23 -1.40	31.71 2.18 0.00	30.01 2.24 0.00	29.68 2.21 -0.30	44.93 2.11 -14.61	45.13 2.21 -15.21	31.14 2.19 -2.97	23.99 1.94 0.00	23.90 1.91 0.00
BETHLEHEM___GRP 23843	31.62 0.36 2.75	31.71 0.44 2.74	27.67 0.44 1.00	26.94 0.64 1.22	26.44 0.62 0.23	27.06 0.51 -4.22	27.06 0.45 -2.18	25.91 0.36 -2.38	28.78 0.42 -0.32	30.28 0.42 0.19	31.78 0.55 2.14	32.99 0.65 2.64	31.17 0.61 1.29	30.66 0.52 1.36	30.43 0.50 -0.11	29.72 0.49 0.00	30.06 0.53 0.00	28.43 0.67 0.00	28.48 0.66 -0.65	28.71 0.50 0.00	28.20 0.50 0.00	26.42 0.45 0.00	22.52 0.46 0.00	22.44 0.45 0.00
BETHLEHEM___GS1 323560	31.62 0.36 2.75	31.71 0.44 2.74	27.67 0.44 1.00	26.94 0.64 1.22	26.44 0.62 0.23	27.06 0.51 -4.22	27.06 0.45 -2.18	25.91 0.36 -2.38	28.78 0.42 -0.32	30.28 0.42 0.19	31.78 0.55 2.14	32.98 0.64 2.64	31.16 0.61 1.29	30.66 0.52 1.36	30.43 0.50 -0.11	29.72 0.49 0.00	30.06 0.53 0.00	28.43 0.67 0.00	28.47 0.66 -0.65	28.71 0.50 0.00	28.20 0.50 0.00	26.42 0.45 0.00	22.52 0.46 0.00	22.44 0.45 0.00
BETHLEHEM___GS2 323561	31.62 0.36 2.75	31.71 0.44 2.74	27.67 0.44 1.00	26.94 0.64 1.22	26.44 0.62 0.23	27.06 0.51 -4.22	27.06 0.45 -2.18	25.91 0.36 -2.38	28.78 0.42 -0.32	30.28 0.42 0.19	31.78 0.55 2.14	32.98 0.64 2.64	31.16 0.61 1.29	30.66 0.52 1.36	30.43 0.50 -0.11	29.72 0.49 0.00	30.06 0.53 0.00	28.43 0.67 0.00	28.47 0.66 -0.65	28.71 0.50 0.00	28.20 0.50 0.00	26.42 0.45 0.00	22.52 0.46 0.00	22.44 0.45 0.00
BETHLEHEM___GS3 323562	31.62 0.36 2.75	31.71 0.44 2.74	27.67 0.44 1.00	26.94 0.64 1.22	26.44 0.62 0.23	27.06 0.51 -4.22	27.06 0.45 -2.18	25.91 0.36 -2.38	28.78 0.42 -0.32	30.28 0.42 0.19	31.78 0.55 2.14	32.98 0.64 2.64	31.16 0.61 1.29	30.66 0.52 1.36	30.43 0.50 -0.11	29.72 0.49 0.00	30.06 0.53 0.00	28.43 0.67 0.00	28.47 0.66 -0.65	28.71 0.50 0.00	28.20 0.50 0.00	26.42 0.45 0.00	22.52 0.46 0.00	22.44 0.45 0.00
BETHLEHEM___STEEL 23779	29.82 -0.45 3.74	29.67 -0.61 3.73	25.76 -0.48 1.98	25.14 -0.72 1.66	25.13 -0.61 0.31	21.56 -0.65 0.11	23.70 -0.64 0.08	22.46 -0.61 0.09	27.14 -0.73 0.18	28.05 -0.75 1.26	29.33 -1.12 2.90	30.11 -1.28 3.60	28.72 -1.09 2.03	28.92 -0.73 1.85	29.05 -0.73 0.04	28.55 -0.68 0.00	28.64 -0.89 0.00	26.98 -0.78 0.00	26.18 -1.03 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.81 -1.07 0.09	20.96 -0.80 0.30	15.68 -0.61 5.71
BETHLHEM_115KV_TB1 79974	31.72 0.45 2.75	31.80 0.53 2.74	27.73 0.50 1.00	27.01 0.71 1.22	26.49 0.68 0.23	27.09 0.57 -4.19	27.10 0.51 -2.16	25.95 0.41 -2.37	28.85 0.48 -0.32	30.35 0.49 0.20	31.86 0.63 2.13	33.07 0.73 2.64	31.24 0.69 1.28	30.74 0.60 1.36	30.50 0.57 -0.11	29.79 0.57 0.00	30.12 0.59 0.00	28.49 0.73 0.00	28.51 0.71 -0.63	28.77 0.56 0.00	28.27 0.57 0.00	26.49 0.52 0.00	22.57 0.51 0.00	22.49 0.50 0.00
BETHPAGE_CC_5 323564	33.91 2.45 2.56	34.26 2.80 2.56	35.90 2.38 -5.29	34.35 2.39 -4.44	33.06 2.26 -4.77	47.43 1.96 -23.15	40.40 2.06 -13.92	33.29 2.03 -8.09	31.82 2.38 -1.40	48.69 2.47 -16.17	46.73 2.70 -10.67	36.36 2.90 1.53	37.31 2.81 -2.66	35.31 2.85 -0.95	36.22 2.69 -3.71	32.26 2.43 -0.60	31.82 2.29 0.00	29.84 2.07 0.00	29.44 1.98 -0.30	29.96 1.75 0.00	29.82 2.12 0.00	28.02 2.05 0.00	23.91 1.85 0.00	23.79 1.80 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	29.92 -0.38 3.73	29.77 -0.53 3.72	25.82 -0.42 1.98	25.20 -0.66 1.66	25.18 -0.55 0.31	21.62 -0.60 0.11	23.76 -0.58 0.08	22.52 -0.55 0.09	27.22 -0.65 0.18	28.14 -0.66 1.25	29.45 -1.01 2.90	30.23 -1.17 3.58	28.83 -0.99 2.02	29.04 -0.61 1.85	29.17 -0.60 0.04	28.68 -0.55 0.00	28.78 -0.75 0.00	27.12 -0.65 0.00	26.30 -0.91 -0.04	27.19 -1.02 0.00	26.60 -1.10 0.00	24.92 -0.97 0.09	21.05 -0.72 0.29	16.10 -0.53 5.37
BINGHAMTON___COGEN 23790	31.38 0.28 2.91	31.32 0.21 2.91	26.77 0.09 1.55	26.29 0.07 1.30	25.89 0.09 0.24	22.29 0.05 0.08	24.36 0.01 0.07	23.17 0.07 0.07	27.97 0.06 0.14	29.12 0.06 0.99	31.14 0.06 2.29	32.25 0.10 2.83	30.41 0.17 1.60	30.31 0.26 1.46	30.06 0.28 0.03	29.51 0.29 0.00	29.79 0.26 0.00	28.13 0.36 0.00	27.49 0.23 -0.08	28.42 0.21 0.00	27.88 0.18 0.00	26.20 0.23 0.00	22.21 0.15 0.00	22.20 0.20 0.00
BIXINCNT_115KV_LOAD 355685	30.22 -0.14 3.66	29.92 -0.44 3.65	25.97 -0.31 1.94	25.37 -0.53 1.63	25.28 -0.46 0.30	21.71 -0.51 0.11	23.88 -0.46 0.08	22.56 -0.52 0.09	27.38 -0.49 0.17	28.38 -0.44 1.23	29.73 -0.79 2.84	30.44 -1.02 3.52	28.99 -0.86 1.99	29.21 -0.48 1.81	29.34 -0.44 0.04	28.84 -0.39 0.00	29.01 -0.52 0.00	27.37 -0.39 0.00	26.42 -0.79 -0.04	27.30 -0.91 0.00	26.82 -0.88 0.00	25.05 -0.86 0.06	21.08 -0.79 0.19	17.78 -0.71 3.51
BLACK RIVER___HYD 24047	32.71 0.51 1.82	32.03 -0.17 1.82	26.58 -0.68 0.97	25.62 -1.09 0.81	24.51 -1.38 0.15	22.01 -0.27 0.05	24.53 0.15 0.04	23.36 0.24 0.05	28.27 0.31 0.09	29.90 0.46 0.61	32.38 0.44 1.42	33.63 0.40 1.76	30.84 -0.01 1.00	30.06 -0.54 0.91	29.18 -0.62 0.02	28.68 -0.55 0.00	29.16 -0.37 0.00	27.64 -0.13 0.00	27.29 0.12 0.00	28.60 0.39 0.00	28.25 0.54 0.00	26.22 0.25 0.00	22.28 0.22 0.00	21.99 -0.01 0.00

BLACKRVR_115KV_TB2 79977	32.70 0.50 1.82	32.03 -0.17 1.82	26.57 -0.68 0.97	25.62 -1.09 0.81	24.51 -1.38 0.15	22.01 -0.27 0.05	24.53 0.15 0.04	23.36 0.24 0.05	28.27 0.31 0.09	29.90 0.46 0.61	32.38 0.44 1.42	33.62 0.40 1.76	30.83 -0.01 1.00	30.06 -0.54 0.91	29.18 -0.62 0.02	28.68 -0.55 0.00	29.16 -0.37 0.00	27.64 -0.13 0.00	27.29 0.12 0.00	28.60 0.39 0.00	28.25 0.55 0.00	26.22 0.25 0.00	22.28 0.22 0.00	21.99 -0.01 0.00
BLISS_WT_PWR 323608	30.24 -0.12 3.66	29.89 -0.47 3.65	25.95 -0.33 1.94	25.37 -0.53 1.63	25.26 -0.48 0.30	21.70 -0.52 0.11	23.86 -0.48 0.08	22.51 -0.57 0.09	27.33 -0.54 0.17	28.35 -0.47 1.23	29.70 -0.82 2.84	30.41 -1.06 3.52	28.95 -0.91 1.99	29.18 -0.51 1.81	29.31 -0.46 0.04	28.80 -0.43 0.00	28.98 -0.55 0.00	27.35 -0.42 0.00	26.37 -0.84 -0.04	27.24 -0.97 0.00	26.80 -0.90 0.00	24.99 -0.92 0.06	20.99 -0.89 0.19	17.64 -0.84 3.51
BLUE_CIRC_CHEM_DRP 24182	32.17 0.88 2.72	32.26 0.95 2.71	28.09 0.88 1.02	27.39 1.08 1.21	26.85 1.03 0.22	27.01 0.87 -3.82	27.22 0.83 -1.97	25.97 0.65 -2.16	29.08 0.75 -0.28	30.60 0.79 0.24	32.20 0.95 2.11	33.42 1.05 2.61	31.54 0.98 1.28	31.05 0.89 1.35	30.75 0.84 -0.10	30.06 0.83 0.00	30.40 0.87 0.00	28.75 0.99 0.00	28.69 0.97 -0.55	29.03 0.82 0.00	28.51 0.80 0.00	26.72 0.75 0.00	22.76 0.70 0.00	22.69 0.69 0.00
BOC_GAS_DRP 24189	31.93 0.63 2.72	32.01 0.71 2.72	27.89 0.66 0.99	27.15 0.84 1.21	26.63 0.81 0.22	27.06 0.68 -4.05	27.15 0.64 -2.09	26.00 0.54 -2.29	28.99 0.63 -0.31	30.49 0.65 0.21	32.02 0.78 2.11	33.24 0.87 2.62	31.39 0.83 1.28	30.91 0.76 1.35	30.64 0.72 -0.11	29.92 0.70 0.00	30.24 0.71 0.00	28.57 0.80 0.00	28.50 0.79 -0.54	28.89 0.68 0.00	28.39 0.69 0.00	26.62 0.65 0.00	22.68 0.62 0.00	22.62 0.62 0.00
BOONVILLE_115KV_TB1 79983	30.96 0.78 3.83	30.68 0.49 3.83	26.41 0.22 2.04	25.91 0.10 1.71	25.74 0.02 0.31	22.52 0.31 0.11	24.78 0.44 0.09	23.53 0.45 0.10	28.42 0.55 0.18	29.38 0.63 1.30	31.03 0.68 3.02	31.92 0.69 3.76	30.26 0.55 2.12	30.00 0.43 1.94	30.27 0.49 0.04	29.70 0.47 0.00	30.18 0.65 0.00	28.48 0.71 0.00	27.92 0.75 0.00	29.08 0.87 0.00	28.57 0.87 0.00	26.68 0.71 0.00	22.64 0.58 0.00	22.49 0.50 0.00
BORALEX_4TH_BRANCH 23824	32.67 1.43 2.78	32.93 1.69 2.77	28.77 1.52 0.97	28.04 1.75 1.24	27.48 1.67 0.23	28.55 1.42 -4.81	28.36 1.45 -2.49	27.20 1.30 -2.72	29.93 1.51 -0.38	31.52 1.60 0.13	33.02 1.81 2.16	34.24 1.93 2.67	32.24 1.68 1.28	31.60 1.47 1.38	31.28 1.33 -0.13	30.58 1.35 0.00	30.94 1.41 0.00	29.36 1.60 0.00	29.53 1.60 -0.77	29.62 1.41 0.00	29.08 1.38 0.00	27.24 1.27 0.00	23.28 1.22 0.00	23.27 1.27 0.00
BOWLINE___1 23526	32.86 1.38 2.53	32.95 1.47 2.53	25.60 1.20 3.82	27.65 1.26 1.13	27.04 1.21 0.21	8.86 1.06 14.53	17.99 1.16 7.59	16.04 1.13 8.26	27.47 1.32 1.89	27.33 1.30 4.02	32.91 1.52 1.97	34.25 1.71 2.44	31.19 1.69 2.33	31.90 1.65 1.26	30.90 1.59 0.50	30.70 1.48 0.00	31.01 1.49 0.00	29.31 1.54 0.00	28.97 1.52 -0.28	29.58 1.38 0.00	29.16 1.46 0.00	27.40 1.43 0.00	23.33 1.27 0.00	23.25 1.26 0.00
BOWLINE___2 23595	32.92 1.44 2.53	33.01 1.53 2.53	25.65 1.25 3.83	27.69 1.30 1.13	27.07 1.24 0.21	8.87 1.09 14.54	18.00 1.17 7.59	16.05 1.14 8.27	27.50 1.35 1.89	27.37 1.34 4.02	32.97 1.58 1.97	34.31 1.77 2.44	31.24 1.74 2.33	31.95 1.70 1.26	30.95 1.64 0.50	30.76 1.53 0.00	31.07 1.54 0.00	29.36 1.60 0.00	29.01 1.56 -0.28	29.64 1.43 0.00	29.21 1.50 0.00	27.45 1.47 0.00	23.36 1.30 0.00	23.29 1.29 0.00
BRADY___115KV_TB2 356060	33.18 0.48 1.32	33.11 0.41 1.31	27.81 0.28 0.70	27.03 0.09 0.58	25.97 0.04 0.11	22.39 0.11 0.04	24.63 0.23 0.03	23.43 0.28 0.02	28.39 0.39 0.05	30.20 0.47 0.32	33.07 0.46 0.75	34.46 0.40 0.93	31.56 0.25 0.52	31.19 0.16 0.48	30.00 0.19 0.01	29.45 0.22 0.00	29.86 0.33 0.00	27.84 0.07 0.00	27.31 0.14 0.00	28.48 0.27 0.00	27.97 0.27 0.00	26.19 0.22 0.00	22.12 0.06 0.00	22.08 0.09 0.00
BRANSCOMB___SOLAR 323811	32.74 1.56 2.84	32.83 1.64 2.83	28.59 1.41 1.04	27.77 1.52 1.26	27.24 1.44 0.23	27.79 1.22 -4.25	27.85 1.24 -2.19	26.70 1.13 -2.40	29.75 1.39 -0.32	31.33 1.50 0.22	32.87 1.71 2.20	34.11 1.84 2.73	32.19 1.68 1.33	31.66 1.56 1.40	31.48 1.55 -0.11	30.87 1.64 0.00	31.17 1.64 0.00	29.56 1.79 0.00	29.92 1.82 -0.93	29.91 1.70 0.00	29.34 1.64 0.00	27.46 1.49 0.00	23.37 1.31 0.00	23.25 1.25 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	34.05 2.59 2.56	34.48 3.03 2.56	36.12 2.61 -5.29	34.57 2.61 -4.44	33.28 2.47 -4.77	47.62 2.14 -23.15	40.60 2.26 -13.92	33.50 2.24 -8.09	32.06 2.62 -1.40	48.92 2.70 -16.17	47.02 2.99 -10.67	36.66 3.21 1.53	37.51 3.02 -2.66	35.58 3.12 -0.95	36.55 3.02 -3.71	32.50 2.67 -0.60	31.98 2.45 0.00	29.80 2.04 0.00	29.41 1.95 -0.30	29.87 1.67 0.00	29.85 2.15 0.00	28.08 2.11 0.00	23.98 1.92 0.00	23.87 1.88 0.00
BRISTLHL_115KV_TB1 79998	32.98 -0.54 0.49	32.91 -0.62 0.49	27.40 -0.56 0.26	26.75 -0.55 0.22	25.45 -0.54 0.04	21.82 -0.49 0.01	23.90 -0.51 0.01	22.68 -0.48 0.02	27.40 -0.61 0.03	29.22 -0.61 0.22	32.20 -0.65 0.50	33.71 -0.65 0.62	30.85 -0.63 0.35	30.60 -0.58 0.32	29.11 -0.70 0.01	28.56 -0.67 0.00	28.84 -0.69 0.00	27.19 -0.57 0.00	26.62 -0.55 0.00	27.64 -0.57 0.00	27.14 -0.56 0.00	25.42 -0.55 0.00	21.59 -0.47 0.00	21.54 -0.46 0.00
BROOKHAVEN___DRP 24191	33.84 2.38 2.56	34.34 2.88 2.56	35.92 2.40 -5.29	34.33 2.37 -4.44	33.04 2.24 -4.77	47.41 1.93 -23.15	40.38 2.04 -13.92	33.30 2.04 -8.09	31.85 2.40 -1.40	48.71 2.49 -16.17	46.83 2.80 -10.67	36.45 3.00 1.53	37.39 2.90 -2.66	35.38 2.92 -0.95	36.45 2.92 -3.71	32.40 2.57 -0.60	31.83 2.30 0.00	29.66 1.90 0.00	29.24 1.77 -0.30	29.71 1.50 0.00	29.74 2.04 0.00	27.91 1.94 0.00	23.88 1.82 0.00	23.79 1.79 0.00
BROOKLYN_NAVY_YARD 23515	33.34 1.89 2.56	33.43 1.97 2.56	30.33 1.65 -0.45	28.07 1.70 1.14	27.42 1.59 0.21	37.40 1.38 -13.70	32.96 1.42 -7.12	32.36 1.42 -7.77	31.17 1.72 -1.41	33.44 1.69 -1.70	33.30 1.93 1.99	34.68 2.15 2.46	33.32 2.13 0.65	32.33 2.09 1.27	32.26 2.02 -0.42	31.09 1.86 0.00	31.37 1.84 0.00	29.68 1.92 0.00	29.34 1.88 -0.30	29.98 1.77 0.00	29.56 1.86 0.00	27.81 1.84 0.00	23.69 1.63 0.00	23.61 1.61 0.00
BROOKLYN___ARMY_DRP 323595	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00



BROOKVLE_69_KV_TB1 55790	33.90 2.44 2.56	34.12 2.66 2.56	35.75 2.24 -5.29	34.21 2.25 -4.44	32.93 2.13 -4.77	47.31 1.84 -23.15	40.29 1.95 -13.92	33.16 1.90 -8.09	31.69 2.25 -1.40	48.58 2.35 -16.17	46.68 2.65 -10.67	36.33 2.88 1.53	37.30 2.80 -2.66	35.14 2.68 -0.95	36.09 2.56 -3.71	32.19 2.36 -0.60	31.79 2.26 0.00	29.93 2.17 0.00	29.53 2.07 -0.30	30.10 1.89 0.00	29.85 2.15 0.00	28.11 2.14 0.00	23.95 1.89 0.00	23.85 1.86 0.00
BROOME_2_LFGE 323671	31.38 0.27 2.91	31.32 0.21 2.91	26.77 0.09 1.55	26.29 0.07 1.30	25.89 0.09 0.24	22.29 0.05 0.08	24.37 0.01 0.07	23.17 0.07 0.07	27.97 0.06 0.14	29.12 0.06 0.99	31.14 0.07 2.29	32.25 0.10 2.83	30.41 0.17 1.60	30.31 0.26 1.46	30.06 0.28 0.03	29.51 0.29 0.00	29.79 0.26 0.00	28.13 0.36 0.00	27.48 0.23 -0.08	28.42 0.21 0.00	27.88 0.18 0.00	26.20 0.22 0.00	22.21 0.15 0.00	22.20 0.20 0.00
BROOME___LFGE 323600	31.38 0.27 2.91	31.32 0.21 2.91	26.77 0.09 1.55	26.29 0.07 1.30	25.89 0.09 0.24	22.29 0.05 0.08	24.37 0.01 0.07	23.17 0.07 0.07	27.97 0.06 0.14	29.12 0.06 0.99	31.14 0.07 2.29	32.25 0.10 2.83	30.41 0.17 1.60	30.31 0.26 1.46	30.06 0.28 0.03	29.51 0.29 0.00	29.79 0.26 0.00	28.13 0.36 0.00	27.48 0.23 -0.08	28.42 0.21 0.00	27.88 0.18 0.00	26.20 0.22 0.00	22.21 0.15 0.00	22.20 0.20 0.00
BROWNFLS_115KV_TB_3_5 80003	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.11 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.05 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.54 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
BROWNSV1_27_KV_LOAD 356125	33.88 2.43 2.56	33.95 2.49 2.56	30.77 2.09 -0.45	28.49 2.11 1.14	27.81 1.98 0.21	37.73 1.71 -13.70	33.32 1.78 -7.12	32.70 1.76 -7.77	31.58 2.13 -1.41	33.90 2.15 -1.70	33.82 2.45 1.99	35.23 2.71 2.46	33.83 2.64 0.65	32.85 2.61 1.27	32.76 2.52 -0.42	31.58 2.36 0.00	31.85 2.32 0.00	30.13 2.36 0.00	29.79 2.32 -0.30	30.43 2.22 0.00	30.00 2.29 0.00	28.23 2.26 0.00	24.04 1.98 0.00	23.94 1.95 0.00
BURROWS___LYONSDAL 23803	31.22 0.64 3.44	30.80 0.23 3.43	26.29 -0.10 1.83	25.67 -0.32 1.53	25.30 -0.45 0.28	22.34 0.12 0.10	24.67 0.33 0.08	23.45 0.36 0.09	28.33 0.45 0.16	29.42 0.53 1.16	31.22 0.56 2.69	32.15 0.52 3.35	30.28 0.34 1.89	29.91 0.14 1.73	29.94 0.16 0.04	29.40 0.17 0.00	29.89 0.36 0.00	28.22 0.45 0.00	27.71 0.54 0.00	28.89 0.69 0.00	28.41 0.71 0.00	26.50 0.53 0.00	22.50 0.43 0.00	22.34 0.35 0.00
CAITHNESS_CC_1 323624	33.76 2.31 2.56	34.25 2.79 2.56	35.86 2.34 -5.29	34.29 2.33 -4.44	32.99 2.19 -4.77	47.38 1.90 -23.15	40.34 2.00 -13.92	33.26 2.00 -8.09	31.79 2.35 -1.40	48.64 2.42 -16.17	46.74 2.71 -10.67	36.36 2.90 1.53	37.31 2.81 -2.66	35.29 2.84 -0.95	36.36 2.83 -3.71	32.31 2.48 -0.60	31.74 2.21 0.00	29.60 1.84 0.00	29.18 1.71 -0.30	29.65 1.44 0.00	29.66 1.96 0.00	27.84 1.87 0.00	23.81 1.75 0.00	23.73 1.73 0.00
CALPINE BETH_PAGE_GT4 24209	33.92 2.47 2.56	34.27 2.81 2.56	35.89 2.38 -5.29	34.35 2.39 -4.44	33.07 2.26 -4.77	47.42 1.95 -23.15	40.40 2.06 -13.92	33.29 2.03 -8.09	31.82 2.38 -1.40	48.68 2.46 -16.17	46.68 2.65 -10.67	36.31 2.86 1.53	37.27 2.77 -2.66	35.26 2.80 -0.95	36.17 2.65 -3.71	32.23 2.40 -0.60	31.80 2.26 0.00	29.82 2.05 0.00	29.42 1.96 -0.30	29.94 1.74 0.00	29.79 2.09 0.00	27.99 2.02 0.00	23.88 1.82 0.00	23.77 1.77 0.00
CALPINE_BETH_PAGE_GT_4 323586	33.92 2.46 2.56	34.25 2.79 2.56	35.89 2.38 -5.29	34.34 2.38 -4.44	33.06 2.26 -4.77	47.42 1.95 -23.15	40.40 2.06 -13.92	33.29 2.03 -8.09	31.82 2.37 -1.40	48.69 2.46 -16.17	46.68 2.65 -10.67	36.31 2.86 1.53	37.26 2.76 -2.66	35.26 2.80 -0.95	36.17 2.65 -3.71	32.23 2.40 -0.60	31.80 2.26 0.00	29.82 2.05 0.00	29.42 1.96 -0.30	29.95 1.74 0.00	29.79 2.09 0.00	27.99 2.02 0.00	23.88 1.82 0.00	23.77 1.77 0.00
CALPINE_BP_GT1 23823	33.92 2.46 2.56	34.25 2.79 2.56	35.89 2.38 -5.29	34.34 2.38 -4.44	33.06 2.26 -4.77	47.42 1.95 -23.15	40.40 2.06 -13.92	33.29 2.03 -8.09	31.82 2.37 -1.40	48.69 2.46 -16.17	46.68 2.65 -10.67	36.31 2.86 1.53	37.26 2.76 -2.66	35.26 2.80 -0.95	36.17 2.65 -3.71	32.23 2.40 -0.60	31.80 2.26 0.00	29.82 2.05 0.00	29.42 1.96 -0.30	29.95 1.74 0.00	29.79 2.09 0.00	27.99 2.02 0.00	23.88 1.82 0.00	23.77 1.77 0.00
CALSPAN___DRP 24200	29.82 -0.45 3.74	29.67 -0.61 3.73	25.76 -0.48 1.98	25.14 -0.72 1.66	25.13 -0.61 0.31	21.56 -0.65 0.11	23.70 -0.64 0.08	22.46 -0.61 0.09	27.14 -0.73 0.18	28.05 -0.75 1.26	29.33 -1.12 2.90	30.11 -1.28 3.60	28.72 -1.09 2.03	28.92 -0.73 1.85	29.05 -0.73 0.04	28.55 -0.68 0.00	28.64 -0.89 0.00	26.98 -0.78 0.00	26.18 -1.03 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.81 -1.07 0.09	20.96 -0.80 0.30	15.68 -0.61 5.71
CALVERTON___SOLAR 323806	33.98 2.53 2.56	34.48 3.03 2.56	36.02 2.50 -5.29	34.43 2.47 -4.44	33.12 2.32 -4.77	47.49 2.01 -23.15	40.47 2.13 -13.92	33.39 2.13 -8.09	31.96 2.52 -1.40	48.85 2.63 -16.17	46.98 2.96 -10.67	36.61 3.16 1.53	37.57 3.07 -2.66	35.52 3.06 -0.95	36.61 3.08 -3.71	32.56 2.74 -0.60	31.97 2.45 0.00	29.78 2.02 0.00	29.35 1.89 -0.30	29.84 1.63 0.00	29.87 2.17 0.00	28.04 2.07 0.00	23.98 1.92 0.00	23.88 1.88 0.00
CANDIGU_WT_PWR 323617	30.46 -0.20 3.36	30.10 -0.56 3.35	26.10 -0.34 1.78	25.64 -0.39 1.50	25.47 -0.30 0.27	21.85 -0.37 0.10	23.89 -0.45 0.08	22.72 -0.36 0.08	27.43 -0.45 0.16	28.36 -0.55 1.13	30.10 -0.63 2.62	31.00 -0.74 3.25	29.47 -0.54 1.83	29.55 -0.29 1.67	29.49 -0.29 0.04	28.96 -0.27 0.00	29.15 -0.38 0.00	27.55 -0.21 0.00	26.77 -0.46 -0.05	27.76 -0.44 0.00	27.15 -0.56 0.00	25.02 -0.44 0.51	19.78 -0.57 1.71	-10.71 -0.62 32.09
CARR STREET_E_SYR 24060	30.83 -0.29 2.90	30.76 -0.36 2.89	26.33 -0.35 1.54	25.86 -0.37 1.29	25.44 -0.36 0.24	21.91 -0.33 0.08	24.00 -0.36 0.07	22.76 -0.33 0.07	27.48 -0.43 0.14	28.65 -0.41 0.99	30.60 -0.47 2.29	31.59 -0.56 2.84	29.69 -0.54 1.60	29.56 -0.48 1.46	29.33 -0.45 0.03	28.81 -0.42 0.00	29.10 -0.43 0.00	27.45 -0.32 0.00	26.81 -0.35 0.00	27.82 -0.39 0.00	27.30 -0.40 0.00	25.58 -0.39 0.00	21.72 -0.34 0.00	21.66 -0.34 0.00
CARTHAGE___PAPER 23857	32.69 0.64 1.97	32.02 -0.02 1.97	26.65 -0.53 1.04	25.69 -0.95 0.88	24.65 -1.23 0.16	22.12 -0.15 0.06	24.63 0.25 0.05	23.45 0.33 0.05	28.39 0.43 0.09	29.95 0.55 0.66	32.39 0.55 1.52	33.58 0.47 1.88	30.87 0.10 1.06	30.16 -0.38 0.97	29.33 -0.47 0.02	28.85 -0.38 0.00	29.36 -0.17 0.00	27.69 -0.08 0.00	27.37 0.20 0.00	28.69 0.48 0.00	28.31 0.61 0.00	26.30 0.33 0.00	22.33 0.27 0.00	22.09 0.09 0.00

CASSADAGA_WT_PWR 323784	30.97 0.64 3.69	30.46 0.13 3.68	26.13 -0.14 1.96	25.31 -0.57 1.64	25.46 -0.28 0.30	21.94 -0.27 0.11	24.14 -0.20 0.08	23.09 0.01 0.09	27.97 0.10 0.17	28.92 0.11 1.24	30.40 -0.10 2.87	31.34 -0.10 3.55	29.93 0.10 2.00	30.13 0.45 1.83	30.17 0.39 0.04	29.60 0.37 0.00	29.41 -0.12 0.00	27.49 -0.28 0.00	26.88 -0.34 -0.04	27.80 -0.41 0.00	26.99 -0.71 0.00	25.18 -0.72 0.07	21.03 -0.79 0.24	16.65 -0.78 4.56
CE_DUNWOOD___DRP 24194	33.19 1.73 2.56	33.29 1.83 2.55	30.32 1.53 -0.57	27.96 1.58 1.14	27.32 1.49 0.21	37.64 1.29 -14.03	33.07 1.36 -7.29	32.46 1.33 -7.96	31.13 1.59 -1.49	33.55 1.61 -1.89	33.23 1.86 1.99	34.59 2.07 2.46	33.26 2.01 0.58	32.21 1.97 1.27	32.14 1.89 -0.43	31.00 1.76 0.00	31.28 1.75 0.00	29.56 1.80 0.00	29.22 1.75 -0.30	29.83 1.62 0.00	29.41 1.71 0.00	27.65 1.68 0.00	23.55 1.49 0.00	23.48 1.48 0.00
CE_MILLWOOD___DRP 24193	33.10 1.64 2.56	33.20 1.74 2.55	30.33 1.45 -0.65	27.88 1.50 1.14	27.26 1.43 0.21	37.77 1.24 -14.21	33.11 1.30 -7.38	32.50 1.27 -8.06	34.05 1.52 -4.49	41.99 1.53 -10.40	33.15 1.78 1.99	34.50 1.98 2.46	36.24 1.93 -2.48	32.12 1.89 1.27	32.07 1.81 -0.44	30.92 1.69 0.00	31.20 1.67 0.00	29.49 1.73 0.00	29.15 1.69 -0.29	29.77 1.56 0.00	29.35 1.65 0.00	27.58 1.61 0.00	23.49 1.43 0.00	23.42 1.42 0.00
CE_NYC2_DRP 24202	33.37 1.91 2.56	33.46 2.00 2.56	30.39 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.50 1.75 -1.70	33.34 1.97 1.99	34.68 2.16 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.25 2.01 -0.42	31.09 1.86 0.00	31.34 1.81 0.00	29.68 1.91 0.00	29.35 1.88 -0.30	29.97 1.76 0.00	29.57 1.87 0.00	27.84 1.87 0.00	23.72 1.66 0.00	23.63 1.63 0.00
CE_NYC_DRP 24195	33.40 1.94 2.56	33.50 2.04 2.56	30.39 1.71 -0.45	28.12 1.74 1.14	27.47 1.64 0.21	37.45 1.42 -13.70	33.01 1.47 -7.12	32.41 1.47 -7.77	31.21 1.76 -1.41	33.50 1.75 -1.70	33.37 2.00 1.99	34.75 2.22 2.46	33.39 2.19 0.65	32.40 2.17 1.27	32.33 2.09 -0.42	31.16 1.93 0.00	31.42 1.90 0.00	29.74 1.97 0.00	29.40 1.93 -0.30	30.02 1.81 0.00	29.61 1.91 0.00	27.85 1.88 0.00	23.72 1.66 0.00	23.64 1.64 0.00
CHAFFEE___LFGE 323603	30.05 -0.27 3.70	29.89 -0.43 3.69	25.91 -0.35 1.96	25.28 -0.60 1.65	25.23 -0.50 0.30	21.66 -0.56 0.11	23.82 -0.52 0.08	22.59 -0.49 0.09	27.28 -0.59 0.17	28.21 -0.60 1.24	29.56 -0.93 2.87	30.37 -1.06 3.56	28.94 -0.89 2.01	29.14 -0.53 1.83	29.25 -0.53 0.04	28.72 -0.51 0.00	28.83 -0.70 0.00	27.18 -0.59 0.00	26.36 -0.85 -0.04	27.26 -0.95 0.00	26.67 -1.04 0.00	25.01 -0.89 0.07	21.18 -0.64 0.25	16.95 -0.44 4.60
CHATEAUG_35_KV_LOAD 355732	33.79 0.99 1.22	33.84 1.04 1.22	28.41 0.84 0.65	27.26 0.28 0.54	25.85 -0.09 0.10	22.11 -0.18 0.04	24.47 0.07 0.03	23.64 0.49 0.02	28.96 0.95 0.04	30.83 1.06 0.28	33.85 1.14 0.65	35.18 1.00 0.81	32.19 0.81 0.45	31.95 0.86 0.41	30.70 0.89 0.01	30.18 0.95 0.00	30.50 0.97 0.00	28.42 0.65 0.00	27.95 0.78 0.00	29.07 0.86 0.00	28.45 0.75 0.00	26.52 0.55 0.00	22.26 0.20 0.00	22.19 0.20 0.00
CHATEAUG_WT_PWR 323614	33.83 1.01 1.20	33.89 1.07 1.19	28.46 0.87 0.63	27.30 0.31 0.53	25.85 -0.10 0.10	22.10 -0.19 0.03	24.46 0.06 0.03	23.63 0.48 0.02	28.97 0.96 0.04	30.87 1.09 0.27	33.92 1.18 0.62	35.25 1.04 0.77	32.25 0.85 0.43	32.00 0.89 0.40	30.74 0.93 0.01	30.23 1.00 0.00	30.55 1.01 0.00	28.47 0.70 0.00	28.00 0.84 0.00	29.11 0.90 0.00	28.49 0.78 0.00	26.54 0.57 0.00	22.28 0.21 0.00	22.21 0.22 0.00
CHAT_HIGH_FALL_HYD 323578	33.79 0.99 1.22	33.84 1.04 1.22	28.41 0.83 0.65	27.26 0.28 0.54	25.85 -0.09 0.10	22.11 -0.18 0.04	24.47 0.07 0.03	23.64 0.48 0.02	28.95 0.95 0.04	30.83 1.06 0.28	33.85 1.14 0.65	35.17 1.00 0.81	32.19 0.81 0.45	31.95 0.86 0.41	30.70 0.89 0.01	30.18 0.95 0.00	30.50 0.97 0.00	28.42 0.65 0.00	27.95 0.78 0.00	29.07 0.86 0.00	28.45 0.75 0.00	26.52 0.55 0.00	22.26 0.20 0.00	22.19 0.20 0.00
CHAUTAUQUA___LFGE 323629	30.50 0.19 3.71	30.23 -0.08 3.70	26.02 -0.24 1.97	25.30 -0.57 1.65	25.33 -0.41 0.31	21.78 -0.44 0.11	23.94 -0.40 0.08	22.84 -0.24 0.09	27.62 -0.25 0.17	28.53 -0.28 1.24	29.96 -0.53 2.88	30.84 -0.58 3.57	29.42 -0.40 2.01	29.63 -0.04 1.84	29.70 -0.08 0.04	29.16 -0.07 0.00	29.15 -0.38 0.00	27.40 -0.37 0.00	26.62 -0.59 -0.04	27.54 -0.67 0.00	26.84 -0.86 0.00	25.12 -0.77 0.08	21.08 -0.70 0.28	16.15 -0.57 5.28
CHERRYST_13_KV_LD 356241	33.52 2.06 2.56	33.62 2.16 2.56	30.49 1.81 -0.45	28.22 1.84 1.14	27.57 1.74 0.21	37.52 1.50 -13.70	33.09 1.55 -7.12	32.49 1.55 -7.77	31.32 1.87 -1.41	33.61 1.86 -1.70	33.50 2.13 1.99	34.88 2.36 2.46	33.51 2.32 0.65	32.52 2.29 1.27	32.45 2.21 -0.42	31.27 2.04 0.00	31.54 2.01 0.00	29.85 2.08 0.00	29.50 2.04 -0.30	30.12 1.91 0.00	29.71 2.01 0.00	27.95 1.98 0.00	23.80 1.74 0.00	23.72 1.72 0.00
CHESTROR_138KV_BK263 355645	32.84 1.32 2.50	32.92 1.40 2.50	26.57 1.15 2.80	27.61 1.20 1.11	26.98 1.14 0.21	12.84 0.98 10.46	19.99 1.04 5.47	18.23 1.01 5.95	27.88 1.19 1.35	28.24 1.21 3.01	32.85 1.43 1.94	34.19 1.61 2.40	31.39 1.56 2.01	31.80 1.53 1.24	30.92 1.47 0.37	30.62 1.40 0.00	30.93 1.41 0.00	29.22 1.45 0.00	28.86 1.43 -0.27	29.52 1.31 0.00	29.07 1.37 0.00	27.30 1.32 0.00	23.23 1.17 0.00	23.16 1.16 0.00
CH_MIDHUDSON___DRP 24192	33.10 1.65 2.58	33.19 1.74 2.57	28.76 1.47 0.93	27.90 1.53 1.15	27.28 1.45 0.21	28.52 1.25 -4.94	28.28 1.30 -2.56	27.22 1.25 -2.80	29.91 1.50 -0.36	31.45 1.55 0.15	33.17 1.81 2.00	34.53 2.03 2.48	32.56 1.93 1.21	32.11 1.88 1.28	31.75 1.80 -0.14	30.94 1.72 0.00	31.23 1.70 0.00	29.53 1.77 0.00	29.20 1.72 -0.31	29.81 1.60 0.00	29.36 1.66 0.00	27.56 1.59 0.00	23.48 1.42 0.00	23.40 1.40 0.00
CH_MISC_IPPS 23765	33.41 1.95 2.56	33.46 2.01 2.56	28.53 1.66 1.36	28.09 1.71 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.09 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.94 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.01 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.65 1.59 0.00	23.56 1.56 0.00
CH_RES_BVR_FALLS 23983	30.73 -0.17 3.11	30.57 -0.34 3.11	26.21 -0.36 1.65	25.72 -0.42 1.39	25.42 -0.36 0.25	22.05 -0.18 0.09	24.25 -0.10 0.07	23.00 -0.09 0.08	27.78 -0.11 0.15	28.87 -0.12 1.06	30.70 -0.21 2.46	31.68 -0.26 3.05	29.86 -0.25 1.72	29.62 -0.32 1.57	29.48 -0.31 0.04	28.89 -0.34 0.00	29.26 -0.28 0.00	27.53 -0.24 0.00	26.99 -0.18 0.00	28.09 -0.12 0.00	27.59 -0.11 0.00	25.79 -0.18 0.00	21.91 -0.15 0.00	21.80 -0.19 0.00

CH_RES_NIAGARA 23895	28.73 -1.46 3.83	28.65 -1.55 3.82	24.98 -1.21 2.04	24.41 -1.41 1.71	24.45 -1.28 0.31	20.95 -1.26 0.11	23.05 -1.29 0.09	21.78 -1.30 0.10	26.27 -1.59 0.18	27.11 -1.66 1.28	28.22 -2.17 2.97	28.80 -2.51 3.68	27.43 -2.33 2.08	27.63 -1.97 1.90	27.76 -2.02 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.30 -2.40 0.00	23.72 -2.17 0.07	20.24 -1.58 0.23	16.38 -1.21 4.41
CH_RES_SYRACUSE 23985	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.09 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.17 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.53 -0.18 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.17 -0.04 0.00	27.64 -0.07 0.00	25.91 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.10 0.00
CLINTON_WT_PWR 323605	33.83 1.01 1.20	33.89 1.07 1.19	28.46 0.87 0.63	27.30 0.31 0.53	25.85 -0.10 0.10	22.10 -0.19 0.03	24.46 0.06 0.03	23.63 0.48 0.02	28.97 0.96 0.04	30.87 1.09 0.27	33.92 1.18 0.62	35.25 1.04 0.77	32.25 0.85 0.43	32.00 0.89 0.40	30.74 0.93 0.01	30.23 1.00 0.00	30.55 1.01 0.00	28.47 0.70 0.00	28.00 0.84 0.00	29.11 0.90 0.00	28.49 0.78 0.00	26.54 0.57 0.00	22.28 0.21 0.00	22.21 0.22 0.00
CLINTON___LFGE 323618	34.25 1.43 1.20	34.33 1.51 1.20	28.81 1.23 0.64	27.62 0.64 0.53	26.17 0.22 0.10	22.35 0.06 0.03	24.72 0.32 0.03	23.88 0.73 0.02	29.32 1.32 0.04	31.26 1.48 0.27	34.35 1.62 0.63	35.63 1.43 0.78	32.59 1.20 0.44	32.37 1.27 0.40	31.14 1.33 0.01	30.68 1.46 0.00	30.98 1.45 0.00	28.87 1.11 0.00	28.43 1.27 0.00	29.53 1.32 0.00	28.88 1.18 0.00	26.92 0.95 0.00	22.60 0.54 0.00	22.52 0.52 0.00
COBBLENY_34_KV_TB1 80064	30.03 -0.28 3.70	29.88 -0.44 3.69	25.90 -0.36 1.96	25.26 -0.61 1.65	25.23 -0.51 0.30	21.65 -0.57 0.11	23.81 -0.53 0.08	22.59 -0.49 0.09	27.28 -0.59 0.17	28.21 -0.60 1.24	29.55 -0.94 2.87	30.35 -1.08 3.56	28.92 -0.91 2.01	29.13 -0.54 1.83	29.24 -0.54 0.04	28.72 -0.51 0.00	28.82 -0.71 0.00	27.18 -0.59 0.00	26.36 -0.85 -0.04	27.26 -0.95 0.00	26.67 -1.04 0.00	25.01 -0.89 0.07	21.18 -0.64 0.25	16.94 -0.45 4.60
COFFEEN___115KV_TB3 355620	32.97 0.75 1.80	32.29 0.07 1.80	26.81 -0.46 0.95	25.85 -0.87 0.80	24.72 -1.18 0.15	22.15 -0.12 0.05	24.66 0.28 0.04	23.50 0.38 0.05	28.44 0.48 0.08	30.11 0.67 0.60	32.64 0.67 1.40	33.90 0.65 1.74	31.04 0.19 0.98	30.22 -0.38 0.90	29.31 -0.49 0.02	28.82 -0.41 0.00	29.31 -0.22 0.00	27.81 0.05 0.00	27.47 0.30 0.00	28.81 0.60 0.00	28.48 0.78 0.00	26.46 0.49 0.00	22.46 0.40 0.00	22.16 0.16 0.00
COLDSPRG_115KV_BK1 355956	31.15 0.78 3.65	30.83 0.45 3.64	26.49 0.20 1.93	25.74 -0.16 1.62	25.74 0.00 0.30	22.17 -0.05 0.10	24.39 0.05 0.08	23.28 0.20 0.09	28.22 0.35 0.17	29.22 0.40 1.22	30.75 0.22 2.83	31.64 0.16 3.51	30.16 0.30 1.98	30.35 0.65 1.81	30.42 0.64 0.04	29.88 0.65 0.00	29.89 0.37 0.00	28.09 0.33 0.00	27.33 0.12 -0.04	28.26 0.05 0.00	27.55 -0.16 0.00	25.81 -0.11 0.05	21.75 -0.15 0.16	19.01 -0.01 2.97
COLONIE_LFGE___ 323577	32.34 1.13 2.81	32.46 1.25 2.80	28.32 1.11 1.02	27.55 1.28 1.25	27.03 1.22 0.23	27.74 1.03 -4.39	27.72 1.03 -2.27	26.56 0.91 -2.48	29.47 1.09 -0.33	31.01 1.16 0.20	32.55 1.37 2.18	33.76 1.47 2.70	31.86 1.34 1.31	31.32 1.21 1.39	31.09 1.15 -0.12	30.40 1.17 0.00	30.73 1.21 0.00	29.11 1.34 0.00	29.35 1.34 -0.85	29.39 1.18 0.00	28.86 1.16 0.00	27.03 1.06 0.00	23.06 1.00 0.00	22.98 0.99 0.00
COOPERNY_115KV_TB1 80082	32.65 0.98 2.35	32.69 1.02 2.34	27.28 0.83 1.77	27.36 0.89 1.04	26.69 0.84 0.19	18.23 0.72 4.82	22.65 0.75 2.53	21.16 0.73 2.75	28.29 0.85 0.61	29.32 0.87 1.61	32.58 1.04 1.82	33.91 1.18 2.26	31.49 1.16 1.51	31.50 1.16 1.16	30.75 1.12 0.18	30.29 1.06 0.00	30.60 1.07 0.00	28.87 1.10 0.00	28.44 1.07 -0.20	29.20 0.99 0.00	28.74 1.04 0.00	26.97 1.00 0.00	22.94 0.88 0.00	22.86 0.87 0.00
COPENHAGEN_WT_PWR 323753	32.62 0.35 1.75	31.91 -0.36 1.75	26.40 -0.89 0.93	25.42 -1.32 0.78	24.25 -1.65 0.14	21.89 -0.38 0.05	24.46 0.07 0.04	23.29 0.16 0.04	28.17 0.21 0.08	29.80 0.34 0.59	32.32 0.33 1.37	33.55 0.26 1.70	30.73 -0.15 0.96	29.97 -0.66 0.88	29.05 -0.74 0.02	28.55 -0.67 0.00	29.01 -0.51 0.00	27.53 -0.24 0.00	27.16 0.00 0.00	28.47 0.26 0.00	28.10 0.39 0.00	26.04 0.07 0.00	22.15 0.09 0.00	21.85 -0.14 0.00
CORNELL___ 23752	32.08 0.79 2.73	31.98 0.68 2.72	27.25 0.47 1.45	26.73 0.42 1.21	26.23 0.41 0.22	22.58 0.34 0.08	24.72 0.36 0.06	23.48 0.38 0.07	28.32 0.41 0.13	29.57 0.45 0.93	31.72 0.51 2.15	32.93 0.61 2.67	30.90 0.57 1.51	30.76 0.63 1.37	30.34 0.56 0.03	29.80 0.57 0.00	30.11 0.58 0.00	28.44 0.67 0.00	27.88 0.66 -0.06	28.96 0.75 0.00	28.45 0.75 0.00	26.71 0.71 -0.03	22.67 0.51 -0.11	24.45 0.48 -1.98
CORONA_AV_69_KV_TB1 355595	33.79 2.34 2.56	34.13 2.67 2.56	35.79 2.28 -5.29	34.26 2.30 -4.44	32.97 2.16 -4.77	47.35 1.87 -23.15	40.31 1.97 -13.92	33.16 1.90 -8.09	31.65 2.21 -1.40	48.55 2.33 -16.17	46.60 2.56 -10.67	36.24 2.78 1.53	37.21 2.71 -2.66	35.21 2.76 -0.95	36.13 2.61 -3.71	32.19 2.36 -0.60	31.77 2.24 0.00	29.88 2.11 0.00	29.50 2.04 -0.30	30.05 1.84 0.00	29.85 2.15 0.00	28.06 2.09 0.00	23.96 1.89 0.00	23.86 1.87 0.00
CORTLAND_115KV_TB3 80093	31.66 0.42 2.78	31.57 0.33 2.77	26.94 0.19 1.47	26.45 0.17 1.24	25.98 0.17 0.23	22.38 0.14 0.08	24.49 0.13 0.06	23.26 0.16 0.07	28.06 0.15 0.13	29.26 0.16 0.95	31.36 0.20 2.20	32.55 0.28 2.72	30.57 0.26 1.54	30.42 0.31 1.40	30.11 0.33 0.03	29.55 0.32 0.00	29.85 0.31 0.00	28.18 0.41 0.00	27.57 0.36 -0.04	28.62 0.41 0.00	28.11 0.41 0.00	26.36 0.39 0.00	22.33 0.27 0.00	22.26 0.26 0.00
COXSACKIE___GT 23611	33.81 2.49 2.69	33.78 2.45 2.68	29.21 2.06 1.07	28.53 2.22 1.20	27.91 2.09 0.22	27.16 1.80 -3.03	27.80 1.82 -1.56	26.48 1.60 -1.71	30.29 2.03 -0.21	31.88 2.17 0.34	33.81 2.53 2.09	35.14 2.74 2.59	32.82 2.29 1.30	32.35 2.18 1.33	31.82 1.93 -0.07	31.22 1.99 0.00	31.71 2.18 0.00	30.19 2.43 0.00	30.27 2.58 -0.52	30.72 2.51 0.00	30.09 2.39 0.00	28.11 2.14 0.00	23.84 1.78 0.00	23.66 1.67 0.00
CPV_VALLEY___CC1 323721	32.60 1.03 2.45	32.67 1.09 2.44	26.96 0.91 2.17	27.41 0.98 1.09	26.76 0.92 0.20	15.16 0.80 7.96	21.11 0.85 4.16	19.46 0.82 4.53	28.05 0.96 0.95	28.84 0.96 2.18	32.61 1.15 1.90	33.93 1.30 2.35	31.41 1.28 1.71	31.55 1.26 1.21	30.73 1.20 0.29	30.37 1.14 0.00	30.67 1.14 0.00	28.97 1.20 0.00	28.59 1.18 -0.24	29.27 1.06 0.00	28.83 1.12 0.00	27.06 1.09 0.00	23.04 0.97 0.00	22.96 0.97 0.00

CPV_VALLEY___CC2 323722	32.60 1.03 2.45	32.67 1.09 2.44	26.96 0.91 2.17	27.41 0.98 1.09	26.76 0.92 0.20	15.16 0.80 7.96	21.11 0.85 4.16	19.46 0.82 4.53	28.05 0.96 0.95	28.84 0.96 2.18	32.61 1.15 1.90	33.93 1.30 2.35	31.41 1.28 1.71	31.55 1.26 1.21	30.73 1.20 0.29	30.37 1.14 0.00	30.67 1.14 0.00	28.97 1.20 0.00	28.59 1.18 -0.24	29.27 1.06 0.00	28.83 1.12 0.00	27.06 1.09 0.00	23.04 0.97 0.00	22.96 0.97 0.00
CRESCENT___HYD 24018	32.34 1.13 2.81	32.46 1.25 2.80	28.32 1.11 1.02	27.55 1.28 1.25	27.03 1.22 0.23	27.74 1.03 -4.39	27.72 1.03 -2.27	26.56 0.91 -2.48	29.47 1.09 -0.33	31.01 1.16 0.20	32.55 1.37 2.18	33.76 1.47 2.70	31.86 1.34 1.31	31.32 1.21 1.39	31.09 1.15 -0.12	30.40 1.17 0.00	30.73 1.21 0.00	29.11 1.34 0.00	29.35 1.34 -0.85	29.39 1.18 0.00	28.86 1.16 0.00	27.03 1.06 0.00	23.06 1.00 0.00	22.98 0.99 0.00
CRICKET___VALLEY_CC1 323756	32.49 1.08 2.60	32.67 1.26 2.60	28.80 1.11 0.54	27.54 1.18 1.16	26.94 1.12 0.21	32.45 0.97 -9.16	30.17 1.00 -4.75	29.30 0.94 -5.19	29.95 1.13 -0.79	31.70 1.15 -0.51	32.69 1.35 2.02	34.01 1.53 2.50	32.24 1.44 1.04	31.60 1.38 1.29	31.38 1.29 -0.27	30.46 1.23 0.00	30.74 1.21 0.00	29.11 1.34 0.00	28.80 1.30 -0.33	29.38 1.17 0.00	28.90 1.20 0.00	27.14 1.17 0.00	23.16 1.10 0.00	23.11 1.11 0.00
CRICKET___VALLEY_CC2 323757	32.49 1.08 2.60	32.67 1.26 2.60	28.80 1.11 0.54	27.54 1.18 1.16	26.94 1.12 0.21	32.45 0.97 -9.16	30.17 1.00 -4.75	29.30 0.94 -5.19	29.95 1.13 -0.79	31.70 1.15 -0.51	32.69 1.35 2.02	34.01 1.53 2.50	32.24 1.44 1.04	31.60 1.38 1.29	31.38 1.29 -0.27	30.46 1.23 0.00	30.74 1.21 0.00	29.11 1.34 0.00	28.80 1.30 -0.33	29.38 1.17 0.00	28.90 1.20 0.00	27.14 1.17 0.00	23.16 1.10 0.00	23.11 1.11 0.00
CRICKET___VALLEY_CC3 323758	32.49 1.08 2.60	32.67 1.26 2.60	28.80 1.11 0.54	27.54 1.18 1.16	26.94 1.12 0.21	32.45 0.97 -9.16	30.17 1.00 -4.75	29.30 0.94 -5.19	29.95 1.13 -0.79	31.70 1.15 -0.51	32.69 1.35 2.02	34.01 1.53 2.50	32.24 1.44 1.04	31.60 1.38 1.29	31.38 1.29 -0.27	30.46 1.23 0.00	30.74 1.21 0.00	29.11 1.34 0.00	28.80 1.30 -0.33	29.38 1.17 0.00	28.90 1.20 0.00	27.14 1.17 0.00	23.16 1.10 0.00	23.11 1.11 0.00
CRUCIBLE_METL_DRP 24180	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
DAHOWA___HYDRO 323763	32.82 1.64 2.84	32.90 1.72 2.83	28.63 1.46 1.05	27.81 1.55 1.26	27.28 1.47 0.23	27.79 1.25 -4.22	27.87 1.26 -2.18	26.72 1.16 -2.39	29.82 1.45 -0.32	31.40 1.58 0.23	32.97 1.81 2.20	34.20 1.94 2.73	32.27 1.77 1.33	31.76 1.66 1.40	31.57 1.65 -0.11	30.98 1.75 0.00	31.30 1.77 0.00	29.68 1.91 0.00	30.05 1.93 -0.94	30.05 1.84 0.00	29.45 1.75 0.00	27.56 1.59 0.00	23.44 1.38 0.00	23.31 1.31 0.00
DANC___LFGE 323619	32.51 -0.01 1.50	32.04 -0.48 1.50	26.65 -0.78 0.80	25.81 -1.04 0.67	24.69 -1.23 0.12	21.84 -0.44 0.04	24.21 -0.18 0.03	23.03 -0.11 0.04	27.84 -0.13 0.07	29.48 -0.04 0.52	32.07 -0.08 1.21	33.36 -0.13 1.50	30.63 -0.36 0.85	30.06 -0.67 0.77	29.10 -0.70 0.02	28.55 -0.68 0.00	28.93 -0.60 0.00	27.39 -0.38 0.00	26.94 -0.23 0.00	28.13 -0.09 0.00	27.71 0.01 0.00	25.83 -0.14 0.00	21.96 -0.10 0.00	21.74 -0.26 0.00
DANSKAMMER___1 23586	33.41 1.95 2.56	33.46 2.01 2.56	28.53 1.66 1.36	28.09 1.71 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.09 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.94 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.01 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.65 1.59 0.00	23.56 1.56 0.00
DANSKAMMER___2 23589	33.41 1.95 2.56	33.46 2.01 2.56	28.53 1.66 1.36	28.09 1.71 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.09 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.94 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.01 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.65 1.59 0.00	23.56 1.56 0.00
DANSKAMMER___3 23590	33.41 1.95 2.56	33.46 2.01 2.56	28.53 1.66 1.36	28.09 1.71 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.09 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.94 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.01 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.65 1.59 0.00	23.56 1.56 0.00
DANSKAMMER___4 23591	33.41 1.95 2.56	33.46 2.01 2.56	28.53 1.66 1.36	28.09 1.71 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.09 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.94 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.01 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.65 1.59 0.00	23.56 1.56 0.00
DANSKAMMER___DIESEL 23592	33.41 1.95 2.56	33.47 2.01 2.56	28.53 1.67 1.36	28.09 1.70 1.14	27.45 1.62 0.21	26.65 1.40 -2.92	27.40 1.47 -1.51	26.24 1.42 -1.65	29.80 1.70 -0.05	31.08 1.78 0.76	33.45 2.08 1.99	34.83 2.31 2.47	32.63 2.19 1.39	32.39 2.15 1.27	31.95 2.06 -0.07	31.20 1.97 0.00	31.50 1.97 0.00	29.77 2.00 0.00	29.42 1.95 -0.30	30.06 1.85 0.00	29.60 1.90 0.00	27.79 1.82 0.00	23.66 1.60 0.00	23.56 1.56 0.00
DARBY___SOLAR 323810	32.77 1.58 2.84	32.84 1.65 2.83	28.59 1.41 1.04	27.78 1.52 1.26	27.24 1.44 0.23	27.80 1.23 -4.25	27.85 1.24 -2.19	26.70 1.13 -2.40	29.76 1.40 -0.32	31.34 1.51 0.22	32.90 1.74 2.20	34.12 1.85 2.73	32.20 1.70 1.33	31.68 1.58 1.40	31.52 1.59 -0.11	30.89 1.66 0.00	31.21 1.68 0.00	29.59 1.82 0.00	29.94 1.84 -0.93	29.94 1.73 0.00	29.36 1.66 0.00	27.49 1.51 0.00	23.39 1.33 0.00	23.26 1.27 0.00
DASHVILLE___HYD 23610	32.76 1.33 2.58	32.85 1.41 2.58	28.03 1.18 1.37	27.63 1.26 1.15	27.02 1.19 0.21	23.29 1.04 0.07	25.40 1.04 0.06	24.13 1.02 0.06	29.15 1.22 0.12	30.44 1.26 0.87	32.85 1.50 2.01	34.20 1.70 2.49	32.10 1.67 1.40	31.86 1.64 1.28	31.34 1.55 0.03	30.69 1.46 0.00	30.96 1.43 0.00	29.23 1.47 0.00	28.93 1.42 -0.35	29.54 1.33 0.00	29.11 1.41 0.00	27.35 1.37 0.00	23.29 1.23 0.00	23.22 1.22 0.00

DEERFIELD_69_KV_DEERFIELD LD 355887	35.05 3.59 2.56	35.57 4.11 2.56	36.87 3.36 -5.29	35.24 3.28 -4.44	33.87 3.07 -4.77	48.11 2.64 -23.15	41.18 2.84 -13.92	34.08 2.82 -8.09	32.84 3.40 -1.40	49.85 3.63 -16.17	48.14 4.11 -10.67	37.87 4.42 1.53	38.76 4.26 -2.66	36.66 4.20 -0.95	37.73 4.20 -3.71	33.66 3.83 -0.60	32.96 3.43 0.00	30.64 2.88 0.00	30.15 2.69 -0.30	30.66 2.45 0.00	30.71 3.01 0.00	28.86 2.89 0.00	24.65 2.59 0.00	24.50 2.51 0.00
DELAWARE___LFGE 323621	31.81 0.86 3.07	31.82 0.87 3.06	27.33 0.74 1.63	27.01 0.86 1.37	26.61 0.82 0.25	22.94 0.71 0.09	25.02 0.67 0.07	23.69 0.60 0.08	28.65 0.75 0.15	29.82 0.80 1.03	31.90 0.93 2.39	33.07 1.05 2.97	31.18 1.01 1.67	30.99 1.01 1.53	30.77 0.99 0.03	30.19 0.96 0.00	30.49 0.96 0.00	28.75 0.99 0.00	28.24 0.95 -0.13	29.13 0.92 0.00	28.62 0.92 0.00	26.85 0.87 0.00	22.81 0.75 0.00	22.73 0.73 0.00
DERFIELD_115KV_TB7 355931	29.17 -0.14 4.70	29.13 -0.19 4.69	25.55 -0.18 2.49	25.31 -0.12 2.09	25.56 -0.09 0.39	22.13 -0.06 0.13	24.23 -0.09 0.11	22.95 -0.10 0.12	27.66 -0.16 0.23	28.27 -0.17 1.61	29.47 -0.17 3.72	30.25 -0.12 4.62	29.16 -0.07 2.60	29.05 -0.08 2.38	29.78 0.01 0.05	29.23 0.01 0.00	29.55 0.02 0.00	27.83 0.06 0.00	27.24 0.06 0.00	28.26 0.05 0.00	27.74 0.04 0.00	26.00 0.03 0.00	22.10 0.04 0.00	22.02 0.02 0.00
DOGLEVILLE___HYD 23807	29.19 -0.12 4.70	29.31 -0.01 4.69	25.72 -0.01 2.49	25.66 0.24 2.09	25.99 0.33 0.39	22.49 0.30 0.13	24.44 0.12 0.11	23.16 0.11 0.12	27.85 0.03 0.23	28.42 -0.02 1.61	29.71 0.07 3.72	30.57 0.20 4.62	29.54 0.31 2.60	29.23 0.10 2.38	29.78 0.02 0.05	29.37 0.14 0.00	29.73 0.20 0.00	28.26 0.50 0.00	27.75 0.58 0.00	28.61 0.40 0.00	28.04 0.34 0.00	26.27 0.30 0.00	22.42 0.36 0.00	22.32 0.32 0.00
DUNKIRK___115KV_TB_200 55889	30.42 0.10 3.71	30.17 -0.14 3.70	25.98 -0.28 1.97	25.27 -0.60 1.65	25.30 -0.44 0.31	21.75 -0.47 0.11	23.90 -0.43 0.08	22.80 -0.28 0.09	27.56 -0.31 0.17	28.48 -0.33 1.24	29.89 -0.59 2.88	30.76 -0.66 3.57	29.34 -0.48 2.02	29.55 -0.12 1.84	29.63 -0.14 0.04	29.09 -0.14 0.00	29.12 -0.41 0.00	27.38 -0.39 0.00	26.58 -0.63 -0.04	27.51 -0.70 0.00	26.82 -0.88 0.00	25.12 -0.77 0.09	21.08 -0.70 0.29	16.10 -0.55 5.35
DUNKIRK___1 23563	30.42 0.10 3.71	30.17 -0.14 3.70	25.98 -0.28 1.97	25.27 -0.60 1.65	25.30 -0.44 0.31	21.75 -0.47 0.11	23.90 -0.43 0.08	22.80 -0.28 0.09	27.56 -0.31 0.17	28.48 -0.33 1.24	29.89 -0.59 2.88	30.76 -0.66 3.57	29.34 -0.48 2.02	29.55 -0.12 1.84	29.63 -0.14 0.04	29.09 -0.14 0.00	29.12 -0.41 0.00	27.38 -0.39 0.00	26.58 -0.63 -0.04	27.51 -0.70 0.00	26.82 -0.88 0.00	25.12 -0.77 0.09	21.08 -0.70 0.29	16.10 -0.55 5.35
DUNKIRK___2 23564	30.42 0.10 3.71	30.17 -0.14 3.70	25.98 -0.28 1.97	25.27 -0.60 1.65	25.30 -0.44 0.31	21.75 -0.47 0.11	23.90 -0.43 0.08	22.80 -0.28 0.09	27.56 -0.31 0.17	28.48 -0.33 1.24	29.89 -0.59 2.88	30.76 -0.66 3.57	29.34 -0.48 2.02	29.55 -0.12 1.84	29.63 -0.14 0.04	29.09 -0.14 0.00	29.12 -0.41 0.00	27.38 -0.39 0.00	26.58 -0.63 -0.04	27.51 -0.70 0.00	26.82 -0.88 0.00	25.12 -0.77 0.09	21.08 -0.70 0.29	16.10 -0.55 5.35
DUNKIRK___3 23565	30.14 -0.16 3.71	29.94 -0.36 3.71	25.86 -0.40 1.97	25.18 -0.69 1.65	25.19 -0.55 0.31	21.65 -0.57 0.11	23.78 -0.55 0.08	22.65 -0.43 0.09	27.37 -0.50 0.17	28.27 -0.53 1.25	29.66 -0.82 2.88	30.49 -0.92 3.57	29.09 -0.73 2.02	29.29 -0.37 1.84	29.39 -0.39 0.04	28.88 -0.35 0.00	28.93 -0.60 0.00	27.22 -0.54 0.00	26.42 -0.79 -0.04	27.33 -0.88 0.00	26.70 -1.01 0.00	25.00 -0.88 0.09	21.03 -0.73 0.30	15.78 -0.54 5.67
DUNKIRK___4 23566	30.14 -0.16 3.71	29.94 -0.36 3.71	25.86 -0.40 1.97	25.18 -0.69 1.65	25.19 -0.55 0.31	21.65 -0.57 0.11	23.78 -0.55 0.08	22.65 -0.43 0.09	27.37 -0.50 0.17	28.27 -0.53 1.25	29.66 -0.82 2.88	30.49 -0.92 3.57	29.09 -0.73 2.02	29.29 -0.37 1.84	29.39 -0.39 0.04	28.88 -0.35 0.00	28.93 -0.60 0.00	27.22 -0.54 0.00	26.42 -0.79 -0.04	27.33 -0.88 0.00	26.70 -1.01 0.00	25.00 -0.88 0.09	21.03 -0.73 0.30	15.78 -0.54 5.67
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	33.28 1.83 2.56	33.39 1.93 2.56	30.29 1.62 -0.45	28.04 1.66 1.14	27.40 1.57 0.21	37.37 1.36 -13.69	32.95 1.42 -7.11	32.33 1.39 -7.77	31.12 1.67 -1.40	33.44 1.69 -1.69	33.31 1.94 1.99	34.67 2.15 2.46	33.29 2.10 0.65	32.29 2.06 1.27	32.22 1.98 -0.42	31.07 1.84 0.00	31.34 1.81 0.00	29.63 1.87 0.00	29.29 1.82 -0.30	29.89 1.69 0.00	29.49 1.79 0.00	27.72 1.75 0.00	23.62 1.56 0.00	23.55 1.55 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	33.08 1.59 2.54	33.13 1.65 2.53	27.88 1.36 1.70	27.79 1.41 1.13	27.17 1.33 0.21	20.92 1.15 2.56	24.29 1.22 1.35	22.89 1.18 1.47	29.03 1.40 0.42	30.12 1.45 1.38	33.10 1.71 1.97	34.45 1.90 2.44	32.14 1.84 1.54	32.06 1.81 1.26	31.44 1.74 0.11	30.88 1.65 0.00	31.18 1.65 0.00	29.46 1.69 0.00	29.11 1.66 -0.29	29.76 1.55 0.00	29.31 1.61 0.00	27.53 1.55 0.00	23.42 1.36 0.00	23.34 1.34 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	33.32 1.86 2.56	33.42 1.96 2.56	30.39 1.72 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.45 1.43 -13.70	33.04 1.50 -7.12	32.38 1.44 -7.77	31.15 1.70 -1.41	33.48 1.73 -1.70	33.36 1.99 1.99	34.73 2.21 2.46	33.35 2.17 0.65	32.37 2.13 1.27	32.28 2.04 -0.42	31.09 1.86 0.00	31.34 1.81 0.00	29.65 1.89 0.00	29.31 1.84 -0.30	29.95 1.74 0.00	29.54 1.85 0.00	27.81 1.84 0.00	23.67 1.61 0.00	23.57 1.58 0.00
E179THST_13_KV_LOAD 356214	33.54 2.09 2.56	33.64 2.18 2.56	30.57 1.89 -0.45	28.29 1.91 1.14	27.62 1.79 0.21	37.58 1.56 -13.70	33.18 1.64 -7.12	32.51 1.57 -7.77	31.32 1.87 -1.41	33.66 1.91 -1.70	33.57 2.20 1.99	34.95 2.43 2.46	33.56 2.37 0.65	32.56 2.33 1.27	32.47 2.23 -0.42	31.29 2.06 0.00	31.52 1.99 0.00	29.83 2.07 0.00	29.48 2.02 -0.30	30.13 1.92 0.00	29.73 2.02 0.00	27.99 2.02 0.00	23.81 1.75 0.00	23.72 1.72 0.00
EAST HAMPTON___GT 23717	35.74 4.29 2.56	36.35 4.89 2.56	37.50 3.99 -5.29	35.84 3.88 -4.44	34.44 3.63 -4.77	48.59 3.11 -23.15	41.71 3.38 -13.92	34.59 3.33 -8.09	33.46 4.02 -1.40	50.51 4.29 -16.17	48.90 4.87 -10.67	38.66 5.21 1.53	39.51 5.02 -2.66	37.37 4.91 -0.95	38.44 4.91 -3.71	34.37 4.54 -0.60	33.55 4.02 0.00	31.11 3.35 0.00	30.59 3.13 -0.30	31.10 2.89 0.00	31.20 3.50 0.00	29.45 3.48 0.00	25.12 3.06 0.00	24.94 2.94 0.00
EAST RIVER___6 23660	33.43 1.97 2.56	33.53 2.07 2.56	30.38 1.71 -0.45	28.10 1.72 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.39 1.45 -7.77	31.21 1.76 -1.41	33.47 1.72 -1.70	33.33 1.96 1.99	34.71 2.19 2.46	33.35 2.17 0.65	32.37 2.14 1.27	32.32 2.08 -0.42	31.15 1.92 0.00	31.42 1.89 0.00	29.73 1.97 0.00	29.40 1.93 -0.30	30.03 1.82 0.00	29.62 1.91 0.00	27.87 1.89 0.00	23.71 1.65 0.00	23.62 1.62 0.00

EAST RIVER___7 23524	33.43 1.97 2.56	33.53 2.07 2.56	30.38 1.71 -0.45	28.10 1.72 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.39 1.45 -7.77	31.21 1.76 -1.41	33.47 1.72 -1.70	33.33 1.96 1.99	34.71 2.19 2.46	33.35 2.17 0.65	32.37 2.14 1.27	32.32 2.08 -0.42	31.15 1.92 0.00	31.42 1.89 0.00	29.73 1.97 0.00	29.40 1.93 -0.30	30.03 1.82 0.00	29.62 1.91 0.00	27.87 1.89 0.00	23.71 1.65 0.00	23.62 1.62 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	33.19 1.73 2.56	33.29 1.83 2.55	30.32 1.53 -0.57	27.96 1.58 1.14	27.32 1.49 0.21	37.64 1.29 -14.03	33.07 1.36 -7.29	32.46 1.33 -7.96	31.13 1.59 -1.49	33.55 1.61 -1.89	33.23 1.86 1.99	34.59 2.07 2.46	33.26 2.01 0.58	32.21 1.97 1.27	32.14 1.89 -0.43	31.00 1.76 0.00	31.28 1.75 0.00	29.56 1.80 0.00	29.22 1.75 -0.30	29.83 1.62 0.00	29.41 1.71 0.00	27.65 1.68 0.00	23.55 1.49 0.00	23.48 1.48 0.00
EAST_HAMPTON___DIESEL 23722	35.76 4.31 2.56	36.35 4.90 2.56	37.51 3.99 -5.29	35.84 3.88 -4.44	34.44 3.63 -4.77	48.59 3.11 -23.15	41.71 3.38 -13.92	34.60 3.33 -8.09	33.46 4.02 -1.40	50.52 4.29 -16.17	48.91 4.88 -10.67	38.67 5.22 1.53	39.52 5.02 -2.66	37.38 4.92 -0.95	38.45 4.92 -3.71	34.38 4.55 -0.60	33.56 4.03 0.00	31.13 3.37 0.00	30.61 3.15 -0.30	31.12 2.91 0.00	31.21 3.51 0.00	29.45 3.48 0.00	25.12 3.06 0.00	24.94 2.94 0.00
EAST_PULASKI___ESR 323781	32.90 -0.35 0.78	32.67 -0.57 0.77	27.16 -0.65 0.41	26.42 -0.75 0.35	25.17 -0.81 0.06	21.82 -0.48 0.02	24.01 -0.40 0.02	22.80 -0.35 0.02	27.56 -0.44 0.04	29.34 -0.41 0.30	32.21 -0.46 0.70	33.64 -0.48 0.86	30.79 -0.56 0.49	30.40 -0.67 0.45	29.14 -0.67 0.01	28.57 -0.65 0.00	28.89 -0.64 0.00	27.29 -0.47 0.00	26.75 -0.41 0.00	27.83 -0.38 0.00	27.36 -0.34 0.00	25.63 -0.34 0.00	21.77 -0.29 0.00	21.63 -0.36 0.00
EAST_RIVER___1 323558	33.39 1.93 2.56	33.50 2.04 2.56	30.38 1.71 -0.45	28.12 1.74 1.14	27.47 1.64 0.21	37.45 1.42 -13.70	33.01 1.47 -7.12	32.41 1.47 -7.77	31.21 1.76 -1.41	33.50 1.75 -1.70	33.36 1.99 1.99	34.74 2.22 2.46	33.38 2.19 0.65	32.40 2.16 1.27	32.32 2.08 -0.42	31.16 1.93 0.00	31.42 1.90 0.00	29.73 1.97 0.00	29.40 1.93 -0.30	30.02 1.81 0.00	29.61 1.91 0.00	27.85 1.88 0.00	23.71 1.66 0.00	23.64 1.64 0.00
EAST_RIVER___2 323559	33.43 1.97 2.56	33.53 2.07 2.56	30.38 1.71 -0.45	28.10 1.72 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.39 1.45 -7.77	31.21 1.76 -1.41	33.47 1.72 -1.70	33.33 1.96 1.99	34.71 2.19 2.46	33.35 2.17 0.65	32.37 2.14 1.27	32.32 2.08 -0.42	31.15 1.92 0.00	31.42 1.89 0.00	29.73 1.97 0.00	29.40 1.93 -0.30	30.03 1.82 0.00	29.62 1.91 0.00	27.87 1.89 0.00	23.71 1.65 0.00	23.62 1.62 0.00
EAST___DELAWARE_HYD 23607	33.52 1.98 2.47	33.50 1.95 2.47	28.47 1.56 1.31	27.98 1.56 1.10	27.30 1.47 0.20	21.49 1.26 2.09	24.63 1.32 1.11	23.27 1.30 1.20	29.37 1.56 0.23	30.82 1.67 0.90	33.46 2.02 1.92	34.82 2.22 2.38	32.63 2.14 1.34	32.40 2.12 1.23	31.84 2.11 0.09	31.23 2.00 0.00	31.52 1.99 0.00	29.80 2.03 0.00	29.44 2.00 -0.27	30.16 1.95 0.00	29.70 2.00 0.00	27.87 1.89 0.00	23.66 1.60 0.00	23.53 1.54 0.00
EIGHT_POINT___WT_PWR 323820	30.69 0.05 3.37	30.14 -0.51 3.37	26.45 0.02 1.79	25.91 -0.11 1.50	25.68 -0.09 0.28	22.07 -0.15 0.10	24.03 -0.32 0.08	22.82 -0.27 0.08	27.66 -0.23 0.16	28.59 -0.32 1.14	30.34 -0.39 2.63	31.18 -0.54 3.26	29.74 -0.26 1.84	29.73 -0.10 1.68	29.65 -0.13 0.04	29.13 -0.10 0.00	29.35 -0.18 0.00	27.78 0.01 0.00	27.01 -0.21 -0.05	28.04 -0.17 0.00	27.30 -0.40 0.00	26.11 -0.16 -0.30	22.66 -0.41 -1.01	40.32 -0.64 -18.96
ELBRIDGE_115KV_TB2 80188	31.96 -0.19 1.86	31.88 -0.28 1.86	26.96 -0.28 0.99	26.36 -0.33 0.83	25.59 -0.30 0.15	22.00 -0.27 0.05	24.09 -0.29 0.04	22.86 -0.27 0.05	27.60 -0.35 0.09	29.06 -0.33 0.66	31.44 -0.41 1.52	32.73 -0.37 1.88	30.43 -0.35 1.06	30.28 -0.25 0.97	29.50 -0.29 0.02	29.01 -0.22 0.00	29.30 -0.23 0.00	27.60 -0.16 0.00	26.97 -0.19 0.00	28.03 -0.18 0.00	27.50 -0.20 0.00	25.79 -0.18 0.00	21.88 -0.19 0.00	21.80 -0.20 0.00
ELEC_TRO_TEK 24086	33.57 2.11 2.56	33.87 2.42 2.56	35.56 2.05 -5.29	34.03 2.07 -4.44	32.76 1.96 -4.77	47.17 1.69 -23.15	40.12 1.78 -13.92	33.00 1.74 -8.09	31.49 2.04 -1.40	48.35 2.13 -16.17	46.38 2.36 -10.67	36.02 2.56 1.53	36.99 2.50 -2.66	34.98 2.52 -0.95	35.91 2.39 -3.71	31.97 2.15 -0.60	31.56 2.03 0.00	29.68 1.91 0.00	29.31 1.84 -0.30	29.86 1.65 0.00	29.65 1.95 0.00	27.87 1.89 0.00	23.77 1.71 0.00	23.67 1.67 0.00
ELLENBURG_WT_PWR 323604	33.83 1.01 1.20	33.89 1.07 1.19	28.46 0.87 0.63	27.30 0.31 0.53	25.85 -0.10 0.10	22.10 -0.19 0.03	24.46 0.06 0.03	23.63 0.48 0.02	28.97 0.96 0.04	30.87 1.09 0.27	33.92 1.18 0.62	35.25 1.04 0.77	32.25 0.85 0.43	32.00 0.89 0.40	30.74 0.93 0.01	30.23 1.00 0.00	30.55 1.01 0.00	28.47 0.70 0.00	28.00 0.84 0.00	29.11 0.90 0.00	28.49 0.78 0.00	26.54 0.57 0.00	22.28 0.21 0.00	22.21 0.22 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	29.61 -0.64 3.77	29.48 -0.77 3.76	25.61 -0.61 2.00	25.00 -0.84 1.68	25.00 -0.73 0.31	21.46 -0.75 0.11	23.58 -0.75 0.09	22.35 -0.73 0.09	26.99 -0.88 0.18	27.89 -0.89 1.26	29.14 -1.30 2.92	29.89 -1.48 3.62	28.50 -1.29 2.05	28.71 -0.93 1.87	28.83 -0.94 0.04	28.34 -0.89 0.00	28.42 -1.11 0.00	26.76 -1.01 0.00	25.98 -1.23 -0.04	26.87 -1.34 0.00	26.28 -1.42 0.00	24.61 -1.26 0.10	20.81 -0.94 0.32	15.27 -0.72 6.00
EMPIRE_CC_1 323656	31.93 0.60 2.69	32.05 0.72 2.68	28.05 0.72 0.89	27.29 0.97 1.20	26.77 0.95 0.22	28.28 0.75 -5.20	27.85 0.74 -2.69	26.71 0.59 -2.94	29.15 0.69 -0.42	30.71 0.70 0.04	32.11 0.84 2.09	33.33 0.93 2.58	31.48 0.86 1.22	30.89 0.71 1.33	30.64 0.68 -0.14	29.88 0.65 0.00	30.21 0.68 0.00	28.60 0.83 0.00	28.47 0.84 -0.46	28.87 0.66 0.00	28.37 0.67 0.00	26.58 0.61 0.00	22.71 0.65 0.00	22.66 0.66 0.00
EMPIRE_CC_2 323658	31.93 0.60 2.69	32.05 0.72 2.68	28.05 0.72 0.89	27.29 0.97 1.20	26.77 0.95 0.22	28.28 0.75 -5.20	27.85 0.74 -2.69	26.71 0.59 -2.94	29.15 0.69 -0.42	30.71 0.70 0.04	32.11 0.84 2.09	33.33 0.93 2.58	31.48 0.86 1.22	30.89 0.71 1.33	30.64 0.68 -0.14	29.88 0.65 0.00	30.21 0.68 0.00	28.60 0.83 0.00	28.47 0.84 -0.46	28.87 0.66 0.00	28.37 0.67 0.00	26.58 0.61 0.00	22.71 0.65 0.00	22.66 0.66 0.00
ENORWICH_115KV_TB1 80156	33.55 2.39 2.86	33.45 2.29 2.85	28.29 1.59 1.52	27.89 1.64 1.27	27.43 1.63 0.23	23.67 1.43 0.08	25.95 1.59 0.07	24.69 1.59 0.07	29.85 1.94 0.14	31.11 2.03 0.97	33.34 2.22 2.25	34.71 2.51 2.78	32.70 2.43 1.57	32.48 2.41 1.44	31.87 2.09 0.03	31.34 2.11 0.00	31.67 2.14 0.00	30.14 2.37 0.00	29.51 2.26 -0.08	30.78 2.57 0.00	30.29 2.59 0.00	28.39 2.40 -0.02	23.97 1.86 -0.05	24.72 1.76 -0.96

ERIE_ST__34_KV_TB1-2 80199	29.94 -0.35 3.73	29.80 -0.50 3.72	25.84 -0.40 1.98	25.19 -0.67 1.66	25.19 -0.55 0.31	21.64 -0.58 0.11	23.78 -0.56 0.08	22.57 -0.51 0.09	27.26 -0.60 0.18	28.20 -0.60 1.25	29.49 -0.98 2.90	30.32 -1.09 3.58	28.92 -0.89 2.02	29.15 -0.51 1.85	29.29 -0.48 0.04	28.83 -0.40 0.00	28.97 -0.56 0.00	27.31 -0.46 0.00	26.50 -0.71 -0.04	27.37 -0.84 0.00	26.75 -0.95 0.00	25.09 -0.80 0.08	21.24 -0.56 0.27	16.63 -0.33 5.04
ERIE_WT_PWR 323693	29.86 -0.42 3.74	29.73 -0.55 3.73	25.79 -0.45 1.98	25.18 -0.68 1.66	25.15 -0.58 0.31	21.59 -0.63 0.11	23.72 -0.62 0.08	22.49 -0.59 0.09	27.16 -0.70 0.18	28.07 -0.72 1.26	29.35 -1.11 2.90	30.14 -1.25 3.60	28.74 -1.07 2.03	28.95 -0.70 1.85	29.06 -0.72 0.04	28.56 -0.67 0.00	28.66 -0.87 0.00	26.99 -0.78 0.00	26.19 -1.02 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.80 -1.08 0.09	20.96 -0.79 0.30	15.69 -0.60 5.71
ESPRGFLD_115KV_TB1 80157	32.39 1.44 3.08	32.36 1.41 3.07	27.73 1.14 1.63	27.39 1.24 1.37	26.96 1.17 0.25	23.26 1.02 0.09	25.40 1.04 0.07	24.08 0.98 0.08	29.14 1.24 0.15	30.37 1.36 1.04	32.52 1.57 2.40	33.76 1.74 2.97	31.81 1.66 1.68	31.63 1.65 1.53	31.38 1.60 0.03	30.78 1.55 0.00	31.13 1.60 0.00	29.35 1.59 0.00	28.86 1.56 -0.13	29.78 1.57 0.00	29.25 1.54 0.00	27.41 1.44 0.00	23.25 1.18 0.00	23.13 1.13 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	32.06 0.73 2.69	31.96 0.63 2.68	27.22 0.43 1.43	26.70 0.38 1.20	26.19 0.37 0.22	22.56 0.31 0.08	24.69 0.33 0.06	23.45 0.35 0.07	28.29 0.37 0.13	29.54 0.41 0.92	31.69 0.46 2.13	32.91 0.55 2.63	30.87 0.52 1.49	30.73 0.58 1.36	30.29 0.51 0.03	29.76 0.53 0.00	30.06 0.53 0.00	28.39 0.63 0.00	27.83 0.61 -0.06	28.91 0.70 0.00	28.39 0.69 0.00	26.66 0.66 -0.03	22.62 0.47 -0.09	24.09 0.44 -1.65
ETNA____115KV_TB2 80207	32.06 0.73 2.69	31.96 0.63 2.68	27.22 0.43 1.43	26.70 0.38 1.20	26.19 0.37 0.22	22.56 0.31 0.08	24.69 0.33 0.06	23.45 0.35 0.07	28.29 0.37 0.13	29.54 0.41 0.92	31.69 0.46 2.13	32.91 0.55 2.63	30.87 0.52 1.49	30.73 0.58 1.36	30.29 0.51 0.03	29.76 0.53 0.00	30.06 0.53 0.00	28.39 0.63 0.00	27.83 0.61 -0.06	28.91 0.70 0.00	28.39 0.69 0.00	26.66 0.66 -0.03	22.62 0.47 -0.09	24.09 0.44 -1.65
EUCLID____115KV_TB2 356179	30.49 -0.50 3.02	30.43 -0.57 3.02	26.10 -0.52 1.61	25.64 -0.53 1.35	25.28 -0.51 0.25	21.79 -0.45 0.09	23.87 -0.49 0.07	22.64 -0.46 0.08	27.32 -0.58 0.14	28.44 -0.58 1.03	30.34 -0.64 2.38	31.36 -0.68 2.94	29.56 -0.62 1.66	29.43 -0.56 1.52	29.26 -0.53 0.03	28.73 -0.50 0.00	29.02 -0.51 0.00	27.36 -0.40 0.00	26.75 -0.42 0.00	27.75 -0.46 0.00	27.23 -0.48 0.00	25.52 -0.45 0.00	21.67 -0.39 0.00	21.60 -0.39 0.00
E_CANADA_CAP_HY 24051	33.88 2.73 2.87	33.54 2.39 2.86	28.98 1.84 1.08	27.83 1.59 1.28	27.26 1.45 0.23	27.78 1.42 -4.04	28.22 1.72 -2.08	27.10 1.65 -2.28	30.43 2.09 -0.30	32.00 2.21 0.26	33.56 2.42 2.23	34.74 2.51 2.75	32.70 2.22 1.35	32.55 2.46 1.42	32.12 2.20 -0.10	31.50 2.27 0.00	31.74 2.21 0.00	30.03 2.26 0.00	30.36 2.17 -1.03	30.62 2.41 0.00	30.17 2.47 0.00	28.34 2.37 0.00	23.98 1.92 0.00	23.87 1.87 0.00
E_CANADA_MHWK_HY 24050	29.19 -0.12 4.70	29.31 -0.01 4.69	25.72 -0.01 2.49	25.66 0.24 2.09	25.99 0.33 0.39	22.49 0.30 0.13	24.44 0.12 0.11	23.16 0.11 0.12	27.85 0.03 0.23	28.42 -0.02 1.61	29.71 0.07 3.72	30.57 0.20 4.62	29.54 0.31 2.60	29.23 0.10 2.38	29.78 0.02 0.05	29.37 0.14 0.00	29.73 0.20 0.00	28.26 0.50 0.00	27.75 0.58 0.00	28.61 0.40 0.00	28.04 0.34 0.00	26.27 0.30 0.00	22.42 0.36 0.00	22.32 0.32 0.00
E_FISHKILL____LBMP 23776	32.85 1.41 2.58	32.97 1.53 2.57	28.89 1.30 0.63	27.74 1.37 1.15	27.12 1.30 0.21	33.96 1.12 -10.51	31.04 1.16 -5.46	30.25 1.12 -5.96	30.19 1.34 -0.81	31.80 1.36 -0.39	32.94 1.58 2.00	34.26 1.76 2.48	32.45 1.70 1.08	31.88 1.66 1.28	31.71 1.58 -0.32	30.71 1.48 0.00	30.99 1.46 0.00	29.30 1.54 0.00	28.98 1.50 -0.30	29.59 1.38 0.00	29.14 1.44 0.00	27.38 1.41 0.00	23.33 1.27 0.00	23.26 1.26 0.00
FALCON____SEABRD_CC1 323796	34.25 1.43 1.20	34.37 1.55 1.20	28.85 1.27 0.63	27.66 0.68 0.53	26.19 0.25 0.10	22.36 0.07 0.03	24.71 0.32 0.03	23.87 0.72 0.02	29.31 1.30 0.04	31.25 1.47 0.27	34.34 1.61 0.62	35.64 1.43 0.78	32.60 1.20 0.44	32.37 1.27 0.40	31.11 1.30 0.01	30.64 1.41 0.00	30.93 1.40 0.00	28.81 1.05 0.00	28.39 1.22 0.00	29.49 1.29 0.00	28.85 1.15 0.00	26.89 0.91 0.00	22.57 0.51 0.00	22.50 0.50 0.00
FALCON____SEABRD_CC2 323797	34.25 1.43 1.20	34.37 1.55 1.20	28.85 1.27 0.63	27.66 0.68 0.53	26.19 0.25 0.10	22.36 0.07 0.03	24.71 0.32 0.03	23.87 0.72 0.02	29.31 1.30 0.04	31.25 1.47 0.27	34.34 1.61 0.62	35.64 1.43 0.78	32.60 1.20 0.44	32.37 1.27 0.40	31.11 1.30 0.01	30.64 1.41 0.00	30.93 1.40 0.00	28.81 1.05 0.00	28.39 1.22 0.00	29.49 1.29 0.00	28.85 1.15 0.00	26.89 0.91 0.00	22.57 0.51 0.00	22.50 0.50 0.00
FAR ROCKAWAY____4 23548	34.00 2.54 2.56	34.54 3.08 2.56	36.12 2.61 -5.29	34.57 2.61 -4.44	33.27 2.46 -4.77	47.61 2.13 -23.15	40.59 2.25 -13.92	33.43 2.16 -8.09	31.89 2.45 -1.40	48.82 2.60 -16.17	46.90 2.86 -10.67	36.54 3.09 1.53	37.54 3.04 -2.66	35.54 3.08 -0.95	36.44 2.92 -3.71	32.51 2.68 -0.60	32.08 2.55 0.00	30.15 2.39 0.00	29.75 2.29 -0.30	30.30 2.09 0.00	30.10 2.40 0.00	28.29 2.32 0.00	24.18 2.11 0.00	24.11 2.11 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	33.42 1.96 2.56	33.52 2.06 2.56	30.41 1.73 -0.45	28.15 1.77 1.14	27.49 1.66 0.21	37.47 1.45 -13.70	33.03 1.49 -7.12	32.43 1.49 -7.77	31.24 1.80 -1.41	33.53 1.78 -1.70	33.41 2.04 1.99	34.79 2.27 2.46	33.42 2.23 0.65	32.44 2.20 1.27	32.36 2.12 -0.42	31.19 1.96 0.00	31.45 1.93 0.00	29.76 2.00 0.00	29.43 1.96 -0.30	30.05 1.84 0.00	29.64 1.93 0.00	27.88 1.90 0.00	23.74 1.68 0.00	23.66 1.66 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	33.46 2.00 2.56	33.56 2.10 2.56	30.45 1.76 -0.45	28.18 1.80 1.14	27.52 1.69 0.21	37.49 1.47 -13.70	33.05 1.51 -7.12	32.45 1.51 -7.77	31.27 1.82 -1.41	33.56 1.81 -1.70	33.44 2.07 1.99	34.82 2.29 2.46	33.45 2.26 0.65	32.47 2.23 1.27	32.39 2.15 -0.42	31.22 1.99 0.00	31.48 1.96 0.00	29.79 2.03 0.00	29.45 1.99 -0.30	30.08 1.87 0.00	29.66 1.96 0.00	27.90 1.93 0.00	23.76 1.70 0.00	23.69 1.69 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	33.40 1.94 2.56	33.50 2.04 2.56	30.40 1.72 -0.45	28.13 1.75 1.14	27.48 1.65 0.21	37.45 1.42 -13.70	33.02 1.48 -7.12	32.42 1.48 -7.77	31.23 1.78 -1.41	33.51 1.76 -1.70	33.39 2.01 1.99	34.77 2.24 2.46	33.40 2.20 0.65	32.42 2.18 1.27	32.34 2.10 -0.42	31.16 1.94 0.00	31.43 1.90 0.00	29.74 1.98 0.00	29.41 1.94 -0.30	30.03 1.82 0.00	29.61 1.91 0.00	27.85 1.88 0.00	23.72 1.66 0.00	23.65 1.65 0.00

FARRAGUT___LBMP 323566	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.69 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	32.99 1.45 -7.12	32.40 1.45 -7.77	31.21 1.75 -1.41	33.48 1.73 -1.70	33.35 1.98 1.99	34.73 2.21 2.46	33.36 2.17 0.65	32.39 2.15 1.27	32.31 2.07 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.71 1.95 0.00	29.38 1.91 -0.30	30.00 1.79 0.00	29.59 1.89 0.00	27.83 1.86 0.00	23.70 1.64 0.00	23.62 1.63 0.00
FENNER___WINDPWR 24204	31.37 0.57 3.22	31.22 0.42 3.21	26.77 0.25 1.71	26.32 0.23 1.43	26.04 0.26 0.26	22.50 0.27 0.09	24.68 0.33 0.07	23.42 0.33 0.08	28.27 0.38 0.15	29.37 0.42 1.10	31.27 0.45 2.55	32.47 0.63 3.14	30.58 0.52 1.78	30.44 0.55 1.62	30.40 0.61 0.04	29.83 0.60 0.00	30.12 0.60 0.00	28.44 0.67 0.00	27.85 0.66 -0.03	28.94 0.72 0.00	28.43 0.73 0.00	26.61 0.64 0.00	22.55 0.49 0.00	22.44 0.44 0.00
FIBERTEK___ENERGY 23856	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
FITZPATRICK____ 23598	19.43 -1.04 13.54	19.40 -1.10 13.51	20.09 -0.95 7.18	20.55 -0.94 6.03	24.04 -0.89 1.12	21.14 -0.79 0.39	23.28 -0.84 0.31	22.05 -0.79 0.33	26.43 -1.00 0.61	24.63 -1.05 4.37	22.07 -1.17 10.13	21.24 -1.21 12.54	23.67 -1.09 7.08	23.99 -1.05 6.46	28.67 -1.00 0.14	28.26 -0.97 0.00	28.55 -0.98 0.00	26.89 -0.87 0.00	26.30 -0.87 0.00	27.29 -0.91 0.00	26.79 -0.91 0.00	25.11 -0.86 0.00	21.34 -0.72 0.00	21.28 -0.72 0.00
FLOWRFLD_69_KV_BK1 356044	34.07 2.61 2.56	34.51 3.05 2.56	36.08 2.57 -5.29	34.51 2.55 -4.44	33.22 2.41 -4.77	47.56 2.08 -23.15	40.54 2.20 -13.92	33.46 2.19 -8.09	32.05 2.61 -1.40	48.90 2.68 -16.17	47.03 3.00 -10.67	36.68 3.23 1.53	37.60 3.10 -2.66	35.66 3.20 -0.95	36.66 3.13 -3.71	32.54 2.71 -0.60	31.98 2.45 0.00	29.80 2.03 0.00	29.36 1.89 -0.30	29.79 1.58 0.00	29.82 2.11 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.88 1.88 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	33.48 2.03 2.56	33.54 2.09 2.56	28.87 1.74 1.09	28.16 1.78 1.14	27.51 1.68 0.21	27.60 1.45 -3.83	27.93 1.53 -1.97	26.81 1.47 -2.16	29.92 1.76 -0.11	31.19 1.86 0.72	33.54 2.17 1.99	34.92 2.40 2.47	32.71 2.27 1.39	32.47 2.23 1.27	32.06 2.14 -0.10	31.27 2.05 0.00	31.58 2.05 0.00	29.84 2.08 0.00	29.49 2.02 -0.30	30.13 1.92 0.00	29.67 1.97 0.00	27.86 1.89 0.00	23.71 1.65 0.00	23.61 1.62 0.00
FORT ORANGE____ 23900	32.06 0.79 2.74	32.13 0.86 2.74	28.00 0.78 1.00	27.27 0.97 1.22	26.74 0.93 0.23	27.23 0.78 -4.13	27.30 0.74 -2.13	26.12 0.61 -2.33	29.09 0.73 -0.31	30.61 0.76 0.20	32.17 0.94 2.13	33.39 1.04 2.64	31.53 0.98 1.29	31.02 0.87 1.36	30.73 0.80 -0.11	30.04 0.81 0.00	30.39 0.86 0.00	28.76 1.00 0.00	28.81 1.01 -0.64	29.08 0.87 0.00	28.56 0.86 0.00	26.75 0.78 0.00	22.78 0.72 0.00	22.69 0.69 0.00
FORT_DRUM_COGEN 23780	32.67 0.50 1.85	31.99 -0.18 1.85	26.56 -0.68 0.98	25.60 -1.09 0.82	24.51 -1.38 0.15	22.00 -0.27 0.05	24.52 0.13 0.04	23.35 0.22 0.05	28.26 0.30 0.09	29.88 0.45 0.62	32.35 0.43 1.44	33.58 0.38 1.78	30.81 -0.02 1.01	30.05 -0.54 0.92	29.18 -0.62 0.02	28.68 -0.55 0.00	29.16 -0.37 0.00	27.64 -0.13 0.00	27.28 0.11 0.00	28.59 0.38 0.00	28.23 0.53 0.00	26.21 0.24 0.00	22.27 0.21 0.00	21.99 -0.01 0.00
FPL_FAR_ROCK_GT1 24212	33.99 2.54 2.56	34.54 3.08 2.56	36.12 2.61 -5.29	34.57 2.61 -4.45	33.27 2.46 -4.77	47.61 2.13 -23.16	40.59 2.25 -13.92	33.42 2.16 -8.09	31.89 2.45 -1.40	48.82 2.60 -16.17	46.89 2.86 -10.67	36.53 3.08 1.53	37.53 3.04 -2.66	35.54 3.08 -0.95	36.45 2.92 -3.71	32.51 2.68 -0.60	32.08 2.55 0.00	30.15 2.39 0.00	29.75 2.28 -0.30	30.30 2.09 0.00	30.10 2.40 0.00	28.29 2.32 0.00	24.18 2.11 0.00	24.11 2.11 0.00
FPL_FAR_ROCK_GT2 23815	33.99 2.54 2.56	34.54 3.08 2.56	36.12 2.61 -5.29	34.57 2.61 -4.45	33.27 2.46 -4.77	47.61 2.13 -23.16	40.59 2.25 -13.92	33.42 2.16 -8.09	31.89 2.45 -1.40	48.82 2.60 -16.17	46.89 2.86 -10.67	36.53 3.08 1.53	37.53 3.04 -2.66	35.54 3.08 -0.95	36.45 2.92 -3.71	32.51 2.68 -0.60	32.08 2.55 0.00	30.15 2.39 0.00	29.75 2.28 -0.30	30.30 2.09 0.00	30.10 2.40 0.00	28.29 2.32 0.00	24.18 2.11 0.00	24.11 2.11 0.00
FRANKLIN_FALL_HYD 24054	33.70 0.97 1.29	33.69 0.96 1.28	28.26 0.72 0.68	27.20 0.25 0.57	25.85 -0.08 0.11	22.19 -0.10 0.04	24.55 0.16 0.03	23.65 0.50 0.02	28.93 0.93 0.04	30.77 1.03 0.31	33.77 1.12 0.71	35.10 1.00 0.89	32.13 0.79 0.50	31.86 0.81 0.46	30.68 0.87 0.01	30.14 0.92 0.00	30.52 0.99 0.00	28.40 0.64 0.00	27.93 0.76 0.00	29.06 0.85 0.00	28.46 0.75 0.00	26.54 0.57 0.00	22.31 0.25 0.00	22.26 0.26 0.00
FREEPORT_EQUS_GT1 23764	33.98 2.52 2.56	34.27 2.81 2.56	35.91 2.39 -5.29	34.36 2.40 -4.44	33.07 2.26 -4.77	47.43 1.96 -23.15	40.41 2.06 -13.92	33.28 2.01 -8.09	31.80 2.36 -1.40	48.72 2.49 -16.17	46.78 2.75 -10.67	36.42 2.96 1.53	37.39 2.89 -2.66	35.39 2.93 -0.95	36.28 2.76 -3.71	32.36 2.53 -0.60	31.93 2.40 0.00	29.98 2.22 0.00	29.57 2.11 -0.30	30.11 1.90 0.00	29.94 2.24 0.00	28.13 2.16 0.00	24.01 1.95 0.00	23.90 1.90 0.00
FREEPORT___CT2 23818	33.98 2.52 2.56	34.27 2.81 2.56	35.91 2.39 -5.29	34.36 2.40 -4.44	33.07 2.26 -4.77	47.43 1.96 -23.15	40.41 2.06 -13.92	33.28 2.01 -8.09	31.80 2.36 -1.40	48.72 2.49 -16.17	46.78 2.75 -10.67	36.42 2.96 1.53	37.39 2.89 -2.66	35.39 2.93 -0.95	36.28 2.76 -3.71	32.36 2.53 -0.60	31.93 2.40 0.00	29.98 2.22 0.00	29.57 2.11 -0.30	30.11 1.90 0.00	29.94 2.24 0.00	28.13 2.16 0.00	24.01 1.95 0.00	23.90 1.90 0.00
FRESHKLS_33_KV_LOAD 356253	32.81 1.77 2.97	32.86 1.86 3.03	30.32 1.64 -0.45	28.08 1.70 1.14	27.42 1.59 0.21	37.39 1.37 -13.70	32.99 1.45 -7.12	32.36 1.42 -7.77	31.13 1.69 -1.41	33.37 1.66 -1.66	33.40 2.03 1.99	33.18 2.10 3.90	32.92 2.05 0.96	32.20 2.02 1.32	32.78 1.94 -1.03	31.74 1.79 -0.72	31.31 1.78 0.00	29.64 1.87 0.00	29.35 1.88 0.00	37.45 1.76 -7.48	37.43 1.80 -7.93	30.01 1.80 -2.24	23.66 1.60 0.00	23.58 1.59 0.00
FULTON COGEN____ 23766	32.98 -0.54 0.49	32.91 -0.62 0.49	27.40 -0.56 0.26	26.75 -0.55 0.22	25.45 -0.54 0.04	21.82 -0.49 0.01	23.90 -0.51 0.01	22.68 -0.48 0.02	27.40 -0.61 0.03	29.22 -0.61 0.22	32.20 -0.65 0.50	33.71 -0.65 0.62	30.85 -0.63 0.35	30.60 -0.58 0.32	29.11 -0.70 0.01	28.56 -0.67 0.00	28.84 -0.69 0.00	27.19 -0.57 0.00	26.62 -0.55 0.00	27.64 -0.57 0.00	27.14 -0.56 0.00	25.42 -0.55 0.00	21.59 -0.47 0.00	21.54 -0.46 0.00



FULTON___LFGE 323630	35.30 4.15 2.87	35.00 3.84 2.86	30.17 3.03 1.08	29.10 2.86 1.28	28.47 2.66 0.23	28.76 2.40 -4.04	29.20 2.70 -2.08	28.01 2.56 -2.28	31.42 3.07 -0.30	32.86 3.07 0.26	34.75 3.62 2.23	35.92 3.69 2.75	33.80 3.32 1.35	33.70 3.61 1.42	32.89 2.97 -0.10	32.65 3.42 0.00	32.87 3.34 0.00	31.60 3.83 0.00	31.90 3.71 -1.03	32.29 4.08 0.00	31.80 4.09 0.00	29.77 3.80 0.00	25.08 3.02 0.00	24.82 2.82 0.00
G.F.CEMENT___DRP 24184	32.99 1.82 2.84	33.05 1.88 2.84	28.73 1.57 1.05	27.86 1.61 1.27	27.33 1.52 0.23	27.81 1.30 -4.18	27.89 1.31 -2.15	26.77 1.23 -2.36	29.94 1.58 -0.31	31.56 1.74 0.23	33.17 2.02 2.21	34.39 2.13 2.73	32.49 1.99 1.34	32.00 1.90 1.41	31.86 1.94 -0.11	31.23 2.00 0.00	31.62 2.09 0.00	29.97 2.20 0.00	30.32 2.19 -0.96	30.33 2.12 0.00	29.68 1.98 0.00	27.78 1.81 0.00	23.61 1.55 0.00	23.43 1.43 0.00
GARDENVILLE___LBMP 24039	29.75 -0.53 3.75	29.59 -0.69 3.74	25.69 -0.54 1.99	25.07 -0.78 1.66	25.07 -0.67 0.31	21.52 -0.70 0.11	23.65 -0.69 0.08	22.42 -0.66 0.09	27.08 -0.79 0.18	27.99 -0.81 1.26	29.27 -1.18 2.91	30.03 -1.35 3.60	28.65 -1.16 2.03	28.85 -0.80 1.86	28.97 -0.81 0.04	28.47 -0.76 0.00	28.56 -0.97 0.00	26.90 -0.87 0.00	26.10 -1.10 -0.04	27.00 -1.21 0.00	26.41 -1.29 0.00	24.71 -1.15 0.11	20.84 -0.86 0.35	14.70 -0.66 6.64
GARDNVLA_35_KV_LD 355827	29.89 -0.39 3.74	29.74 -0.55 3.73	25.81 -0.43 1.98	25.18 -0.67 1.66	25.17 -0.56 0.31	21.60 -0.62 0.11	23.74 -0.60 0.08	22.50 -0.58 0.09	27.18 -0.69 0.18	28.11 -0.69 1.25	29.40 -1.06 2.90	30.19 -1.20 3.59	28.78 -1.02 2.03	29.01 -0.65 1.85	29.12 -0.66 0.04	28.63 -0.60 0.00	28.72 -0.81 0.00	27.06 -0.70 0.00	26.25 -0.96 -0.04	27.14 -1.06 0.00	26.55 -1.15 0.00	24.87 -1.01 0.09	21.02 -0.75 0.29	16.06 -0.57 5.36
GELCKHM___115KV_LOAD 80723	31.03 -0.34 2.64	30.96 -0.42 2.64	26.42 -0.40 1.40	25.92 -0.42 1.18	25.42 -0.41 0.22	21.89 -0.36 0.08	23.98 -0.38 0.06	22.74 -0.36 0.07	27.46 -0.46 0.13	28.70 -0.45 0.91	30.78 -0.48 2.10	31.89 -0.51 2.59	29.92 -0.46 1.46	29.78 -0.39 1.34	29.42 -0.37 0.03	28.87 -0.35 0.00	29.18 -0.35 0.00	27.51 -0.25 0.00	26.89 -0.28 0.00	27.91 -0.30 0.00	27.38 -0.32 0.00	25.66 -0.31 0.00	21.78 -0.28 0.00	21.71 -0.29 0.00
GENERAL___MILLS 23808	29.82 -0.45 3.74	29.67 -0.61 3.73	25.76 -0.48 1.98	25.14 -0.72 1.66	25.13 -0.61 0.31	21.56 -0.65 0.11	23.70 -0.64 0.08	22.46 -0.61 0.09	27.14 -0.73 0.18	28.05 -0.75 1.26	29.33 -1.12 2.90	30.11 -1.28 3.60	28.72 -1.09 2.03	28.92 -0.73 1.85	29.05 -0.73 0.04	28.55 -0.68 0.00	28.64 -0.89 0.00	26.98 -0.78 0.00	26.18 -1.03 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.81 -1.07 0.09	20.96 -0.80 0.30	15.68 -0.61 5.71
GE_PLASTICS___DRP 24183	31.95 0.66 2.73	32.02 0.74 2.73	27.91 0.69 1.00	27.18 0.88 1.22	26.65 0.83 0.22	27.10 0.71 -4.07	27.19 0.66 -2.10	26.02 0.55 -2.30	29.00 0.65 -0.31	30.51 0.67 0.21	32.05 0.81 2.12	33.27 0.91 2.63	31.41 0.86 1.28	30.93 0.77 1.35	30.66 0.74 -0.11	29.95 0.72 0.00	30.28 0.75 0.00	28.62 0.86 0.00	28.60 0.85 -0.58	28.92 0.72 0.00	28.42 0.72 0.00	26.65 0.67 0.00	22.70 0.63 0.00	22.62 0.63 0.00
GILBOA___1 23756	31.89 0.70 2.83	31.95 0.76 2.83	27.76 0.74 1.20	27.32 1.06 1.26	26.82 1.01 0.23	25.68 0.86 -2.50	26.40 0.70 -1.28	25.15 0.57 -1.41	28.73 0.67 -0.02	29.87 0.68 0.86	31.96 0.80 2.20	33.18 0.92 2.73	31.19 0.89 1.54	30.95 0.84 1.40	30.68 0.81 -0.05	30.01 0.78 0.00	30.30 0.78 0.00	28.56 0.80 0.00	28.22 0.78 -0.27	28.95 0.74 0.00	28.47 0.76 0.00	26.70 0.73 0.00	22.73 0.67 0.00	22.67 0.67 0.00
GILBOA___2 23757	31.89 0.70 2.83	31.95 0.76 2.83	27.76 0.74 1.20	27.32 1.06 1.26	26.82 1.01 0.23	25.68 0.86 -2.50	26.40 0.70 -1.28	25.15 0.57 -1.41	28.73 0.67 -0.02	29.87 0.68 0.86	31.96 0.80 2.20	33.18 0.92 2.73	31.19 0.89 1.54	30.95 0.84 1.40	30.68 0.81 -0.05	30.01 0.78 0.00	30.30 0.78 0.00	28.56 0.80 0.00	28.22 0.78 -0.27	28.95 0.74 0.00	28.47 0.76 0.00	26.70 0.73 0.00	22.73 0.67 0.00	22.67 0.67 0.00
GILBOA___3 23758	31.89 0.70 2.83	31.95 0.76 2.83	27.76 0.74 1.20	27.32 1.06 1.26	26.82 1.01 0.23	25.68 0.86 -2.50	26.40 0.70 -1.28	25.15 0.57 -1.41	28.73 0.67 -0.02	29.87 0.68 0.86	31.96 0.80 2.20	33.18 0.92 2.73	31.19 0.89 1.54	30.95 0.84 1.40	30.68 0.81 -0.05	30.01 0.78 0.00	30.30 0.78 0.00	28.56 0.80 0.00	28.22 0.78 -0.27	28.95 0.74 0.00	28.47 0.76 0.00	26.70 0.73 0.00	22.73 0.67 0.00	22.67 0.67 0.00
GILBOA___4 23759	31.89 0.70 2.83	31.95 0.76 2.83	27.76 0.74 1.20	27.32 1.06 1.26	26.82 1.01 0.23	25.68 0.86 -2.50	26.40 0.70 -1.28	25.15 0.57 -1.41	28.73 0.67 -0.02	29.87 0.68 0.86	31.96 0.80 2.20	33.18 0.92 2.73	31.19 0.89 1.54	30.95 0.84 1.40	30.68 0.81 -0.05	30.01 0.78 0.00	30.30 0.78 0.00	28.56 0.80 0.00	28.22 0.78 -0.27	28.95 0.74 0.00	28.47 0.76 0.00	26.70 0.73 0.00	22.73 0.67 0.00	22.67 0.67 0.00
GILBOA___ 23599	31.89 0.70 2.83	31.95 0.77 2.83	27.77 0.75 1.20	27.32 1.06 1.26	26.82 1.02 0.23	25.68 0.86 -2.50	26.40 0.70 -1.28	25.15 0.57 -1.41	28.73 0.67 -0.02	29.87 0.69 0.86	31.97 0.81 2.20	33.18 0.92 2.73	31.19 0.89 1.54	30.95 0.84 1.40	30.68 0.81 -0.05	30.01 0.78 0.00	30.30 0.78 0.00	28.56 0.80 0.00	28.22 0.78 -0.27	28.95 0.74 0.00	28.47 0.76 0.00	26.70 0.73 0.00	22.74 0.67 0.00	22.67 0.67 0.00
GINNA___ 23603	28.32 -1.73 3.97	28.23 -1.83 3.96	24.58 -1.54 2.11	24.12 -1.63 1.77	24.18 -1.54 0.33	20.82 -1.39 0.11	22.86 -1.48 0.09	21.67 -1.40 0.10	26.19 -1.67 0.19	27.06 -1.67 1.33	28.35 -1.94 3.08	29.12 -2.06 3.81	27.81 -1.88 2.15	27.83 -1.71 1.96	28.12 -1.65 0.04	27.68 -1.56 0.00	27.93 -1.61 0.00	26.37 -1.39 0.00	25.81 -1.39 -0.03	26.68 -1.53 0.00	26.10 -1.60 0.00	24.47 -1.50 0.00	20.79 -1.27 0.00	20.74 -1.26 0.00
GLEN PARK___ 23778	32.86 0.65 1.80	32.18 -0.03 1.80	26.71 -0.55 0.96	25.76 -0.96 0.80	24.64 -1.25 0.15	22.09 -0.18 0.05	24.60 0.22 0.04	23.44 0.31 0.05	28.36 0.40 0.08	30.02 0.58 0.60	32.54 0.59 1.41	33.80 0.56 1.75	30.97 0.12 0.99	30.16 -0.45 0.90	29.25 -0.55 0.02	28.75 -0.47 0.00	29.24 -0.29 0.00	27.75 -0.02 0.00	27.40 0.23 0.00	28.73 0.52 0.00	28.40 0.69 0.00	26.37 0.40 0.00	22.39 0.33 0.00	22.09 0.10 0.00
GLENDALE_27_KV_LOAD 356172	33.58 2.12 2.56	33.67 2.21 2.56	30.55 1.87 -0.45	28.27 1.89 1.14	27.61 1.78 0.21	37.56 1.54 -13.70	33.15 1.62 -7.12	32.52 1.58 -7.77	31.36 1.91 -1.41	33.67 1.92 -1.70	33.53 2.16 1.99	34.89 2.36 2.46	33.52 2.34 0.65	32.57 2.33 1.27	32.46 2.21 -0.42	31.28 2.05 0.00	31.54 2.01 0.00	29.86 2.10 0.00	29.52 2.06 -0.30	30.15 1.94 0.00	29.75 2.05 0.00	28.01 2.04 0.00	23.86 1.80 0.00	23.76 1.77 0.00

GLENWOOD_IC_1_G5 23712	33.68 2.23 2.56	33.90 2.44 2.56	35.56 2.05 -5.29	34.04 2.08 -4.44	32.76 1.96 -4.77	47.17 1.69 -23.15	40.13 1.79 -13.92	33.00 1.74 -8.09	31.51 2.07 -1.40	48.37 2.15 -16.17	46.48 2.45 -10.67	36.12 2.67 1.53	37.07 2.57 -2.66	34.83 2.37 -0.95	35.78 2.26 -3.71	31.89 2.07 -0.60	31.51 1.98 0.00	29.68 1.92 0.00	29.32 1.85 -0.30	29.88 1.67 0.00	29.62 1.91 0.00	27.98 2.01 0.00	23.84 1.78 0.00	23.74 1.75 0.00
GLENWOOD_IC_2_G1 23688	33.45 1.99 2.56	33.64 2.18 2.56	35.35 1.84 -5.29	33.83 1.86 -4.44	32.57 1.76 -4.77	47.01 1.53 -23.15	39.95 1.61 -13.92	32.84 1.57 -8.09	31.30 1.86 -1.40	48.14 1.91 -16.17	46.21 2.18 -10.67	35.85 2.40 1.53	36.83 2.33 -2.66	34.76 2.30 -0.95	35.72 2.19 -3.71	31.85 2.02 -0.60	31.48 1.95 0.00	29.69 1.93 0.00	29.34 1.88 -0.30	29.92 1.71 0.00	29.60 1.90 0.00	27.83 1.86 0.00	23.71 1.65 0.00	23.62 1.63 0.00
GLENWOOD_IC_3_G1 23689	33.45 1.99 2.56	33.64 2.18 2.56	35.35 1.84 -5.29	33.83 1.86 -4.44	32.57 1.76 -4.77	47.01 1.53 -23.15	39.95 1.61 -13.92	32.84 1.57 -8.09	31.30 1.86 -1.40	48.14 1.91 -16.17	46.21 2.18 -10.67	35.85 2.40 1.53	36.83 2.33 -2.66	34.76 2.30 -0.95	35.72 2.19 -3.71	31.85 2.02 -0.60	31.48 1.95 0.00	29.69 1.93 0.00	29.34 1.88 -0.30	29.92 1.71 0.00	29.60 1.90 0.00	27.83 1.86 0.00	23.71 1.65 0.00	23.62 1.63 0.00
GLENWOOD___4 23550	33.68 2.23 2.56	33.90 2.44 2.56	35.56 2.05 -5.29	34.04 2.08 -4.44	32.76 1.96 -4.77	47.17 1.69 -23.15	40.13 1.79 -13.92	33.00 1.74 -8.09	31.51 2.07 -1.40	48.37 2.15 -16.17	46.48 2.45 -10.67	36.12 2.67 1.53	37.08 2.58 -2.66	34.90 2.45 -0.95	35.85 2.33 -3.71	31.97 2.15 -0.60	31.58 2.05 0.00	29.75 1.99 0.00	29.38 1.91 -0.30	29.95 1.74 0.00	29.68 1.97 0.00	27.98 2.01 0.00	23.84 1.78 0.00	23.74 1.75 0.00
GLENWOOD___5 23614	33.68 2.23 2.56	33.90 2.44 2.56	35.56 2.05 -5.29	34.04 2.08 -4.44	32.76 1.96 -4.77	47.17 1.69 -23.15	40.13 1.79 -13.92	33.00 1.74 -8.09	31.51 2.07 -1.40	48.37 2.15 -16.17	46.48 2.45 -10.67	36.12 2.67 1.53	37.08 2.58 -2.66	34.90 2.45 -0.95	35.85 2.33 -3.71	31.97 2.15 -0.60	31.58 2.05 0.00	29.75 1.99 0.00	29.38 1.91 -0.30	29.95 1.74 0.00	29.68 1.97 0.00	27.98 2.01 0.00	23.84 1.78 0.00	23.74 1.75 0.00
GLOBAL GREEN_PORT_GT1 23814	35.66 4.20 2.56	36.20 4.74 2.56	37.38 3.87 -5.29	35.73 3.76 -4.44	34.33 3.52 -4.77	48.50 3.02 -23.15	41.61 3.27 -13.92	34.50 3.23 -8.09	33.36 3.92 -1.40	50.42 4.20 -16.17	48.78 4.75 -10.67	38.54 5.08 1.53	39.39 4.89 -2.66	37.24 4.78 -0.95	38.31 4.79 -3.71	34.23 4.40 -0.60	33.22 3.69 0.00	30.68 2.91 0.00	30.18 2.72 -0.30	30.68 2.47 0.00	30.88 3.18 0.00	29.33 3.36 0.00	25.03 2.96 0.00	24.85 2.86 0.00
GLOBE___DSASP 323697	28.63 -1.56 3.83	28.55 -1.64 3.83	24.91 -1.28 2.04	24.34 -1.47 1.71	24.39 -1.34 0.31	20.91 -1.31 0.11	23.00 -1.34 0.09	21.73 -1.35 0.10	26.21 -1.65 0.18	27.04 -1.73 1.28	28.13 -2.25 2.97	28.68 -2.63 3.68	27.33 -2.43 2.08	27.54 -2.07 1.90	27.67 -2.11 0.04	27.20 -2.03 0.00	27.22 -2.30 0.00	25.62 -2.14 0.00	24.91 -2.30 -0.04	25.75 -2.45 0.00	25.24 -2.46 0.00	23.66 -2.24 0.07	20.19 -1.64 0.23	16.36 -1.26 4.38
GOETHSLN___LBMP 323567	33.07 1.73 2.68	32.83 1.81 2.99	30.24 1.56 -0.45	27.98 1.60 1.14	27.33 1.50 0.21	37.32 1.30 -13.70	32.88 1.34 -7.12	32.30 1.36 -7.77	31.10 1.65 -1.41	33.32 1.58 -1.70	33.20 1.83 1.99	34.60 2.08 2.46	33.26 2.07 0.65	32.28 2.05 1.27	32.19 1.95 -0.42	31.03 1.80 0.00	31.30 1.77 0.00	29.61 1.84 0.00	29.29 1.82 -0.30	29.90 1.69 0.00	29.48 1.77 0.00	27.73 1.76 0.00	23.58 1.52 0.00	23.51 1.51 0.00
GOLAH___69_KV_TB 1_2 80279	30.01 -0.08 3.93	29.88 -0.21 3.92	25.96 -0.17 2.09	25.43 -0.34 1.75	25.42 -0.30 0.32	21.84 -0.37 0.11	24.00 -0.34 0.09	22.75 -0.32 0.10	27.48 -0.37 0.18	28.46 -0.28 1.32	29.82 -0.50 3.05	30.64 -0.58 3.77	29.19 -0.51 2.13	29.28 -0.28 1.94	29.42 -0.35 0.04	28.95 -0.28 0.00	29.19 -0.34 0.00	27.57 -0.19 0.00	26.95 -0.25 -0.03	27.90 -0.30 0.00	27.29 -0.41 0.00	25.61 -0.37 0.00	21.80 -0.26 0.00	21.82 -0.18 0.00
GOODYEAR_LAKE_HYD 323669	32.16 1.22 3.08	32.15 1.20 3.07	27.58 0.99 1.63	27.25 1.09 1.37	26.83 1.04 0.25	23.13 0.89 0.09	25.25 0.90 0.07	23.93 0.83 0.08	28.94 1.04 0.15	30.15 1.14 1.04	32.27 1.31 2.40	33.49 1.48 2.97	31.56 1.40 1.68	31.37 1.40 1.53	31.15 1.37 0.03	30.55 1.32 0.00	30.88 1.35 0.00	29.12 1.35 0.00	28.62 1.32 -0.13	29.52 1.31 0.00	28.99 1.29 0.00	27.18 1.21 0.00	23.07 1.01 0.00	22.97 0.97 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	31.36 0.27 2.92	31.31 0.21 2.92	26.76 0.09 1.55	26.28 0.06 1.30	25.88 0.08 0.24	22.29 0.05 0.08	24.36 0.01 0.07	23.17 0.08 0.07	27.96 0.06 0.14	29.11 0.05 0.99	31.12 0.05 2.29	32.23 0.08 2.84	30.38 0.15 1.60	30.30 0.25 1.46	30.05 0.27 0.03	29.50 0.28 0.00	29.78 0.25 0.00	28.11 0.34 0.00	27.45 0.20 -0.08	28.40 0.19 0.00	27.86 0.16 0.00	26.18 0.21 0.00	22.20 0.13 0.00	22.20 0.20 0.00
GOUDEY___7 23579	31.40 0.31 2.92	31.34 0.24 2.92	26.79 0.11 1.55	26.30 0.08 1.30	25.91 0.10 0.24	22.30 0.06 0.08	24.39 0.03 0.07	23.19 0.10 0.07	27.99 0.09 0.14	29.14 0.08 0.99	31.16 0.09 2.29	32.27 0.12 2.84	30.42 0.19 1.60	30.33 0.29 1.46	30.09 0.30 0.03	29.54 0.31 0.00	29.81 0.28 0.00	28.15 0.38 0.00	27.49 0.24 -0.08	28.43 0.22 0.00	27.91 0.20 0.00	26.21 0.24 0.00	22.22 0.16 0.00	22.22 0.22 0.00
GOUDEY___8 23580	31.36 0.27 2.92	31.31 0.21 2.92	26.76 0.09 1.55	26.28 0.06 1.30	25.88 0.08 0.24	22.29 0.05 0.08	24.36 0.01 0.07	23.17 0.08 0.07	27.96 0.06 0.14	29.11 0.05 0.99	31.12 0.05 2.29	32.23 0.08 2.84	30.38 0.15 1.60	30.30 0.25 1.46	30.05 0.27 0.03	29.50 0.28 0.00	29.78 0.25 0.00	28.11 0.34 0.00	27.45 0.20 -0.08	28.40 0.19 0.00	27.86 0.16 0.00	26.18 0.21 0.00	22.20 0.13 0.00	22.20 0.20 0.00
GOWANUS_GT1_1 24077	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_2 24078	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00

GOWANUS_GT1_3 24079	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_4 24080	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_5 24084	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_6 24111	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_7 24112	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT1_8 24113	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT2_1 24114	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT2_2 24115	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21																			

GOWANUS_GT3_2 24123	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_3 24124	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_4 24125	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_5 24126	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_6 24127	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_7 24128	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT3_8 24129	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GOWANUS_GT4_1 24130	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21																			

GREENBSH_115KV_TB3 55895	31.80 0.53 2.75	31.89 0.62 2.74	27.81 0.59 1.00	27.08 0.79 1.22	26.57 0.76 0.23	27.21 0.64 -4.25	27.20 0.58 -2.19	26.05 0.48 -2.40	28.93 0.56 -0.33	30.44 0.58 0.19	31.94 0.72 2.14	33.17 0.83 2.64	31.32 0.78 1.29	30.81 0.67 1.36	30.57 0.64 -0.11	29.86 0.63 0.00	30.20 0.67 0.00	28.57 0.80 0.00	28.62 0.80 -0.65	28.85 0.64 0.00	28.34 0.63 0.00	26.55 0.58 0.00	22.63 0.57 0.00	22.56 0.56 0.00
GREENDGE_115KV_TB5 80291	31.16 0.33 3.19	30.99 0.15 3.18	26.66 0.13 1.69	26.12 0.02 1.42	25.82 0.04 0.26	22.21 -0.02 0.09	24.31 -0.04 0.07	23.14 0.05 0.08	27.92 0.03 0.15	29.06 0.09 1.08	30.96 0.09 2.50	31.88 -0.02 3.09	30.20 0.11 1.74	30.15 0.24 1.59	29.89 0.11 0.04	29.38 0.14 0.00	29.52 0.00 0.00	27.99 0.23 0.00	27.34 0.12 -0.05	28.35 0.14 0.00	27.81 0.10 0.00	26.40 0.30 -0.13	22.61 0.11 -0.44	30.24 0.05 -8.20
GREENIDGE___3 23582	31.16 0.33 3.19	30.99 0.15 3.18	26.66 0.13 1.69	26.12 0.02 1.42	25.82 0.04 0.26	22.21 -0.02 0.09	24.31 -0.04 0.07	23.14 0.05 0.08	27.92 0.03 0.15	29.06 0.09 1.08	30.96 0.09 2.50	31.88 -0.02 3.09	30.20 0.11 1.74	30.15 0.24 1.59	29.89 0.11 0.04	29.38 0.14 0.00	29.52 0.00 0.00	27.99 0.23 0.00	27.34 0.12 -0.05	28.35 0.14 0.00	27.81 0.10 0.00	26.40 0.30 -0.13	22.61 0.11 -0.44	30.24 0.05 -8.20
GREENIDGE___4 23583	31.16 0.33 3.19	30.99 0.16 3.18	26.66 0.13 1.69	26.12 0.02 1.42	25.83 0.05 0.26	22.21 -0.02 0.09	24.31 -0.04 0.07	23.14 0.05 0.08	27.92 0.03 0.15	29.06 0.09 1.08	30.96 0.09 2.50	31.88 -0.01 3.09	30.21 0.12 1.74	30.16 0.24 1.59	29.90 0.12 0.04	29.37 0.15 0.00	29.52 0.00 0.00	27.99 0.23 0.00	27.34 0.12 -0.05	28.36 0.15 0.00	27.81 0.10 0.00	26.40 0.30 -0.13	22.61 0.11 -0.44	30.25 0.05 -8.20
GREENLWN_69_KV_BK 3 55738	33.52 2.06 2.56	33.94 2.48 2.56	35.68 2.17 -5.29	34.16 2.19 -4.44	32.89 2.08 -4.77	47.28 1.81 -23.15	40.24 1.90 -13.92	33.13 1.87 -8.09	31.64 2.20 -1.40	48.45 2.23 -16.17	46.48 2.45 -10.67	36.10 2.65 1.53	37.00 2.50 -2.66	35.06 2.60 -0.95	35.99 2.47 -3.71	32.02 2.20 -0.60	31.45 1.92 0.00	29.46 1.69 0.00	29.08 1.62 -0.30	29.55 1.34 0.00	29.47 1.77 0.00	27.66 1.69 0.00	23.62 1.56 0.00	23.53 1.54 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
GRISSOM___SOLAR 323813	35.30 4.15 2.87	35.00 3.84 2.86	30.17 3.03 1.08	29.10 2.86 1.28	28.47 2.66 0.23	28.76 2.40 -4.04	29.20 2.70 -2.08	28.01 2.56 -2.28	31.42 3.07 -0.30	32.86 3.07 0.26	34.75 3.62 2.23	35.92 3.69 2.75	33.80 3.32 1.35	33.70 3.61 1.42	32.89 2.97 -0.10	32.65 3.42 0.00	32.87 3.34 0.00	31.60 3.83 0.00	31.90 3.71 -1.03	32.29 4.08 0.00	31.80 4.09 0.00	29.77 3.80 0.00	25.08 3.02 0.00	24.82 2.82 0.00
GROVEVILLE___HYD 323602	33.48 2.03 2.56	33.54 2.09 2.56	28.87 1.74 1.09	28.16 1.78 1.14	27.51 1.68 0.21	27.60 1.45 -3.83	27.93 1.53 -1.97	26.81 1.47 -2.16	29.92 1.76 -0.11	31.19 1.86 0.72	33.54 2.17 1.99	34.92 2.40 2.47	32.71 2.27 1.39	32.47 2.23 1.27	32.06 2.14 -0.10	31.27 2.05 0.00	31.58 2.05 0.00	29.84 2.08 0.00	29.49 2.02 -0.30	30.13 1.92 0.00	29.67 1.97 0.00	27.86 1.89 0.00	23.71 1.65 0.00	23.61 1.62 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	32.13 0.04 1.93	32.03 -0.06 1.92	27.10 -0.10 1.02	26.50 -0.16 0.86	25.73 -0.15 0.16	22.12 -0.15 0.06	24.23 -0.14 0.04	22.98 -0.14 0.05	27.78 -0.17 0.10	29.25 -0.12 0.68	31.63 -0.16 1.57	32.93 -0.12 1.94	30.64 -0.10 1.09	30.49 -0.01 1.00	29.75 -0.04 0.02	29.24 0.01 0.00	29.55 0.02 0.00	27.84 0.08 0.00	27.21 0.04 0.00	28.27 0.06 0.00	27.71 0.01 0.00	25.99 0.02 0.00	22.03 -0.03 0.00	21.95 -0.05 0.00
HAMPSHIRE___PAPER_HYD 323593	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.10 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.04 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.55 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
HARDSCRABBLE_WT_PWR 323673	29.21 -0.11 4.70	29.28 -0.04 4.69	25.68 -0.05 2.49	25.56 0.13 2.09	25.89 0.23 0.39	22.46 0.27 0.13	24.45 0.13 0.11	23.17 0.11 0.12	27.89 0.07 0.23	28.48 0.04 1.61	29.76 0.12 3.72	30.61 0.24 4.62	29.56 0.33 2.60	29.28 0.15 2.38	29.83 0.07 0.05	29.38 0.15 0.00	29.69 0.16 0.00	28.20 0.43 0.00	27.68 0.51 0.00	28.56 0.36 0.00	27.99 0.29 0.00	26.18 0.21 0.00	22.36 0.30 0.00	22.30 0.30 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	33.25 1.74 2.51	33.31 1.80 2.50	26.64 1.46 3.04	27.89 1.48 1.12	27.24 1.41 0.21	12.12 1.22 11.43	19.77 1.31 5.97	17.95 1.28 6.50	28.06 1.53 1.51	28.31 1.58 3.32	33.30 1.88 1.95	34.67 2.09 2.41	31.75 2.03 2.11	32.27 2.01 1.24	31.34 1.92 0.40	31.07 1.84 0.00	31.38 1.85 0.00	29.65 1.89 0.00	29.28 1.84 -0.27	29.94 1.73 0.00	29.48 1.77 0.00	27.67 1.71 0.00	23.53 1.47 0.00	23.44 1.44 0.00
HARSNRAD_115KV_TB1 81005	29.15 -1.04 3.83	29.03 -1.16 3.82	25.33 -0.86 2.03	24.74 -1.08 1.71	24.77 -0.96 0.31	21.24 -0.97 0.11	23.37 -0.97 0.09	22.09 -0.99 0.10	26.67 -1.19 0.18	27.54 -1.23 1.28	28.67 -1.72 2.97	29.39 -1.92 3.68	28.07 -1.69 2.08	28.30 -1.31 1.89	28.44 -1.34 0.04	27.95 -1.28 0.00	28.02 -1.51 0.00	26.39 -1.38 0.00	25.66 -1.54 -0.04	26.54 -1.67 0.00	25.98 -1.72 0.00	24.34 -1.56 0.07	20.71 -1.12 0.23	16.76 -0.85 4.39
HARZA MOOSE___RIVER 24016	31.22 0.64 3.44	30.80 0.23 3.43	26.29 -0.10 1.83	25.67 -0.32 1.53	25.30 -0.45 0.28	22.34 0.12 0.10	24.67 0.33 0.08	23.45 0.36 0.09	28.33 0.45 0.16	29.42 0.53 1.16	31.22 0.56 2.69	32.15 0.52 3.35	30.28 0.34 1.89	29.91 0.14 1.73	29.94 0.16 0.04	29.40 0.17 0.00	29.89 0.36 0.00	28.22 0.45 0.00	27.71 0.54 0.00	28.89 0.69 0.00	28.41 0.71 0.00	26.50 0.53 0.00	22.50 0.43 0.00	22.34 0.35 0.00

HDSNBRDG_115KV_BRDG_TB1 355580	30.81 -0.31 2.90	30.74 -0.38 2.89	26.32 -0.36 1.54	25.85 -0.38 1.29	25.44 -0.36 0.24	21.90 -0.34 0.08	23.99 -0.37 0.07	22.75 -0.34 0.07	27.47 -0.44 0.14	28.63 -0.43 0.99	30.60 -0.47 2.29	31.63 -0.52 2.83	29.77 -0.47 1.60	29.64 -0.40 1.46	29.41 -0.38 0.03	28.87 -0.35 0.00	29.17 -0.36 0.00	27.51 -0.25 0.00	26.88 -0.28 0.00	27.89 -0.32 0.00	27.36 -0.34 0.00	25.64 -0.33 0.00	21.77 -0.29 0.00	21.71 -0.29 0.00
HELLGATE_13_KV_LD 55870	33.36 1.90 2.56	33.46 2.00 2.56	30.39 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.39 1.45 -7.77	31.19 1.74 -1.41	33.49 1.75 -1.70	33.34 1.97 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.13 1.27	32.26 2.02 -0.42	31.10 1.87 0.00	31.34 1.81 0.00	29.67 1.91 0.00	29.34 1.88 -0.30	29.97 1.76 0.00	29.57 1.87 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.62 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	33.36 1.90 2.56	33.46 2.00 2.56	30.39 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.39 1.45 -7.77	31.19 1.74 -1.41	33.49 1.75 -1.70	33.34 1.97 1.99	34.69 2.17 2.46	33.33 2.14 0.65	32.36 2.13 1.27	32.26 2.02 -0.42	31.10 1.87 0.00	31.34 1.81 0.00	29.67 1.91 0.00	29.34 1.88 -0.30	29.97 1.76 0.00	29.57 1.87 0.00	27.84 1.87 0.00	23.71 1.65 0.00	23.62 1.62 0.00
HEMPSTEAD____ 23647	33.63 2.17 2.56	33.91 2.45 2.56	35.60 2.08 -5.29	34.07 2.11 -4.44	32.80 1.99 -4.77	47.19 1.72 -23.15	40.16 1.82 -13.92	33.04 1.77 -8.09	31.53 2.09 -1.40	48.39 2.17 -16.17	46.45 2.42 -10.67	36.08 2.62 1.53	37.06 2.56 -2.66	34.99 2.53 -0.95	35.93 2.40 -3.71	32.01 2.19 -0.60	31.60 2.07 0.00	29.70 1.93 0.00	29.31 1.85 -0.30	29.85 1.64 0.00	29.65 1.95 0.00	27.89 1.92 0.00	23.79 1.73 0.00	23.68 1.68 0.00
HEWLETT__69_KV_BK3 55828	33.89 2.44 2.56	34.32 2.87 2.56	35.94 2.43 -5.29	34.40 2.44 -4.44	33.11 2.31 -4.77	47.47 1.99 -23.15	40.44 2.09 -13.92	33.29 2.02 -8.09	31.76 2.32 -1.40	48.68 2.46 -16.17	46.73 2.70 -10.67	36.37 2.92 1.53	37.36 2.86 -2.66	35.37 2.91 -0.95	36.28 2.75 -3.71	32.33 2.51 -0.60	31.91 2.38 0.00	29.99 2.22 0.00	29.60 2.14 -0.30	30.15 1.94 0.00	29.96 2.26 0.00	28.16 2.19 0.00	24.05 1.99 0.00	23.97 1.97 0.00
HICKLING___1 23621	31.28 0.40 3.14	31.10 0.22 3.13	26.65 0.09 1.67	26.11 -0.02 1.40	25.82 0.04 0.26	22.19 -0.04 0.09	24.27 -0.08 0.07	23.16 0.06 0.08	27.94 0.04 0.15	29.02 0.03 1.06	30.94 0.04 2.46	31.91 -0.04 3.04	30.23 0.11 1.72	30.23 0.30 1.57	30.09 0.31 0.04	29.57 0.34 0.00	29.82 0.29 0.00	28.21 0.44 0.00	27.40 0.17 -0.06	28.39 0.18 0.00	27.81 0.10 0.00	26.22 0.20 -0.05	22.23 0.01 -0.16	25.03 0.05 -2.98
HICKLING___2 23622	31.28 0.40 3.14	31.10 0.22 3.13	26.65 0.09 1.67	26.11 -0.02 1.40	25.82 0.04 0.26	22.19 -0.04 0.09	24.27 -0.08 0.07	23.16 0.06 0.08	27.94 0.04 0.15	29.02 0.03 1.06	30.94 0.04 2.46	31.91 -0.04 3.04	30.23 0.11 1.72	30.23 0.30 1.57	30.09 0.31 0.04	29.57 0.34 0.00	29.82 0.29 0.00	28.21 0.44 0.00	27.40 0.17 -0.06	28.39 0.18 0.00	27.81 0.10 0.00	26.22 0.20 -0.05	22.23 0.01 -0.16	25.03 0.05 -2.98
HIGH FALLS___HY 23754	33.63 2.17 2.55	33.62 2.16 2.55	28.60 1.74 1.35	28.10 1.72 1.14	27.45 1.62 0.21	23.65 1.40 0.07	25.84 1.48 0.06	24.57 1.46 0.06	29.67 1.75 0.12	31.06 1.86 0.86	33.58 2.20 1.98	34.96 2.43 2.46	32.81 2.36 1.39	32.59 2.35 1.26	32.06 2.27 0.03	31.35 2.12 0.00	31.68 2.15 0.00	29.93 2.17 0.00	29.62 2.13 -0.32	30.29 2.08 0.00	29.83 2.13 0.00	28.02 2.05 0.00	23.81 1.74 0.00	23.68 1.68 0.00
HILLBURN___GT 23639	33.07 1.57 2.52	33.15 1.65 2.52	26.21 1.34 3.35	27.77 1.38 1.12	27.14 1.30 0.21	10.75 1.13 12.70	19.02 1.23 6.64	17.16 1.21 7.22	27.78 1.44 1.71	27.78 1.46 3.73	33.13 1.72 1.96	34.50 1.94 2.42	31.49 1.89 2.24	32.12 1.87 1.25	31.17 1.80 0.44	30.92 1.69 0.00	31.24 1.71 0.00	29.51 1.75 0.00	29.16 1.72 -0.28	29.80 1.59 0.00	29.36 1.65 0.00	27.58 1.61 0.00	23.46 1.40 0.00	23.39 1.39 0.00
HILLSIDE_115KV_TB1 80332	30.72 -0.19 3.11	30.63 -0.28 3.10	26.19 -0.38 1.65	25.65 -0.49 1.38	25.38 -0.41 0.25	21.84 -0.40 0.09	23.87 -0.48 0.07	22.81 -0.29 0.08	27.50 -0.40 0.15	28.54 -0.46 1.05	30.40 -0.53 2.43	31.40 -0.57 3.01	29.73 -0.41 1.70	29.75 -0.21 1.55	29.61 -0.17 0.04	29.10 -0.13 0.00	29.32 -0.21 0.00	27.71 -0.06 0.00	26.89 -0.34 -0.07	27.86 -0.35 0.00	27.31 -0.39 0.00	25.78 -0.23 -0.04	21.87 -0.32 -0.12	24.05 -0.20 -2.25
HISHELDN_WT_PWR 323625	29.86 -0.52 3.65	29.63 -0.74 3.64	25.76 -0.52 1.94	25.19 -0.71 1.62	25.13 -0.61 0.30	21.55 -0.66 0.10	23.63 -0.71 0.08	22.38 -0.70 0.09	27.05 -0.82 0.17	27.97 -0.86 1.23	29.33 -1.19 2.83	30.12 -1.36 3.51	28.73 -1.13 1.98	28.88 -0.81 1.81	28.96 -0.81 0.04	28.44 -0.79 0.00	28.56 -0.97 0.00	26.90 -0.87 0.00	26.05 -1.16 -0.04	27.01 -1.19 0.00	26.43 -1.27 0.00	24.56 -1.17 0.24	20.25 -1.00 0.81	5.87 -0.89 15.23
HOLTSVILLE_IC_1 23690	33.75 2.30 2.56	34.23 2.77 2.56	35.86 2.35 -5.29	34.30 2.35 -4.44	33.01 2.21 -4.77	47.40 1.92 -23.15	40.36 2.02 -13.92	33.27 2.01 -8.09	31.81 2.37 -1.40	48.65 2.43 -16.17	46.73 2.71 -10.67	36.36 2.90 1.53	37.29 2.79 -2.66	35.30 2.85 -0.95	36.33 2.81 -3.71	32.27 2.45 -0.60	31.72 2.19 0.00	29.61 1.84 0.00	29.20 1.73 -0.30	29.65 1.44 0.00	29.65 1.94 0.00	27.84 1.87 0.00	23.80 1.74 0.00	23.72 1.72 0.00
HOLTSVILLE_IC_10 23699	34.03 2.57 2.56	34.49 3.03 2.56	36.06 2.55 -5.29	34.49 2.53 -4.44	33.19 2.39 -4.77	47.54 2.07 -23.15	40.52 2.18 -13.92	33.44 2.17 -8.09	32.02 2.58 -1.40	48.87 2.65 -16.17	47.00 2.97 -10.67	36.63 3.18 1.53	37.55 3.05 -2.66	35.58 3.12 -0.95	36.62 3.10 -3.71	32.53 2.70 -0.60	31.98 2.45 0.00	29.83 2.07 0.00	29.40 1.94 -0.30	29.85 1.64 0.00	29.86 2.16 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.87 1.87 0.00
HOLTSVILLE_IC_2 23691	33.75 2.30 2.56	34.23 2.77 2.56	35.86 2.35 -5.29	34.30 2.35 -4.44	33.01 2.21 -4.77	47.40 1.92 -23.15	40.36 2.02 -13.92	33.27 2.01 -8.09	31.81 2.37 -1.40	48.65 2.43 -16.17	46.73 2.71 -10.67	36.36 2.90 1.53	37.29 2.79 -2.66	35.30 2.85 -0.95	36.33 2.81 -3.71	32.27 2.45 -0.60	31.72 2.19 0.00	29.61 1.84 0.00	29.20 1.73 -0.30	29.65 1.44 0.00	29.65 1.94 0.00	27.84 1.87 0.00	23.80 1.74 0.00	23.72 1.72 0.00
HOLTSVILLE_IC_3 23692	33.75 2.30 2.56	34.23 2.77 2.56	35.86 2.35 -5.29	34.30 2.35 -4.44	33.01 2.21 -4.77	47.40 1.92 -23.15	40.36 2.02 -13.92	33.27 2.01 -8.09	31.81 2.37 -1.40	48.65 2.43 -16.17	46.73 2.71 -10.67	36.36 2.90 1.53	37.29 2.79 -2.66	35.30 2.85 -0.95	36.33 2.81 -3.71	32.27 2.45 -0.60	31.72 2.19 0.00	29.61 1.84 0.00	29.20 1.73 -0.30	29.65 1.44 0.00	29.65 1.94 0.00	27.84 1.87 0.00	23.80 1.74 0.00	23.72 1.72 0.00

HOLTSVILLE_IC_4 23693	33.75 2.30 2.56	34.23 2.77 2.56	35.86 2.35 -5.29	34.30 2.35 -4.44	33.01 2.21 -4.77	47.40 1.92 -23.15	40.36 2.02 -13.92	33.27 2.01 -8.09	31.81 2.37 -1.40	48.65 2.43 -16.17	46.73 2.71 -10.67	36.36 2.90 1.53	37.29 2.79 -2.66	35.30 2.85 -0.95	36.33 2.81 -3.71	32.27 2.45 -0.60	31.72 2.19 0.00	29.61 1.84 0.00	29.20 1.73 -0.30	29.65 1.44 0.00	29.65 1.94 0.00	27.84 1.87 0.00	23.80 1.74 0.00	23.72 1.72 0.00
HOLTSVILLE_IC_5 23694	33.75 2.30 2.56	34.23 2.77 2.56	35.86 2.35 -5.29	34.30 2.35 -4.44	33.01 2.21 -4.77	47.40 1.92 -23.15	40.36 2.02 -13.92	33.27 2.01 -8.09	31.81 2.37 -1.40	48.65 2.43 -16.17	46.73 2.71 -10.67	36.36 2.90 1.53	37.29 2.79 -2.66	35.30 2.85 -0.95	36.33 2.81 -3.71	32.27 2.45 -0.60	31.72 2.19 0.00	29.61 1.84 0.00	29.20 1.73 -0.30	29.65 1.44 0.00	29.65 1.94 0.00	27.84 1.87 0.00	23.80 1.74 0.00	23.72 1.72 0.00
HOLTSVILLE_IC_6 23695	34.03 2.57 2.56	34.49 3.03 2.56	36.06 2.55 -5.29	34.49 2.53 -4.44	33.19 2.39 -4.77	47.54 2.07 -23.15	40.52 2.18 -13.92	33.44 2.17 -8.09	32.02 2.58 -1.40	48.87 2.65 -16.17	47.00 2.97 -10.67	36.63 3.18 1.53	37.55 3.05 -2.66	35.58 3.12 -0.95	36.62 3.10 -3.71	32.53 2.70 -0.60	31.98 2.45 0.00	29.83 2.07 0.00	29.40 1.94 -0.30	29.85 1.64 0.00	29.86 2.16 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.87 1.87 0.00
HOLTSVILLE_IC_7 23696	34.03 2.57 2.56	34.49 3.03 2.56	36.06 2.55 -5.29	34.49 2.53 -4.44	33.19 2.39 -4.77	47.54 2.07 -23.15	40.52 2.18 -13.92	33.44 2.17 -8.09	32.02 2.58 -1.40	48.87 2.65 -16.17	47.00 2.97 -10.67	36.63 3.18 1.53	37.55 3.05 -2.66	35.58 3.12 -0.95	36.62 3.10 -3.71	32.53 2.70 -0.60	31.98 2.45 0.00	29.83 2.07 0.00	29.40 1.94 -0.30	29.85 1.64 0.00	29.86 2.16 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.87 1.87 0.00
HOLTSVILLE_IC_8 23697	34.03 2.57 2.56	34.49 3.03 2.56	36.06 2.55 -5.29	34.49 2.53 -4.44	33.19 2.39 -4.77	47.54 2.07 -23.15	40.52 2.18 -13.92	33.44 2.17 -8.09	32.02 2.58 -1.40	48.87 2.65 -16.17	47.00 2.97 -10.67	36.63 3.18 1.53	37.55 3.05 -2.66	35.58 3.12 -0.95	36.62 3.10 -3.71	32.53 2.70 -0.60	31.98 2.45 0.00	29.83 2.07 0.00	29.40 1.94 -0.30	29.85 1.64 0.00	29.86 2.16 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.87 1.87 0.00
HOLTSVILLE_IC_9 23698	34.03 2.57 2.56	34.49 3.03 2.56	36.06 2.55 -5.29	34.49 2.53 -4.44	33.19 2.39 -4.77	47.54 2.07 -23.15	40.52 2.18 -13.92	33.44 2.17 -8.09	32.02 2.58 -1.40	48.87 2.65 -16.17	47.00 2.97 -10.67	36.63 3.18 1.53	37.55 3.05 -2.66	35.58 3.12 -0.95	36.62 3.10 -3.71	32.53 2.70 -0.60	31.98 2.45 0.00	29.83 2.07 0.00	29.40 1.94 -0.30	29.85 1.64 0.00	29.86 2.16 0.00	28.03 2.06 0.00	23.96 1.90 0.00	23.87 1.87 0.00
HOMER_HL_115KV_TB2 355744	30.07 -0.36 3.59	29.95 -0.48 3.59	25.87 -0.45 1.91	25.21 -0.71 1.60	25.14 -0.61 0.30	21.67 -0.55 0.10	23.84 -0.50 0.08	22.70 -0.38 0.09	27.50 -0.37 0.17	28.46 -0.39 1.21	29.84 -0.73 2.80	30.58 -0.95 3.46	29.14 -0.75 1.95	29.28 -0.44 1.78	29.42 -0.35 0.04	28.92 -0.31 0.00	29.06 -0.47 0.00	27.40 -0.36 0.00	26.58 -0.63 -0.05	27.45 -0.76 0.00	26.88 -0.83 0.00	25.28 -0.68 0.02	21.54 -0.47 0.05	20.87 -0.11 1.01
HOWARD_WT_PWR 323690	30.78 0.10 3.34	30.21 -0.47 3.33	26.49 0.04 1.77	25.96 -0.07 1.49	25.71 -0.06 0.27	22.10 -0.13 0.10	24.06 -0.28 0.08	22.85 -0.24 0.08	27.70 -0.18 0.16	28.65 -0.28 1.13	30.41 -0.34 2.61	31.25 -0.50 3.23	29.81 -0.20 1.82	29.78 -0.06 1.67	29.68 -0.10 0.04	29.17 -0.06 0.00	29.39 -0.14 0.00	27.83 0.06 0.00	27.07 -0.15 -0.05	28.09 -0.11 0.00	27.32 -0.38 0.00	26.11 -0.14 -0.28	22.62 -0.37 -0.93	38.78 -0.60 -17.38
HQ_GEN_CEDARS 23644	32.91 0.16 1.27	32.87 0.12 1.27	27.60 0.05 0.67	26.86 -0.10 0.56	25.80 -0.13 0.10	22.23 -0.06 0.04	24.43 0.03 0.03	23.23 0.08 0.02	28.16 0.16 0.04	29.93 0.18 0.30	32.80 0.14 0.70	34.18 0.06 0.86	31.32 -0.02 0.49	31.01 -0.05 0.45	29.78 -0.03 0.01	29.21 -0.02 0.00	29.58 0.04 0.00	27.56 -0.20 0.00	27.01 -0.16 0.00	28.16 -0.05 0.00	27.65 -0.05 0.00	25.90 -0.07 0.00	21.89 -0.17 0.00	21.87 -0.12 0.00
HQ_GEN_CEDARS_PROXY 323590	32.91 0.16 1.27	32.87 0.12 1.27	27.60 0.05 0.67	26.86 -0.10 0.56	25.80 -0.13 0.10	22.23 -0.06 0.04	24.43 0.03 0.03	23.23 0.08 0.02	28.16 0.16 0.04	29.93 0.18 0.30	32.80 0.14 0.70	34.18 0.06 0.86	31.32 -0.03 0.49	31.01 -0.05 0.45	29.78 -0.03 0.01	29.21 -0.02 0.00	29.58 0.04 0.00	31.99 -0.20 -4.43	27.01 -0.16 0.00	28.16 -0.05 0.00	27.65 -0.05 0.00	25.90 -0.07 0.00	21.90 -0.16 0.00	21.87 -0.12 0.00
HQ_GEN_IMPORT 323601	33.32 -0.02 0.67	33.31 -0.03 0.67	27.82 -0.04 0.36	27.11 -0.11 0.30	25.88 -0.11 0.05	22.22 -0.08 0.02	22.93 -0.06 1.43	23.13 -0.03 0.01	28.01 -0.01 0.02	29.90 -0.01 0.14	33.00 -0.03 0.34	34.50 -0.07 0.42	31.51 -0.10 0.24	31.06 -0.09 0.35	29.73 -0.08 0.00	29.15 -0.08 0.00	29.46 -0.07 0.00	27.54 -0.22 0.00	26.96 -0.20 0.00	28.10 -0.11 0.00	27.59 -0.11 0.00	25.85 -0.12 0.00	21.92 -0.14 0.00	21.86 -0.14 0.00
HQ_GEN_WHEEL 23651	33.32 -0.02 0.67	33.31 -0.03 0.67	27.82 -0.04 0.36	27.11 -0.11 0.30	25.88 -0.11 0.05	22.22 -0.08 0.02	22.93 -0.06 1.43	23.13 -0.03 0.01	28.01 -0.01 0.02	29.90 -0.01 0.14	33.00 -0.03 0.34	34.50 -0.07 0.42	31.51 -0.10 0.24	31.06 -0.09 0.35	29.73 -0.08 0.00	29.15 -0.08 0.00	29.46 -0.07 0.00	27.54 -0.22 0.00	26.96 -0.20 0.00	28.10 -0.11 0.00	27.59 -0.11 0.00	25.85 -0.12 0.00	21.92 -0.14 0.00	21.86 -0.14 0.00
HUDSON_AVE_GT_3 23810	33.44 1.98 2.56	33.53 2.07 2.56	30.44 1.76 -0.45	28.17 1.79 1.14	27.51 1.68 0.21	37.48 1.46 -13.70	33.05 1.51 -7.12	32.44 1.50 -7.77	31.26 1.82 -1.41	33.55 1.80 -1.70	33.43 2.06 1.99	34.81 2.29 2.46	33.45 2.26 0.65	32.46 2.23 1.27	32.37 2.13 -0.42	31.21 1.98 0.00	31.48 1.95 0.00	29.78 2.02 0.00	29.45 1.99 -0.30	30.07 1.86 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.76 1.70 0.00	23.68 1.68 0.00
HUDSON_AVE_GT_4 23540	33.44 1.98 2.56	33.53 2.07 2.56	30.44 1.76 -0.45	28.17 1.79 1.14	27.51 1.68 0.21	37.48 1.46 -13.70	33.05 1.51 -7.12	32.44 1.50 -7.77	31.26 1.82 -1.41	33.55 1.80 -1.70	33.43 2.06 1.99	34.81 2.29 2.46	33.45 2.26 0.65	32.46 2.23 1.27	32.37 2.13 -0.42	31.21 1.98 0.00	31.48 1.95 0.00	29.78 2.02 0.00	29.45 1.99 -0.30	30.07 1.86 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.76 1.70 0.00	23.68 1.68 0.00
HUDSON_AVE_GT_5 23657	33.44 1.98 2.56	33.53 2.07 2.56	30.44 1.76 -0.45	28.17 1.79 1.14	27.51 1.68 0.21	37.48 1.46 -13.70	33.05 1.51 -7.12	32.44 1.50 -7.77	31.26 1.82 -1.41	33.55 1.80 -1.70	33.43 2.06 1.99	34.81 2.29 2.46	33.45 2.26 0.65	32.46 2.23 1.27	32.37 2.13 -0.42	31.21 1.98 0.00	31.48 1.95 0.00	29.78 2.02 0.00	29.45 1.99 -0.30	30.07 1.86 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.76 1.70 0.00	23.68 1.68 0.00

HUDSON_AVE_10 24168	33.34 1.89 2.56	33.43 1.97 2.56	30.33 1.66 -0.45	28.08 1.70 1.14	27.43 1.60 0.21	37.40 1.38 -13.70	32.96 1.43 -7.12	32.36 1.42 -7.77	31.17 1.72 -1.41	33.44 1.70 -1.70	33.30 1.93 1.99	34.68 2.15 2.46	33.32 2.13 0.65	32.34 2.10 1.27	32.26 2.03 -0.42	31.09 1.86 0.00	31.37 1.84 0.00	29.68 1.91 0.00	29.34 1.88 -0.30	29.98 1.77 0.00	29.56 1.86 0.00	27.81 1.84 0.00	23.70 1.64 0.00	23.61 1.61 0.00
HUDSON___115KV_TB 4 355613	32.72 1.42 2.72	32.74 1.44 2.71	28.45 1.26 1.03	27.74 1.43 1.21	27.18 1.36 0.22	27.13 1.16 -3.65	27.44 1.14 -1.88	26.19 0.96 -2.06	29.50 1.19 -0.27	31.02 1.24 0.27	32.74 1.49 2.11	34.01 1.64 2.61	32.03 1.49 1.29	31.54 1.38 1.35	31.15 1.25 -0.09	30.53 1.30 0.00	30.93 1.40 0.00	29.32 1.55 0.00	29.31 1.57 -0.58	29.66 1.45 0.00	29.10 1.40 0.00	27.22 1.25 0.00	23.15 1.09 0.00	23.03 1.03 0.00
HUNTER MOUNT___DRP 323613	32.96 1.63 2.69	32.98 1.65 2.68	28.58 1.43 1.07	27.94 1.62 1.20	27.35 1.53 0.22	26.67 1.31 -3.03	27.26 1.28 -1.56	25.96 1.08 -1.71	29.61 1.36 -0.21	31.16 1.46 0.34	33.00 1.73 2.09	34.28 1.88 2.59	32.18 1.64 1.30	31.69 1.52 1.33	31.27 1.39 -0.07	30.69 1.46 0.00	31.10 1.57 0.00	29.53 1.76 0.00	29.51 1.82 -0.52	29.90 1.69 0.00	29.31 1.61 0.00	27.40 1.43 0.00	23.28 1.22 0.00	23.15 1.15 0.00
HUNTINGTON_RES_REC 323705	33.79 2.34 2.56	34.23 2.77 2.56	35.90 2.38 -5.29	34.35 2.38 -4.44	33.06 2.26 -4.77	47.43 1.96 -23.15	40.40 2.06 -13.92	33.31 2.05 -8.09	31.86 2.42 -1.40	48.71 2.48 -16.17	46.79 2.76 -10.67	36.40 2.95 1.53	37.30 2.80 -2.66	35.39 2.93 -0.95	36.36 2.84 -3.71	32.33 2.51 -0.60	31.76 2.23 0.00	29.68 1.91 0.00	29.27 1.80 -0.30	29.70 1.50 0.00	29.68 1.98 0.00	27.86 1.89 0.00	23.80 1.74 0.00	23.69 1.70 0.00
HUNTLEY___63 23557	29.53 -0.68 3.80	29.40 -0.82 3.80	25.59 -0.62 2.02	24.99 -0.84 1.69	25.00 -0.73 0.31	21.44 -0.78 0.11	23.58 -0.76 0.09	22.30 -0.78 0.09	26.93 -0.93 0.18	27.83 -0.94 1.28	29.05 -1.36 2.95	29.75 -1.58 3.66	28.38 -1.39 2.06	28.61 -1.01 1.88	28.72 -1.05 0.04	28.25 -0.98 0.00	28.32 -1.22 0.00	26.67 -1.09 0.00	25.91 -1.30 -0.04	26.78 -1.43 0.00	26.21 -1.49 0.00	24.56 -1.33 0.08	20.87 -0.94 0.25	16.64 -0.65 4.71
HUNTLEY___64 23558	29.53 -0.68 3.80	29.40 -0.82 3.80	25.59 -0.62 2.02	24.99 -0.84 1.69	25.00 -0.73 0.31	21.44 -0.78 0.11	23.58 -0.76 0.09	22.30 -0.78 0.09	26.93 -0.93 0.18	27.83 -0.94 1.28	29.05 -1.36 2.95	29.75 -1.58 3.66	28.38 -1.39 2.06	28.61 -1.01 1.88	28.72 -1.05 0.04	28.25 -0.98 0.00	28.32 -1.22 0.00	26.67 -1.09 0.00	25.91 -1.30 -0.04	26.78 -1.43 0.00	26.21 -1.49 0.00	24.56 -1.33 0.08	20.87 -0.94 0.25	16.64 -0.65 4.71
HUNTLEY___65 23559	29.53 -0.68 3.80	29.40 -0.82 3.80	25.59 -0.62 2.02	24.99 -0.84 1.69	25.00 -0.73 0.31	21.44 -0.78 0.11	23.58 -0.76 0.09	22.30 -0.78 0.09	26.93 -0.93 0.18	27.83 -0.94 1.28	29.05 -1.36 2.95	29.75 -1.58 3.66	28.38 -1.39 2.06	28.61 -1.01 1.88	28.72 -1.05 0.04	28.25 -0.98 0.00	28.32 -1.22 0.00	26.67 -1.09 0.00	25.91 -1.30 -0.04	26.78 -1.43 0.00	26.21 -1.49 0.00	24.56 -1.33 0.08	20.87 -0.94 0.25	16.64 -0.65 4.71
HUNTLEY___66 23560	29.53 -0.68 3.80	29.40 -0.82 3.80	25.59 -0.62 2.02	24.99 -0.84 1.69	25.00 -0.73 0.31	21.44 -0.78 0.11	23.58 -0.76 0.09	22.30 -0.78 0.09	26.93 -0.93 0.18	27.83 -0.94 1.28	29.05 -1.36 2.95	29.75 -1.58 3.66	28.38 -1.39 2.06	28.61 -1.01 1.88	28.72 -1.05 0.04	28.25 -0.98 0.00	28.32 -1.22 0.00	26.67 -1.09 0.00	25.91 -1.30 -0.04	26.78 -1.43 0.00	26.21 -1.49 0.00	24.56 -1.33 0.08	20.87 -0.94 0.25	16.64 -0.65 4.71
HUNTLEY___67 23561	29.33 -0.90 3.79	29.21 -1.01 3.78	25.42 -0.79 2.01	24.82 -1.01 1.69	24.84 -0.89 0.31	21.31 -0.91 0.11	23.42 -0.92 0.09	22.17 -0.90 0.09	26.78 -1.09 0.18	27.66 -1.12 1.27	28.85 -1.57 2.94	29.58 -1.77 3.64	28.20 -1.58 2.06	28.41 -1.22 1.88	28.54 -1.23 0.04	28.05 -1.18 0.00	28.11 -1.42 0.00	26.48 -1.29 0.00	25.72 -1.49 -0.04	26.60 -1.61 0.00	26.02 -1.68 0.00	24.38 -1.50 0.09	20.65 -1.11 0.29	15.61 -0.90 5.49
HUNTLEY___68 23562	29.33 -0.90 3.79	29.21 -1.01 3.78	25.42 -0.79 2.01	24.82 -1.01 1.69	24.84 -0.89 0.31	21.31 -0.91 0.11	23.42 -0.92 0.09	22.17 -0.90 0.09	26.78 -1.09 0.18	27.66 -1.12 1.27	28.85 -1.57 2.94	29.58 -1.77 3.64	28.20 -1.58 2.06	28.41 -1.22 1.88	28.54 -1.23 0.04	28.05 -1.18 0.00	28.11 -1.42 0.00	26.48 -1.29 0.00	25.72 -1.49 -0.04	26.60 -1.61 0.00	26.02 -1.68 0.00	24.38 -1.50 0.09	20.65 -1.11 0.29	15.61 -0.90 5.49
HYLAND___LFGE 323620	31.82 1.42 3.61	31.48 1.08 3.61	27.25 0.95 1.92	26.66 0.75 1.61	26.48 0.74 0.30	22.74 0.52 0.10	24.93 0.59 0.08	23.59 0.51 0.09	28.43 0.56 0.17	29.01 0.17 1.21	30.44 -0.11 2.81	31.25 -0.25 3.48	29.81 -0.06 1.96	29.72 0.01 1.79	29.71 -0.06 0.04	29.22 -0.01 0.00	29.46 -0.06 0.00	27.88 0.11 0.00	27.64 0.43 -0.04	28.87 0.66 0.00	28.55 0.85 0.00	27.22 0.94 -0.31	23.77 0.67 -1.03	41.90 0.56 -19.34
INDECK___CORINTH 23802	32.47 1.30 2.85	32.53 1.36 2.84	28.31 1.14 1.06	27.45 1.20 1.27	26.93 1.12 0.23	27.44 0.96 -4.16	27.51 0.94 -2.14	26.40 0.88 -2.35	29.51 1.15 -0.31	31.08 1.27 0.24	32.67 1.51 2.21	33.87 1.62 2.74	32.03 1.53 1.34	31.56 1.47 1.41	31.46 1.53 -0.11	30.80 1.57 0.00	31.19 1.66 0.00	29.55 1.79 0.00	29.91 1.77 -0.97	29.89 1.68 0.00	29.27 1.57 0.00	27.38 1.41 0.00	23.26 1.20 0.00	23.08 1.08 0.00
INDECK___ILION 23567	29.28 -0.03 4.70	29.30 -0.02 4.69	25.70 -0.03 2.49	25.52 0.09 2.09	25.79 0.13 0.39	22.33 0.14 0.13	24.38 0.06 0.11	23.10 0.05 0.12	27.82 0.00 0.23	28.42 -0.03 1.61	29.66 0.03 3.72	30.50 0.13 4.62	29.40 0.17 2.60	29.21 0.08 2.38	29.85 0.09 0.05	29.37 0.14 0.00	29.69 0.16 0.00	28.09 0.32 0.00	27.51 0.35 0.00	28.49 0.28 0.00	27.95 0.25 0.00	26.19 0.22 0.00	22.29 0.23 0.00	22.20 0.20 0.00
INDECK___OLEAN 23982	30.09 -0.34 3.59	29.96 -0.47 3.59	25.88 -0.44 1.91	25.22 -0.71 1.60	25.14 -0.60 0.30	21.67 -0.55 0.10	23.85 -0.50 0.08	22.70 -0.38 0.09	27.51 -0.37 0.17	28.46 -0.39 1.21	29.84 -0.72 2.80	30.60 -0.93 3.46	29.14 -0.74 1.95	29.29 -0.43 1.78	29.43 -0.35 0.04	28.92 -0.31 0.00	29.07 -0.46 0.00	27.41 -0.36 0.00	26.58 -0.63 -0.05	27.45 -0.76 0.00	26.88 -0.83 0.00	25.28 -0.68 0.02	21.53 -0.48 0.05	20.88 -0.11 1.01
INDECK___OSWEGO 23783	33.85 -0.77 -0.61	33.75 -0.87 -0.61	27.76 -0.79 -0.32	26.99 -0.80 -0.27	25.31 -0.78 -0.05	21.69 -0.65 -0.02	23.78 -0.66 -0.01	22.56 -0.62 -0.01	27.29 -0.78 -0.02	29.38 -0.80 -0.13	32.78 -0.88 -0.31	34.45 -0.93 -0.39	31.20 -0.86 -0.22	30.86 -0.84 -0.20	28.99 -0.83 0.00	28.42 -0.80 0.00	28.72 -0.82 0.00	27.09 -0.68 0.00	26.50 -0.66 0.00	27.51 -0.70 0.00	27.00 -0.70 0.00	25.31 -0.66 0.00	21.52 -0.55 0.00	21.43 -0.57 0.00



INDECK___YERKES 23781	29.59 -0.63 3.80	29.45 -0.77 3.80	25.62 -0.58 2.02	25.02 -0.81 1.69	25.03 -0.70 0.31	21.46 -0.75 0.11	23.61 -0.73 0.09	22.33 -0.75 0.09	26.95 -0.91 0.18	27.87 -0.91 1.28	29.08 -1.33 2.95	29.82 -1.52 3.66	28.43 -1.35 2.06	28.65 -0.97 1.88	28.76 -1.01 0.04	28.28 -0.95 0.00	28.34 -1.19 0.00	26.70 -1.07 0.00	25.94 -1.27 -0.04	26.81 -1.40 0.00	26.23 -1.47 0.00	24.58 -1.31 0.08	20.89 -0.92 0.25	16.66 -0.62 4.71
INDIAN POINT_GT_1 24139	33.07 1.60 2.55	33.17 1.70 2.55	30.38 1.41 -0.75	27.84 1.46 1.14	27.21 1.37 0.21	38.08 1.20 -14.56	33.26 1.27 -7.56	32.67 1.24 -8.26	36.18 1.49 -6.64	48.06 1.49 -16.52	33.11 1.73 1.98	34.47 1.94 2.45	38.40 1.90 -4.67	32.09 1.85 1.26	32.05 1.78 -0.45	30.89 1.66 0.00	31.18 1.66 0.00	29.48 1.71 0.00	29.13 1.67 -0.29	29.75 1.54 0.00	29.33 1.62 0.00	27.56 1.59 0.00	23.47 1.41 0.00	23.40 1.40 0.00
INDIAN POINT_GT_2 23659	33.07 1.60 2.55	33.17 1.70 2.55	30.38 1.41 -0.75	27.84 1.46 1.14	27.21 1.37 0.21	38.08 1.20 -14.56	33.26 1.27 -7.56	32.67 1.24 -8.26	36.18 1.49 -6.64	48.06 1.49 -16.52	33.11 1.73 1.98	34.47 1.94 2.45	38.40 1.90 -4.67	32.09 1.85 1.26	32.05 1.78 -0.45	30.89 1.66 0.00	31.18 1.66 0.00	29.48 1.71 0.00	29.13 1.67 -0.29	29.75 1.54 0.00	29.33 1.62 0.00	27.56 1.59 0.00	23.47 1.41 0.00	23.40 1.40 0.00
INDIAN POINT_GT_3 24019	33.07 1.60 2.55	33.17 1.70 2.55	30.38 1.41 -0.75	27.84 1.46 1.14	27.21 1.37 0.21	38.08 1.20 -14.56	33.26 1.27 -7.56	32.67 1.24 -8.26	36.18 1.49 -6.64	48.06 1.49 -16.52	33.11 1.73 1.98	34.47 1.94 2.45	38.40 1.90 -4.67	32.09 1.85 1.26	32.05 1.78 -0.45	30.89 1.66 0.00	31.18 1.66 0.00	29.48 1.71 0.00	29.13 1.67 -0.29	29.75 1.54 0.00	29.33 1.62 0.00	27.56 1.59 0.00	23.47 1.41 0.00	23.40 1.40 0.00
INDIAN POINT___2 23530	33.02 1.54 2.54	33.11 1.63 2.54	31.01 1.35 -1.43	27.78 1.40 1.13	27.15 1.32 0.21	40.73 1.16 -17.25	34.61 1.22 -8.97	34.16 1.20 -9.79	28.68 1.43 0.80	26.45 1.43 5.03	33.06 1.68 1.98	34.41 1.87 2.45	30.57 1.83 3.10	32.05 1.80 1.26	32.08 1.73 -0.54	30.84 1.62 0.00	31.14 1.61 0.00	29.43 1.66 0.00	29.09 1.63 -0.29	29.71 1.50 0.00	29.28 1.58 0.00	27.52 1.55 0.00	23.43 1.37 0.00	23.36 1.36 0.00
INDIAN POINT___3 23531	33.00 1.54 2.55	33.10 1.63 2.55	30.38 1.36 -0.80	27.79 1.41 1.14	27.17 1.33 0.21	38.23 1.16 -14.75	33.32 1.23 -7.66	32.74 1.21 -8.36	29.91 1.43 -0.43	30.26 1.44 1.22	33.06 1.68 1.98	34.40 1.87 2.45	31.96 1.83 1.71	32.03 1.79 1.26	31.99 1.72 -0.46	30.83 1.60 0.00	31.13 1.60 0.00	29.42 1.66 0.00	29.08 1.62 -0.29	29.70 1.49 0.00	29.27 1.57 0.00	27.51 1.54 0.00	23.42 1.36 0.00	23.35 1.36 0.00
INGHAM_C_115KV_TB7 356103	29.19 -0.12 4.70	29.31 -0.01 4.69	25.72 -0.01 2.49	25.66 0.24 2.09	25.99 0.33 0.39	22.49 0.30 0.13	24.44 0.12 0.11	23.16 0.11 0.12	27.85 0.03 0.23	28.42 -0.02 1.61	29.71 0.07 3.72	30.57 0.20 4.62	29.54 0.31 2.60	29.22 0.09 2.38	29.78 0.02 0.05	29.37 0.14 0.00	29.73 0.20 0.00	28.26 0.50 0.00	27.75 0.58 0.00	28.61 0.40 0.00	28.04 0.34 0.00	26.27 0.30 0.00	22.42 0.36 0.00	22.32 0.32 0.00
IP CORINTH___1 23988	32.66 1.49 2.85	32.71 1.53 2.84	28.45 1.28 1.06	27.59 1.34 1.27	27.07 1.26 0.23	27.56 1.08 -4.16	27.64 1.07 -2.14	26.52 1.00 -2.35	29.66 1.30 -0.31	31.25 1.44 0.24	32.85 1.70 2.21	34.05 1.81 2.74	32.21 1.71 1.34	31.74 1.65 1.41	31.63 1.70 -0.11	30.97 1.74 0.00	31.35 1.82 0.00	29.71 1.95 0.00	30.06 1.93 -0.97	30.04 1.83 0.00	29.42 1.72 0.00	27.52 1.55 0.00	23.38 1.32 0.00	23.20 1.20 0.00
IP___TICONDEROGA 23804	34.44 3.27 2.85	34.62 3.44 2.84	29.96 2.79 1.05	28.90 2.64 1.27	28.30 2.49 0.23	28.65 2.16 -4.17	28.73 2.16 -2.15	27.62 2.10 -2.36	31.22 2.87 -0.31	33.12 3.31 0.23	34.80 3.65 2.21	35.93 3.67 2.73	33.86 3.36 1.34	33.42 3.33 1.41	33.30 3.37 -0.11	32.79 3.56 0.00	33.26 3.73 0.00	31.53 3.76 0.00	31.84 3.71 -0.97	31.97 3.76 0.00	31.09 3.39 0.00	29.15 3.18 0.00	24.84 2.77 0.00	24.54 2.55 0.00
ISLIP_RES_REC 323679	34.28 2.82 2.56	34.74 3.28 2.56	36.25 2.74 -5.29	34.66 2.70 -4.44	33.36 2.55 -4.77	47.69 2.21 -23.15	40.68 2.34 -13.92	33.59 2.32 -8.09	32.21 2.77 -1.40	49.09 2.86 -16.17	47.24 3.21 -10.67	36.88 3.42 1.53	37.79 3.29 -2.66	35.82 3.36 -0.95	36.87 3.35 -3.71	32.76 2.94 -0.60	32.21 2.68 0.00	30.04 2.28 0.00	29.61 2.14 -0.30	30.06 1.85 0.00	30.06 2.36 0.00	28.22 2.25 0.00	24.11 2.05 0.00	24.01 2.02 0.00
JAMAICA__27_KV_LOAD 355505	33.62 2.16 2.56	33.69 2.23 2.56	30.52 1.85 -0.45	28.25 1.87 1.14	27.59 1.76 0.21	37.54 1.52 -13.70	33.12 1.58 -7.12	32.51 1.57 -7.77	31.36 1.90 -1.41	33.63 1.88 -1.70	33.47 2.09 1.99	34.88 2.35 2.46	33.48 2.29 0.65	32.50 2.26 1.27	32.44 2.20 -0.42	31.25 2.02 0.00	31.54 2.01 0.00	29.84 2.08 0.00	29.50 2.03 -0.30	30.17 1.95 0.00	29.75 2.05 0.00	28.01 2.03 0.00	23.89 1.83 0.00	23.77 1.78 0.00
JANIS___SOLAR 323808	32.81 1.58 2.78	32.70 1.46 2.78	27.76 1.02 1.48	27.27 0.99 1.24	26.79 0.98 0.23	23.09 0.84 0.08	25.29 0.93 0.06	24.04 0.94 0.07	28.97 1.06 0.13	30.21 1.11 0.95	32.26 1.09 2.19	33.68 1.41 2.72	31.57 1.27 1.53	31.38 1.27 1.40	30.88 1.10 0.03	30.30 1.07 0.00	30.71 1.18 0.00	29.08 1.32 0.00	28.57 1.33 -0.07	29.82 1.61 0.00	29.35 1.64 0.00	27.53 1.54 -0.02	23.29 1.16 -0.07	24.36 1.09 -1.27
JARVIS____ 23743	29.17 -0.14 4.70	29.14 -0.18 4.69	25.55 -0.18 2.49	25.31 -0.12 2.09	25.56 -0.09 0.39	22.13 -0.06 0.13	24.23 -0.09 0.11	22.95 -0.10 0.12	27.66 -0.15 0.23	28.27 -0.17 1.61	29.47 -0.17 3.72	30.26 -0.12 4.62	29.16 -0.07 2.60	29.05 -0.07 2.38	29.78 0.01 0.05	29.23 0.01 0.00	29.55 0.02 0.00	27.83 0.06 0.00	27.24 0.06 0.00	28.26 0.05 0.00	27.74 0.04 0.00	26.00 0.03 0.00	22.11 0.04 0.00	22.02 0.02 0.00
JENNISON___1 23625	32.80 1.71 2.93	32.72 1.64 2.93	27.86 1.19 1.56	27.43 1.21 1.31	26.98 1.18 0.24	23.25 1.02 0.08	25.43 1.08 0.07	24.17 1.08 0.07	29.24 1.33 0.14	30.48 1.43 0.99	32.64 1.58 2.30	33.93 1.80 2.85	31.95 1.73 1.61	31.78 1.75 1.47	31.43 1.65 0.03	30.84 1.61 0.00	31.17 1.64 0.00	29.54 1.77 0.00	28.93 1.67 -0.10	30.01 1.80 0.00	29.47 1.77 0.00	27.62 1.65 0.00	23.36 1.30 0.00	23.24 1.25 0.00
JENNISON___2 23626	32.80 1.71 2.93	32.72 1.64 2.93	27.86 1.19 1.56	27.43 1.21 1.31	26.98 1.18 0.24	23.25 1.02 0.08	25.43 1.08 0.07	24.17 1.08 0.07	29.24 1.33 0.14	30.48 1.43 0.99	32.64 1.58 2.30	33.93 1.80 2.85	31.95 1.73 1.61	31.78 1.75 1.47	31.43 1.65 0.03	30.84 1.61 0.00	31.17 1.64 0.00	29.54 1.77 0.00	28.93 1.67 -0.10	30.01 1.80 0.00	29.47 1.77 0.00	27.62 1.65 0.00	23.36 1.30 0.00	23.24 1.25 0.00

JERICO_RISE_WT_PWR 323719	33.72 0.92 1.22	33.77 0.98 1.22	28.36 0.79 0.65	27.21 0.23 0.54	25.79 -0.15 0.10	22.06 -0.23 0.04	24.42 0.03 0.03	23.59 0.44 0.02	28.91 0.90 0.04	30.79 1.02 0.28	33.82 1.10 0.65	35.14 0.96 0.81	32.16 0.78 0.45	31.91 0.82 0.41	30.67 0.86 0.01	30.14 0.92 0.00	30.46 0.93 0.00	28.37 0.61 0.00	27.90 0.73 0.00	29.02 0.81 0.00	28.39 0.69 0.00	26.46 0.49 0.00	22.21 0.15 0.00	22.15 0.15 0.00
KATONAH__115KV_46KV_TB4 355592	33.37 1.92 2.57	33.45 2.00 2.57	29.70 1.68 0.20	28.10 1.72 1.14	27.45 1.62 0.21	34.60 1.41 -10.86	31.55 1.49 -5.64	30.78 1.45 -6.16	30.81 1.74 -1.02	32.85 1.82 -0.98	33.46 2.10 2.00	34.86 2.34 2.47	33.20 2.24 0.88	32.41 2.18 1.27	32.24 2.09 -0.33	31.20 1.98 0.00	31.47 1.95 0.00	29.76 1.99 0.00	29.42 1.95 -0.30	30.03 1.82 0.00	29.59 1.89 0.00	27.79 1.82 0.00	23.67 1.61 0.00	23.59 1.59 0.00
KCE_NY_1 323755	32.92 1.74 2.84	32.98 1.80 2.84	28.70 1.53 1.05	27.88 1.63 1.27	27.36 1.55 0.23	27.83 1.32 -4.19	27.92 1.34 -2.16	26.77 1.23 -2.37	29.85 1.49 -0.31	31.45 1.63 0.23	33.05 1.90 2.21	34.29 2.03 2.73	32.38 1.88 1.34	31.89 1.79 1.41	31.73 1.81 -0.11	31.04 1.82 0.00	31.40 1.87 0.00	29.73 1.97 0.00	30.06 1.94 -0.96	30.06 1.85 0.00	29.49 1.79 0.00	27.61 1.64 0.00	23.47 1.41 0.00	23.35 1.35 0.00
KCE_NY_6_ESR 323823	29.86 -0.42 3.74	29.73 -0.55 3.73	25.79 -0.45 1.98	25.18 -0.68 1.66	25.15 -0.58 0.31	21.59 -0.63 0.11	23.72 -0.62 0.08	22.49 -0.59 0.09	27.16 -0.70 0.18	28.07 -0.72 1.26	29.35 -1.11 2.90	30.14 -1.25 3.60	28.74 -1.07 2.03	28.95 -0.70 1.85	29.06 -0.72 0.04	28.56 -0.67 0.00	28.66 -0.87 0.00	26.99 -0.78 0.00	26.19 -1.02 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.80 -1.08 0.09	20.96 -0.79 0.30	15.69 -0.60 5.71
KEDC_PORT_JEFF_GT2 24210	33.92 2.47 2.56	34.39 2.93 2.56	35.98 2.47 -5.29	34.42 2.46 -4.44	33.12 2.31 -4.77	47.49 2.01 -23.15	40.45 2.12 -13.92	33.38 2.11 -8.09	31.94 2.49 -1.40	48.78 2.56 -16.17	46.90 2.87 -10.67	36.54 3.08 1.53	37.47 2.97 -2.66	35.51 3.05 -0.95	36.52 3.00 -3.71	32.36 2.54 -0.60	31.80 2.27 0.00	29.59 1.83 0.00	29.15 1.68 -0.30	29.57 1.36 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.87 1.81 0.00	23.80 1.81 0.00
KEDC_PORT_JEFF_GT3 24211	33.92 2.47 2.56	34.39 2.93 2.56	35.98 2.47 -5.29	34.42 2.46 -4.44	33.12 2.31 -4.77	47.49 2.01 -23.15	40.45 2.12 -13.92	33.38 2.11 -8.09	31.94 2.49 -1.40	48.78 2.56 -16.17	46.90 2.87 -10.67	36.54 3.08 1.53	37.47 2.97 -2.66	35.51 3.05 -0.95	36.52 3.00 -3.71	32.36 2.54 -0.60	31.80 2.27 0.00	29.59 1.83 0.00	29.15 1.68 -0.30	29.57 1.36 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.87 1.81 0.00	23.80 1.81 0.00
KEDC_GLWD_GT4 24219	33.67 2.22 2.56	33.89 2.43 2.56	35.56 2.05 -5.29	34.04 2.07 -4.44	32.77 1.96 -4.77	47.17 1.69 -23.15	40.13 1.79 -13.92	33.00 1.74 -8.09	31.51 2.07 -1.40	48.37 2.15 -16.17	46.47 2.44 -10.67	36.11 2.66 1.53	37.07 2.57 -2.66	34.82 2.36 -0.95	35.78 2.25 -3.71	31.89 2.07 -0.60	31.51 1.98 0.00	29.69 1.92 0.00	29.31 1.85 -0.30	29.88 1.67 0.00	29.62 1.91 0.00	27.98 2.01 0.00	23.84 1.77 0.00	23.74 1.75 0.00
KEDC_GLWD_GT5 24220	33.67 2.22 2.56	33.89 2.43 2.56	35.56 2.05 -5.29	34.04 2.07 -4.44	32.77 1.96 -4.77	47.17 1.69 -23.15	40.13 1.79 -13.92	33.00 1.74 -8.09	31.51 2.07 -1.40	48.37 2.15 -16.17	46.47 2.44 -10.67	36.11 2.66 1.53	37.07 2.57 -2.66	34.82 2.36 -0.95	35.78 2.25 -3.71	31.89 2.07 -0.60	31.51 1.98 0.00	29.69 1.92 0.00	29.31 1.85 -0.30	29.88 1.67 0.00	29.62 1.91 0.00	27.98 2.01 0.00	23.84 1.77 0.00	23.74 1.75 0.00
KENSICO____ 23655	33.19 1.73 2.56	33.29 1.83 2.55	30.32 1.53 -0.57	27.96 1.58 1.14	27.32 1.49 0.21	37.64 1.29 -14.03	33.07 1.36 -7.29	32.46 1.33 -7.96	31.13 1.59 -1.49	33.55 1.61 -1.89	33.23 1.86 1.99	34.59 2.07 2.46	33.26 2.01 0.58	32.21 1.97 1.27	32.14 1.89 -0.43	31.00 1.76 0.00	31.28 1.75 0.00	29.56 1.80 0.00	29.22 1.75 -0.30	29.83 1.62 0.00	29.41 1.71 0.00	27.65 1.68 0.00	23.55 1.49 0.00	23.48 1.48 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	33.76 2.25 2.51	33.75 2.24 2.50	28.70 1.81 1.33	28.21 1.81 1.12	27.53 1.70 0.21	22.46 1.46 1.32	25.26 1.54 0.71	23.93 1.52 0.76	29.66 1.81 0.19	31.10 1.93 0.89	33.71 2.30 1.95	35.09 2.52 2.41	32.90 2.43 1.36	32.66 2.40 1.24	32.07 2.32 0.07	31.39 2.16 0.00	31.75 2.22 0.00	30.03 2.26 0.00	29.69 2.23 -0.29	30.38 2.17 0.00	29.89 2.19 0.00	28.08 2.11 0.00	23.86 1.80 0.00	23.73 1.73 0.00
KIAC_JFK_GT1 23816	33.47 2.02 2.56	33.53 2.07 2.56	30.41 1.73 -0.45	28.15 1.76 1.14	27.49 1.66 0.21	37.45 1.43 -13.70	33.03 1.49 -7.12	32.42 1.48 -7.77	31.24 1.80 -1.41	33.51 1.76 -1.70	33.33 1.96 1.99	34.74 2.22 2.46	33.35 2.16 0.65	32.37 2.13 1.27	32.31 2.07 -0.42	31.13 1.90 0.00	31.41 1.88 0.00	29.73 1.96 0.00	29.37 1.91 -0.30	30.03 1.82 0.00	29.63 1.92 0.00	27.89 1.91 0.00	23.79 1.73 0.00	23.68 1.68 0.00
KIAC_JFK_GT2 23817	33.47 2.02 2.56	33.53 2.07 2.56	30.41 1.73 -0.45	28.15 1.76 1.14	27.49 1.66 0.21	37.45 1.43 -13.70	33.03 1.49 -7.12	32.42 1.48 -7.77	31.24 1.80 -1.41	33.51 1.76 -1.70	33.33 1.96 1.99	34.74 2.22 2.46	33.35 2.16 0.65	32.37 2.13 1.27	32.31 2.07 -0.42	31.13 1.90 0.00	31.41 1.88 0.00	29.73 1.96 0.00	29.37 1.91 -0.30	30.03 1.82 0.00	29.63 1.92 0.00	27.89 1.91 0.00	23.79 1.73 0.00	23.68 1.68 0.00
KIAC_JFK____ 323774	33.47 2.02 2.56	33.53 2.07 2.56	30.41 1.73 -0.45	28.14 1.76 1.14	27.49 1.66 0.21	37.45 1.43 -13.70	33.03 1.49 -7.12	32.42 1.48 -7.77	31.24 1.80 -1.41	33.51 1.76 -1.70	33.33 1.96 1.99	34.74 2.22 2.46	33.35 2.16 0.65	32.36 2.13 1.27	32.31 2.07 -0.42	31.13 1.90 0.00	31.41 1.88 0.00	29.73 1.96 0.00	29.37 1.91 -0.30	30.03 1.82 0.00	29.63 1.93 0.00	27.89 1.91 0.00	23.79 1.73 0.00	23.68 1.68 0.00
KINTIGH____ 23543	29.11 -0.96 3.96	29.02 -1.05 3.95	25.29 -0.83 2.10	24.75 -1.01 1.76	24.80 -0.92 0.33	21.29 -0.92 0.11	23.40 -0.93 0.09	22.16 -0.92 0.10	26.76 -1.10 0.18	27.62 -1.11 1.32	28.81 -1.48 3.06	29.51 -1.68 3.79	28.18 -1.51 2.14	28.33 -1.22 1.96	28.51 -1.26 0.04	28.03 -1.20 0.00	28.14 -1.39 0.00	26.51 -1.26 0.00	25.81 -1.39 -0.03	26.69 -1.52 0.00	26.13 -1.57 0.00	24.51 -1.42 0.05	20.85 -1.06 0.15	18.29 -0.89 2.82
KNTFSRNC_46_KV_46KV_LOAD 80397	34.25 1.43 1.20	34.32 1.51 1.20	28.82 1.23 0.64	27.62 0.64 0.53	26.17 0.22 0.10	22.35 0.06 0.03	24.72 0.32 0.03	23.88 0.73 0.02	29.32 1.32 0.04	31.26 1.48 0.27	34.35 1.62 0.63	35.63 1.43 0.78	32.59 1.20 0.44	32.37 1.27 0.40	31.14 1.33 0.01	30.68 1.46 0.00	30.98 1.45 0.00	28.87 1.11 0.00	28.43 1.27 0.00	29.53 1.32 0.00	28.88 1.18 0.00	26.92 0.95 0.00	22.60 0.54 0.00	22.52 0.52 0.00

LACHUTE____HYDRO 323717	34.44 3.26 2.85	34.62 3.44 2.84	29.96 2.79 1.05	28.90 2.64 1.27	28.30 2.49 0.23	28.65 2.15 -4.17	28.73 2.16 -2.15	27.62 2.09 -2.36	31.22 2.87 -0.31	33.12 3.31 0.23	34.80 3.65 2.21	35.93 3.67 2.73	33.86 3.36 1.34	33.42 3.33 1.41	33.30 3.37 -0.11	32.79 3.56 0.00	33.26 3.73 0.00	31.53 3.76 0.00	31.84 3.71 -0.97	31.97 3.76 0.00	31.09 3.39 0.00	29.15 3.18 0.00	24.83 2.77 0.00	24.54 2.54 0.00
LAWRNCV_115KV_TB1 80681	32.37 -0.22 1.43	32.26 -0.33 1.42	27.09 -0.37 0.76	26.30 -0.58 0.63	25.28 -0.65 0.12	21.88 -0.40 0.04	24.10 -0.29 0.03	22.95 -0.19 0.03	27.85 -0.15 0.05	29.56 -0.12 0.37	32.30 -0.20 0.86	33.62 -0.30 1.07	30.80 -0.44 0.60	30.45 -0.51 0.55	29.34 -0.47 0.01	28.81 -0.42 0.00	29.28 -0.25 0.00	27.20 -0.56 0.00	26.72 -0.45 0.00	27.86 -0.35 0.00	27.37 -0.34 0.00	25.60 -0.37 0.00	21.63 -0.43 0.00	21.64 -0.36 0.00
LEDERLE____ 23769	33.18 1.69 2.53	33.26 1.77 2.52	26.05 1.43 3.61	27.87 1.48 1.12	27.23 1.40 0.21	9.84 1.23 13.70	18.60 1.33 7.16	16.68 1.30 7.79	27.77 1.55 1.82	27.70 1.57 3.92	33.25 1.85 1.96	34.62 2.07 2.43	31.54 2.01 2.31	32.24 1.98 1.25	31.26 1.91 0.48	31.03 1.80 0.00	31.35 1.82 0.00	29.62 1.86 0.00	29.27 1.82 -0.28	29.89 1.69 0.00	29.46 1.76 0.00	27.68 1.71 0.00	23.55 1.49 0.00	23.47 1.47 0.00
LIGHTHSE_115KV_TB6 355974	32.48 -0.24 1.30	32.21 -0.51 1.30	26.89 -0.64 0.69	26.17 -0.77 0.58	25.08 -0.86 0.11	21.84 -0.44 0.04	24.06 -0.33 0.03	22.86 -0.28 0.04	27.63 -0.35 0.07	29.28 -0.30 0.46	31.93 -0.35 1.08	33.27 -0.38 1.34	30.60 -0.49 0.76	30.19 -0.62 0.69	29.17 -0.63 0.02	28.60 -0.63 0.00	28.91 -0.62 0.00	27.32 -0.44 0.00	26.81 -0.36 0.00	27.91 -0.29 0.00	27.46 -0.24 0.00	25.71 -0.26 0.00	21.84 -0.22 0.00	21.68 -0.31 0.00
LINDEN COGEN____ 23786	33.05 1.71 2.68	32.81 1.78 2.99	30.23 1.55 -0.45	27.98 1.60 1.14	27.32 1.49 0.21	37.32 1.29 -13.70	32.87 1.33 -7.12	32.29 1.35 -7.77	31.08 1.64 -1.41	33.31 1.57 -1.70	33.18 1.81 1.99	34.57 2.05 2.46	33.25 2.06 0.65	32.26 2.02 1.27	32.17 1.94 -0.42	31.02 1.79 0.00	31.28 1.75 0.00	29.59 1.83 0.00	29.28 1.81 -0.30	29.89 1.68 0.00	29.46 1.76 0.00	27.72 1.75 0.00	23.58 1.52 0.00	23.49 1.50 0.00
LINDHRST_69_KV_BK1 356055	34.25 2.79 2.56	34.63 3.17 2.56	36.20 2.69 -5.29	34.62 2.66 -4.44	33.33 2.52 -4.77	47.65 2.17 -23.15	40.65 2.31 -13.92	33.54 2.27 -8.09	32.11 2.67 -1.40	49.00 2.78 -16.17	47.11 3.09 -10.67	36.78 3.32 1.53	37.66 3.16 -2.66	35.68 3.23 -0.95	36.60 3.07 -3.71	32.59 2.77 -0.60	32.14 2.61 0.00	30.08 2.31 0.00	29.66 2.20 -0.30	30.18 1.97 0.00	30.08 2.38 0.00	28.27 2.30 0.00	24.12 2.07 0.00	24.01 2.01 0.00
LIPA_MISC_IPP 23656	33.84 2.38 2.56	34.34 2.88 2.56	35.92 2.40 -5.29	34.33 2.37 -4.44	33.04 2.24 -4.77	47.41 1.93 -23.15	40.38 2.04 -13.92	33.30 2.04 -8.09	31.85 2.40 -1.40	48.71 2.49 -16.17	46.83 2.80 -10.67	36.45 3.00 1.53	37.39 2.90 -2.66	35.38 2.92 -0.95	36.45 2.92 -3.71	32.40 2.57 -0.60	31.83 2.30 0.00	29.66 1.90 0.00	29.24 1.77 -0.30	29.71 1.50 0.00	29.74 2.04 0.00	27.91 1.94 0.00	23.88 1.82 0.00	23.79 1.79 0.00
LISF____SOLAR 323691	33.94 2.48 2.56	34.43 2.97 2.56	35.98 2.47 -5.29	34.40 2.44 -4.44	33.10 2.29 -4.77	47.47 1.99 -23.15	40.45 2.11 -13.92	33.36 2.09 -8.09	31.92 2.48 -1.40	48.80 2.58 -16.17	46.92 2.89 -10.67	36.54 3.08 1.53	37.49 2.99 -2.66	35.45 3.00 -0.95	36.54 3.01 -3.71	32.49 2.67 -0.60	31.91 2.38 0.00	29.75 1.98 0.00	29.32 1.85 -0.30	29.80 1.59 0.00	29.82 2.12 0.00	27.99 2.02 0.00	23.94 1.88 0.00	23.84 1.84 0.00
LITTLE FALLS____HYD 24013	29.19 -0.12 4.70	29.31 -0.01 4.69	25.72 -0.01 2.49	25.66 0.24 2.09	25.99 0.33 0.39	22.49 0.30 0.13	24.44 0.12 0.11	23.16 0.11 0.12	27.85 0.03 0.23	28.42 -0.02 1.61	29.71 0.07 3.72	30.57 0.20 4.62	29.54 0.31 2.60	29.22 0.09 2.38	29.78 0.02 0.05	29.37 0.14 0.00	29.73 0.20 0.00	28.26 0.50 0.00	27.75 0.58 0.00	28.61 0.40 0.00	28.04 0.34 0.00	26.27 0.30 0.00	22.42 0.36 0.00	22.32 0.32 0.00
LITTLRIV_115KV_TB1 356100	32.84 0.27 1.45	32.72 0.15 1.45	27.47 0.02 0.77	26.67 -0.21 0.65	25.64 -0.29 0.12	22.18 -0.10 0.04	24.44 0.05 0.03	23.27 0.13 0.03	28.23 0.25 0.05	29.99 0.33 0.38	32.76 0.28 0.89	34.11 0.23 1.10	31.24 0.02 0.62	30.87 -0.06 0.57	29.76 -0.04 0.01	29.26 0.03 0.00	29.72 0.19 0.00	27.64 -0.12 0.00	27.16 -0.01 0.00	28.32 0.11 0.00	27.81 0.11 0.00	26.02 0.05 0.00	21.96 -0.10 0.00	21.96 -0.04 0.00
LI_NEWBRDGE____DRP 323616	33.42 1.96 2.56	33.78 2.32 2.56	35.49 1.98 -5.29	33.97 2.01 -4.44	32.71 1.90 -4.77	47.12 1.65 -23.15	40.06 1.72 -13.92	32.96 1.69 -8.09	31.43 1.99 -1.40	48.27 2.04 -16.17	46.28 2.25 -10.67	35.90 2.44 1.53	36.86 2.36 -2.66	34.87 2.41 -0.95	35.82 2.29 -3.71	31.86 2.04 -0.60	31.41 1.88 0.00	29.50 1.73 0.00	29.13 1.66 -0.30	29.65 1.44 0.00	29.50 1.80 0.00	27.71 1.74 0.00	23.66 1.60 0.00	23.56 1.57 0.00
LOCKPORT_115KV_TB60_63_64 80432	29.13 -1.05 3.83	29.01 -1.17 3.83	25.32 -0.87 2.04	24.73 -1.08 1.71	24.77 -0.95 0.31	21.24 -0.97 0.11	23.37 -0.96 0.09	22.09 -0.99 0.10	26.67 -1.20 0.18	27.53 -1.23 1.28	28.67 -1.72 2.97	29.38 -1.92 3.68	28.08 -1.68 2.08	28.31 -1.29 1.90	28.45 -1.33 0.04	27.97 -1.26 0.00	28.04 -1.49 0.00	26.42 -1.35 0.00	25.70 -1.51 -0.04	26.58 -1.63 0.00	26.01 -1.69 0.00	24.39 -1.52 0.06	20.76 -1.09 0.22	17.13 -0.79 4.07
LOCKPORT____CC1 323769	29.17 -1.03 3.83	29.06 -1.13 3.82	25.33 -0.86 2.03	24.75 -1.07 1.71	24.78 -0.95 0.31	21.24 -0.98 0.11	23.38 -0.96 0.09	22.09 -0.98 0.10	26.67 -1.20 0.18	27.54 -1.23 1.28	28.68 -1.71 2.97	29.41 -1.90 3.68	28.08 -1.68 2.08	28.31 -1.30 1.89	28.44 -1.34 0.04	27.95 -1.28 0.00	28.02 -1.51 0.00	26.39 -1.38 0.00	25.66 -1.54 -0.04	26.54 -1.67 0.00	25.97 -1.73 0.00	24.34 -1.56 0.07	20.71 -1.12 0.23	16.77 -0.84 4.39
LOCKPORT____CC2 323770	29.17 -1.03 3.83	29.06 -1.13 3.82	25.33 -0.86 2.03	24.75 -1.07 1.71	24.78 -0.95 0.31	21.24 -0.98 0.11	23.38 -0.96 0.09	22.09 -0.98 0.10	26.67 -1.20 0.18	27.54 -1.23 1.28	28.68 -1.71 2.97	29.41 -1.90 3.68	28.08 -1.68 2.08	28.31 -1.30 1.89	28.44 -1.34 0.04	27.95 -1.28 0.00	28.02 -1.51 0.00	26.39 -1.38 0.00	25.66 -1.54 -0.04	26.54 -1.67 0.00	25.97 -1.73 0.00	24.34 -1.56 0.07	20.71 -1.12 0.23	16.77 -0.84 4.39
LOCKPORT____CC3 323771	29.17 -1.03 3.83	29.06 -1.13 3.82	25.33 -0.86 2.03	24.75 -1.07 1.71	24.78 -0.95 0.31	21.24 -0.98 0.11	23.38 -0.96 0.09	22.09 -0.98 0.10	26.67 -1.20 0.18	27.54 -1.23 1.28	28.68 -1.71 2.97	29.41 -1.90 3.68	28.08 -1.68 2.08	28.31 -1.30 1.89	28.44 -1.34 0.04	27.95 -1.28 0.00	28.02 -1.51 0.00	26.39 -1.38 0.00	25.66 -1.54 -0.04	26.54 -1.67 0.00	25.97 -1.73 0.00	24.34 -1.56 0.07	20.71 -1.12 0.23	16.77 -0.84 4.39

LONG_LAKE_PHOENIX 24014	32.98 -0.54 0.49	32.91 -0.62 0.49	27.40 -0.56 0.26	26.75 -0.55 0.22	25.45 -0.54 0.04	21.82 -0.49 0.01	23.90 -0.51 0.01	22.68 -0.48 0.02	27.40 -0.61 0.03	29.22 -0.61 0.22	32.20 -0.65 0.50	33.71 -0.65 0.62	30.85 -0.63 0.35	30.60 -0.58 0.32	29.11 -0.70 0.01	28.56 -0.67 0.00	28.84 -0.69 0.00	27.19 -0.57 0.00	26.62 -0.55 0.00	27.64 -0.57 0.00	27.14 -0.56 0.00	25.42 -0.55 0.00	21.59 -0.47 0.00	21.54 -0.46 0.00
LOVETT___3 23632	32.93 1.44 2.53	33.01 1.53 2.53	25.75 1.25 3.72	27.69 1.30 1.13	27.07 1.24 0.21	9.27 1.09 14.14	18.22 1.19 7.38	16.29 1.16 8.04	27.54 1.35 1.86	27.43 1.36 3.97	32.98 1.59 1.97	34.34 1.79 2.44	31.27 1.75 2.32	31.98 1.72 1.25	30.98 1.65 0.49	30.77 1.54 0.00	31.08 1.55 0.00	29.37 1.60 0.00	29.03 1.58 -0.28	29.64 1.43 0.00	29.21 1.51 0.00	27.46 1.48 0.00	23.37 1.31 0.00	23.30 1.30 0.00
LOVETT___4 23642	32.93 1.44 2.53	33.01 1.53 2.53	25.75 1.25 3.72	27.69 1.30 1.13	27.07 1.24 0.21	9.27 1.09 14.14	18.22 1.19 7.38	16.29 1.16 8.04	27.54 1.35 1.86	27.43 1.36 3.97	32.98 1.59 1.97	34.34 1.79 2.44	31.27 1.75 2.32	31.98 1.72 1.25	30.98 1.65 0.49	30.77 1.54 0.00	31.08 1.55 0.00	29.37 1.60 0.00	29.03 1.58 -0.28	29.64 1.43 0.00	29.21 1.51 0.00	27.46 1.48 0.00	23.37 1.31 0.00	23.30 1.30 0.00
LOVETT___5 23593	32.93 1.44 2.53	33.01 1.53 2.53	25.75 1.25 3.72	27.69 1.30 1.13	27.07 1.24 0.21	9.27 1.09 14.14	18.22 1.19 7.38	16.29 1.16 8.04	27.54 1.35 1.86	27.43 1.36 3.97	32.98 1.59 1.97	34.34 1.79 2.44	31.27 1.75 2.32	31.98 1.72 1.25	30.98 1.65 0.49	30.77 1.54 0.00	31.08 1.55 0.00	29.37 1.60 0.00	29.03 1.58 -0.28	29.64 1.43 0.00	29.21 1.51 0.00	27.46 1.48 0.00	23.37 1.31 0.00	23.30 1.30 0.00
LOWER_RAQUET___HYD 24057	32.21 -0.34 1.48	32.07 -0.47 1.47	26.93 -0.51 0.78	26.13 -0.73 0.66	25.11 -0.81 0.12	21.76 -0.52 0.04	23.99 -0.40 0.03	22.86 -0.28 0.03	27.75 -0.24 0.06	29.44 -0.22 0.39	32.14 -0.31 0.91	33.44 -0.42 1.13	30.63 -0.57 0.64	30.27 -0.65 0.58	29.20 -0.61 0.01	28.69 -0.54 0.00	29.19 -0.34 0.00	27.09 -0.67 0.00	26.63 -0.54 0.00	27.76 -0.44 0.00	27.27 -0.43 0.00	25.50 -0.47 0.00	21.54 -0.52 0.00	21.57 -0.43 0.00
LOWER___HUDSON 24059	32.34 1.13 2.81	32.46 1.25 2.80	28.32 1.11 1.02	27.55 1.28 1.25	27.03 1.22 0.23	27.74 1.03 -4.39	27.72 1.03 -2.27	26.56 0.91 -2.48	29.47 1.09 -0.33	31.01 1.16 0.20	32.55 1.37 2.18	33.76 1.47 2.70	31.86 1.34 1.31	31.32 1.21 1.39	31.09 1.15 -0.12	30.40 1.17 0.00	30.73 1.21 0.00	29.11 1.34 0.00	29.35 1.34 -0.85	29.39 1.18 0.00	28.86 1.16 0.00	27.03 1.06 0.00	23.06 1.00 0.00	22.98 0.99 0.00
LOWVILLE_115KV_TB2 356335	31.91 0.43 2.54	31.19 -0.29 2.54	26.10 -0.78 1.35	25.16 -1.23 1.13	24.33 -1.50 0.21	21.99 -0.26 0.07	24.50 0.14 0.06	23.32 0.21 0.06	28.21 0.29 0.12	29.57 0.36 0.84	31.75 0.34 1.94	32.77 0.20 2.42	30.40 -0.07 1.37	29.78 -0.48 1.25	29.26 -0.53 0.03	28.75 -0.48 0.00	29.30 -0.23 0.00	27.68 -0.09 0.00	27.27 0.10 0.00	28.55 0.34 0.00	28.13 0.42 0.00	26.13 0.16 0.00	22.22 0.16 0.00	22.03 0.03 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	32.88 1.71 2.84	32.94 1.77 2.84	28.68 1.50 1.05	27.86 1.61 1.27	27.33 1.52 0.23	27.81 1.30 -4.19	27.90 1.32 -2.16	26.75 1.21 -2.37	29.84 1.49 -0.31	31.43 1.61 0.23	33.03 1.87 2.21	34.27 2.02 2.73	32.37 1.87 1.34	31.87 1.77 1.41	31.69 1.77 -0.11	31.01 1.78 0.00	31.36 1.83 0.00	29.71 1.94 0.00	30.03 1.91 -0.96	30.01 1.80 0.00	29.44 1.74 0.00	27.56 1.59 0.00	23.44 1.38 0.00	23.32 1.33 0.00
LUTHERNY_35_KV_BK2 355980	32.92 1.74 2.84	32.98 1.80 2.84	28.70 1.53 1.05	27.88 1.63 1.27	27.36 1.55 0.23	27.83 1.32 -4.19	27.92 1.34 -2.16	26.77 1.23 -2.37	29.85 1.49 -0.31	31.46 1.64 0.23	33.05 1.90 2.21	34.29 2.04 2.73	32.38 1.88 1.34	31.89 1.80 1.41	31.73 1.80 -0.11	31.04 1.81 0.00	31.40 1.87 0.00	29.73 1.97 0.00	30.06 1.94 -0.96	30.06 1.85 0.00	29.49 1.79 0.00	27.61 1.63 0.00	23.47 1.41 0.00	23.35 1.35 0.00
LWR___OSWEGATCHIE_HYD 23850	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.11 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.05 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.54 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
LYONS_FALL_HYD 23570	31.21 0.64 3.44	30.81 0.23 3.43	26.29 -0.10 1.83	25.67 -0.31 1.53	25.30 -0.45 0.28	22.34 0.12 0.10	24.67 0.33 0.08	23.45 0.36 0.09	28.33 0.45 0.16	29.42 0.53 1.16	31.22 0.55 2.69	32.15 0.52 3.35	30.28 0.34 1.89	29.91 0.14 1.73	29.94 0.16 0.04	29.40 0.17 0.00	29.89 0.36 0.00	28.22 0.45 0.00	27.71 0.54 0.00	28.89 0.68 0.00	28.41 0.71 0.00	26.50 0.53 0.00	22.50 0.44 0.00	22.34 0.34 0.00
MADISON___COUNTY_LFGE 323628	31.23 0.88 3.67	31.06 0.71 3.66	26.76 0.49 1.95	26.33 0.45 1.63	26.17 0.43 0.30	22.65 0.43 0.11	24.83 0.49 0.08	23.57 0.50 0.09	28.46 0.59 0.18	29.44 0.64 1.25	31.16 0.69 2.90	32.33 0.92 3.58	30.58 0.77 2.02	30.47 0.80 1.84	30.67 0.89 0.04	30.09 0.87 0.00	30.37 0.84 0.00	28.68 0.92 0.00	28.05 0.88 0.00	29.19 0.98 0.00	28.68 0.98 0.00	26.83 0.86 0.00	22.73 0.67 0.00	22.60 0.61 0.00
MALONE___115KV_TB1 356076	33.70 0.97 1.29	33.69 0.96 1.28	28.26 0.72 0.68	27.20 0.25 0.57	25.85 -0.08 0.11	22.19 -0.10 0.04	24.55 0.16 0.03	23.65 0.50 0.02	28.93 0.93 0.04	30.77 1.03 0.31	33.77 1.12 0.71	35.10 1.00 0.89	32.13 0.79 0.50	31.86 0.81 0.46	30.68 0.87 0.01	30.14 0.92 0.00	30.52 0.99 0.00	28.40 0.64 0.00	27.93 0.76 0.00	29.06 0.85 0.00	28.46 0.75 0.00	26.54 0.57 0.00	22.31 0.25 0.00	22.26 0.26 0.00
MAPLEWOD_115KV_TB3 80458	32.42 1.19 2.79	32.49 1.25 2.78	28.30 1.09 1.02	27.55 1.27 1.24	27.02 1.20 0.23	27.61 1.01 -4.27	27.63 1.00 -2.20	26.46 0.88 -2.41	29.42 1.05 -0.33	30.96 1.11 0.20	32.48 1.29 2.16	33.77 1.47 2.68	31.93 1.39 1.30	31.40 1.27 1.38	31.18 1.26 -0.11	30.48 1.25 0.00	30.86 1.33 0.00	29.21 1.44 0.00	29.34 1.41 -0.77	29.46 1.25 0.00	28.92 1.22 0.00	27.09 1.12 0.00	23.06 1.00 0.00	22.96 0.97 0.00
MAPLE RIDGE_WT_1 323574	30.37 -0.24 3.41	30.13 -0.48 3.40	25.90 -0.51 1.81	25.44 -0.57 1.52	25.29 -0.47 0.28	22.01 -0.22 0.10	24.24 -0.10 0.08	22.99 -0.10 0.09	27.76 -0.12 0.16	28.74 -0.14 1.17	30.42 -0.22 2.72	31.34 -0.28 3.36	29.68 -0.26 1.90	29.43 -0.34 1.73	29.45 -0.33 0.04	28.86 -0.37 0.00	29.23 -0.30 0.00	27.55 -0.22 0.00	27.01 -0.16 0.00	28.10 -0.11 0.00	27.60 -0.10 0.00	25.78 -0.19 0.00	21.91 -0.15 0.00	21.78 -0.21 0.00

MAPLE_RIDGE_WT_2 323611	30.37 -0.24 3.41	30.13 -0.48 3.40	25.90 -0.51 1.81	25.44 -0.57 1.52	25.29 -0.47 0.28	22.01 -0.22 0.10	24.24 -0.10 0.08	22.99 -0.10 0.09	27.76 -0.12 0.16	28.74 -0.14 1.17	30.42 -0.22 2.72	31.34 -0.28 3.36	29.68 -0.26 1.90	29.43 -0.34 1.73	29.45 -0.33 0.04	28.86 -0.37 0.00	29.23 -0.30 0.00	27.55 -0.22 0.00	27.01 -0.16 0.00	28.10 -0.11 0.00	27.60 -0.10 0.00	25.78 -0.19 0.00	21.91 -0.15 0.00	21.78 -0.21 0.00
MARBLE_RIVER_WT_PWR 323696	33.82 1.00 1.19	33.88 1.06 1.19	28.45 0.87 0.63	27.28 0.30 0.53	25.85 -0.10 0.10	22.08 -0.21 0.03	24.44 0.04 0.03	23.61 0.46 0.02	28.96 0.96 0.04	30.87 1.09 0.27	33.92 1.18 0.62	35.25 1.04 0.77	32.25 0.85 0.43	32.00 0.89 0.40	30.73 0.93 0.01	30.24 1.01 0.00	30.55 1.01 0.00	28.46 0.70 0.00	28.00 0.83 0.00	29.10 0.90 0.00	28.47 0.77 0.00	26.53 0.56 0.00	22.25 0.19 0.00	22.20 0.20 0.00
MARSHVLE_115KV_TB1 80742	33.93 2.78 2.87	33.61 2.46 2.86	29.04 1.89 1.08	27.91 1.67 1.28	27.34 1.54 0.23	27.84 1.48 -4.04	28.27 1.77 -2.08	27.15 1.69 -2.28	30.49 2.14 -0.30	32.06 2.26 0.26	33.65 2.51 2.23	34.82 2.59 2.75	32.77 2.29 1.35	32.61 2.53 1.42	32.17 2.25 -0.10	31.57 2.34 0.00	31.82 2.29 0.00	30.14 2.37 0.00	30.46 2.27 -1.03	30.72 2.51 0.00	30.25 2.55 0.00	28.41 2.44 0.00	24.04 1.98 0.00	23.91 1.92 0.00
MARSH_HILL_WT_PWR 323713	30.69 0.05 3.37	30.14 -0.51 3.37	26.45 0.02 1.79	25.91 -0.11 1.50	25.68 -0.09 0.28	22.07 -0.15 0.10	24.03 -0.32 0.08	22.82 -0.27 0.08	27.66 -0.23 0.16	28.59 -0.32 1.14	30.34 -0.39 2.63	31.18 -0.54 3.26	29.74 -0.26 1.84	29.73 -0.10 1.68	29.65 -0.13 0.04	29.13 -0.10 0.00	29.35 -0.18 0.00	27.78 0.01 0.00	27.01 -0.21 -0.05	28.04 -0.17 0.00	27.30 -0.40 0.00	26.11 -0.16 -0.30	22.66 -0.41 -1.01	40.32 -0.64 -18.96
MCINTYRE_115KV_TB2 80467	33.29 0.68 1.41	33.19 0.59 1.41	27.87 0.40 0.75	27.08 0.19 0.63	26.04 0.12 0.12	22.49 0.20 0.04	24.74 0.35 0.03	23.55 0.40 0.03	28.55 0.56 0.05	30.35 0.66 0.37	33.17 0.65 0.84	34.55 0.62 1.05	31.64 0.40 0.59	31.26 0.30 0.54	30.12 0.32 0.01	29.59 0.36 0.00	30.03 0.49 0.00	27.97 0.20 0.00	27.48 0.31 0.00	28.66 0.45 0.00	28.15 0.45 0.00	26.36 0.39 0.00	22.23 0.16 0.00	22.20 0.20 0.00
MECO____69_KV_BK1 80468	35.31 4.15 2.87	35.00 3.84 2.86	30.18 3.03 1.08	29.10 2.86 1.28	28.47 2.66 0.23	28.76 2.40 -4.04	29.20 2.70 -2.08	28.01 2.56 -2.28	31.42 3.07 -0.30	32.86 3.07 0.26	34.76 3.62 2.23	35.92 3.69 2.75	33.80 3.32 1.35	33.70 3.62 1.42	32.89 2.97 -0.10	32.65 3.42 0.00	32.87 3.34 0.00	31.60 3.84 0.00	31.90 3.71 -1.03	32.28 4.07 0.00	31.80 4.09 0.00	29.77 3.80 0.00	25.08 3.03 0.00	24.82 2.82 0.00
MENANDS__115KV_TB5 355628	32.02 0.77 2.77	32.11 0.87 2.77	28.01 0.79 1.00	27.29 1.00 1.23	26.77 0.96 0.23	27.42 0.79 -4.31	27.42 0.77 -2.22	26.25 0.65 -2.43	29.13 0.76 -0.33	30.66 0.80 0.19	32.17 0.96 2.15	33.41 1.09 2.66	31.56 1.01 1.30	31.04 0.91 1.37	30.81 0.88 -0.11	30.10 0.87 0.00	30.45 0.91 0.00	28.81 1.04 0.00	28.91 1.02 -0.72	29.07 0.86 0.00	28.55 0.85 0.00	26.75 0.77 0.00	22.79 0.73 0.00	22.72 0.72 0.00
MG INDUSTRY__DRP 24185	32.17 0.88 2.72	32.26 0.95 2.71	28.09 0.88 1.02	27.39 1.08 1.21	26.85 1.03 0.22	27.01 0.87 -3.82	27.22 0.83 -1.97	25.97 0.65 -2.16	29.08 0.75 -0.28	30.60 0.79 0.24	32.20 0.95 2.11	33.42 1.05 2.61	31.54 0.98 1.28	31.05 0.89 1.35	30.75 0.84 -0.10	30.06 0.83 0.00	30.40 0.87 0.00	28.75 0.99 0.00	28.69 0.97 -0.55	29.03 0.82 0.00	28.51 0.80 0.00	26.72 0.75 0.00	22.76 0.70 0.00	22.69 0.69 0.00
MID__OSWEGATCHIE_HYD 23849	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.11 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.05 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.54 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
MID__RAQUETTE_HYD 23851	32.21 -0.34 1.48	32.07 -0.47 1.47	26.93 -0.51 0.78	26.13 -0.73 0.66	25.11 -0.81 0.12	21.76 -0.52 0.04	23.99 -0.40 0.03	22.86 -0.28 0.03	27.75 -0.24 0.06	29.43 -0.22 0.39	32.14 -0.31 0.91	33.44 -0.42 1.13	30.63 -0.57 0.64	30.27 -0.65 0.58	29.20 -0.61 0.01	28.68 -0.54 0.00	29.19 -0.34 0.00	27.09 -0.67 0.00	26.63 -0.54 0.00	27.76 -0.44 0.00	27.27 -0.43 0.00	25.50 -0.47 0.00	21.54 -0.52 0.00	21.57 -0.43 0.00
MILLIKEN__1 23584	32.24 0.77 2.55	32.13 0.66 2.54	27.33 0.46 1.35	26.78 0.39 1.13	26.23 0.40 0.21	22.58 0.33 0.07	24.72 0.35 0.06	23.47 0.37 0.06	28.31 0.39 0.12	29.63 0.45 0.88	31.81 0.47 2.03	33.06 0.58 2.51	30.96 0.54 1.42	30.82 0.61 1.29	30.29 0.51 0.03	29.78 0.55 0.00	30.09 0.56 0.00	28.40 0.64 0.00	27.83 0.61 -0.05	28.93 0.72 0.00	28.41 0.71 0.00	26.68 0.68 -0.02	22.62 0.48 -0.07	23.86 0.45 -1.41
MILLIKEN__2 23585	32.24 0.77 2.55	32.13 0.66 2.54	27.33 0.46 1.35	26.78 0.39 1.13	26.23 0.40 0.21	22.58 0.33 0.07	24.72 0.35 0.06	23.47 0.37 0.06	28.31 0.39 0.12	29.63 0.45 0.88	31.81 0.47 2.03	33.06 0.58 2.51	30.96 0.54 1.42	30.82 0.61 1.29	30.29 0.51 0.03	29.78 0.55 0.00	30.09 0.56 0.00	28.40 0.64 0.00	27.83 0.61 -0.05	28.93 0.72 0.00	28.41 0.71 0.00	26.68 0.68 -0.02	22.62 0.48 -0.07	23.86 0.45 -1.41
MILLIKEN__DIESEL 23629	32.24 0.77 2.55	32.13 0.66 2.54	27.33 0.46 1.35	26.78 0.39 1.13	26.23 0.40 0.21	22.58 0.33 0.07	24.72 0.35 0.06	23.47 0.37 0.06	28.31 0.39 0.12	29.63 0.45 0.88	31.81 0.47 2.03	33.06 0.58 2.51	30.96 0.54 1.42	30.82 0.61 1.29	30.29 0.51 0.03	29.78 0.55 0.00	30.09 0.56 0.00	28.40 0.64 0.00	27.83 0.61 -0.05	28.93 0.72 0.00	28.41 0.71 0.00	26.68 0.68 -0.02	22.62 0.48 -0.07	23.86 0.45 -1.41
MILLSEAT__LFGE 323607	29.81 -0.35 3.85	29.68 -0.49 3.85	25.83 -0.34 2.05	25.23 -0.57 1.72	25.23 -0.49 0.32	21.65 -0.57 0.11	23.82 -0.52 0.09	22.53 -0.54 0.10	27.22 -0.64 0.18	28.25 -0.50 1.29	29.40 -0.97 2.99	30.26 -1.02 3.70	28.79 -0.95 2.09	29.01 -0.59 1.91	29.10 -0.67 0.04	28.60 -0.63 0.00	28.76 -0.78 0.00	27.15 -0.61 0.00	26.52 -0.68 -0.03	27.46 -0.75 0.00	26.85 -0.85 0.00	25.15 -0.76 0.05	21.39 -0.50 0.18	18.33 -0.28 3.38
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	33.10 1.64 2.56	33.20 1.74 2.55	30.33 1.45 -0.65	27.88 1.50 1.14	27.26 1.43 0.21	37.77 1.24 -14.21	33.11 1.30 -7.38	32.50 1.27 -8.06	34.05 1.52 -4.49	41.99 1.53 -10.40	33.15 1.78 1.99	34.50 1.98 2.46	36.24 1.93 -2.48	32.12 1.89 1.27	32.07 1.81 -0.44	30.92 1.69 0.00	31.20 1.67 0.00	29.49 1.73 0.00	29.15 1.69 -0.29	29.77 1.56 0.00	29.35 1.65 0.00	27.58 1.61 0.00	23.49 1.43 0.00	23.42 1.42 0.00

MILLWOOD_13_KV_LOAD 356217	33.23 1.77 2.56	33.33 1.86 2.55	30.43 1.55 -0.65	27.98 1.60 1.14	27.34 1.51 0.21	37.84 1.31 -14.21	33.19 1.38 -7.38	32.59 1.36 -8.06	34.16 1.63 -4.49	42.10 1.65 -10.40	33.28 1.90 1.99	34.65 2.12 2.46	36.38 2.06 -2.48	32.25 2.01 1.27	32.19 1.93 -0.44	31.04 1.81 0.00	31.32 1.79 0.00	29.61 1.84 0.00	29.26 1.80 -0.29	29.88 1.67 0.00	29.45 1.75 0.00	27.69 1.72 0.00	23.57 1.51 0.00	23.50 1.50 0.00
MODEL_CITY_ENERGY 24167	28.77 -1.43 3.82	28.66 -1.54 3.82	25.04 -1.15 2.03	24.48 -1.34 1.70	24.52 -1.21 0.31	21.02 -1.20 0.11	23.14 -1.20 0.09	21.85 -1.23 0.09	26.36 -1.51 0.18	27.20 -1.57 1.28	28.29 -2.10 2.97	28.99 -2.33 3.67	27.73 -2.04 2.07	27.96 -1.65 1.89	28.08 -1.69 0.04	27.60 -1.63 0.00	27.65 -1.88 0.00	26.04 -1.73 0.00	25.32 -1.89 -0.04	26.19 -2.02 0.00	25.64 -2.06 0.00	24.04 -1.86 0.07	20.49 -1.34 0.23	16.69 -1.01 4.30
MODERN_LFGE_ 323580	28.77 -1.43 3.82	28.66 -1.54 3.82	25.04 -1.15 2.03	24.48 -1.34 1.70	24.52 -1.21 0.31	21.02 -1.20 0.11	23.14 -1.20 0.09	21.85 -1.23 0.09	26.36 -1.51 0.18	27.20 -1.57 1.28	28.29 -2.10 2.97	28.99 -2.33 3.67	27.73 -2.04 2.07	27.96 -1.65 1.89	28.08 -1.69 0.04	27.60 -1.63 0.00	27.65 -1.88 0.00	26.04 -1.73 0.00	25.32 -1.89 -0.04	26.19 -2.02 0.00	25.64 -2.06 0.00	24.04 -1.86 0.07	20.49 -1.34 0.23	16.69 -1.01 4.30
MOHAWK_PAPER___DRP 24187	32.42 1.19 2.79	32.49 1.25 2.78	28.30 1.09 1.02	27.55 1.27 1.24	27.02 1.20 0.23	27.61 1.01 -4.27	27.63 1.00 -2.20	26.46 0.88 -2.41	29.42 1.05 -0.33	30.96 1.11 0.20	32.48 1.29 2.16	33.77 1.47 2.68	31.93 1.39 1.30	31.40 1.27 1.38	31.18 1.26 -0.11	30.48 1.25 0.00	30.86 1.33 0.00	29.21 1.44 0.00	29.34 1.41 -0.77	29.46 1.25 0.00	28.92 1.22 0.00	27.09 1.12 0.00	23.06 1.00 0.00	22.96 0.97 0.00
MOHICAN__35_KV_115KV_LD 80490	32.99 1.82 2.84	33.05 1.88 2.84	28.73 1.57 1.05	27.86 1.61 1.27	27.33 1.52 0.23	27.81 1.30 -4.18	27.89 1.31 -2.15	26.77 1.23 -2.36	29.94 1.58 -0.31	31.56 1.74 0.23	33.17 2.02 2.21	34.39 2.13 2.73	32.49 1.99 1.34	32.00 1.90 1.41	31.86 1.94 -0.11	31.23 2.00 0.00	31.62 2.09 0.00	29.97 2.20 0.00	30.32 2.19 -0.96	30.33 2.12 0.00	29.68 1.98 0.00	27.78 1.81 0.00	23.61 1.55 0.00	23.43 1.43 0.00
MONGAUP___HYD 23641	32.91 1.38 2.49	33.13 1.60 2.48	26.87 1.30 2.65	27.76 1.34 1.11	27.13 1.29 0.20	13.37 0.93 9.89	20.11 0.86 5.17	18.37 0.83 5.62	27.75 0.96 1.26	28.23 0.99 2.82	32.66 1.23 1.93	33.99 1.40 2.39	31.48 1.58 1.94	31.78 1.51 1.23	30.35 0.89 0.35	30.22 0.99 0.00	30.49 0.95 0.00	28.97 1.21 0.00	28.66 1.23 -0.26	29.36 1.15 0.00	29.19 1.48 0.00	27.41 1.44 0.00	23.46 1.40 0.00	23.48 1.49 0.00
MONTAUK___DIESEL 23721	35.76 4.30 2.56	36.36 4.90 2.56	37.51 3.99 -5.29	35.84 3.88 -4.44	34.44 3.63 -4.77	48.59 3.11 -23.15	41.71 3.37 -13.92	34.59 3.33 -8.09	33.46 4.02 -1.40	50.51 4.29 -16.17	48.90 4.87 -10.67	38.67 5.22 1.53	39.52 5.02 -2.66	37.37 4.91 -0.95	38.44 4.91 -3.71	34.37 4.54 -0.60	33.55 4.02 0.00	31.11 3.35 0.00	30.59 3.13 -0.30	31.10 2.89 0.00	31.20 3.50 0.00	29.45 3.48 0.00	25.12 3.06 0.00	24.94 2.94 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	30.97 0.64 3.69	30.46 0.12 3.68	26.12 -0.14 1.96	25.30 -0.57 1.64	25.46 -0.28 0.30	21.94 -0.28 0.11	24.14 -0.20 0.08	23.08 0.00 0.09	27.96 0.09 0.17	28.92 0.11 1.24	30.39 -0.11 2.87	31.33 -0.11 3.55	29.93 0.10 2.00	30.13 0.45 1.83	30.17 0.39 0.04	29.60 0.37 0.00	29.41 -0.12 0.00	27.49 -0.28 0.00	26.88 -0.34 -0.04	27.80 -0.41 0.00	27.00 -0.70 0.00	25.18 -0.72 0.07	21.03 -0.79 0.24	16.65 -0.79 4.56
MORTIMER_115KV_TB3 55949	29.81 -0.27 3.94	29.69 -0.40 3.93	25.80 -0.33 2.09	25.29 -0.48 1.75	25.28 -0.44 0.32	21.74 -0.47 0.11	23.87 -0.46 0.09	22.63 -0.44 0.10	27.34 -0.52 0.18	28.29 -0.44 1.32	29.66 -0.65 3.05	30.47 -0.74 3.78	29.04 -0.66 2.13	29.11 -0.45 1.94	29.28 -0.49 0.04	28.82 -0.41 0.00	29.05 -0.48 0.00	27.41 -0.35 0.00	26.78 -0.41 -0.03	27.71 -0.50 0.00	27.12 -0.58 0.00	25.44 -0.54 0.00	21.66 -0.40 0.00	21.65 -0.35 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	33.37 1.92 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.01 1.47 -7.12	32.39 1.45 -7.77	31.20 1.75 -1.41	33.50 1.75 -1.70	33.37 2.00 1.99	34.74 2.22 2.46	33.36 2.17 0.65	32.38 2.14 1.27	32.29 2.05 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.70 1.94 0.00	29.37 1.90 -0.30	29.98 1.77 0.00	29.57 1.87 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.62 1.62 0.00
MUNSVILLE_WIND_PWR 323609	33.69 2.53 2.86	33.59 2.43 2.85	28.36 1.66 1.52	28.00 1.75 1.27	27.55 1.74 0.23	23.78 1.54 0.08	26.09 1.73 0.07	24.84 1.74 0.07	30.03 2.12 0.14	31.32 2.24 0.97	33.57 2.46 2.25	34.98 2.78 2.78	32.93 2.67 1.57	32.72 2.65 1.44	32.10 2.32 0.03	31.55 2.33 0.00	31.90 2.37 0.00	30.36 2.59 0.00	29.73 2.48 -0.08	31.00 2.79 0.00	30.50 2.80 0.00	28.58 2.59 -0.02	24.12 2.01 -0.05	24.86 1.91 -0.96
N SALMON___HYD 24042	33.70 0.97 1.29	33.69 0.96 1.28	28.26 0.72 0.68	27.20 0.25 0.57	25.85 -0.08 0.11	22.19 -0.10 0.04	24.55 0.16 0.03	23.65 0.50 0.02	28.93 0.93 0.04	30.77 1.03 0.31	33.77 1.12 0.71	35.10 1.00 0.89	32.13 0.79 0.50	31.86 0.81 0.46	30.67 0.87 0.01	30.14 0.92 0.00	30.52 0.99 0.00	28.40 0.64 0.00	27.93 0.76 0.00	29.06 0.85 0.00	28.45 0.75 0.00	26.54 0.57 0.00	22.31 0.25 0.00	22.26 0.26 0.00
N.AKRON__115KV_KNAPP 355671	29.64 -0.54 3.85	29.49 -0.68 3.84	25.70 -0.48 2.04	25.10 -0.70 1.71	25.12 -0.61 0.32	21.55 -0.67 0.11	23.70 -0.63 0.09	22.41 -0.66 0.10	27.09 -0.77 0.18	28.20 -0.56 1.29	29.21 -1.17 2.98	30.02 -1.27 3.69	28.61 -1.14 2.08	28.83 -0.77 1.90	28.97 -0.80 0.04	28.48 -0.75 0.00	28.61 -0.92 0.00	27.00 -0.77 0.00	26.32 -0.88 -0.03	27.24 -0.97 0.00	26.65 -1.06 0.00	24.97 -0.94 0.06	21.23 -0.64 0.19	17.94 -0.40 3.66
N.BELMOR_69_KV_BK1 55787	33.89 2.44 2.56	34.19 2.73 2.56	35.83 2.32 -5.29	34.29 2.33 -4.44	33.00 2.19 -4.77	47.37 1.89 -23.15	40.34 2.00 -13.92	33.21 1.95 -8.09	31.73 2.29 -1.40	48.63 2.41 -16.17	46.70 2.66 -10.67	36.34 2.88 1.53	37.31 2.81 -2.66	35.29 2.83 -0.95	36.20 2.67 -3.71	32.27 2.44 -0.60	31.84 2.31 0.00	29.91 2.14 0.00	29.51 2.05 -0.30	30.05 1.84 0.00	29.87 2.17 0.00	28.07 2.10 0.00	23.95 1.89 0.00	23.83 1.84 0.00
N.E._GEN_SANDY PD 24062	32.44 1.08 2.66	32.90 1.25 2.36	31.39 1.13 -2.03	32.58 1.28 -3.78	34.92 1.22 -7.66	34.75 1.04 -11.39	30.27 1.06 -4.79	28.66 0.96 -4.53	29.76 1.14 -0.58	34.74 1.17 -3.52	40.36 1.37 -5.62	33.94 1.51 2.56	32.08 1.39 1.14	31.31 1.26 1.46	31.19 1.17 -0.20	30.01 1.14 0.35	30.43 1.14 0.25	29.06 1.29 0.00	28.89 1.29 -0.43	29.25 1.10 0.06	28.82 1.12 0.00	27.03 1.06 0.00	23.12 1.04 -0.02	23.16 1.06 -0.11

N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	33.02 1.53 2.53	33.10 1.61 2.53	25.87 1.32 3.67	27.75 1.36 1.12	27.13 1.30 0.21	9.51 1.14 13.95	18.37 1.23 7.28	16.45 1.21 7.93	27.62 1.42 1.84	27.53 1.43 3.95	33.07 1.68 1.97	34.43 1.88 2.44	31.37 1.84 2.31	32.07 1.82 1.25	31.07 1.74 0.48	30.86 1.63 0.00	31.17 1.64 0.00	29.45 1.69 0.00	29.11 1.66 -0.28	29.73 1.52 0.00	29.30 1.60 0.00	27.53 1.56 0.00	23.43 1.37 0.00	23.35 1.36 0.00
N.QUEENS_27_KV_LOAD 356247	33.40 1.95 2.56	33.50 2.04 2.56	30.46 1.79 -0.45	28.18 1.80 1.14	27.51 1.68 0.21	37.48 1.46 -13.70	33.07 1.53 -7.12	32.41 1.47 -7.77	31.21 1.76 -1.41	33.54 1.79 -1.70	33.41 2.03 1.99	34.78 2.26 2.46	33.41 2.22 0.65	32.44 2.20 1.27	32.35 2.11 -0.42	31.15 1.92 0.00	31.37 1.84 0.00	29.69 1.93 0.00	29.36 1.89 -0.30	30.01 1.80 0.00	29.63 1.93 0.00	27.90 1.93 0.00	23.77 1.71 0.00	23.67 1.68 0.00
N.TROY___115KV_TB1 355778	32.34 1.13 2.81	32.46 1.25 2.80	28.32 1.11 1.02	27.55 1.28 1.25	27.03 1.22 0.23	27.74 1.03 -4.39	27.72 1.03 -2.27	26.56 0.91 -2.48	29.47 1.09 -0.33	31.01 1.16 0.20	32.55 1.37 2.18	33.76 1.47 2.70	31.87 1.35 1.31	31.32 1.21 1.39	31.09 1.15 -0.12	30.40 1.17 0.00	30.73 1.20 0.00	29.11 1.34 0.00	29.35 1.34 -0.85	29.39 1.18 0.00	28.86 1.16 0.00	27.03 1.06 0.00	23.06 1.00 0.00	22.98 0.99 0.00
NARROWS_GT1_1 24228	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_2 24229	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_3 24230	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_4 24231	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_5 24232	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_6 24233	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_7 24234	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT1_8 24235	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_1 24236	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_2 24237	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_3 24238	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_4 24239	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00

NARROWS_GT2_5 24240	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_6 24241	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_7 24242	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NARROWS_GT2_8 24243	33.47 2.01 2.56	33.56 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.51 2.15 1.99	34.81 2.29 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.70 1.88 -14.61	44.90 1.98 -15.21	30.92 1.98 -2.97	23.81 1.75 0.00	23.73 1.73 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	32.96 1.63 2.69	32.98 1.65 2.68	28.58 1.43 1.07	27.94 1.62 1.20	27.35 1.53 0.22	26.67 1.31 -3.03	27.26 1.28 -1.56	25.96 1.08 -1.71	29.61 1.36 -0.21	31.16 1.46 0.34	33.00 1.73 2.09	34.28 1.88 2.59	32.18 1.64 1.30	31.69 1.52 1.33	31.27 1.39 -0.07	30.69 1.46 0.00	31.10 1.57 0.00	29.53 1.76 0.00	29.51 1.82 -0.52	29.90 1.69 0.00	29.31 1.61 0.00	27.40 1.43 0.00	23.28 1.22 0.00	23.15 1.15 0.00
NCHELSEA_115KV_TR2 355582	33.42 1.97 2.56	33.49 2.03 2.56	28.55 1.69 1.36	28.10 1.73 1.14	27.46 1.63 0.21	27.00 1.41 -3.26	27.59 1.49 -1.68	26.44 1.43 -1.84	29.83 1.71 -0.07	31.12 1.80 0.74	33.48 2.10 1.99	34.85 2.33 2.47	32.65 2.20 1.39	32.40 2.17 1.27	31.97 2.08 -0.08	31.21 1.99 0.00	31.52 1.99 0.00	29.79 2.02 0.00	29.43 1.97 -0.30	30.07 1.87 0.00	29.62 1.92 0.00	27.81 1.84 0.00	23.67 1.61 0.00	23.57 1.58 0.00
NEG CAPITAL___MECHNVIL 23645	32.94 1.76 2.83	33.00 1.82 2.83	28.73 1.55 1.04	27.92 1.66 1.26	27.36 1.55 0.23	27.90 1.33 -4.25	27.97 1.35 -2.19	26.81 1.24 -2.40	29.89 1.53 -0.32	31.49 1.66 0.22	33.10 1.94 2.20	34.37 2.11 2.72	32.45 1.95 1.33	31.95 1.85 1.40	31.76 1.83 -0.11	31.08 1.85 0.00	31.43 1.90 0.00	29.78 2.02 0.00	30.08 1.98 -0.93	30.07 1.86 0.00	29.49 1.79 0.00	27.61 1.63 0.00	23.48 1.42 0.00	23.36 1.36 0.00
NEG CENTRAL_HIGH_ACRES 23767	29.93 -0.69 3.40	29.81 -0.81 3.39	25.73 -0.69 1.80	25.20 -0.81 1.51	25.01 -0.75 0.28	21.51 -0.71 0.10	23.60 -0.74 0.08	22.38 -0.70 0.08	27.04 -0.84 0.16	28.14 -0.77 1.15	29.79 -0.92 2.66	30.71 -0.99 3.29	29.08 -0.90 1.85	29.09 -0.72 1.69	29.04 -0.73 0.04	28.57 -0.66 0.00	28.82 -0.71 0.00	27.21 -0.55 0.00	26.62 -0.58 -0.03	27.55 -0.66 0.00	26.95 -0.75 0.00	25.27 -0.70 0.00	21.46 -0.60 0.00	21.40 -0.60 0.00
NEG CENTRAL___DRP 24199	31.57 0.22 2.66	31.44 0.08 2.65	26.83 0.02 1.41	26.27 -0.07 1.19	25.78 -0.04 0.22	22.17 -0.08 0.08	24.28 -0.08 0.06	23.07 -0.04 0.07	27.84 -0.08 0.13	29.13 -0.01 0.91	31.21 -0.05 2.11	32.31 -0.06 2.61	30.36 0.00 1.47	30.27 0.11 1.35	29.81 0.03 0.03	29.34 0.11 0.00	29.58 0.05 0.00	27.95 0.18 0.00	27.34 0.14 -0.03	28.38 0.16 0.00	27.83 0.12 0.00	26.19 0.19 -0.03	22.21 0.05 -0.10	23.84 0.01 -1.84
NEG CENTRAL___INDECK 23768	31.38 0.97 3.61	31.07 0.66 3.61	26.93 0.63 1.92	26.36 0.45 1.61	26.20 0.46 0.30	22.50 0.28 0.10	24.66 0.31 0.08	23.37 0.29 0.09	28.24 0.36 0.17	29.03 0.19 1.21	30.54 -0.01 2.81	31.37 -0.13 3.48	29.93 0.05 1.96	29.83 0.12 1.79	29.83 0.05 0.04	29.32 0.09 0.00	29.57 0.04 0.00	27.97 0.21 0.00	27.53 0.32 -0.04	28.65 0.44 0.00	28.18 0.47 0.00	26.81 0.53 -0.31	23.44 0.34 -1.04	41.70 0.27 -19.43
NEG CENTRAL___SENECA 23627	31.17 0.38 3.22	31.02 0.23 3.22	26.65 0.13 1.71	26.11 0.02 1.43	25.82 0.05 0.26	22.22 -0.01 0.09	24.33 -0.01 0.07	23.15 0.05 0.08	27.92 0.03 0.15	29.07 0.11 1.09	30.94 0.10 2.52	31.90 0.03 3.12	30.21 0.14 1.76	30.15 0.25 1.61	29.93 0.15 0.04	29.45 0.22 0.00	29.66 0.13 0.00	28.09 0.33 0.00	27.46 0.25 -0.03	28.48 0.28 0.00	27.93 0.22 0.00	26.33 0.32 -0.05	22.35 0.13 -0.15	24.99 0.09 -2.91
NEG CENTRAL___STATE_STREET 24147	32.33 0.48 2.16	32.22 0.37 2.16	27.33 0.25 1.15	26.66 0.10 0.96	26.02 0.15 0.18	22.39 0.13 0.06	24.53 0.15 0.05	23.26 0.14 0.06	28.08 0.14 0.11	29.53 0.23 0.75	31.75 0.13 1.74	33.09 0.26 2.16	30.81 0.18 1.22	30.74 0.34 1.11	29.98 0.18 0.03	29.57 0.34 0.00	29.88 0.36 0.00	28.09 0.33 0.00	27.50 0.31 -0.03	28.64 0.43 0.00	28.08 0.38 0.00	26.37 0.38 -0.01	22.32 0.22 -0.04	22.97 0.19 -0.78
NEG MILLWOOD___DRP 24198	33.54 2.09 2.57	33.61 2.16 2.57	29.36 1.80 0.66	28.21 1.84 1.14	27.56 1.73 0.21	31.35 1.50 -7.53	29.90 1.57 -3.90	28.96 1.52 -4.27	30.48 1.82 -0.62	32.22 1.90 -0.27	33.58 2.21 2.00	34.97 2.45 2.47	33.10 2.35 1.08	32.53 2.30 1.27	32.23 2.19 -0.22	31.32 2.09 0.00	31.62 2.09 0.00	29.89 2.13 0.00	29.56 2.09 -0.30	30.19 1.98 0.00	29.74 2.04 0.00	27.92 1.96 0.00	23.77 1.71 0.00	23.67 1.67 0.00
NEG NORTH_FLCN_SEA 23793	34.25 1.43 1.20	34.37 1.55 1.20	28.85 1.27 0.63	27.66 0.68 0.53	26.19 0.25 0.10	22.36 0.07 0.03	24.71 0.32 0.03	23.87 0.72 0.02	29.31 1.30 0.04	31.25 1.47 0.27	34.34 1.61 0.62	35.65 1.44 0.78	32.60 1.20 0.44	32.37 1.27 0.40	31.11 1.30 0.01	30.64 1.41 0.00	30.93 1.40 0.00	28.81 1.05 0.00	28.39 1.22 0.00	29.50 1.29 0.00	28.85 1.15 0.00	26.89 0.91 0.00	22.57 0.51 0.00	22.50 0.50 0.00
NEG NORTH_KES_CHATEGAY 23792	33.79 0.99 1.22	33.84 1.04 1.22	28.41 0.84 0.65	27.26 0.28 0.54	25.85 -0.09 0.10	22.11 -0.18 0.04	24.47 0.07 0.03	23.64 0.49 0.02	28.96 0.95 0.04	30.83 1.06 0.28	33.85 1.14 0.65	35.18 1.00 0.81	32.19 0.81 0.45	31.95 0.86 0.41	30.70 0.89 0.01	30.18 0.95 0.00	30.50 0.97 0.00	28.42 0.65 0.00	27.95 0.78 0.00	29.07 0.86 0.00	28.45 0.75 0.00	26.52 0.55 0.00	22.26 0.20 0.00	22.19 0.20 0.00



NEG NORTH___ALICE_FALLS 23915	34.25 1.43 1.20	34.32 1.51 1.20	28.82 1.23 0.64	27.62 0.64 0.53	26.17 0.22 0.10	22.35 0.06 0.03	24.72 0.32 0.03	23.88 0.73 0.02	29.32 1.32 0.04	31.26 1.48 0.27	34.35 1.62 0.63	35.63 1.43 0.78	32.59 1.20 0.44	32.37 1.27 0.40	31.14 1.33 0.01	30.68 1.46 0.00	30.98 1.45 0.00	28.87 1.11 0.00	28.43 1.27 0.00	29.53 1.32 0.00	28.88 1.18 0.00	26.92 0.95 0.00	22.60 0.54 0.00	22.52 0.52 0.00
NEG NORTH___LWR_SARANAC 23913	34.25 1.43 1.20	34.32 1.51 1.20	28.82 1.23 0.64	27.62 0.64 0.53	26.17 0.22 0.10	22.35 0.06 0.03	24.72 0.32 0.03	23.88 0.73 0.02	29.32 1.32 0.04	31.26 1.48 0.27	34.35 1.62 0.63	35.63 1.43 0.78	32.59 1.20 0.44	32.37 1.27 0.40	31.14 1.33 0.01	30.68 1.46 0.00	30.98 1.45 0.00	28.87 1.11 0.00	28.43 1.27 0.00	29.53 1.32 0.00	28.88 1.18 0.00	26.92 0.95 0.00	22.60 0.54 0.00	22.52 0.52 0.00
NEG NORTH___PLATTSBURG 23628	34.25 1.43 1.20	34.33 1.51 1.20	28.81 1.23 0.64	27.62 0.64 0.53	26.17 0.22 0.10	22.35 0.06 0.03	24.72 0.32 0.03	23.88 0.73 0.02	29.32 1.32 0.04	31.26 1.48 0.27	34.35 1.62 0.63	35.63 1.43 0.78	32.59 1.20 0.44	32.37 1.27 0.40	31.14 1.33 0.01	30.68 1.46 0.00	30.98 1.45 0.00	28.87 1.11 0.00	28.43 1.27 0.00	29.53 1.32 0.00	28.88 1.18 0.00	26.92 0.95 0.00	22.60 0.54 0.00	22.52 0.52 0.00
NEG WEST_LEA_LOCKPORT 23791	29.15 -1.04 3.83	29.03 -1.16 3.82	25.33 -0.86 2.03	24.74 -1.08 1.71	24.77 -0.96 0.31	21.24 -0.97 0.11	23.37 -0.97 0.09	22.09 -0.99 0.10	26.67 -1.19 0.18	27.54 -1.23 1.28	28.67 -1.72 2.97	29.39 -1.92 3.68	28.07 -1.69 2.08	28.30 -1.31 1.89	28.44 -1.34 0.04	27.95 -1.28 0.00	28.02 -1.51 0.00	26.39 -1.38 0.00	25.66 -1.54 -0.04	26.54 -1.67 0.00	25.98 -1.72 0.00	24.34 -1.56 0.07	20.71 -1.12 0.23	16.76 -0.85 4.39
NEG WEST___LANCASTR 23811	29.74 -0.60 3.68	29.62 -0.72 3.67	25.67 -0.60 1.95	25.05 -0.83 1.64	25.04 -0.70 0.30	21.53 -0.68 0.11	23.68 -0.66 0.08	22.49 -0.58 0.09	27.17 -0.70 0.17	28.08 -0.74 1.24	29.35 -1.15 2.86	30.13 -1.31 3.54	28.71 -1.13 2.00	28.89 -0.79 1.83	29.08 -0.70 0.04	28.61 -0.62 0.00	28.72 -0.81 0.00	27.07 -0.69 0.00	26.27 -0.94 -0.04	27.17 -1.04 0.00	26.58 -1.12 0.00	24.94 -0.96 0.07	21.13 -0.69 0.24	17.13 -0.43 4.43
NEG_PENN_ALLEGHNY 23528	31.48 0.38 2.92	31.40 0.30 2.91	26.83 0.16 1.55	26.37 0.14 1.30	25.95 0.15 0.24	22.35 0.11 0.08	24.42 0.07 0.07	23.23 0.13 0.07	28.05 0.14 0.14	29.20 0.14 0.99	31.23 0.16 2.29	32.35 0.20 2.84	30.50 0.27 1.60	30.42 0.37 1.46	30.17 0.38 0.03	29.61 0.38 0.00	29.90 0.37 0.00	28.22 0.46 0.00	27.58 0.33 -0.08	28.52 0.31 0.00	27.97 0.27 0.00	26.28 0.31 0.00	22.27 0.21 0.00	22.25 0.26 0.00
NEG___GEN_MONROE 24207	30.01 -0.08 3.93	29.88 -0.21 3.92	25.96 -0.17 2.09	25.43 -0.34 1.75	25.42 -0.30 0.32	21.84 -0.37 0.11	24.00 -0.34 0.09	22.75 -0.32 0.10	27.48 -0.37 0.18	28.46 -0.28 1.32	29.82 -0.50 3.05	30.64 -0.58 3.77	29.19 -0.51 2.13	29.28 -0.28 1.94	29.42 -0.35 0.04	28.95 -0.28 0.00	29.19 -0.34 0.00	27.57 -0.19 0.00	26.95 -0.25 -0.03	27.90 -0.30 0.00	27.29 -0.41 0.00	25.61 -0.37 0.00	21.80 -0.26 0.00	21.82 -0.18 0.00
NEPA___ENERGY 23901	30.09 -0.25 3.67	29.96 -0.39 3.67	25.76 -0.51 1.95	25.08 -0.80 1.64	25.09 -0.65 0.30	21.57 -0.65 0.11	23.69 -0.65 0.08	22.63 -0.45 0.09	27.33 -0.54 0.17	28.21 -0.61 1.23	29.65 -0.86 2.85	30.52 -0.93 3.53	29.11 -0.73 2.00	29.31 -0.38 1.82	29.41 -0.37 0.04	28.91 -0.32 0.00	29.01 -0.52 0.00	27.32 -0.45 0.00	26.44 -0.77 -0.04	27.37 -0.84 0.00	26.75 -0.95 0.00	25.13 -0.76 0.08	21.10 -0.69 0.27	16.54 -0.45 5.01
NEVERSINK___HYD 23608	33.58 2.03 2.47	33.56 2.01 2.47	28.52 1.60 1.31	28.02 1.60 1.10	27.33 1.50 0.20	21.43 1.29 2.18	24.63 1.36 1.15	23.26 1.33 1.25	29.40 1.59 0.24	30.86 1.71 0.90	33.50 2.06 1.92	34.88 2.27 2.38	32.68 2.18 1.34	32.45 2.17 1.23	31.89 2.17 0.10	31.28 2.06 0.00	31.56 2.03 0.00	29.83 2.07 0.00	29.48 2.04 -0.27	30.19 1.98 0.00	29.74 2.03 0.00	27.90 1.93 0.00	23.69 1.62 0.00	23.56 1.56 0.00
NEWKRMKL_115KV_TB1 55635	31.90 0.65 2.77	31.98 0.73 2.76	27.89 0.67 1.01	27.15 0.87 1.23	26.64 0.83 0.23	27.25 0.69 -4.23	27.26 0.65 -2.18	26.11 0.54 -2.39	29.01 0.64 -0.32	30.52 0.67 0.20	32.06 0.84 2.15	33.27 0.95 2.66	31.43 0.89 1.30	30.94 0.80 1.37	30.71 0.78 -0.11	30.01 0.78 0.00	30.36 0.83 0.00	28.72 0.96 0.00	28.80 0.92 -0.71	28.97 0.76 0.00	28.45 0.75 0.00	26.66 0.68 0.00	22.71 0.65 0.00	22.62 0.63 0.00
NEWTON___FALLS_HYD 23847	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.11 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.05 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.54 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
NGRID_A1_DSASP 323792	28.73 -1.46 3.83	28.65 -1.55 3.82	24.98 -1.21 2.04	24.41 -1.41 1.71	24.45 -1.28 0.31	20.95 -1.26 0.11	23.05 -1.29 0.09	21.78 -1.30 0.10	26.27 -1.59 0.18	27.11 -1.66 1.28	28.22 -2.17 2.97	28.80 -2.51 3.68	27.43 -2.33 2.08	27.63 -1.97 1.90	27.76 -2.02 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.30 -2.40 0.00	23.72 -2.17 0.07	20.24 -1.58 0.23	16.38 -1.21 4.41
NGRID_A2_DSASP 323793	28.73 -1.46 3.83	28.65 -1.55 3.82	24.98 -1.21 2.04	24.41 -1.41 1.71	24.45 -1.28 0.31	20.95 -1.26 0.11	23.05 -1.29 0.09	21.78 -1.30 0.10	26.27 -1.59 0.18	27.11 -1.66 1.28	28.22 -2.17 2.97	28.80 -2.51 3.68	27.43 -2.33 2.08	27.63 -1.97 1.90	27.76 -2.02 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.30 -2.40 0.00	23.72 -2.17 0.07	20.24 -1.58 0.23	16.38 -1.21 4.41
NGRID_A4_DSASP 323807	28.70 -1.48 3.83	28.62 -1.57 3.82	24.97 -1.22 2.04	24.40 -1.42 1.71	24.44 -1.29 0.31	20.95 -1.26 0.11	23.04 -1.29 0.09	21.77 -1.31 0.10	26.27 -1.59 0.18	27.10 -1.66 1.28	28.21 -2.18 2.97	28.76 -2.54 3.68	27.41 -2.36 2.08	27.62 -1.99 1.90	27.75 -2.03 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.31 -2.40 0.00	23.72 -2.18 0.07	20.23 -1.59 0.23	16.37 -1.22 4.41
NIAGARA_115E_LBMP 323715	28.55 -1.65 3.82	28.45 -1.75 3.81	24.88 -1.31 2.03	24.33 -1.49 1.70	24.38 -1.34 0.31	20.89 -1.32 0.11	23.01 -1.33 0.09	21.71 -1.37 0.09	26.18 -1.68 0.18	27.01 -1.76 1.28	28.06 -2.34 2.96	28.74 -2.57 3.67	27.51 -2.25 2.07	27.75 -1.87 1.89	27.87 -1.90 0.04	27.39 -1.84 0.00	27.43 -2.10 0.00	25.83 -1.94 0.00	25.11 -2.10 -0.04	25.97 -2.24 0.00	25.44 -2.26 0.00	23.84 -2.06 0.07	20.34 -1.49 0.23	16.46 -1.13 4.41

NIAGARA_115W_LBMP 323714	28.66 -1.52 3.83	28.57 -1.62 3.83	24.92 -1.27 2.04	24.35 -1.46 1.71	24.40 -1.33 0.31	20.91 -1.30 0.11	23.00 -1.33 0.09	21.73 -1.34 0.10	26.21 -1.65 0.18	27.04 -1.72 1.28	28.15 -2.24 2.97	28.71 -2.59 3.68	27.34 -2.42 2.08	27.55 -2.06 1.90	27.68 -2.09 0.04	27.20 -2.03 0.00	27.22 -2.30 0.00	25.62 -2.14 0.00	24.91 -2.30 -0.04	25.76 -2.45 0.00	25.24 -2.46 0.00	23.66 -2.24 0.07	20.19 -1.64 0.23	16.37 -1.25 4.38
NIAGARA_230_LBMP 323716	28.88 -1.29 3.85	28.79 -1.38 3.85	25.10 -1.08 2.05	24.52 -1.29 1.71	24.57 -1.16 0.32	21.06 -1.15 0.11	23.17 -1.17 0.09	21.90 -1.17 0.10	26.43 -1.43 0.18	27.28 -1.48 1.29	28.39 -1.98 2.99	29.07 -2.22 3.70	27.72 -2.03 2.09	27.92 -1.68 1.91	28.07 -1.71 0.04	27.57 -1.65 0.00	27.62 -1.91 0.00	26.01 -1.76 0.00	25.29 -1.92 -0.04	26.16 -2.05 0.00	25.60 -2.10 0.00	24.01 -1.89 0.07	20.44 -1.40 0.22	16.68 -1.16 4.16
NIAGARA__115KV_198_GIBSON 55903	28.63 -1.56 3.83	28.55 -1.64 3.83	24.91 -1.28 2.04	24.34 -1.47 1.71	24.39 -1.34 0.31	20.91 -1.31 0.11	23.00 -1.34 0.09	21.73 -1.35 0.10	26.21 -1.65 0.18	27.04 -1.73 1.28	28.13 -2.25 2.97	28.68 -2.63 3.68	27.33 -2.43 2.08	27.54 -2.07 1.90	27.67 -2.11 0.04	27.20 -2.03 0.00	27.22 -2.30 0.00	25.62 -2.14 0.00	24.91 -2.30 -0.04	25.75 -2.45 0.00	25.24 -2.46 0.00	23.66 -2.24 0.07	20.19 -1.64 0.23	16.36 -1.26 4.38
NIAGARA____ 23760	28.60 -1.59 3.83	28.50 -1.70 3.82	24.92 -1.27 2.03	24.37 -1.45 1.71	24.41 -1.32 0.31	20.93 -1.29 0.11	23.04 -1.29 0.09	21.79 -1.28 0.10	26.29 -1.57 0.18	27.15 -1.62 1.29	28.24 -2.14 2.98	28.88 -2.42 3.69	27.57 -2.19 2.08	27.78 -1.83 1.90	27.91 -1.86 0.04	27.42 -1.81 0.00	27.47 -2.06 0.00	25.86 -1.90 0.00	25.14 -2.06 -0.04	26.00 -2.21 0.00	25.47 -2.23 0.00	23.88 -2.02 0.07	20.34 -1.50 0.23	16.59 -1.18 4.23
NINE_MILE_1 23575	19.35 -1.04 13.63	19.31 -1.10 13.60	20.05 -0.95 7.23	20.51 -0.94 6.07	24.03 -0.89 1.12	21.14 -0.79 0.39	23.27 -0.84 0.31	22.05 -0.79 0.33	26.43 -1.00 0.62	24.60 -1.05 4.40	22.01 -1.17 10.19	21.16 -1.21 12.62	23.62 -1.10 7.12	23.95 -1.05 6.50	28.67 -1.00 0.14	28.26 -0.97 0.00	28.55 -0.98 0.00	26.89 -0.87 0.00	26.30 -0.87 0.00	27.29 -0.91 0.00	26.79 -0.91 0.00	25.11 -0.86 0.00	21.34 -0.72 0.00	21.28 -0.72 0.00
NINE_MILE_2 23744	19.20 -1.04 13.77	19.17 -1.10 13.74	19.97 -0.95 7.31	20.45 -0.94 6.13	24.02 -0.89 1.13	21.14 -0.79 0.40	23.27 -0.84 0.31	22.05 -0.79 0.33	26.42 -1.00 0.62	24.56 -1.05 4.45	21.90 -1.17 10.29	21.03 -1.20 12.75	23.55 -1.09 7.20	23.89 -1.05 6.57	28.67 -0.99 0.15	28.26 -0.97 0.00	28.55 -0.98 0.00	26.89 -0.87 0.00	26.30 -0.87 0.00	27.29 -0.91 0.00	26.79 -0.91 0.00	25.11 -0.86 0.00	21.34 -0.72 0.00	21.28 -0.72 0.00
NM_CAPITAL____DRP 24208	31.94 0.69 2.77	32.03 0.78 2.76	27.94 0.72 1.00	27.22 0.93 1.23	26.70 0.89 0.23	27.38 0.74 -4.31	27.35 0.70 -2.23	26.20 0.59 -2.44	29.07 0.70 -0.33	30.59 0.73 0.19	32.10 0.88 2.14	33.33 1.00 2.66	31.48 0.93 1.29	30.96 0.83 1.37	30.73 0.80 -0.11	30.01 0.78 0.00	30.36 0.83 0.00	28.73 0.96 0.00	28.81 0.94 -0.70	28.98 0.78 0.00	28.47 0.77 0.00	26.67 0.70 0.00	22.74 0.67 0.00	22.66 0.67 0.00
NM_CENTRAL____DRP 24181	30.86 -0.26 2.91	30.77 -0.34 2.90	26.35 -0.33 1.54	25.87 -0.36 1.29	25.46 -0.34 0.24	21.93 -0.31 0.08	24.02 -0.34 0.07	22.78 -0.31 0.07	27.50 -0.40 0.14	28.67 -0.39 0.99	30.64 -0.43 2.30	31.68 -0.47 2.84	29.80 -0.44 1.60	29.68 -0.36 1.46	29.45 -0.34 0.03	28.90 -0.33 0.00	29.21 -0.33 0.00	27.55 -0.22 0.00	26.92 -0.25 0.00	27.93 -0.28 0.00	27.40 -0.30 0.00	25.68 -0.29 0.00	21.80 -0.27 0.00	21.73 -0.27 0.00
NM_FRONTIER____DRP 24179	28.63 -1.56 3.83	28.55 -1.64 3.83	24.91 -1.28 2.04	24.34 -1.47 1.71	24.39 -1.34 0.31	20.91 -1.31 0.11	23.00 -1.34 0.09	21.73 -1.35 0.10	26.21 -1.65 0.18	27.04 -1.73 1.28	28.13 -2.25 2.97	28.68 -2.63 3.68	27.33 -2.43 2.08	27.54 -2.07 1.90	27.67 -2.11 0.04	27.20 -2.03 0.00	27.22 -2.30 0.00	25.62 -2.14 0.00	24.91 -2.30 -0.04	25.75 -2.45 0.00	25.24 -2.46 0.00	23.66 -2.24 0.07	20.19 -1.64 0.23	16.36 -1.26 4.38
NM_ST_REGIS____HYD 24053	32.62 0.04 1.44	32.52 -0.06 1.43	27.30 -0.16 0.76	26.43 -0.46 0.64	25.33 -0.59 0.12	21.90 -0.39 0.04	24.16 -0.23 0.03	23.10 -0.05 0.03	28.09 0.10 0.05	29.82 0.14 0.38	32.59 0.10 0.87	33.89 -0.01 1.08	31.06 -0.17 0.61	30.72 -0.22 0.56	29.62 -0.18 0.01	29.10 -0.13 0.00	29.57 0.03 0.00	27.46 -0.30 0.00	27.00 -0.17 0.00	28.14 -0.08 0.00	27.61 -0.09 0.00	25.80 -0.17 0.00	21.77 -0.29 0.00	21.78 -0.22 0.00
NORTHPORT____1 23551	33.30 1.85 2.56	33.85 2.39 2.56	35.64 2.13 -5.29	34.13 2.17 -4.44	32.88 2.07 -4.77	47.29 1.81 -23.15	40.23 1.89 -13.92	33.13 1.87 -8.09	31.61 2.17 -1.40	48.42 2.19 -16.17	46.41 2.38 -10.67	36.01 2.55 1.53	36.89 2.39 -2.66	34.92 2.46 -0.95	35.89 2.37 -3.71	31.86 2.04 -0.60	31.29 1.76 0.00	29.25 1.49 0.00	28.90 1.44 -0.30	29.34 1.14 0.00	29.35 1.65 0.00	27.50 1.53 0.00	23.52 1.46 0.00	23.43 1.44 0.00
NORTHPORT____2 23552	33.30 1.85 2.56	33.85 2.39 2.56	35.64 2.13 -5.29	34.13 2.17 -4.44	32.88 2.07 -4.77	47.29 1.81 -23.15	40.23 1.89 -13.92	33.13 1.87 -8.09	31.61 2.17 -1.40	48.42 2.19 -16.17	46.41 2.38 -10.67	36.01 2.55 1.53	36.89 2.39 -2.66	34.92 2.46 -0.95	35.89 2.37 -3.71	31.86 2.04 -0.60	31.29 1.76 0.00	29.25 1.49 0.00	28.90 1.44 -0.30	29.34 1.14 0.00	29.35 1.65 0.00	27.50 1.53 0.00	23.52 1.46 0.00	23.43 1.44 0.00
NORTHPORT____3 23553	33.37 1.91 2.56	33.82 2.36 2.56	35.59 2.08 -5.29	34.07 2.12 -4.44	32.81 2.00 -4.77	47.21 1.74 -23.15	40.18 1.84 -13.92	33.07 1.81 -8.09	31.56 2.12 -1.40	48.35 2.13 -16.17	46.35 2.32 -10.67	35.94 2.49 1.53	36.83 2.33 -2.66	34.89 2.44 -0.95	35.86 2.33 -3.71	31.88 2.06 -0.60	31.26 1.74 0.00	29.28 1.51 0.00	28.91 1.44 -0.30	29.37 1.16 0.00	29.31 1.61 0.00	27.50 1.53 0.00	23.51 1.45 0.00	23.43 1.43 0.00
NORTHPORT____4 23650	33.37 1.91 2.56	33.82 2.36 2.56	35.59 2.08 -5.29	34.07 2.12 -4.44	32.81 2.00 -4.77	47.21 1.74 -23.15	40.18 1.84 -13.92	33.07 1.81 -8.09	31.56 2.12 -1.40	48.35 2.13 -16.17	46.35 2.32 -10.67	35.94 2.49 1.53	36.83 2.33 -2.66	34.89 2.44 -0.95	35.86 2.33 -3.71	31.88 2.06 -0.60	31.26 1.74 0.00	29.28 1.51 0.00	28.91 1.44 -0.30	29.37 1.16 0.00	29.31 1.61 0.00	27.50 1.53 0.00	23.51 1.45 0.00	23.43 1.43 0.00
NORTHPORT____IC 23718	33.30 1.85 2.56	33.85 2.39 2.56	35.64 2.13 -5.29	34.13 2.17 -4.44	32.88 2.07 -4.77	47.29 1.81 -23.15	40.23 1.89 -13.92	33.13 1.87 -8.09	31.61 2.17 -1.40	48.42 2.19 -16.17	46.41 2.38 -10.67	36.01 2.55 1.53	36.89 2.39 -2.66	34.92 2.46 -0.95	35.89 2.37 -3.71	31.86 2.04 -0.60	31.29 1.76 0.00	29.25 1.49 0.00	28.90 1.44 -0.30	29.34 1.14 0.00	29.35 1.65 0.00	27.50 1.53 0.00	23.52 1.46 0.00	23.43 1.44 0.00

NORTH____COUNTRY_ESR 323785	33.72 0.92 1.22	33.77 0.98 1.22	28.36 0.79 0.65	27.21 0.23 0.54	25.79 -0.15 0.10	22.06 -0.23 0.04	24.42 0.03 0.03	23.59 0.44 0.02	28.91 0.90 0.04	30.79 1.02 0.28	33.82 1.10 0.65	35.14 0.96 0.81	32.16 0.78 0.45	31.91 0.82 0.41	30.67 0.86 0.01	30.14 0.92 0.00	30.46 0.93 0.00	28.37 0.61 0.00	27.90 0.73 0.00	29.02 0.81 0.00	28.39 0.69 0.00	26.46 0.49 0.00	22.21 0.15 0.00	22.15 0.15 0.00
NPX_GEN_1385_PROXY 323591	32.50 1.04 2.56	33.01 1.55 2.56	35.03 1.52 -5.29	33.85 1.89 -4.44	32.70 1.90 -4.77	47.18 1.71 -23.15	40.18 1.84 -13.92	32.99 1.72 -8.09	31.27 1.83 -1.40	47.87 1.64 -16.17	46.25 2.22 -10.67	36.12 2.67 1.53	37.19 2.69 -2.66	34.63 2.17 -0.95	35.42 1.89 -3.71	31.09 1.26 -0.60	31.44 1.91 0.00	33.70 1.50 -4.43	29.17 1.71 -0.30	29.22 1.01 0.00	29.61 1.91 0.00	27.20 1.23 0.00	23.26 1.20 0.00	23.16 1.17 0.00
NPX_GEN_CSC 323557	33.77 2.32 2.56	34.30 2.84 2.56	35.83 2.32 -5.29	34.25 2.29 -4.44	32.96 2.16 -4.77	47.35 1.87 -23.15	40.31 1.97 -13.92	33.24 1.97 -8.09	31.77 2.33 -1.40	48.66 2.43 -16.17	46.77 2.74 -10.67	36.39 2.93 1.53	37.36 2.86 -2.66	35.33 2.87 -0.95	36.43 2.90 -3.71	32.39 2.57 -0.60	31.81 2.28 0.00	34.05 1.85 -4.43	29.18 1.72 -0.30	29.69 1.48 0.00	29.74 2.04 0.00	27.90 1.93 0.00	23.89 1.83 0.00	23.79 1.79 0.00
NSINS_S_GLNS_FALLS 23858	32.93 1.76 2.85	32.98 1.81 2.84	28.67 1.51 1.05	27.81 1.55 1.27	27.27 1.47 0.23	27.75 1.26 -4.17	27.84 1.27 -2.15	26.72 1.19 -2.36	29.88 1.53 -0.31	31.50 1.68 0.23	33.12 1.97 2.21	34.33 2.08 2.73	32.45 1.96 1.34	31.97 1.87 1.41	31.84 1.92 -0.11	31.20 1.97 0.00	31.59 2.06 0.00	29.94 2.17 0.00	30.28 2.15 -0.97	30.29 2.08 0.00	29.64 1.94 0.00	27.73 1.76 0.00	23.57 1.51 0.00	23.39 1.39 0.00
NUCOR_STEEL____DRP 24197	32.43 0.45 2.03	32.33 0.34 2.03	27.37 0.23 1.08	26.68 0.07 0.91	26.01 0.13 0.17	22.39 0.12 0.06	24.52 0.14 0.05	23.24 0.12 0.05	28.06 0.11 0.10	29.55 0.21 0.71	31.80 0.09 1.65	33.19 0.24 2.03	30.82 0.14 1.15	30.78 0.32 1.05	29.94 0.14 0.02	29.53 0.30 0.00	29.85 0.31 0.00	28.03 0.27 0.00	27.43 0.24 -0.03	28.58 0.37 0.00	28.02 0.32 0.00	26.31 0.34 0.00	22.26 0.20 0.00	22.18 0.18 0.00
NUMBER_THREE_WT_PWR 323818	31.91 0.43 2.54	31.19 -0.29 2.54	26.10 -0.78 1.35	25.17 -1.22 1.13	24.33 -1.50 0.21	21.99 -0.26 0.07	24.50 0.14 0.06	23.32 0.21 0.06	28.21 0.29 0.12	29.58 0.36 0.84	31.75 0.34 1.94	32.77 0.20 2.42	30.40 -0.07 1.37	29.79 -0.47 1.25	29.26 -0.53 0.03	28.75 -0.48 0.00	29.30 -0.23 0.00	27.68 -0.09 0.00	27.27 0.10 0.00	28.54 0.34 0.00	28.13 0.43 0.00	26.13 0.16 0.00	22.22 0.16 0.00	22.03 0.03 0.00
NYISO_LBMP_REFERENCE 24008	34.02 0.00 0.00	34.01 0.00 0.00	28.22 0.00 0.00	27.52 0.00 0.00	26.04 0.00 0.00	22.32 0.00 0.00	24.42 0.00 0.00	23.17 0.00 0.00	28.05 0.00 0.00	30.05 0.00 0.00	33.36 0.00 0.00	34.99 0.00 0.00	31.84 0.00 0.00	31.50 0.00 0.00	29.82 0.00 0.00	29.23 0.00 0.00	29.53 0.00 0.00	27.76 0.00 0.00	27.17 0.00 0.00	28.21 0.00 0.00	27.70 0.00 0.00	25.97 0.00 0.00	22.06 0.00 0.00	22.00 0.00 0.00
NYPA_BRENTWD____GT 24164	34.04 2.59 2.56	34.47 3.02 2.56	36.12 2.61 -5.29	34.57 2.61 -4.44	33.28 2.47 -4.77	47.62 2.14 -23.15	40.60 2.26 -13.92	33.50 2.24 -8.09	32.06 2.62 -1.40	48.92 2.70 -16.17	47.02 2.99 -10.67	36.65 3.20 1.53	37.51 3.01 -2.66	35.58 3.11 -0.95	36.55 3.02 -3.71	32.50 2.67 -0.60	31.98 2.45 0.00	29.80 2.04 0.00	29.41 1.95 -0.30	29.88 1.67 0.00	29.85 2.15 0.00	28.08 2.11 0.00	23.98 1.92 0.00	23.87 1.87 0.00
NYPA_GOWANUS____GT5 24156	33.44 1.98 2.56	33.54 2.08 2.56	30.45 1.78 -0.45	28.20 1.81 1.14	27.53 1.70 0.21	37.49 1.47 -13.70	33.09 1.55 -7.12	32.45 1.51 -7.77	31.26 1.81 -1.41	33.59 1.84 -1.70	33.50 2.13 1.99	34.79 2.27 2.47	33.42 2.23 0.65	32.44 2.21 1.27	32.37 2.11 -0.44	-65.34 1.96 96.52	-66.47 1.91 97.92	29.76 2.00 0.00	29.45 1.98 -0.30	44.69 1.88 -14.61	44.28 1.97 -14.61	27.93 1.95 -0.01	23.79 1.73 0.00	23.71 1.72 0.00
NYPA_GOWANUS____GT6 24157	33.44 1.98 2.56	33.54 2.08 2.56	30.45 1.78 -0.45	28.20 1.81 1.14	27.53 1.70 0.21	37.49 1.47 -13.70	33.09 1.55 -7.12	32.45 1.51 -7.77	31.26 1.81 -1.41	33.59 1.84 -1.70	33.50 2.13 1.99	34.79 2.27 2.47	33.42 2.23 0.65	32.44 2.21 1.27	32.37 2.11 -0.44	-65.34 1.96 96.52	-66.47 1.91 97.92	29.76 2.00 0.00	29.45 1.98 -0.30	44.69 1.88 -14.61	44.28 1.97 -14.61	27.93 1.95 -0.01	23.79 1.73 0.00	23.71 1.72 0.00
NYPA_HARLEM_RVR_GT1 24160	33.32 1.86 2.56	33.42 1.96 2.56	30.40 1.72 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.36 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.34 1.98 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.35 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.29 1.76 0.00	29.61 1.85 0.00	29.28 1.82 -0.30	29.93 1.72 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.61 1.61 0.00
NYPA_HARLEM_RVR_GT2 24161	33.32 1.86 2.56	33.42 1.96 2.56	30.40 1.72 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.36 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.34 1.98 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.35 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.29 1.76 0.00	29.61 1.85 0.00	29.28 1.82 -0.30	29.93 1.72 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.61 1.61 0.00
NYPA_KENT____GT 24152	33.43 1.97 2.56	33.53 2.07 2.56	30.45 1.77 -0.45	28.18 1.80 1.14	27.52 1.68 0.21	37.48 1.46 -13.70	33.07 1.53 -7.12	32.44 1.50 -7.77	31.26 1.81 -1.41	33.57 1.82 -1.70	33.45 2.08 1.99	34.76 2.24 2.46	33.39 2.20 0.65	32.63 2.19 1.07	33.16 2.09 -1.25	31.97 1.94 -0.80	31.39 1.86 0.00	29.72 1.96 0.00	29.40 1.93 -0.30	38.43 1.82 -8.40	38.39 1.94 -8.75	29.61 1.93 -1.71	23.77 1.71 0.00	23.69 1.69 0.00
NYPA_POUCH1____GT 24155	33.32 1.88 2.59	33.41 1.98 2.59	30.39 1.71 -0.45	28.14 1.76 1.14	27.48 1.65 0.21	37.44 1.42 -13.70	33.05 1.51 -7.12	32.41 1.47 -7.77	31.21 1.76 -1.41	33.50 1.75 -1.69	33.47 2.10 1.99	34.62 2.18 2.55	33.31 2.14 0.67	32.67 2.11 0.95	33.65 2.03 -1.81	31.84 1.85 -0.76	31.35 1.81 0.00	29.67 1.91 0.00	29.38 1.91 -0.30	44.19 1.81 -14.16	44.35 1.89 -14.75	30.78 1.88 -2.93	23.73 1.67 0.00	23.65 1.65 0.00
NYPA_VERNON____GT2 24162	33.40 1.94 2.56	33.50 2.04 2.56	30.42 1.74 -0.45	28.15 1.77 1.14	27.49 1.66 0.21	37.46 1.44 -13.70	33.04 1.50 -7.12	32.42 1.48 -7.77	31.23 1.78 -1.41	33.52 1.78 -1.70	33.37 2.00 1.99	34.70 2.18 2.46	33.35 2.16 0.65	32.43 2.15 1.22	32.49 2.04 -0.64	31.32 1.89 -0.21	31.36 1.83 0.00	29.69 1.93 0.00	29.36 1.90 -0.30	32.19 1.78 -2.21	31.89 1.89 -2.30	28.31 1.89 -0.45	23.74 1.68 0.00	23.65 1.65 0.00

NYPY_VERNON____GT3 24163	33.40 1.94 2.56	33.50 2.04 2.56	30.42 1.74 -0.45	28.15 1.77 1.14	27.49 1.66 0.21	37.46 1.44 -13.70	33.04 1.50 -7.12	32.42 1.48 -7.77	31.23 1.78 -1.41	33.52 1.78 -1.70	33.37 2.00 1.99	34.70 2.18 2.46	33.35 2.16 0.65	32.43 2.15 1.22	32.49 2.04 -0.64	31.32 1.89 -0.21	31.36 1.83 0.00	29.69 1.93 0.00	29.36 1.90 -0.30	32.19 1.78 -2.21	31.89 1.89 -2.30	28.31 1.89 -0.45	23.74 1.68 0.00	23.65 1.65 0.00
NYPY____ASTORIA_CC1 323568	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.73 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
NYPY____ASTORIA_CC2 323569	33.33 1.88 2.56	33.43 1.98 2.56	30.36 1.69 -0.45	28.10 1.72 1.14	27.44 1.61 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.37 1.44 -7.77	31.17 1.73 -1.41	33.47 1.72 -1.70	33.32 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.34 2.10 1.27	32.23 1.99 -0.42	31.07 1.84 0.00	31.31 1.78 0.00	29.65 1.89 0.00	29.33 1.86 -0.30	29.95 1.74 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.61 1.61 0.00
NYPY____HOLTSVILL 23794	33.75 2.29 2.56	34.21 2.76 2.56	35.85 2.33 -5.29	34.29 2.33 -4.44	33.01 2.21 -4.77	47.39 1.91 -23.15	40.35 2.01 -13.92	33.27 2.01 -8.09	31.80 2.36 -1.40	48.64 2.41 -16.17	46.73 2.70 -10.67	36.34 2.89 1.53	37.28 2.78 -2.66	35.29 2.83 -0.95	36.32 2.80 -3.71	32.26 2.44 -0.60	31.72 2.19 0.00	29.60 1.83 0.00	29.19 1.72 -0.30	29.64 1.43 0.00	29.64 1.94 0.00	27.83 1.86 0.00	23.79 1.73 0.00	23.71 1.71 0.00
NYPY____HELLGATE_GT1 24158	33.32 1.86 2.56	33.42 1.96 2.56	30.40 1.72 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.36 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.34 1.98 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.35 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.29 1.76 0.00	29.61 1.85 0.00	29.28 1.82 -0.30	29.93 1.72 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.61 1.61 0.00
NYPY____HELLGATE_GT2 24159	33.32 1.86 2.56	33.42 1.96 2.56	30.40 1.72 -0.45	28.12 1.74 1.14	27.45 1.62 0.21	37.44 1.42 -13.70	33.02 1.48 -7.12	32.36 1.42 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.34 1.98 1.99	34.70 2.18 2.46	33.34 2.15 0.65	32.35 2.11 1.27	32.26 2.02 -0.42	31.06 1.83 0.00	31.29 1.76 0.00	29.61 1.85 0.00	29.28 1.82 -0.30	29.93 1.72 0.00	29.55 1.85 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.61 1.61 0.00
NYS_BARGE____HYD 23848	29.15 -1.03 3.83	29.04 -1.15 3.83	25.33 -0.86 2.04	24.75 -1.07 1.71	24.78 -0.95 0.31	21.24 -0.98 0.11	23.38 -0.96 0.09	22.09 -0.98 0.10	26.67 -1.20 0.18	27.55 -1.22 1.28	28.68 -1.70 2.97	29.40 -1.90 3.68	28.10 -1.65 2.08	28.33 -1.28 1.90	28.46 -1.31 0.04	27.97 -1.26 0.00	28.04 -1.49 0.00	26.42 -1.35 0.00	25.69 -1.51 -0.04	26.58 -1.63 0.00	26.01 -1.69 0.00	24.39 -1.52 0.06	20.76 -1.08 0.22	17.14 -0.79 4.07
OAK ORCHARD____HYD 24046	29.81 -0.27 3.94	29.71 -0.38 3.93	25.81 -0.33 2.09	25.29 -0.47 1.75	25.28 -0.44 0.32	21.74 -0.47 0.11	23.87 -0.46 0.09	22.63 -0.44 0.10	27.34 -0.52 0.18	28.29 -0.44 1.32	29.67 -0.64 3.05	30.49 -0.72 3.78	29.06 -0.65 2.13	29.12 -0.44 1.94	29.28 -0.49 0.04	28.82 -0.41 0.00	29.05 -0.48 0.00	27.42 -0.35 0.00	26.79 -0.41 -0.03	27.71 -0.50 0.00	27.12 -0.58 0.00	25.44 -0.54 0.00	21.66 -0.40 0.00	21.65 -0.34 0.00
OAKDALE____35_KV_LOAD 356122	31.29 0.21 2.93	31.24 0.16 2.93	26.71 0.04 1.56	26.25 0.04 1.31	25.85 0.05 0.24	22.27 0.03 0.08	24.33 -0.03 0.07	23.13 0.03 0.07	27.93 0.02 0.14	29.07 0.01 1.00	31.07 0.01 2.30	32.18 0.04 2.85	30.34 0.11 1.61	30.25 0.21 1.47	30.01 0.23 0.03	29.46 0.23 0.00	29.73 0.20 0.00	28.06 0.29 0.00	27.42 0.17 -0.08	28.36 0.14 0.00	27.82 0.12 0.00	26.14 0.16 0.00	22.17 0.11 0.00	22.16 0.16 0.00
OCC_CHEM____DRP 24175	28.70 -1.48 3.83	28.62 -1.57 3.82	24.97 -1.22 2.04	24.40 -1.42 1.71	24.44 -1.29 0.31	20.95 -1.26 0.11	23.04 -1.29 0.09	21.77 -1.31 0.10	26.27 -1.59 0.18	27.10 -1.66 1.28	28.21 -2.18 2.97	28.76 -2.54 3.68	27.41 -2.36 2.08	27.62 -1.99 1.90	27.75 -2.03 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.31 -2.40 0.00	23.72 -2.18 0.07	20.23 -1.59 0.23	16.37 -1.22 4.41
OH_GEN_PROXY 24063	28.89 -1.27 3.85	28.81 -1.36 3.84	25.11 -1.07 2.05	24.53 -1.27 1.71	24.57 -1.15 0.32	21.08 -1.13 0.11	23.18 -1.15 0.09	21.94 -1.14 0.10	26.47 -1.39 0.18	27.34 -1.42 1.29	28.46 -1.91 2.99	29.15 -2.13 3.70	27.80 -1.95 2.09	27.99 -1.61 1.91	28.13 -1.64 0.04	27.64 -1.59 0.00	27.70 -1.84 0.00	30.51 -1.68 -4.43	25.36 -1.85 -0.04	26.22 -1.99 0.00	25.67 -2.03 0.00	24.08 -1.83 0.06	20.50 -1.36 0.20	17.10 -1.12 3.78
OLIN_CORP_DRP 24177	28.61 -1.60 3.81	28.51 -1.70 3.81	24.93 -1.27 2.03	24.38 -1.44 1.70	24.42 -1.31 0.31	20.93 -1.28 0.11	23.04 -1.29 0.09	21.76 -1.32 0.09	26.25 -1.61 0.18	27.06 -1.71 1.28	28.13 -2.27 2.96	28.80 -2.52 3.66	27.57 -2.20 2.07	27.80 -1.82 1.89	27.92 -1.86 0.04	27.45 -1.78 0.00	27.49 -2.04 0.00	25.88 -1.88 0.00	25.16 -2.05 -0.04	26.02 -2.19 0.00	25.49 -2.21 0.00	23.90 -2.00 0.07	20.36 -1.46 0.24	16.39 -1.13 4.48
OLIN_CORP_DSASP 323712	28.73 -1.46 3.83	28.65 -1.55 3.82	24.98 -1.21 2.04	24.41 -1.41 1.71	24.45 -1.28 0.31	20.95 -1.26 0.11	23.05 -1.29 0.09	21.78 -1.30 0.10	26.27 -1.59 0.18	27.11 -1.66 1.28	28.22 -2.17 2.97	28.80 -2.51 3.68	27.43 -2.33 2.08	27.63 -1.97 1.90	27.76 -2.02 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.30 -2.40 0.00	23.72 -2.17 0.07	20.24 -1.58 0.23	16.38 -1.21 4.41
ONEIDA_HERK_LFGE 323681	30.86 0.74 3.89	30.59 0.46 3.88	26.36 0.21 2.07	25.89 0.10 1.73	25.74 0.02 0.32	22.50 0.29 0.11	24.75 0.41 0.09	23.50 0.43 0.10	28.38 0.52 0.18	29.33 0.60 1.32	30.94 0.65 3.06	31.83 0.66 3.81	30.21 0.53 2.15	29.95 0.41 1.97	30.25 0.48 0.04	29.68 0.45 0.00	30.15 0.62 0.00	28.45 0.68 0.00	27.89 0.72 0.00	29.04 0.83 0.00	28.53 0.83 0.00	26.65 0.68 0.00	22.61 0.55 0.00	22.47 0.48 0.00
ONEIDA____115KV_TB4 55905	31.23 0.88 3.67	31.06 0.71 3.66	26.76 0.49 1.95	26.33 0.45 1.63	26.17 0.43 0.30	22.65 0.43 0.11	24.83 0.49 0.08	23.57 0.50 0.09	28.46 0.59 0.18	29.44 0.64 1.25	31.16 0.69 2.90	32.33 0.92 3.58	30.58 0.77 2.02	30.47 0.80 1.84	30.67 0.89 0.04	30.09 0.87 0.00	30.37 0.84 0.00	28.68 0.92 0.00	28.05 0.88 0.00	29.19 0.98 0.00	28.68 0.98 0.00	26.83 0.86 0.00	22.73 0.67 0.00	22.60 0.61 0.00

ONONDAGA_REF_OCCRA 23987	31.35 -0.01 2.66	31.27 -0.09 2.65	26.68 -0.14 1.41	26.18 -0.16 1.18	25.66 -0.16 0.22	22.09 -0.16 0.08	24.19 -0.17 0.06	22.95 -0.15 0.07	27.71 -0.21 0.13	28.96 -0.18 0.91	31.07 -0.18 2.11	32.19 -0.19 2.61	30.19 -0.18 1.47	30.05 -0.11 1.35	29.69 -0.09 0.03	29.15 -0.07 0.00	29.46 -0.07 0.00	27.79 0.03 0.00	27.15 -0.02 0.00	28.19 -0.02 0.00	27.66 -0.04 0.00	25.92 -0.05 0.00	21.99 -0.08 0.00	21.91 -0.08 0.00
ONONDAGA___COGEN 23986	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
ONTARIO___LFGE 23819	31.18 0.38 3.22	31.02 0.22 3.22	26.65 0.13 1.71	26.11 0.03 1.43	25.82 0.05 0.26	22.22 -0.01 0.09	24.33 -0.02 0.07	23.14 0.05 0.08	27.92 0.03 0.15	29.07 0.11 1.09	30.94 0.10 2.52	31.90 0.03 3.12	30.21 0.14 1.76	30.15 0.25 1.61	29.93 0.15 0.04	29.45 0.22 0.00	29.66 0.13 0.00	28.09 0.33 0.00	27.46 0.25 -0.03	28.49 0.28 0.00	27.93 0.22 0.00	26.33 0.32 -0.05	22.35 0.13 -0.15	24.99 0.09 -2.91
ORANGEVILLE_WT_PWR 323706	29.96 -0.45 3.60	29.70 -0.72 3.60	25.83 -0.48 1.91	25.27 -0.64 1.60	25.20 -0.55 0.30	21.61 -0.61 0.10	23.66 -0.68 0.08	22.43 -0.65 0.09	27.10 -0.78 0.17	28.02 -0.81 1.21	29.44 -1.12 2.80	30.23 -1.29 3.47	28.83 -1.05 1.96	28.97 -0.74 1.79	29.04 -0.73 0.04	28.51 -0.72 0.00	28.65 -0.88 0.00	26.99 -0.78 0.00	26.14 -1.08 -0.05	27.11 -1.10 0.00	26.52 -1.18 0.00	24.58 -1.09 0.30	20.09 -0.97 1.00	2.44 -0.91 18.64
ORANGEVILLE___ESR 323794	29.96 -0.45 3.60	29.70 -0.72 3.60	25.83 -0.48 1.91	25.27 -0.64 1.60	25.20 -0.55 0.30	21.61 -0.61 0.10	23.66 -0.68 0.08	22.43 -0.65 0.09	27.10 -0.78 0.17	28.02 -0.81 1.21	29.44 -1.12 2.80	30.23 -1.29 3.47	28.83 -1.05 1.96	28.97 -0.74 1.79	29.04 -0.73 0.04	28.51 -0.72 0.00	28.65 -0.88 0.00	26.99 -0.78 0.00	26.14 -1.08 -0.05	27.11 -1.10 0.00	26.52 -1.18 0.00	24.58 -1.09 0.30	20.09 -0.97 1.00	2.44 -0.91 18.64
OSWEGATCHIE___HYD 24044	32.01 -0.16 1.85	31.60 -0.56 1.85	26.46 -0.78 0.98	25.61 -1.09 0.82	24.64 -1.25 0.15	21.76 -0.51 0.05	24.10 -0.28 0.04	22.95 -0.17 0.04	27.82 -0.14 0.08	29.38 -0.10 0.56	31.88 -0.18 1.30	33.07 -0.30 1.62	30.42 -0.50 0.91	29.92 -0.76 0.83	29.04 -0.75 0.02	28.54 -0.69 0.00	29.05 -0.48 0.00	27.20 -0.56 0.00	26.79 -0.38 0.00	27.99 -0.22 0.00	27.55 -0.16 0.00	25.67 -0.30 0.00	21.76 -0.30 0.00	21.66 -0.33 0.00
OSWEGO___5 23606	37.12 -0.76 -3.87	37.05 -0.82 -3.86	29.55 -0.72 -2.05	28.52 -0.72 -1.72	25.68 -0.68 -0.32	21.83 -0.61 -0.11	23.87 -0.64 -0.09	22.65 -0.61 -0.09	27.44 -0.77 -0.16	30.43 -0.79 -1.17	35.19 -0.89 -2.71	37.43 -0.92 -3.36	32.90 -0.83 -1.90	32.46 -0.78 -1.73	29.10 -0.75 -0.04	28.51 -0.71 0.00	28.80 -0.73 0.00	27.13 -0.63 0.00	26.53 -0.64 0.00	27.53 -0.68 0.00	27.02 -0.68 0.00	25.34 -0.64 0.00	21.52 -0.54 0.00	21.46 -0.54 0.00
OSWEGO___6 23613	37.12 -0.76 -3.87	37.05 -0.82 -3.86	29.55 -0.72 -2.05	28.52 -0.72 -1.72	25.68 -0.68 -0.32	21.83 -0.61 -0.11	23.87 -0.64 -0.09	22.65 -0.61 -0.09	27.44 -0.77 -0.16	30.43 -0.79 -1.17	35.19 -0.89 -2.71	37.43 -0.92 -3.36	32.90 -0.83 -1.90	32.46 -0.78 -1.73	29.10 -0.75 -0.04	28.51 -0.71 0.00	28.80 -0.73 0.00	27.13 -0.63 0.00	26.53 -0.64 0.00	27.53 -0.68 0.00	27.02 -0.68 0.00	25.34 -0.64 0.00	21.52 -0.54 0.00	21.46 -0.54 0.00
OUTOKUMPU-AB___DRP 24206	29.53 -0.68 3.80	29.40 -0.82 3.80	25.59 -0.62 2.02	24.99 -0.84 1.69	25.00 -0.73 0.31	21.44 -0.78 0.11	23.58 -0.76 0.09	22.30 -0.78 0.09	26.93 -0.93 0.18	27.83 -0.94 1.28	29.05 -1.36 2.95	29.75 -1.58 3.66	28.38 -1.39 2.06	28.61 -1.01 1.88	28.72 -1.05 0.04	28.25 -0.98 0.00	28.32 -1.22 0.00	26.67 -1.09 0.00	25.91 -1.30 -0.04	26.78 -1.43 0.00	26.21 -1.49 0.00	24.56 -1.33 0.08	20.87 -0.94 0.25	16.64 -0.65 4.71
OXBOW___ 24026	29.25 -0.95 3.82	29.13 -1.08 3.81	25.37 -0.83 2.03	24.78 -1.04 1.70	24.79 -0.93 0.31	21.26 -0.96 0.11	23.39 -0.95 0.09	22.11 -0.97 0.09	26.68 -1.18 0.18	27.56 -1.21 1.28	28.74 -1.65 2.96	29.40 -1.91 3.67	28.03 -1.74 2.07	28.25 -1.37 1.89	28.37 -1.41 0.04	27.88 -1.35 0.00	27.93 -1.60 0.00	26.30 -1.47 0.00	25.55 -1.65 -0.04	26.41 -1.79 0.00	25.86 -1.84 0.00	24.24 -1.66 0.07	20.63 -1.18 0.24	16.58 -0.85 4.56
OXY_CHEM_DSASP 323612	28.70 -1.48 3.83	28.62 -1.57 3.82	24.97 -1.22 2.04	24.40 -1.42 1.71	24.44 -1.29 0.31	20.95 -1.26 0.11	23.04 -1.29 0.09	21.77 -1.31 0.10	26.27 -1.59 0.18	27.10 -1.66 1.28	28.21 -2.18 2.97	28.76 -2.54 3.68	27.41 -2.36 2.08	27.62 -1.99 1.90	27.75 -2.03 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.31 -2.40 0.00	23.72 -2.18 0.07	20.23 -1.59 0.23	16.37 -1.22 4.41
OZONE_PARK_ESR 323760	33.91 2.45 2.56	33.97 2.52 2.56	30.79 2.11 -0.45	28.51 2.13 1.14	27.83 2.00 0.21	37.74 1.71 -13.70	33.33 1.80 -7.12	32.71 1.77 -7.77	31.60 2.15 -1.41	33.92 2.18 -1.70	33.84 2.46 1.99	35.23 2.71 2.46	33.85 2.66 0.65	32.87 2.63 1.27	32.77 2.52 -0.42	31.59 2.36 0.00	31.86 2.33 0.00	30.15 2.38 0.00	29.80 2.34 -0.30	30.43 2.22 0.00	30.01 2.31 0.00	28.24 2.27 0.00	24.05 1.99 0.00	23.96 1.96 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	28.70 -1.48 3.83	28.62 -1.57 3.82	24.97 -1.22 2.04	24.40 -1.42 1.71	24.44 -1.29 0.31	20.95 -1.26 0.11	23.04 -1.29 0.09	21.77 -1.31 0.10	26.27 -1.59 0.18	27.10 -1.66 1.28	28.21 -2.18 2.97	28.76 -2.54 3.68	27.41 -2.36 2.08	27.62 -1.99 1.90	27.75 -2.03 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.31 -2.40 0.00	23.72 -2.18 0.07	20.23 -1.59 0.23	16.37 -1.22 4.41
PACKARD___115KV_DUPONT_184 80571	28.70 -1.48 3.83	28.62 -1.57 3.82	24.97 -1.22 2.04	24.40 -1.42 1.71	24.44 -1.29 0.31	20.95 -1.26 0.11	23.04 -1.29 0.09	21.77 -1.31 0.10	26.27 -1.59 0.18	27.10 -1.66 1.28	28.21 -2.18 2.97	28.76 -2.54 3.68	27.41 -2.36 2.08	27.62 -1.99 1.90	27.75 -2.03 0.04	27.28 -1.95 0.00	27.30 -2.23 0.00	25.70 -2.07 0.00	24.98 -2.23 -0.04	25.83 -2.38 0.00	25.31 -2.40 0.00	23.72 -2.18 0.07	20.23 -1.59 0.23	16.37 -1.22 4.41
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	33.31 1.85 2.56	33.42 1.96 2.56	30.38 1.71 -0.45	28.12 1.73 1.14	27.46 1.63 0.21	37.45 1.42 -13.70	33.04 1.50 -7.12	32.37 1.43 -7.77	31.15 1.70 -1.41	33.47 1.73 -1.70	33.36 1.99 1.99	34.73 2.21 2.46	33.35 2.16 0.65	32.37 2.13 1.27	32.27 2.03 -0.42	31.09 1.86 0.00	31.34 1.80 0.00	29.65 1.88 0.00	29.30 1.83 -0.30	29.94 1.73 0.00	29.54 1.84 0.00	27.81 1.84 0.00	23.66 1.60 0.00	23.57 1.57 0.00

PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	33.74 2.28 2.56	33.86 2.40 2.56	30.77 2.09 -0.45	28.48 2.10 1.14	27.78 1.95 0.21	37.72 1.70 -13.70	33.33 1.79 -7.12	32.65 1.71 -7.77	31.47 2.02 -1.41	33.80 2.06 -1.70	33.75 2.38 1.99	35.13 2.61 2.46	33.72 2.53 0.65	32.68 2.45 1.27	32.58 2.34 -0.42	31.39 2.16 0.00	31.63 2.10 0.00	29.92 2.15 0.00	29.54 2.08 -0.30	30.19 1.99 0.00	29.81 2.10 0.00	28.06 2.09 0.00	23.86 1.80 0.00	23.77 1.78 0.00
PATROON__115KV_TB1 80586	32.01 0.77 2.78	32.09 0.84 2.77	27.97 0.76 1.01	27.24 0.96 1.24	26.73 0.91 0.23	27.34 0.77 -4.24	27.34 0.73 -2.19	26.19 0.62 -2.40	29.10 0.73 -0.32	30.63 0.78 0.20	32.18 0.97 2.15	33.39 1.07 2.67	31.55 1.01 1.30	31.05 0.92 1.38	30.82 0.90 -0.11	30.13 0.90 0.00	30.48 0.95 0.00	28.84 1.07 0.00	28.94 1.03 -0.74	29.08 0.87 0.00	28.55 0.85 0.00	26.75 0.78 0.00	22.78 0.72 0.00	22.70 0.70 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	29.85 -0.45 3.72	29.71 -0.60 3.71	25.77 -0.48 1.97	25.14 -0.73 1.65	25.12 -0.61 0.31	21.59 -0.63 0.11	23.74 -0.60 0.08	22.53 -0.55 0.09	27.22 -0.65 0.17	28.15 -0.65 1.25	29.43 -1.05 2.89	30.23 -1.18 3.57	28.83 -0.99 2.02	29.03 -0.63 1.84	29.20 -0.58 0.04	28.73 -0.50 0.00	28.84 -0.69 0.00	27.18 -0.58 0.00	26.37 -0.84 -0.04	27.26 -0.95 0.00	26.66 -1.04 0.00	25.00 -0.89 0.08	21.17 -0.63 0.26	16.71 -0.40 4.89
PAWLING_115_KV_BK3_REV_LBMP_H 345028	33.54 2.09 2.57	33.61 2.16 2.57	29.36 1.80 0.66	28.21 1.84 1.14	27.56 1.73 0.21	31.35 1.50 -7.53	29.90 1.57 -3.90	28.96 1.52 -4.27	30.48 1.82 -0.62	32.22 1.90 -0.27	33.58 2.21 2.00	34.97 2.45 2.47	33.10 2.35 1.08	32.53 2.30 1.27	32.23 2.19 -0.22	31.32 2.09 0.00	31.62 2.09 0.00	29.89 2.13 0.00	29.56 2.09 -0.30	30.19 1.98 0.00	29.74 2.04 0.00	27.92 1.96 0.00	23.77 1.71 0.00	23.67 1.67 0.00
PEEKSKILL____ 23653	33.07 1.60 2.55	33.17 1.70 2.55	30.38 1.41 -0.75	27.84 1.46 1.14	27.21 1.37 0.21	38.08 1.20 -14.56	33.25 1.27 -7.56	32.67 1.24 -8.26	36.18 1.49 -6.64	48.06 1.49 -16.52	33.11 1.73 1.98	34.47 1.94 2.45	38.40 1.90 -4.67	32.09 1.85 1.26	32.05 1.78 -0.45	30.89 1.66 0.00	31.18 1.66 0.00	29.48 1.71 0.00	29.14 1.67 -0.29	29.75 1.54 0.00	29.33 1.62 0.00	27.56 1.59 0.00	23.47 1.41 0.00	23.40 1.40 0.00
PGE MADISON__WINDPWR 24146	33.69 2.53 2.86	33.59 2.43 2.85	28.36 1.66 1.52	28.00 1.75 1.27	27.55 1.74 0.23	23.78 1.54 0.08	26.09 1.73 0.07	24.84 1.74 0.07	30.03 2.12 0.14	31.32 2.24 0.97	33.57 2.46 2.25	34.98 2.78 2.78	32.93 2.67 1.57	32.72 2.65 1.44	32.10 2.32 0.03	31.55 2.33 0.00	31.90 2.37 0.00	30.36 2.59 0.00	29.73 2.48 -0.08	31.00 2.79 0.00	30.50 2.80 0.00	28.58 2.59 -0.02	24.12 2.01 -0.05	24.86 1.91 -0.96
PIERCEFIELD__HYD 23852	32.21 -0.34 1.48	32.07 -0.47 1.47	26.93 -0.51 0.78	26.13 -0.73 0.66	25.11 -0.81 0.12	21.76 -0.52 0.04	23.99 -0.40 0.03	22.86 -0.28 0.03	27.75 -0.24 0.06	29.43 -0.22 0.39	32.14 -0.31 0.91	33.44 -0.42 1.13	30.63 -0.57 0.64	30.27 -0.65 0.58	29.20 -0.61 0.01	28.68 -0.54 0.00	29.19 -0.34 0.00	27.09 -0.67 0.00	26.63 -0.54 0.00	27.76 -0.44 0.00	27.27 -0.43 0.00	25.50 -0.47 0.00	21.54 -0.52 0.00	21.57 -0.43 0.00
PINELAWN_CC_1 323563	33.96 2.50 2.56	34.35 2.89 2.56	35.98 2.47 -5.29	34.42 2.47 -4.44	33.13 2.33 -4.77	47.49 2.01 -23.15	40.47 2.14 -13.92	33.36 2.10 -8.09	31.89 2.46 -1.40	48.78 2.56 -16.17	46.84 2.81 -10.67	36.46 3.00 1.53	37.34 2.83 -2.66	35.23 2.77 -0.95	36.07 2.55 -3.71	32.04 2.21 -0.60	31.57 2.04 0.00	29.50 1.73 0.00	29.12 1.65 -0.30	29.70 1.49 0.00	29.67 1.97 0.00	28.06 2.09 0.00	23.95 1.89 0.00	23.84 1.84 0.00
PJM_GEN_HTP_PROXY 323702	33.31 1.85 2.56	33.42 1.96 2.56	30.33 1.65 -0.45	28.07 1.69 1.14	27.42 1.59 0.21	37.40 1.38 -13.70	31.55 1.43 -5.70	32.36 1.42 -7.77	31.16 1.71 -1.41	33.45 1.70 -1.70	33.32 1.95 1.99	34.69 2.17 2.46	33.34 2.15 0.65	32.21 2.11 1.41	32.28 2.04 -0.42	31.12 1.89 0.00	31.38 1.85 0.00	29.69 1.93 0.00	29.34 1.87 -0.30	29.95 1.74 0.00	29.53 1.83 0.00	27.78 1.81 0.00	23.67 1.61 0.00	23.60 1.60 0.00
PJM_GEN_KEystone 24065	31.33 0.31 3.00	31.33 0.33 3.01	24.35 0.21 4.09	20.90 0.14 6.75	22.87 0.16 3.33	9.77 0.12 12.68	16.75 0.14 7.81	16.41 0.21 6.96	27.04 0.24 1.24	27.69 0.21 2.57	31.23 0.19 2.33	32.33 0.22 2.88	30.12 0.32 2.03	30.32 0.43 1.62	29.80 0.41 0.43	29.61 0.38 0.00	29.85 0.32 0.00	28.17 0.40 0.00	27.61 0.27 -0.18	28.36 0.15 0.00	27.86 0.16 0.00	26.35 0.24 -0.13	22.12 0.25 0.19	21.41 0.39 0.97
PJM_GEN_NEPTUNE_PROXY 323594	33.38 1.92 2.56	33.76 2.30 2.56	35.48 1.96 -5.29	33.95 1.99 -4.44	32.69 1.88 -4.77	47.11 1.64 -23.15	38.63 1.71 -12.50	32.94 1.68 -8.09	31.40 1.96 -1.40	48.24 2.02 -16.17	46.25 2.22 -10.67	35.86 2.41 1.53	36.84 2.34 -2.66	34.71 2.39 -0.81	35.79 2.27 -3.71	31.83 2.01 -0.60	31.39 1.86 0.00	29.47 1.71 0.00	29.11 1.64 -0.30	29.63 1.42 0.00	29.48 1.78 0.00	27.69 1.72 0.00	23.64 1.58 0.00	23.54 1.55 0.00
PJM_GEN_VFT_PROXY 323633	33.05 1.71 2.68	32.81 1.78 2.99	30.23 1.55 -0.45	27.98 1.60 1.14	27.32 1.49 0.21	37.32 1.29 -13.70	31.45 1.33 -5.70	32.29 1.35 -7.77	31.08 1.64 -1.41	33.31 1.57 -1.70	33.18 1.81 1.99	34.57 2.05 2.46	33.25 2.06 0.65	32.12 2.02 1.41	32.17 1.94 -0.42	31.02 1.79 0.00	31.28 1.75 0.00	29.59 1.83 0.00	29.28 1.81 -0.30	29.89 1.68 0.00	29.46 1.76 0.00	27.72 1.75 0.00	23.58 1.52 0.00	23.49 1.50 0.00
PLATSBURG_115KV_PMLD1 355749	34.23 1.41 1.20	34.33 1.52 1.20	28.83 1.24 0.63	27.63 0.65 0.53	26.17 0.23 0.10	22.34 0.05 0.03	24.69 0.29 0.03	23.85 0.70 0.02	29.28 1.28 0.04	31.22 1.44 0.27	34.31 1.58 0.62	35.61 1.40 0.78	32.57 1.18 0.44	32.34 1.23 0.40	31.08 1.27 0.01	30.61 1.39 0.00	30.90 1.37 0.00	28.78 1.02 0.00	28.36 1.19 0.00	29.46 1.25 0.00	28.82 1.12 0.00	26.86 0.89 0.00	22.55 0.49 0.00	22.48 0.48 0.00
PLEASANTVLY__LBMP 24000	32.79 1.37 2.60	32.91 1.49 2.59	28.98 1.27 0.51	27.70 1.34 1.16	27.10 1.27 0.21	32.86 1.10 -9.44	30.45 1.14 -4.90	29.61 1.09 -5.35	30.16 1.31 -0.81	31.92 1.32 -0.54	32.88 1.54 2.02	34.21 1.72 2.50	32.47 1.66 1.02	31.83 1.61 1.29	31.63 1.53 -0.28	30.67 1.44 0.00	30.96 1.43 0.00	29.27 1.51 0.00	28.96 1.48 -0.31	29.55 1.34 0.00	29.10 1.40 0.00	27.34 1.36 0.00	23.30 1.24 0.00	23.24 1.24 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	33.20 1.75 2.57	33.31 1.86 2.56	29.85 1.56 -0.07	27.99 1.61 1.14	27.34 1.51 0.21	36.19 1.31 -12.56	32.32 1.37 -6.52	31.63 1.34 -7.12	30.86 1.62 -1.19	32.94 1.65 -1.24	33.26 1.89 1.99	34.62 2.11 2.47	33.07 2.04 0.80	32.23 2.00 1.27	32.11 1.91 -0.39	31.02 1.79 0.00	31.31 1.78 0.00	29.59 1.83 0.00	29.24 1.78 -0.30	29.85 1.64 0.00	29.43 1.73 0.00	27.65 1.68 0.00	23.56 1.50 0.00	23.49 1.49 0.00

PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	33.20 1.75 2.57	33.31 1.86 2.56	29.85 1.56 -0.07	27.99 1.61 1.14	27.34 1.51 0.21	36.19 1.31 -12.56	32.32 1.37 -6.52	31.63 1.34 -7.12	30.86 1.62 -1.19	32.94 1.65 -1.24	33.26 1.89 1.99	34.62 2.11 2.47	33.07 2.04 0.80	32.23 2.00 1.27	32.11 1.91 -0.39	31.02 1.79 0.00	31.31 1.78 0.00	29.59 1.83 0.00	29.24 1.78 -0.30	29.85 1.64 0.00	29.43 1.73 0.00	27.65 1.68 0.00	23.56 1.50 0.00	23.49 1.49 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	33.21 1.78 2.58	33.30 1.86 2.57	28.87 1.56 0.91	27.98 1.60 1.15	27.35 1.52 0.21	28.91 1.31 -5.27	28.52 1.37 -2.73	27.46 1.31 -2.98	30.02 1.58 -0.39	31.59 1.65 0.11	33.29 1.94 2.00	34.68 2.18 2.48	32.72 2.08 1.20	32.26 2.04 1.28	31.90 1.94 -0.15	31.08 1.86 0.00	31.38 1.85 0.00	29.68 1.91 0.00	29.32 1.84 -0.31	29.94 1.74 0.00	29.48 1.78 0.00	27.68 1.71 0.00	23.56 1.50 0.00	23.47 1.47 0.00
POLETTI____ 23519	33.31 1.85 2.56	33.40 1.95 2.56	30.32 1.65 -0.45	28.07 1.69 1.14	27.42 1.59 0.21	37.39 1.37 -13.70	32.95 1.42 -7.12	32.36 1.42 -7.77	31.16 1.71 -1.41	33.43 1.69 -1.70	33.30 1.92 1.99	34.67 2.15 2.46	33.32 2.13 0.65	32.33 2.10 1.27	32.25 2.01 -0.42	31.08 1.86 0.00	31.35 1.82 0.00	29.66 1.90 0.00	29.33 1.87 -0.30	29.95 1.74 0.00	29.54 1.84 0.00	27.79 1.82 0.00	23.67 1.61 0.00	23.60 1.60 0.00
POMONA____ESR 323819	33.01 1.53 2.53	33.10 1.61 2.53	25.87 1.32 3.67	27.75 1.36 1.12	27.13 1.30 0.21	9.51 1.13 13.95	18.37 1.23 7.28	16.45 1.21 7.93	27.62 1.42 1.84	27.53 1.43 3.95	33.07 1.68 1.97	34.42 1.87 2.44	31.37 1.84 2.31	32.06 1.81 1.25	31.07 1.74 0.48	30.86 1.63 0.00	31.17 1.64 0.00	29.45 1.69 0.00	29.11 1.66 -0.28	29.73 1.52 0.00	29.30 1.59 0.00	27.53 1.56 0.00	23.43 1.37 0.00	23.35 1.36 0.00
PORT_JEFF_3 23555	33.85 2.40 2.56	34.31 2.86 2.56	35.93 2.41 -5.29	34.36 2.40 -4.44	33.07 2.27 -4.77	47.44 1.97 -23.15	40.41 2.07 -13.92	33.33 2.07 -8.09	31.88 2.44 -1.40	48.72 2.50 -16.17	46.82 2.79 -10.67	36.45 3.00 1.53	37.38 2.88 -2.66	35.41 2.96 -0.95	36.43 2.91 -3.71	32.31 2.49 -0.60	31.76 2.23 0.00	29.61 1.84 0.00	29.16 1.70 -0.30	29.56 1.35 0.00	29.59 1.89 0.00	27.81 1.83 0.00	23.81 1.75 0.00	23.76 1.76 0.00
PORT_JEFF_4 23616	33.85 2.40 2.56	34.31 2.86 2.56	35.93 2.41 -5.29	34.36 2.40 -4.44	33.07 2.27 -4.77	47.44 1.97 -23.15	40.41 2.07 -13.92	33.33 2.07 -8.09	31.88 2.44 -1.40	48.72 2.50 -16.17	46.82 2.79 -10.67	36.45 3.00 1.53	37.38 2.88 -2.66	35.41 2.96 -0.95	36.43 2.91 -3.71	32.31 2.49 -0.60	31.76 2.23 0.00	29.61 1.84 0.00	29.16 1.70 -0.30	29.56 1.35 0.00	29.59 1.89 0.00	27.81 1.83 0.00	23.81 1.75 0.00	23.76 1.76 0.00
PORT_JEFF_IC 23713	33.92 2.47 2.56	34.39 2.93 2.56	35.98 2.47 -5.29	34.42 2.46 -4.44	33.12 2.31 -4.77	47.49 2.01 -23.15	40.45 2.12 -13.92	33.38 2.11 -8.09	31.94 2.49 -1.40	48.78 2.56 -16.17	46.90 2.87 -10.67	36.54 3.08 1.53	37.47 2.97 -2.66	35.51 3.05 -0.95	36.52 3.00 -3.71	32.36 2.54 -0.60	31.80 2.27 0.00	29.59 1.83 0.00	29.15 1.68 -0.30	29.57 1.36 0.00	29.65 1.95 0.00	27.90 1.93 0.00	23.87 1.81 0.00	23.80 1.81 0.00
PPL PILGRIM_ST_GT1 24216	34.04 2.59 2.56	34.47 3.02 2.56	36.12 2.61 -5.29	34.57 2.61 -4.44	33.28 2.47 -4.77	47.62 2.14 -23.15	40.60 2.26 -13.92	33.50 2.24 -8.09	32.06 2.62 -1.40	48.92 2.70 -16.17	47.02 2.99 -10.67	36.65 3.20 1.53	37.51 3.01 -2.66	35.58 3.11 -0.95	36.55 3.02 -3.71	32.50 2.67 -0.60	31.98 2.45 0.00	29.80 2.04 0.00	29.41 1.95 -0.30	29.88 1.67 0.00	29.85 2.15 0.00	28.08 2.11 0.00	23.98 1.92 0.00	23.87 1.87 0.00
PPL PILGRIM_ST_GT2 24217	34.04 2.59 2.56	34.47 3.02 2.56	36.12 2.61 -5.29	34.57 2.61 -4.44	33.28 2.47 -4.77	47.62 2.14 -23.15	40.60 2.26 -13.92	33.50 2.24 -8.09	32.06 2.62 -1.40	48.92 2.70 -16.17	47.02 2.99 -10.67	36.65 3.20 1.53	37.51 3.01 -2.66	35.58 3.11 -0.95	36.55 3.02 -3.71	32.50 2.67 -0.60	31.98 2.45 0.00	29.80 2.04 0.00	29.41 1.95 -0.30	29.88 1.67 0.00	29.85 2.15 0.00	28.08 2.11 0.00	23.98 1.92 0.00	23.87 1.87 0.00
PPL_SHRM_GT3 24213	33.80 2.35 2.56	34.33 2.87 2.56	35.86 2.34 -5.29	34.27 2.31 -4.44	32.98 2.18 -4.77	47.35 1.88 -23.15	40.33 1.99 -13.92	33.26 2.00 -8.09	31.80 2.36 -1.40	48.68 2.45 -16.17	46.79 2.76 -10.67	36.41 2.96 1.53	37.39 2.89 -2.66	35.36 2.90 -0.95	36.45 2.92 -3.71	32.42 2.60 -0.60	31.83 2.30 0.00	29.65 1.89 0.00	29.22 1.75 -0.30	29.72 1.51 0.00	29.77 2.06 0.00	27.91 1.94 0.00	23.90 1.84 0.00	23.79 1.80 0.00
PPL_SHRM_GT4 24214	33.80 2.35 2.56	34.33 2.87 2.56	35.86 2.34 -5.29	34.27 2.31 -4.44	32.98 2.18 -4.77	47.35 1.88 -23.15	40.33 1.99 -13.92	33.26 2.00 -8.09	31.80 2.36 -1.40	48.68 2.45 -16.17	46.79 2.76 -10.67	36.41 2.96 1.53	37.39 2.89 -2.66	35.36 2.90 -0.95	36.45 2.92 -3.71	32.42 2.60 -0.60	31.83 2.30 0.00	29.65 1.89 0.00	29.22 1.75 -0.30	29.72 1.51 0.00	29.77 2.06 0.00	27.91 1.94 0.00	23.90 1.84 0.00	23.79 1.80 0.00
PROJECT____ORANGE 1 24174	30.88 -0.24 2.90	30.80 -0.31 2.90	26.37 -0.31 1.54	25.89 -0.33 1.29	25.48 -0.32 0.24	21.95 -0.29 0.08	24.03 -0.32 0.07	22.80 -0.30 0.07	27.52 -0.38 0.14	28.69 -0.37 0.99	30.67 -0.40 2.29	31.71 -0.44 2.84	29.83 -0.41 1.60	29.71 -0.33 1.46	29.48 -0.31 0.03	28.93 -0.30 0.00	29.23 -0.30 0.00	27.57 -0.20 0.00	26.94 -0.23 0.00	27.95 -0.26 0.00	27.42 -0.28 0.00	25.70 -0.27 0.00	21.82 -0.25 0.00	21.74 -0.25 0.00
PROJECT____ORANGE 2 24166	30.88 -0.24 2.90	30.80 -0.31 2.90	26.37 -0.31 1.54	25.89 -0.33 1.29	25.48 -0.32 0.24	21.95 -0.29 0.08	24.03 -0.32 0.07	22.80 -0.30 0.07	27.52 -0.38 0.14	28.69 -0.37 0.99	30.67 -0.40 2.29	31.71 -0.44 2.84	29.83 -0.41 1.60	29.71 -0.33 1.46	29.48 -0.31 0.03	28.93 -0.30 0.00	29.23 -0.30 0.00	27.57 -0.20 0.00	26.94 -0.23 0.00	27.95 -0.26 0.00	27.42 -0.28 0.00	25.70 -0.27 0.00	21.82 -0.25 0.00	21.74 -0.25 0.00
PUCKETT____SOLAR 323809	31.94 0.84 2.92	31.87 0.77 2.91	27.19 0.51 1.55	26.73 0.51 1.30	26.28 0.48 0.24	22.64 0.40 0.08	24.75 0.39 0.07	23.54 0.44 0.07	28.42 0.51 0.14	29.56 0.50 0.99	31.60 0.53 2.29	32.81 0.66 2.84	30.89 0.65 1.60	30.75 0.70 1.46	30.45 0.66 0.03	29.85 0.62 0.00	30.24 0.71 0.00	28.61 0.85 0.00	28.00 0.74 -0.09	29.02 0.80 0.00	28.49 0.79 0.00	26.74 0.77 0.00	22.65 0.59 0.00	22.61 0.61 0.00
PYRITES____HYD 24023	33.09 0.51 1.44	32.97 0.39 1.44	27.68 0.22 0.77	26.87 -0.01 0.64	25.85 -0.08 0.12	22.34 0.06 0.04	24.61 0.22 0.03	23.43 0.29 0.03	28.43 0.44 0.05	30.21 0.54 0.38	32.99 0.51 0.88	34.37 0.48 1.09	31.47 0.25 0.61	31.10 0.16 0.56	29.99 0.18 0.01	29.47 0.24 0.00	29.92 0.40 0.00	27.85 0.08 0.00	27.37 0.20 0.00	28.54 0.33 0.00	28.03 0.33 0.00	26.22 0.25 0.00	22.12 0.06 0.00	22.11 0.11 0.00

QUAKERRD_115KV_BK1 80622	28.99 -1.06 3.96	28.90 -1.16 3.96	25.14 -0.98 2.10	24.68 -1.08 1.77	24.71 -1.00 0.33	21.27 -0.94 0.11	23.34 -0.99 0.09	22.13 -0.94 0.10	26.73 -1.12 0.19	27.62 -1.10 1.33	28.98 -1.31 3.07	29.76 -1.43 3.80	28.40 -1.29 2.15	28.42 -1.12 1.96	28.67 -1.10 0.04	28.20 -1.03 0.00	28.44 -1.09 0.00	26.84 -0.93 0.00	26.25 -0.95 -0.03	27.15 -1.06 0.00	26.58 -1.12 0.00	24.93 -1.05 0.00	21.20 -0.86 0.00	21.16 -0.84 0.00
QUENSBRY_115KV_TB8 356137	32.98 1.80 2.85	33.03 1.85 2.84	28.70 1.53 1.06	27.82 1.57 1.27	27.29 1.48 0.23	27.75 1.27 -4.16	27.84 1.27 -2.15	26.72 1.19 -2.35	29.91 1.56 -0.31	31.54 1.73 0.24	33.16 2.01 2.21	34.37 2.12 2.74	32.49 1.99 1.34	32.03 1.93 1.41	31.92 1.99 -0.11	31.27 2.04 0.00	31.67 2.14 0.00	30.01 2.25 0.00	30.36 2.22 -0.97	30.36 2.15 0.00	29.71 2.01 0.00	27.79 1.82 0.00	23.61 1.55 0.00	23.41 1.42 0.00
RAMAPO___LBMP 323565	32.89 1.40 2.53	32.98 1.49 2.52	25.86 1.21 3.57	27.65 1.26 1.12	27.02 1.19 0.21	9.73 1.04 13.63	18.43 1.13 7.12	16.52 1.10 7.75	27.48 1.31 1.87	27.27 1.30 4.08	32.94 1.54 1.96	34.28 1.73 2.43	31.18 1.70 2.36	31.92 1.67 1.25	30.95 1.60 0.47	30.73 1.50 0.00	31.04 1.51 0.00	29.33 1.56 0.00	28.98 1.54 -0.28	29.61 1.40 0.00	29.18 1.48 0.00	27.42 1.45 0.00	23.34 1.28 0.00	23.26 1.27 0.00
RANKINE____ 23646	29.82 -0.45 3.74	29.67 -0.61 3.73	25.76 -0.48 1.98	25.14 -0.72 1.66	25.13 -0.61 0.31	21.56 -0.65 0.11	23.70 -0.64 0.08	22.46 -0.61 0.09	27.14 -0.73 0.18	28.05 -0.75 1.26	29.33 -1.12 2.90	30.11 -1.28 3.60	28.72 -1.09 2.03	28.92 -0.73 1.85	29.05 -0.73 0.04	28.55 -0.68 0.00	28.64 -0.89 0.00	26.98 -0.78 0.00	26.18 -1.03 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.81 -1.07 0.09	20.96 -0.80 0.30	15.68 -0.61 5.71
RAVENSWOOD_GT2_1 24244	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.45 -7.77	31.20 1.75 -1.41	33.49 1.74 -1.70	33.36 1.99 1.99	34.72 2.20 2.46	33.35 2.17 0.65	32.37 2.14 1.27	32.28 2.05 -0.42	31.13 1.90 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.98 1.77 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.70 1.64 0.00	23.62 1.62 0.00
RAVENSWOOD_GT2_2 24245	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.45 -7.77	31.20 1.75 -1.41	33.49 1.74 -1.70	33.36 1.99 1.99	34.72 2.20 2.46	33.35 2.17 0.65	32.37 2.14 1.27	32.28 2.05 -0.42	31.13 1.90 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.98 1.77 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.70 1.64 0.00	23.62 1.62 0.00
RAVENSWOOD_GT2_3 24246	33.39 1.93 2.56	33.49 2.03 2.56	30.39 1.71 -0.45	28.13 1.75 1.14	27.48 1.64 0.21	37.45 1.42 -13.70	33.02 1.48 -7.12	32.41 1.47 -7.77	31.22 1.76 -1.41	33.51 1.76 -1.70	33.37 2.00 1.99	34.75 2.23 2.46	33.37 2.19 0.65	32.39 2.16 1.27	32.31 2.07 -0.42	31.15 1.92 0.00	31.41 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	30.01 1.80 0.00	29.60 1.89 0.00	27.85 1.88 0.00	23.71 1.65 0.00	23.63 1.64 0.00
RAVENSWOOD_GT2_4 24247	33.39 1.93 2.56	33.49 2.03 2.56	30.39 1.71 -0.45	28.13 1.75 1.14	27.48 1.64 0.21	37.45 1.42 -13.70	33.02 1.48 -7.12	32.41 1.47 -7.77	31.22 1.76 -1.41	33.51 1.76 -1.70	33.37 2.00 1.99	34.75 2.23 2.46	33.37 2.19 0.65	32.39 2.16 1.27	32.31 2.07 -0.42	31.15 1.92 0.00	31.41 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	30.01 1.80 0.00	29.60 1.89 0.00	27.85 1.88 0.00	23.71 1.65 0.00	23.63 1.64 0.00
RAVENSWOOD_GT3_1 24248	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.74 -1.70	33.36 1.99 1.99	34.72 2.20 2.46	33.36 2.17 0.65	32.37 2.14 1.27	32.29 2.05 -0.42	31.13 1.90 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.70 1.64 0.00	23.62 1.62 0.00
RAVENSWOOD_GT3_2 24249	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.74 -1.70	33.36 1.99 1.99	34.72 2.20 2.46	33.36 2.17 0.65	32.37 2.14 1.27	32.29 2.05 -0.42	31.13 1.90 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.70 1.64 0.00	23.62 1.62 0.00
RAVENSWOOD_GT3_3 24250	33.44 1.98 2.56	33.53 2.07 2.56	30.43 1.75 -0.45	28.17 1.78 1.14	27.51 1.68 0.21	37.48 1.45 -13.70	33.05 1.51 -7.12	32.44 1.50 -7.77	31.26 1.82 -1.41	33.56 1.81 -1.70	33.43 2.06 1.99	34.81 2.29 2.46	33.43 2.24 0.65	32.45 2.22 1.27	32.37 2.13 -0.42	31.20 1.97 0.00	31.46 1.93 0.00	29.77 2.00 0.00	29.44 1.97 -0.30	30.06 1.85 0.00	29.64 1.94 0.00	27.89 1.92 0.00	23.75 1.69 0.00	23.67 1.68 0.00
RAVENSWOOD_GT3_4 24251	33.44 1.98 2.56	33.53 2.07 2.56	30.43 1.75 -0.45	28.17 1.78 1.14	27.51 1.68 0.21	37.48 1.45 -13.70	33.06 1.51 -7.12	32.44 1.50 -7.77	31.26 1.81 -1.41	33.56 1.81 -1.70	33.44 2.06 1.99	34.81 2.29 2.46	33.43 2.24 0.65	32.45 2.22 1.27	32.37 2.13 -0.42	31.20 1.97 0.00	31.46 1.93 0.00	29.77 2.00 0.00	29.43 1.97 -0.30	30.06 1.85 0.00	29.64 1.94 0.00	27.89 1.92 0.00	23.75 1.69 0.00	23.67 1.68 0.00
RAVENSWOOD_GT_1 23729	33.40 1.94 2.56	33.50 2.04 2.56	30.42 1.74 -0.45	28.15 1.77 1.14	27.49 1.66 0.21	37.46 1.44 -13.70	33.04 1.50 -7.12	32.42 1.48 -7.77	31.23 1.78 -1.41	33.52 1.78 -1.70	33.37 2.00 1.99	34.70 2.18 2.46	33.35 2.16 0.65	32.43 2.15 1.22	32.49 2.04 -0.64	31.32 1.89 -0.21	31.36 1.83 0.00	29.69 1.93 0.00	29.36 1.90 -0.30	32.19 1.78 -2.21	31.89 1.89 -2.30	28.31 1.89 -0.45	23.74 1.68 0.00	23.65 1.65 0.00
RAVENSWOOD_GT_10 24258	33.37 1.92 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.75 -1.70	33.36 1.99 1.99	34.74 2.22 2.46	33.36 2.18 0.65	32.39 2.15 1.27	32.30 2.06 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.99 1.79 0.00	29.58 1.88 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.62 1.63 0.00
RAVENSWOOD_GT_11 24259	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.75 -1.70	33.36 1.99 1.99	34.74 2.22 2.46	33.36 2.17 0.65	32.38 2.15 1.27	32.30 2.06 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.99 1.79 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.71 1.64 0.00	23.62 1.63 0.00



RAVENSWOOD_GT_4 24252	33.37 1.92 2.56	33.47 2.01 2.56	30.38 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.50 1.76 -1.70	33.38 2.01 1.99	34.77 2.24 2.46	33.39 2.20 0.65	32.44 2.16 1.23	32.48 2.07 -0.59	31.32 1.93 -0.16	31.42 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	31.68 1.79 -1.68	31.34 1.89 -1.75	28.17 1.86 -0.34	23.71 1.65 0.00	23.63 1.63 0.00
RAVENSWOOD_GT_5 24254	33.37 1.92 2.56	33.47 2.01 2.56	30.38 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.50 1.76 -1.70	33.38 2.01 1.99	34.77 2.24 2.46	33.39 2.20 0.65	32.44 2.16 1.23	32.48 2.07 -0.59	31.32 1.93 -0.16	31.42 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	31.68 1.79 -1.68	31.34 1.89 -1.75	28.17 1.86 -0.34	23.71 1.65 0.00	23.63 1.63 0.00
RAVENSWOOD_GT_6 24253	33.37 1.92 2.56	33.47 2.01 2.56	30.38 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.50 1.76 -1.70	33.38 2.01 1.99	34.77 2.24 2.46	33.39 2.20 0.65	32.44 2.16 1.23	32.48 2.07 -0.59	31.32 1.93 -0.16	31.42 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	31.68 1.79 -1.68	31.34 1.89 -1.75	28.17 1.86 -0.34	23.71 1.65 0.00	23.63 1.63 0.00
RAVENSWOOD_GT_7 24255	33.37 1.92 2.56	33.47 2.01 2.56	30.38 1.71 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.50 1.76 -1.70	33.38 2.01 1.99	34.77 2.24 2.46	33.39 2.20 0.65	32.44 2.16 1.23	32.48 2.07 -0.59	31.32 1.93 -0.16	31.42 1.89 0.00	29.72 1.96 0.00	29.39 1.92 -0.30	31.68 1.79 -1.68	31.34 1.89 -1.75	28.17 1.86 -0.34	23.71 1.65 0.00	23.63 1.63 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	33.37 1.92 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.75 -1.70	33.36 1.99 1.99	34.74 2.22 2.46	33.36 2.18 0.65	32.39 2.15 1.27	32.30 2.06 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.99 1.79 0.00	29.58 1.88 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.62 1.63 0.00
RAVENSWOOD_GT_9 24257	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.75 -1.70	33.36 1.99 1.99	34.74 2.22 2.46	33.36 2.17 0.65	32.38 2.15 1.27	32.30 2.06 -0.42	31.14 1.91 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.99 1.79 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.71 1.64 0.00	23.62 1.63 0.00
RAVENSWOOD___1 23533	33.37 1.91 2.56	33.47 2.01 2.56	30.39 1.71 -0.45	28.12 1.75 1.14	27.46 1.63 0.21	37.45 1.43 -13.70	33.02 1.48 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.50 1.75 -1.70	33.34 1.97 1.99	34.67 2.15 2.46	33.33 2.14 0.65	32.36 2.12 1.27	32.25 2.01 -0.42	31.10 1.87 0.00	31.34 1.81 0.00	29.68 1.91 0.00	29.35 1.89 -0.30	29.97 1.76 0.00	29.57 1.87 0.00	27.85 1.88 0.00	23.72 1.66 0.00	23.63 1.63 0.00
RAVENSWOOD___2 23534	33.28 1.82 2.56	33.39 1.93 2.56	30.32 1.64 -0.45	28.06 1.68 1.14	27.41 1.58 0.21	37.39 1.37 -13.70	32.96 1.42 -7.12	32.35 1.41 -7.77	31.14 1.69 -1.41	33.41 1.66 -1.70	33.11 1.74 1.99	34.37 1.85 2.46	33.07 1.89 0.65	32.17 1.94 1.27	32.01 1.77 -0.42	30.87 1.64 0.00	31.11 1.58 0.00	29.50 1.74 0.00	29.22 1.76 -0.30	29.82 1.61 0.00	29.44 1.74 0.00	27.76 1.79 0.00	23.67 1.61 0.00	23.58 1.58 0.00
RAVENSWOOD___3 23535	33.37 1.91 2.56	33.46 2.00 2.56	30.37 1.70 -0.45	28.11 1.73 1.14	27.46 1.63 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.20 1.75 -1.41	33.49 1.74 -1.70	33.36 1.99 1.99	34.72 2.20 2.46	33.36 2.17 0.65	32.37 2.14 1.27	32.29 2.05 -0.42	31.13 1.91 0.00	31.40 1.87 0.00	29.71 1.94 0.00	29.37 1.91 -0.30	29.98 1.78 0.00	29.58 1.88 0.00	27.83 1.85 0.00	23.71 1.64 0.00	23.62 1.63 0.00
RAVENSWOOD___4 23820	33.34 1.89 2.56	33.45 1.99 2.56	30.37 1.69 -0.45	28.10 1.72 1.14	27.45 1.62 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.38 1.44 -7.77	31.18 1.73 -1.41	33.48 1.73 -1.70	33.31 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.29 2.10 1.32	32.01 1.98 -0.21	30.86 1.84 0.21	31.32 1.79 0.00	29.66 1.90 0.00	29.33 1.87 -0.30	27.77 1.74 2.17	27.29 1.85 2.26	27.38 1.85 0.44	23.70 1.64 0.00	23.61 1.62 0.00
RCPL_TRUST___DRP 24196	33.37 1.91 2.56	33.46 2.00 2.56	30.36 1.68 -0.45	28.10 1.72 1.14	27.45 1.62 0.21	37.43 1.40 -13.70	33.00 1.46 -7.12	32.40 1.45 -7.77	31.20 1.75 -1.41	33.50 1.76 -1.70	33.37 2.00 1.99	34.74 2.22 2.46	33.39 2.19 0.65	32.39 2.15 1.27	32.31 2.07 -0.42	31.15 1.92 0.00	31.42 1.89 0.00	29.72 1.96 0.00	29.37 1.90 -0.30	29.98 1.77 0.00	29.58 1.88 0.00	27.82 1.85 0.00	23.69 1.63 0.00	23.63 1.63 0.00
RED___ROCHESTER 323720	30.02 -0.03 3.96	29.90 -0.16 3.96	25.97 -0.15 2.10	25.44 -0.31 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.33 0.09	22.77 -0.30 0.10	27.51 -0.35 0.19	28.49 -0.24 1.33	29.89 -0.40 3.07	30.73 -0.45 3.80	29.29 -0.40 2.15	29.36 -0.19 1.96	29.53 -0.23 0.04	29.08 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.12 -0.03	28.00 -0.21 0.00	27.39 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.83 -0.17 0.00
REGAN___SOLAR 323812	35.30 4.15 2.87	35.00 3.84 2.86	30.17 3.03 1.08	29.10 2.86 1.28	28.47 2.66 0.23	28.76 2.40 -4.04	29.20 2.70 -2.08	28.01 2.56 -2.28	31.42 3.07 -0.30	32.86 3.07 0.26	34.75 3.62 2.23	35.92 3.69 2.75	33.80 3.32 1.35	33.70 3.61 1.42	32.89 2.97 -0.10	32.65 3.42 0.00	32.87 3.34 0.00	31.60 3.83 0.00	31.90 3.71 -1.03	32.29 4.08 0.00	31.80 4.09 0.00	29.77 3.80 0.00	25.08 3.02 0.00	24.82 2.82 0.00
RENSSELAER___COGEN 23796	31.80 0.53 2.75	31.88 0.61 2.74	27.81 0.59 1.00	27.09 0.79 1.22	26.57 0.76 0.23	27.21 0.64 -4.25	27.20 0.58 -2.19	26.05 0.48 -2.40	28.93 0.56 -0.33	30.44 0.58 0.19	31.94 0.72 2.14	33.16 0.82 2.64	31.32 0.77 1.29	30.82 0.67 1.36	30.57 0.64 -0.11	29.86 0.63 0.00	30.20 0.67 0.00	28.57 0.80 0.00	28.62 0.80 -0.65	28.85 0.64 0.00	28.34 0.64 0.00	26.55 0.58 0.00	22.63 0.57 0.00	22.55 0.56 0.00
REPUBLIC_115KV_BARTNBRK 55605	34.60 3.43 2.85	34.80 3.63 2.84	30.13 2.96 1.05	29.05 2.79 1.27	28.44 2.63 0.23	28.77 2.27 -4.17	28.85 2.27 -2.15	27.75 2.22 -2.36	31.46 3.11 -0.31	33.41 3.60 0.23	35.14 3.99 2.21	36.30 4.05 2.73	34.21 3.71 1.34	33.78 3.69 1.41	33.65 3.72 -0.11	33.14 3.91 0.00	33.60 4.07 0.00	31.87 4.11 0.00	32.17 4.04 -0.97	32.28 4.07 0.00	31.33 3.63 0.00	29.37 3.40 0.00	25.02 2.96 0.00	24.71 2.71 0.00

REVERE_CPPR_DRP 24186	31.52 1.23 3.72	31.28 0.98 3.72	26.93 0.69 1.98	26.45 0.59 1.66	26.28 0.54 0.31	22.83 0.61 0.11	25.05 0.71 0.08	23.79 0.71 0.09	28.73 0.86 0.18	29.72 0.94 1.27	31.41 0.99 2.94	32.68 1.31 3.61	30.89 1.09 2.04	30.76 1.12 1.86	30.97 1.20 0.04	30.42 1.19 0.00	30.64 1.11 0.00	28.92 1.16 0.00	28.34 1.17 0.00	29.52 1.31 0.00	29.00 1.30 0.00	27.10 1.12 0.00	22.94 0.89 0.00	22.80 0.81 0.00
REYNOLDS_115KV_TB3 80639	32.00 0.74 2.76	32.11 0.85 2.75	28.02 0.79 0.99	27.29 1.00 1.23	26.78 0.97 0.23	27.51 0.80 -4.39	27.46 0.77 -2.27	26.30 0.65 -2.48	29.14 0.76 -0.34	30.67 0.79 0.17	32.17 0.96 2.14	33.40 1.07 2.65	31.54 0.99 1.29	31.00 0.86 1.37	30.76 0.83 -0.12	30.04 0.81 0.00	30.38 0.85 0.00	28.75 0.99 0.00	28.83 0.97 -0.69	29.01 0.81 0.00	28.50 0.80 0.00	26.70 0.73 0.00	22.78 0.72 0.00	22.71 0.72 0.00
RIVERBAY____ 323610	33.74 2.28 2.56	33.86 2.40 2.56	30.77 2.09 -0.45	28.48 2.10 1.14	27.78 1.95 0.21	37.72 1.70 -13.70	33.33 1.79 -7.12	32.65 1.71 -7.77	31.47 2.02 -1.41	33.80 2.06 -1.70	33.75 2.38 1.99	35.13 2.61 2.46	33.72 2.53 0.65	32.68 2.45 1.27	32.58 2.34 -0.42	31.39 2.16 0.00	31.63 2.10 0.00	29.92 2.15 0.00	29.54 2.08 -0.30	30.19 1.99 0.00	29.81 2.10 0.00	28.06 2.09 0.00	23.86 1.80 0.00	23.77 1.78 0.00
RIVERSDE_115KV_TB3 55908	31.94 0.69 2.77	32.03 0.78 2.76	27.94 0.72 1.00	27.22 0.93 1.23	26.70 0.89 0.23	27.38 0.74 -4.31	27.35 0.70 -2.23	26.20 0.59 -2.44	29.07 0.70 -0.33	30.59 0.73 0.19	32.10 0.88 2.14	33.33 1.00 2.66	31.48 0.93 1.29	30.96 0.83 1.37	30.73 0.80 -0.11	30.01 0.78 0.00	30.36 0.83 0.00	28.73 0.96 0.00	28.81 0.94 -0.70	28.98 0.78 0.00	28.47 0.77 0.00	26.67 0.70 0.00	22.74 0.67 0.00	22.66 0.67 0.00
ROARING__BROOK_WT_PWR 323790	30.37 -0.24 3.41	30.13 -0.48 3.40	25.90 -0.51 1.81	25.44 -0.57 1.52	25.29 -0.47 0.28	22.01 -0.22 0.10	24.24 -0.10 0.08	22.99 -0.10 0.09	27.76 -0.12 0.16	28.74 -0.14 1.17	30.42 -0.22 2.72	31.34 -0.28 3.36	29.68 -0.26 1.90	29.43 -0.34 1.73	29.45 -0.33 0.04	28.86 -0.37 0.00	29.23 -0.30 0.00	27.55 -0.22 0.00	27.01 -0.16 0.00	28.10 -0.11 0.00	27.60 -0.10 0.00	25.78 -0.19 0.00	21.91 -0.15 0.00	21.78 -0.21 0.00
ROCHESRG_115KV_T4 355643	29.59 -0.44 3.99	29.48 -0.55 3.98	25.65 -0.46 2.12	25.14 -0.61 1.78	25.16 -0.55 0.33	21.63 -0.57 0.11	23.76 -0.58 0.09	22.52 -0.55 0.10	27.21 -0.65 0.19	28.11 -0.60 1.34	29.45 -0.82 3.09	30.24 -0.92 3.83	28.85 -0.83 2.16	28.91 -0.62 1.97	29.13 -0.65 0.04	28.65 -0.57 0.00	28.87 -0.65 0.00	27.24 -0.53 0.00	26.60 -0.59 -0.03	27.52 -0.68 0.00	26.94 -0.76 0.00	25.28 -0.69 0.00	21.53 -0.53 0.00	21.53 -0.47 0.00
ROCHESTER_9_IC 23652	29.82 -0.23 3.96	29.71 -0.35 3.96	25.82 -0.30 2.10	25.31 -0.45 1.77	25.30 -0.41 0.33	21.76 -0.45 0.11	23.90 -0.44 0.09	22.66 -0.41 0.10	27.37 -0.49 0.19	28.32 -0.40 1.33	29.69 -0.60 3.07	30.50 -0.68 3.80	29.08 -0.61 2.15	29.15 -0.40 1.96	29.34 -0.44 0.04	28.88 -0.35 0.00	29.11 -0.42 0.00	27.48 -0.29 0.00	26.85 -0.35 -0.03	27.77 -0.44 0.00	27.17 -0.53 0.00	25.49 -0.48 0.00	21.70 -0.36 0.00	21.69 -0.31 0.00
ROCKVIEW_13_KV_LD 356306	33.40 1.95 2.56	33.50 2.04 2.56	30.38 1.71 -0.45	28.13 1.75 1.14	27.48 1.65 0.21	37.44 1.42 -13.69	33.03 1.50 -7.11	32.40 1.47 -7.77	31.21 1.76 -1.40	33.54 1.80 -1.69	33.43 2.06 1.99	34.80 2.28 2.46	33.41 2.22 0.65	32.41 2.17 1.27	32.33 2.09 -0.42	31.18 1.95 0.00	31.45 1.93 0.00	29.74 1.97 0.00	29.40 1.93 -0.30	30.00 1.79 0.00	29.59 1.89 0.00	27.82 1.85 0.00	23.70 1.64 0.00	23.62 1.63 0.00
ROME_____115KV_TB2 80656	31.52 1.23 3.72	31.28 0.98 3.72	26.93 0.69 1.98	26.45 0.59 1.66	26.28 0.54 0.31	22.83 0.61 0.11	25.05 0.71 0.08	23.79 0.71 0.09	28.73 0.86 0.18	29.72 0.94 1.27	31.41 0.99 2.94	32.68 1.31 3.61	30.89 1.09 2.04	30.76 1.12 1.86	30.97 1.20 0.04	30.42 1.19 0.00	30.64 1.11 0.00	28.92 1.16 0.00	28.34 1.17 0.00	29.52 1.31 0.00	29.00 1.30 0.00	27.10 1.12 0.00	22.94 0.89 0.00	22.80 0.81 0.00
ROSETON____1 23587	32.80 1.34 2.56	32.91 1.45 2.56	28.09 1.22 1.36	27.67 1.29 1.14	27.06 1.23 0.21	15.93 1.06 7.45	21.62 1.10 3.90	19.99 1.06 4.24	28.76 1.26 0.55	30.21 1.27 1.12	32.86 1.49 1.99	34.18 1.66 2.47	32.04 1.59 1.39	31.80 1.56 1.27	31.04 1.49 0.27	30.63 1.40 0.00	30.92 1.39 0.00	29.22 1.46 0.00	28.89 1.43 -0.29	29.51 1.30 0.00	29.07 1.37 0.00	27.29 1.32 0.00	23.25 1.19 0.00	23.19 1.20 0.00
ROSETON____2 23588	32.80 1.34 2.56	32.91 1.45 2.56	28.09 1.22 1.36	27.67 1.29 1.14	27.06 1.23 0.21	15.93 1.06 7.45	21.62 1.10 3.90	19.99 1.06 4.24	28.76 1.26 0.55	30.21 1.27 1.12	32.86 1.49 1.99	34.18 1.66 2.47	32.04 1.59 1.39	31.80 1.56 1.27	31.04 1.49 0.27	30.63 1.40 0.00	30.92 1.39 0.00	29.22 1.46 0.00	28.89 1.43 -0.29	29.51 1.30 0.00	29.07 1.37 0.00	27.29 1.32 0.00	23.25 1.19 0.00	23.19 1.20 0.00
ROTTTRDAM_115KV_TB3 80664	32.32 1.16 2.87	32.35 1.20 2.86	28.18 1.04 1.08	27.40 1.15 1.28	26.90 1.09 0.23	27.29 0.93 -4.04	27.44 0.93 -2.08	26.29 0.84 -2.28	29.37 1.03 -0.30	30.87 1.08 0.26	32.39 1.25 2.23	33.60 1.37 2.75	31.77 1.29 1.35	31.32 1.24 1.42	31.13 1.21 -0.10	30.42 1.19 0.00	30.76 1.23 0.00	29.08 1.32 0.00	29.47 1.28 -1.03	29.41 1.20 0.00	28.90 1.20 0.00	27.09 1.12 0.00	23.05 0.98 0.00	22.96 0.96 0.00
RUSSELL____1 23602	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00
RUSSELL____2 23532	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00
RUSSELL____3 23549	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00

RUSSELL___4 23556	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00
RUSSELL___STATION 23914	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00
S SALMON___HYD 24043	32.48 -0.24 1.30	32.21 -0.51 1.30	26.89 -0.64 0.69	26.17 -0.77 0.58	25.08 -0.85 0.11	21.84 -0.44 0.04	24.07 -0.33 0.03	22.86 -0.28 0.04	27.63 -0.35 0.07	29.28 -0.30 0.46	31.94 -0.35 1.08	33.28 -0.37 1.34	30.59 -0.49 0.76	30.19 -0.62 0.69	29.17 -0.63 0.02	28.60 -0.63 0.00	28.91 -0.62 0.00	27.32 -0.44 0.00	26.81 -0.36 0.00	27.91 -0.29 0.00	27.46 -0.25 0.00	25.71 -0.26 0.00	21.84 -0.22 0.00	21.68 -0.31 0.00
S.PERRY___115KV_TB1 80734	31.37 0.97 3.61	31.06 0.65 3.61	26.93 0.63 1.92	26.36 0.44 1.61	26.20 0.45 0.30	22.49 0.27 0.10	24.65 0.31 0.08	23.37 0.28 0.09	28.24 0.36 0.17	29.03 0.19 1.21	30.54 -0.01 2.81	31.36 -0.15 3.48	29.92 0.04 1.96	29.82 0.11 1.79	29.81 0.04 0.04	29.32 0.09 0.00	29.57 0.04 0.00	27.97 0.20 0.00	27.53 0.32 0.00	28.65 0.45 0.00	28.18 0.47 0.00	26.82 0.53 -0.31	23.44 0.34 -1.04	41.69 0.26 -19.43
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	29.43 -0.80 3.79	29.31 -0.91 3.79	25.50 -0.71 2.01	24.90 -0.94 1.69	24.90 -0.83 0.31	21.36 -0.85 0.11	23.49 -0.85 0.09	22.24 -0.84 0.09	26.85 -1.01 0.18	27.74 -1.04 1.27	28.95 -1.47 2.94	29.68 -1.66 3.64	28.30 -1.48 2.06	28.50 -1.12 1.88	28.63 -1.14 0.04	28.15 -1.07 0.00	28.22 -1.31 0.00	26.58 -1.19 0.00	25.82 -1.39 -0.04	26.69 -1.51 0.00	26.12 -1.58 0.00	24.47 -1.41 0.09	20.74 -1.03 0.29	15.71 -0.82 5.47
SAWYER___23_KV_LOAD 55526	29.43 -0.80 3.79	29.31 -0.91 3.79	25.50 -0.71 2.01	24.90 -0.94 1.69	24.90 -0.83 0.31	21.36 -0.85 0.11	23.49 -0.85 0.09	22.24 -0.84 0.09	26.85 -1.01 0.18	27.74 -1.04 1.27	28.95 -1.47 2.94	29.68 -1.66 3.64	28.30 -1.48 2.06	28.50 -1.12 1.88	28.63 -1.14 0.04	28.15 -1.07 0.00	28.22 -1.31 0.00	26.58 -1.19 0.00	25.82 -1.39 -0.04	26.69 -1.51 0.00	26.12 -1.58 0.00	24.47 -1.41 0.09	20.74 -1.03 0.29	15.71 -0.82 5.47
SELKIRK___I 23801	32.17 0.88 2.72	32.25 0.95 2.71	28.09 0.88 1.02	27.39 1.08 1.21	26.85 1.03 0.22	27.01 0.87 -3.82	27.22 0.83 -1.97	25.97 0.65 -2.16	29.08 0.75 -0.28	30.60 0.79 0.24	32.20 0.95 2.11	33.42 1.05 2.61	31.54 0.98 1.28	31.04 0.88 1.35	30.75 0.84 -0.10	30.06 0.83 0.00	30.40 0.87 0.00	28.75 0.99 0.00	28.69 0.97 -0.55	29.03 0.82 0.00	28.51 0.80 0.00	26.72 0.75 0.00	22.76 0.70 0.00	22.69 0.69 0.00
SELKIRK___II 23799	31.95 0.66 2.73	32.02 0.74 2.73	27.91 0.69 1.00	27.18 0.88 1.22	26.65 0.83 0.22	27.10 0.71 -4.07	27.19 0.66 -2.10	26.02 0.55 -2.30	29.00 0.65 -0.31	30.51 0.67 0.21	32.05 0.81 2.12	33.27 0.91 2.63	31.41 0.86 1.28	30.93 0.77 1.35	30.66 0.74 -0.11	29.95 0.72 0.00	30.27 0.75 0.00	28.62 0.86 0.00	28.60 0.85 -0.58	28.92 0.72 0.00	28.42 0.72 0.00	26.65 0.67 0.00	22.70 0.64 0.00	22.62 0.63 0.00
SENECA OSWGO___HYD 24041	32.99 -0.54 0.49	32.91 -0.62 0.49	27.40 -0.56 0.26	26.75 -0.55 0.22	25.46 -0.54 0.04	21.82 -0.49 0.01	23.90 -0.51 0.01	22.68 -0.48 0.02	27.40 -0.61 0.03	29.22 -0.62 0.22	32.20 -0.65 0.50	33.71 -0.65 0.62	30.86 -0.63 0.35	30.60 -0.58 0.32	29.11 -0.70 0.01	28.56 -0.67 0.00	28.84 -0.69 0.00	27.19 -0.57 0.00	26.62 -0.55 0.00	27.64 -0.57 0.00	27.14 -0.56 0.00	25.42 -0.55 0.00	21.59 -0.47 0.00	21.54 -0.46 0.00
SENECA___115KV_TB3 355854	29.88 -0.40 3.74	29.73 -0.55 3.73	25.80 -0.43 1.98	25.18 -0.67 1.66	25.17 -0.57 0.31	21.60 -0.62 0.11	23.74 -0.60 0.08	22.50 -0.57 0.09	27.18 -0.69 0.18	28.11 -0.69 1.26	29.39 -1.07 2.90	30.17 -1.22 3.60	28.77 -1.03 2.03	28.99 -0.67 1.85	29.10 -0.67 0.04	28.61 -0.62 0.00	28.71 -0.82 0.00	27.04 -0.73 0.00	26.23 -0.98 -0.04	27.14 -1.07 0.00	26.53 -1.17 0.00	24.86 -1.02 0.09	21.00 -0.76 0.30	15.72 -0.56 5.71
SENECA___ENERGY 23797	31.54 -0.03 2.44	31.38 -0.20 2.43	26.72 -0.21 1.30	26.14 -0.29 1.09	25.58 -0.26 0.20	22.00 -0.26 0.07	24.09 -0.28 0.06	22.86 -0.25 0.06	27.60 -0.32 0.12	28.96 -0.25 0.84	31.09 -0.33 1.94	32.24 -0.34 2.41	30.21 -0.27 1.36	30.15 -0.12 1.24	29.58 -0.21 0.03	29.11 -0.12 0.00	29.34 -0.19 0.00	27.72 -0.05 0.00	27.13 -0.07 -0.03	28.16 -0.05 0.00	27.60 -0.10 0.00	25.95 -0.04 -0.02	22.01 -0.12 -0.07	23.19 -0.17 -1.36
SHOEMAKER___GT 23640	32.78 1.25 2.49	32.85 1.32 2.48	26.66 1.09 2.65	27.57 1.15 1.11	26.92 1.08 0.20	13.36 0.92 9.89	20.21 0.95 5.17	18.46 0.91 5.62	27.86 1.08 1.26	28.33 1.10 2.82	32.75 1.32 1.93	34.07 1.48 2.39	31.34 1.44 1.94	31.69 1.42 1.23	30.80 1.34 0.35	30.51 1.29 0.00	30.81 1.29 0.00	29.10 1.33 0.00	28.73 1.31 -0.26	29.43 1.22 0.00	28.96 1.26 0.00	27.20 1.23 0.00	23.15 1.09 0.00	23.08 1.08 0.00
SHOEMAKR_138KV_BK 111 55601	32.77 1.23 2.48	32.84 1.30 2.48	26.72 1.07 2.58	27.55 1.13 1.10	26.91 1.07 0.20	13.65 0.92 9.59	20.36 0.95 5.01	18.63 0.92 5.46	27.91 1.08 1.21	28.44 1.10 2.72	32.75 1.32 1.93	34.08 1.48 2.39	31.38 1.45 1.90	31.69 1.41 1.23	30.83 1.35 0.34	30.52 1.29 0.00	30.81 1.29 0.00	29.10 1.34 0.00	28.74 1.31 -0.26	29.42 1.21 0.00	28.96 1.26 0.00	27.20 1.23 0.00	23.14 1.08 0.00	23.08 1.08 0.00
SHOREHAM_IC_1 23715	33.80 2.35 2.56	34.33 2.87 2.56	35.86 2.34 -5.29	34.27 2.31 -4.44	32.98 2.18 -4.77	47.35 1.88 -23.15	40.33 1.99 -13.92	33.26 2.00 -8.09	31.80 2.36 -1.40	48.68 2.45 -16.17	46.79 2.76 -10.67	36.41 2.96 1.53	37.39 2.89 -2.66	35.36 2.90 -0.95	36.45 2.92 -3.71	32.42 2.60 -0.60	31.83 2.30 0.00	29.65 1.89 0.00	29.22 1.75 -0.30	29.72 1.51 0.00	29.77 2.06 0.00	27.91 1.94 0.00	23.90 1.84 0.00	23.79 1.80 0.00
SHOREHAM_IC_2 23716	33.80 2.35 2.56	34.33 2.87 2.56	35.86 2.34 -5.29	34.27 2.31 -4.44	32.98 2.18 -4.77	47.35 1.88 -23.15	40.33 1.99 -13.92	33.26 2.00 -8.09	31.80 2.36 -1.40	48.68 2.45 -16.17	46.79 2.76 -10.67	36.41 2.96 1.53	37.39 2.89 -2.66	35.36 2.90 -0.95	36.45 2.92 -3.71	32.42 2.60 -0.60	31.83 2.30 0.00	29.65 1.89 0.00	29.22 1.75 -0.30	29.72 1.51 0.00	29.77 2.06 0.00	27.91 1.94 0.00	23.90 1.84 0.00	23.79 1.80 0.00

SISSONVILLE____ 23735	32.21 -0.34 1.48	32.07 -0.47 1.47	26.93 -0.51 0.78	26.13 -0.73 0.66	25.11 -0.81 0.12	21.76 -0.52 0.04	23.99 -0.40 0.03	22.86 -0.28 0.03	27.75 -0.24 0.06	29.43 -0.22 0.39	32.14 -0.31 0.91	33.44 -0.42 1.13	30.63 -0.57 0.64	30.27 -0.65 0.58	29.20 -0.61 0.01	28.68 -0.54 0.00	29.19 -0.34 0.00	27.09 -0.67 0.00	26.63 -0.54 0.00	27.76 -0.44 0.00	27.27 -0.43 0.00	25.50 -0.47 0.00	21.54 -0.52 0.00	21.57 -0.43 0.00
SITHE_IND_GS1 24169	19.98 -1.05 12.99	19.95 -1.10 12.96	20.37 -0.96 6.89	20.78 -0.96 5.78	24.06 -0.91 1.07	21.16 -0.79 0.37	23.28 -0.85 0.30	22.05 -0.81 0.31	26.45 -1.01 0.59	24.78 -1.07 4.20	22.46 -1.19 9.72	21.72 -1.24 12.03	23.92 -1.12 6.79	24.24 -1.07 6.20	28.66 -1.02 0.14	28.25 -0.98 0.00	28.53 -1.00 0.00	26.88 -0.88 0.00	26.29 -0.88 0.00	27.28 -0.93 0.00	26.76 -0.94 0.00	25.10 -0.87 0.00	21.33 -0.73 0.00	21.26 -0.73 0.00
SITHE_IND_GS2 24170	19.98 -1.05 12.99	19.95 -1.10 12.96	20.37 -0.96 6.89	20.78 -0.96 5.78	24.06 -0.91 1.07	21.16 -0.79 0.37	23.28 -0.85 0.30	22.05 -0.81 0.31	26.45 -1.01 0.59	24.78 -1.07 4.20	22.46 -1.19 9.72	21.72 -1.24 12.03	23.92 -1.12 6.79	24.24 -1.07 6.20	28.66 -1.02 0.14	28.25 -0.98 0.00	28.53 -1.00 0.00	26.88 -0.88 0.00	26.29 -0.88 0.00	27.28 -0.93 0.00	26.76 -0.94 0.00	25.10 -0.87 0.00	21.33 -0.73 0.00	21.26 -0.73 0.00
SITHE_IND_GS3 24171	19.98 -1.05 12.99	19.95 -1.10 12.96	20.37 -0.96 6.89	20.78 -0.96 5.78	24.06 -0.91 1.07	21.16 -0.79 0.37	23.28 -0.85 0.30	22.05 -0.81 0.31	26.45 -1.01 0.59	24.78 -1.07 4.20	22.46 -1.19 9.72	21.72 -1.24 12.03	23.92 -1.12 6.79	24.24 -1.07 6.20	28.66 -1.02 0.14	28.25 -0.98 0.00	28.53 -1.00 0.00	26.88 -0.88 0.00	26.29 -0.88 0.00	27.28 -0.93 0.00	26.76 -0.94 0.00	25.10 -0.87 0.00	21.33 -0.73 0.00	21.26 -0.73 0.00
SITHE_IND_GS4 24172	19.98 -1.05 12.99	19.95 -1.10 12.96	20.37 -0.96 6.89	20.78 -0.96 5.78	24.06 -0.91 1.07	21.16 -0.79 0.37	23.28 -0.85 0.30	22.05 -0.81 0.31	26.45 -1.01 0.59	24.78 -1.07 4.20	22.46 -1.19 9.72	21.72 -1.24 12.03	23.92 -1.12 6.79	24.24 -1.07 6.20	28.66 -1.02 0.14	28.25 -0.98 0.00	28.53 -1.00 0.00	26.88 -0.88 0.00	26.29 -0.88 0.00	27.28 -0.93 0.00	26.76 -0.94 0.00	25.10 -0.87 0.00	21.33 -0.73 0.00	21.26 -0.73 0.00
SITHE____BATAVIA 24024	30.19 0.04 3.87	30.03 -0.12 3.86	26.12 -0.05 2.05	25.51 -0.29 1.72	25.49 -0.23 0.32	21.89 -0.33 0.11	24.07 -0.27 0.09	22.78 -0.29 0.10	27.54 -0.33 0.18	28.63 -0.12 1.30	29.80 -0.57 3.00	30.72 -0.55 3.72	29.18 -0.56 2.10	29.38 -0.21 1.91	29.46 -0.31 0.04	28.95 -0.28 0.00	29.14 -0.39 0.00	27.55 -0.21 0.00	26.96 -0.24 -0.03	27.92 -0.29 0.00	27.31 -0.39 0.00	25.58 -0.35 0.05	21.73 -0.18 0.15	19.11 -0.01 2.88
SITHE____INDEPEND 23800	19.98 -1.05 12.99	19.95 -1.11 12.96	20.37 -0.96 6.89	20.78 -0.96 5.78	24.06 -0.91 1.07	21.16 -0.79 0.37	23.28 -0.85 0.30	22.05 -0.81 0.31	26.45 -1.01 0.59	24.78 -1.07 4.20	22.46 -1.19 9.72	21.71 -1.24 12.03	23.92 -1.12 6.79	24.24 -1.07 6.20	28.66 -1.02 0.14	28.25 -0.98 0.00	28.53 -1.00 0.00	26.88 -0.89 0.00	26.29 -0.88 0.00	27.28 -0.93 0.00	26.76 -0.94 0.00	25.10 -0.88 0.00	21.33 -0.73 0.00	21.26 -0.73 0.00
SITHE____MASSENA 23902	33.01 0.23 1.24	32.97 0.19 1.24	27.69 0.12 0.66	26.94 -0.03 0.55	25.88 -0.06 0.10	22.28 0.00 0.04	24.48 0.09 0.03	23.28 0.13 0.02	28.21 0.20 0.04	30.00 0.23 0.29	32.89 0.19 0.67	34.29 0.13 0.83	31.41 0.04 0.47	31.11 0.03 0.43	29.85 0.04 0.01	29.28 0.05 0.00	29.63 0.10 0.00	27.63 -0.14 0.00	27.06 -0.11 0.00	28.21 0.00 0.00	27.70 0.00 0.00	25.96 -0.01 0.00	21.95 -0.11 0.00	21.92 -0.08 0.00
SITHE____OGDNSBRG 24021	33.26 0.62 1.38	33.17 0.53 1.38	27.85 0.36 0.73	27.07 0.16 0.62	26.02 0.09 0.11	22.46 0.17 0.04	24.71 0.32 0.03	23.51 0.36 0.03	28.51 0.51 0.05	30.30 0.61 0.35	33.15 0.60 0.82	34.52 0.55 1.01	31.61 0.35 0.57	31.24 0.26 0.52	30.09 0.29 0.01	29.55 0.32 0.00	29.98 0.44 0.00	27.92 0.16 0.00	27.43 0.26 0.00	28.61 0.40 0.00	28.10 0.40 0.00	26.30 0.33 0.00	22.19 0.13 0.00	22.16 0.16 0.00
SITHE____STERLING 23777	31.23 0.88 3.67	31.06 0.71 3.66	26.76 0.49 1.95	26.33 0.45 1.63	26.17 0.43 0.30	22.65 0.43 0.11	24.84 0.50 0.08	23.57 0.49 0.09	28.46 0.59 0.18	29.45 0.64 1.25	31.16 0.70 2.90	32.33 0.92 3.58	30.59 0.77 2.02	30.47 0.80 1.84	30.67 0.90 0.04	30.09 0.87 0.00	30.37 0.84 0.00	28.68 0.92 0.00	28.05 0.88 0.00	29.19 0.98 0.00	28.68 0.98 0.00	26.83 0.86 0.00	22.73 0.67 0.00	22.60 0.61 0.00
SLEIGHT__34_KV_TB1 80719	32.05 0.75 2.72	31.88 0.58 2.71	27.22 0.43 1.44	26.59 0.28 1.21	26.12 0.31 0.22	22.46 0.21 0.08	24.63 0.27 0.06	23.36 0.26 0.07	28.26 0.35 0.13	29.64 0.52 0.93	31.72 0.51 2.15	32.89 0.57 2.66	30.86 0.53 1.50	30.83 0.70 1.37	30.35 0.57 0.03	29.89 0.66 0.00	30.21 0.68 0.00	28.48 0.72 0.00	27.90 0.70 -0.03	28.95 0.74 0.00	28.33 0.63 0.00	26.56 0.59 0.00	22.45 0.39 0.00	22.35 0.35 0.00
SOUTH CAIRO____GT 23612	33.52 2.19 2.69	33.50 2.17 2.68	29.00 1.84 1.07	28.32 2.00 1.20	27.72 1.90 0.22	26.98 1.63 -3.03	27.61 1.62 -1.56	26.29 1.41 -1.71	30.03 1.78 -0.21	31.63 1.92 0.34	33.54 2.26 2.09	34.83 2.43 2.59	32.61 2.07 1.30	32.11 1.94 1.33	31.67 1.78 -0.07	31.08 1.85 0.00	31.53 2.00 0.00	30.01 2.24 0.00	30.02 2.33 -0.52	30.43 2.23 0.00	29.82 2.12 0.00	27.86 1.89 0.00	23.65 1.58 0.00	23.48 1.49 0.00
SOUTH HAMPTN____IC 23720	34.66 3.20 2.56	35.17 3.71 2.56	36.55 3.03 -5.29	34.94 2.98 -4.44	33.59 2.78 -4.77	47.88 2.40 -23.15	40.91 2.57 -13.92	33.82 2.56 -8.09	32.52 3.08 -1.40	49.50 3.28 -16.17	47.74 3.70 -10.67	37.42 3.96 1.53	38.34 3.84 -2.66	36.25 3.79 -0.95	37.34 3.81 -3.71	33.26 3.44 -0.60	32.62 3.09 0.00	30.35 2.58 0.00	29.88 2.41 -0.30	30.38 2.17 0.00	30.42 2.72 0.00	28.56 2.59 0.00	24.41 2.35 0.00	24.27 2.28 0.00
SOUTHDOW_115KV_TB1 355954	31.10 0.73 3.65	30.77 0.40 3.64	26.45 0.16 1.93	25.69 -0.20 1.62	25.70 -0.04 0.30	22.13 -0.08 0.10	24.35 0.01 0.08	23.25 0.17 0.09	28.18 0.31 0.17	29.18 0.35 1.22	30.68 0.15 2.83	31.59 0.10 3.51	30.10 0.24 1.98	30.29 0.60 1.81	30.37 0.60 0.04	29.83 0.60 0.00	29.85 0.32 0.00	28.03 0.27 0.00	27.28 0.07 -0.04	28.20 -0.01 0.00	27.49 -0.22 0.00	25.75 -0.17 0.05	21.70 -0.20 0.16	18.97 -0.06 2.97
SOUTHOLD_69_KV_BK 2 55809	35.66 4.21 2.56	36.21 4.75 2.56	37.38 3.87 -5.29	35.73 3.76 -4.44	34.33 3.52 -4.77	48.50 3.02 -23.15	41.61 3.27 -13.92	34.49 3.23 -8.09	33.36 3.92 -1.40	50.42 4.20 -16.17	48.79 4.75 -10.67	38.55 5.10 1.53	39.39 4.89 -2.66	37.24 4.79 -0.95	38.32 4.79 -3.71	34.23 4.40 -0.60	33.22 3.69 0.00	30.68 2.91 0.00	30.18 2.72 -0.30	30.68 2.47 0.00	30.88 3.18 0.00	29.33 3.36 0.00	25.03 2.96 0.00	24.85 2.86 0.00

SOUTHOLD___IC 23719	35.66 4.20 2.56	36.20 4.74 2.56	37.38 3.87 -5.29	35.73 3.76 -4.44	34.33 3.52 -4.77	48.50 3.02 -23.15	41.61 3.27 -13.92	34.50 3.23 -8.09	33.36 3.92 -1.40	50.42 4.20 -16.17	48.78 4.75 -10.67	38.54 5.08 1.53	39.39 4.89 -2.66	37.24 4.78 -0.95	38.31 4.79 -3.71	34.23 4.40 -0.60	33.22 3.69 0.00	30.68 2.91 0.00	30.18 2.72 -0.30	30.68 2.47 0.00	30.88 3.18 0.00	29.33 3.36 0.00	25.03 2.96 0.00	24.85 2.86 0.00
SPIERFLS_115KV_TB 1 80737	32.66 1.49 2.85	32.71 1.53 2.84	28.45 1.28 1.06	27.59 1.34 1.27	27.07 1.26 0.23	27.56 1.08 -4.16	27.64 1.07 -2.14	26.52 1.00 -2.35	29.66 1.30 -0.31	31.25 1.44 0.24	32.85 1.70 2.21	34.05 1.81 2.74	32.21 1.71 1.34	31.74 1.65 1.41	31.63 1.70 -0.11	30.97 1.74 0.00	31.35 1.82 0.00	29.71 1.95 0.00	30.06 1.93 -0.97	30.04 1.83 0.00	29.42 1.72 0.00	27.52 1.55 0.00	23.38 1.32 0.00	23.20 1.20 0.00
ST LAWRENCE____ 23600	32.74 -0.09 1.19	32.71 -0.12 1.19	27.48 -0.12 0.63	26.75 -0.24 0.53	25.70 -0.25 0.10	22.10 -0.19 0.03	24.27 -0.13 0.03	23.06 -0.09 0.02	27.94 -0.06 0.04	29.73 -0.06 0.27	32.63 -0.12 0.62	34.03 -0.19 0.76	31.17 -0.23 0.43	30.88 -0.23 0.39	29.61 -0.20 0.01	29.03 -0.20 0.00	29.35 -0.18 0.00	27.38 -0.38 0.00	26.81 -0.36 0.00	27.95 -0.26 0.00	27.45 -0.25 0.00	25.73 -0.24 0.00	21.76 -0.30 0.00	21.72 -0.28 0.00
STATE_CA_115KV_115_LB 55624	32.01 0.77 2.78	32.09 0.85 2.77	27.98 0.77 1.01	27.24 0.96 1.24	26.73 0.91 0.23	27.33 0.77 -4.24	27.34 0.73 -2.19	26.19 0.62 -2.40	29.10 0.73 -0.32	30.63 0.78 0.20	32.18 0.97 2.16	33.39 1.08 2.67	31.55 1.01 1.30	31.05 0.92 1.38	30.83 0.90 -0.11	30.13 0.90 0.00	30.48 0.95 0.00	28.84 1.08 0.00	28.95 1.03 -0.75	29.08 0.87 0.00	28.56 0.86 0.00	26.75 0.78 0.00	22.78 0.72 0.00	22.70 0.70 0.00
STATE_ST_34_KV_LOAD 55959	32.33 0.48 2.16	32.22 0.37 2.16	27.33 0.25 1.15	26.66 0.10 0.96	26.02 0.15 0.18	22.39 0.13 0.06	24.53 0.15 0.05	23.26 0.14 0.06	28.08 0.14 0.11	29.53 0.23 0.75	31.75 0.13 1.74	33.09 0.26 2.16	30.81 0.18 1.22	30.74 0.34 1.11	29.98 0.18 0.03	29.57 0.34 0.00	29.88 0.36 0.00	28.09 0.33 0.00	27.50 0.31 -0.03	28.64 0.43 0.00	28.08 0.38 0.00	26.37 0.38 -0.01	22.32 0.22 -0.04	22.97 0.19 -0.78
STATION 5_MISC_HYD 23604	29.84 -0.22 3.96	29.73 -0.33 3.96	25.84 -0.28 2.10	25.31 -0.45 1.77	25.31 -0.40 0.33	21.76 -0.45 0.11	23.90 -0.43 0.09	22.66 -0.41 0.10	27.37 -0.48 0.19	28.32 -0.40 1.33	29.69 -0.60 3.07	30.52 -0.67 3.80	29.09 -0.60 2.15	29.16 -0.39 1.96	29.34 -0.43 0.04	28.88 -0.35 0.00	29.11 -0.42 0.00	27.48 -0.28 0.00	26.85 -0.35 -0.03	27.77 -0.44 0.00	27.17 -0.53 0.00	25.48 -0.49 0.00	21.71 -0.36 0.00	21.69 -0.30 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	30.60 0.07 3.49	30.46 -0.07 3.48	26.28 -0.10 1.85	25.75 -0.21 1.55	25.56 -0.19 0.29	21.98 -0.24 0.10	24.12 -0.22 0.08	22.90 -0.18 0.09	27.67 -0.21 0.16	28.75 -0.12 1.18	30.45 -0.19 2.72	31.38 -0.24 3.37	29.75 -0.18 1.90	29.73 -0.04 1.74	29.69 -0.09 0.04	29.22 -0.01 0.00	29.50 -0.02 0.00	27.87 0.10 0.00	27.26 0.06 -0.03	28.23 0.02 0.00	27.63 -0.08 0.00	25.92 -0.05 0.00	21.97 -0.09 0.00	21.90 -0.10 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	29.67 -0.40 3.95	29.55 -0.52 3.94	25.68 -0.44 2.10	25.17 -0.59 1.76	25.18 -0.54 0.32	21.65 -0.55 0.11	23.77 -0.56 0.09	22.55 -0.52 0.10	27.24 -0.61 0.18	28.20 -0.53 1.32	29.59 -0.71 3.06	30.40 -0.79 3.79	28.99 -0.71 2.14	29.04 -0.51 1.95	29.24 -0.53 0.04	28.78 -0.45 0.00	29.03 -0.50 0.00	27.40 -0.37 0.00	26.79 -0.41 -0.03	27.70 -0.51 0.00	27.10 -0.60 0.00	25.41 -0.56 0.00	21.62 -0.45 0.00	21.58 -0.41 0.00
STA_56___34_KV_BUS2 355983	29.67 -0.40 3.95	29.55 -0.52 3.94	25.68 -0.44 2.10	25.17 -0.59 1.76	25.18 -0.54 0.32	21.65 -0.55 0.11	23.77 -0.56 0.09	22.55 -0.52 0.10	27.24 -0.61 0.18	28.20 -0.53 1.32	29.59 -0.71 3.06	30.40 -0.79 3.79	28.99 -0.71 2.14	29.04 -0.51 1.95	29.24 -0.53 0.04	28.78 -0.45 0.00	29.03 -0.50 0.00	27.40 -0.37 0.00	26.79 -0.41 -0.03	27.70 -0.51 0.00	27.10 -0.60 0.00	25.41 -0.56 0.00	21.62 -0.45 0.00	21.58 -0.41 0.00
STA_67___115KV_BK2 355882	29.74 -0.31 3.97	29.63 -0.43 3.96	25.76 -0.36 2.11	25.25 -0.50 1.77	25.25 -0.46 0.33	21.72 -0.49 0.11	23.85 -0.49 0.09	22.61 -0.46 0.10	27.31 -0.55 0.19	28.25 -0.48 1.33	29.61 -0.67 3.08	30.41 -0.77 3.81	28.99 -0.70 2.15	29.06 -0.49 1.96	29.25 -0.52 0.04	28.79 -0.44 0.00	29.02 -0.51 0.00	27.39 -0.38 0.00	26.75 -0.44 -0.03	27.68 -0.52 0.00	27.09 -0.62 0.00	25.41 -0.56 0.00	21.63 -0.43 0.00	21.63 -0.37 0.00
STA_7___115KV_9TRANS 80674	30.01 -0.04 3.96	29.88 -0.17 3.96	25.96 -0.16 2.10	25.43 -0.33 1.77	25.42 -0.29 0.33	21.86 -0.35 0.11	24.00 -0.34 0.09	22.76 -0.31 0.10	27.51 -0.35 0.19	28.48 -0.24 1.33	29.88 -0.41 3.07	30.71 -0.48 3.80	29.28 -0.42 2.15	29.35 -0.20 1.96	29.53 -0.24 0.04	29.07 -0.15 0.00	29.33 -0.19 0.00	27.70 -0.06 0.00	27.07 -0.13 -0.03	28.00 -0.21 0.00	27.38 -0.32 0.00	25.68 -0.29 0.00	21.85 -0.21 0.00	21.82 -0.17 0.00
STA_82___115KV_TB1 80780	29.79 -0.29 3.95	29.67 -0.41 3.94	25.79 -0.34 2.09	25.27 -0.49 1.76	25.27 -0.45 0.32	21.72 -0.49 0.11	23.85 -0.48 0.09	22.62 -0.45 0.10	27.33 -0.53 0.18	28.27 -0.46 1.32	29.64 -0.67 3.06	30.45 -0.75 3.79	29.03 -0.67 2.14	29.09 -0.46 1.95	29.28 -0.50 0.04	28.81 -0.42 0.00	29.04 -0.49 0.00	27.40 -0.37 0.00	26.77 -0.42 -0.03	27.69 -0.51 0.00	27.11 -0.59 0.00	25.43 -0.54 0.00	21.65 -0.41 0.00	21.64 -0.36 0.00
STEEL___WIND 323596	29.86 -0.42 3.74	29.73 -0.55 3.73	25.79 -0.45 1.98	25.18 -0.68 1.66	25.15 -0.58 0.31	21.59 -0.63 0.11	23.72 -0.62 0.08	22.49 -0.59 0.09	27.16 -0.70 0.18	28.07 -0.72 1.26	29.35 -1.11 2.90	30.14 -1.25 3.60	28.74 -1.07 2.03	28.95 -0.70 1.85	29.06 -0.72 0.04	28.56 -0.67 0.00	28.66 -0.87 0.00	26.99 -0.78 0.00	26.19 -1.02 -0.04	27.08 -1.13 0.00	26.48 -1.22 0.00	24.80 -1.08 0.09	20.96 -0.79 0.30	15.69 -0.60 5.71
STEPHTWN_115KV_BK_2 55603	32.24 0.97 2.75	32.33 1.06 2.74	28.12 0.90 1.00	27.33 1.03 1.22	26.90 1.08 0.23	27.51 0.94 -4.25	27.46 0.84 -2.19	26.35 0.78 -2.40	29.22 0.86 -0.33	30.86 1.00 0.19	32.35 1.12 2.14	33.66 1.32 2.64	31.73 1.18 1.29	31.24 1.09 1.36	31.05 1.12 -0.11	30.32 1.09 0.00	30.63 1.10 0.00	28.97 1.20 0.00	29.03 1.21 -0.65	29.27 1.06 0.00	28.69 0.99 0.00	26.82 0.85 0.00	22.89 0.83 0.00	22.79 0.79 0.00
STEUBEN_REC_LFGE 323667	31.08 0.31 3.25	30.55 -0.23 3.24	26.68 0.18 1.72	26.11 0.04 1.45	25.83 0.05 0.27	22.19 -0.04 0.09	24.20 -0.14 0.07	22.99 -0.09 0.08	27.87 -0.01 0.15	28.90 -0.05 1.10	30.70 -0.12 2.54	31.51 -0.33 3.14	30.04 -0.03 1.78	29.99 0.10 1.62	29.83 0.05 0.04	29.33 0.10 0.00	29.55 0.02 0.00	28.01 0.25 0.00	27.26 0.04 -0.05	28.28 0.07 0.00	27.53 -0.17 0.00	26.20 0.03 -0.20	22.53 -0.21 -0.67	34.27 -0.39 -12.66

STONY___BROOK 24151	34.00 2.55 2.56	34.47 3.01 2.56	36.04 2.53 -5.29	34.47 2.51 -4.44	33.18 2.37 -4.77	47.53 2.06 -23.15	40.51 2.17 -13.92	33.43 2.16 -8.09	32.01 2.57 -1.40	48.87 2.65 -16.17	46.99 2.97 -10.67	36.63 3.18 1.53	37.56 3.06 -2.66	35.60 3.14 -0.95	36.63 3.10 -3.71	32.49 2.66 -0.60	31.93 2.40 0.00	29.74 1.98 0.00	29.30 1.83 -0.30	29.73 1.52 0.00	29.77 2.07 0.00	27.99 2.03 0.00	23.93 1.87 0.00	23.85 1.85 0.00
STURGEON_POOL_HYD 23609	32.92 1.48 2.58	33.00 1.56 2.58	28.15 1.30 1.37	27.74 1.37 1.15	27.12 1.29 0.21	23.37 1.12 0.07	25.52 1.15 0.06	24.24 1.14 0.06	29.27 1.35 0.12	30.58 1.39 0.87	32.99 1.64 2.01	34.35 1.85 2.48	32.24 1.80 1.40	32.01 1.78 1.28	31.48 1.69 0.03	30.81 1.59 0.00	31.10 1.56 0.00	29.36 1.59 0.00	29.06 1.55 -0.34	29.66 1.45 0.00	29.23 1.53 0.00	27.46 1.49 0.00	23.39 1.33 0.00	23.32 1.33 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	32.90 1.39 2.50	32.97 1.46 2.50	26.52 1.20 2.90	27.65 1.24 1.11	27.01 1.18 0.21	12.48 1.02 10.87	19.83 1.09 5.68	18.05 1.07 6.18	27.89 1.26 1.42	28.18 1.28 3.14	32.94 1.52 1.94	34.28 1.70 2.41	31.44 1.66 2.05	31.89 1.63 1.24	31.00 1.56 0.38	30.71 1.48 0.00	31.02 1.49 0.00	29.30 1.53 0.00	28.94 1.50 -0.27	29.60 1.39 0.00	29.15 1.45 0.00	27.37 1.40 0.00	23.29 1.23 0.00	23.22 1.22 0.00
SWANROAD_115KV_TB1 355699	28.62 -1.57 3.82	28.52 -1.68 3.82	24.94 -1.25 2.03	24.39 -1.43 1.70	24.44 -1.29 0.31	20.95 -1.26 0.11	23.06 -1.28 0.09	21.77 -1.31 0.09	26.26 -1.60 0.18	27.09 -1.68 1.28	28.15 -2.25 2.97	28.81 -2.50 3.67	27.59 -2.17 2.07	27.83 -1.78 1.89	27.96 -1.81 0.04	27.48 -1.75 0.00	27.53 -2.00 0.00	25.92 -1.85 0.00	25.21 -2.00 -0.04	26.06 -2.15 0.00	25.53 -2.17 0.00	23.94 -1.96 0.07	20.40 -1.43 0.23	16.57 -1.08 4.34
SYNERGY___BIOGAS 323694	30.19 0.04 3.87	30.03 -0.12 3.86	26.12 -0.05 2.05	25.51 -0.29 1.72	25.49 -0.23 0.32	21.89 -0.33 0.11	24.07 -0.27 0.09	22.78 -0.29 0.10	27.54 -0.33 0.18	28.63 -0.12 1.30	29.80 -0.57 3.00	30.72 -0.55 3.72	29.18 -0.56 2.10	29.38 -0.21 1.91	29.46 -0.31 0.04	28.95 -0.28 0.00	29.14 -0.39 0.00	27.55 -0.21 0.00	26.96 -0.24 -0.03	27.92 -0.29 0.00	27.31 -0.39 0.00	25.58 -0.35 0.05	21.73 -0.18 0.15	19.11 -0.01 2.88
SYRACUSE___ENERGY_ST1 323597	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	31.98 -0.05 1.99	31.90 -0.13 1.99	27.00 -0.16 1.06	26.43 -0.20 0.89	25.68 -0.19 0.16	22.08 -0.18 0.06	24.19 -0.19 0.05	22.95 -0.17 0.05	27.72 -0.23 0.10	29.16 -0.19 0.70	31.53 -0.21 1.61	32.79 -0.20 2.00	30.52 -0.19 1.13	30.36 -0.11 1.03	29.67 -0.12 0.02	29.14 -0.09 0.00	29.45 -0.08 0.00	27.76 0.00 0.00	27.13 -0.04 0.00	28.18 -0.04 0.00	27.64 -0.07 0.00	25.90 -0.07 0.00	21.97 -0.09 0.00	21.89 -0.11 0.00
SYRACUSE___POWER 24017	31.31 -0.05 2.65	31.23 -0.14 2.65	26.65 -0.17 1.41	26.14 -0.20 1.18	25.63 -0.19 0.22	22.06 -0.19 0.08	24.16 -0.21 0.06	22.92 -0.18 0.07	27.68 -0.24 0.13	28.93 -0.22 0.91	31.03 -0.22 2.11	32.14 -0.24 2.61	30.15 -0.22 1.47	30.01 -0.15 1.34	29.66 -0.13 0.03	29.12 -0.11 0.00	29.41 -0.12 0.00	27.75 -0.02 0.00	27.12 -0.05 0.00	28.15 -0.06 0.00	27.61 -0.09 0.00	25.88 -0.09 0.00	21.95 -0.11 0.00	21.88 -0.12 0.00
TALLMAN___138KV_BK151 55660	33.00 1.51 2.52	33.08 1.59 2.52	25.99 1.29 3.52	27.73 1.33 1.12	27.10 1.27 0.21	10.06 1.12 13.38	18.64 1.21 6.99	16.74 1.18 7.61	27.66 1.40 1.79	27.57 1.40 3.89	33.06 1.66 1.96	34.42 1.87 2.43	31.36 1.82 2.30	32.04 1.79 1.25	31.07 1.72 0.46	30.84 1.61 0.00	31.16 1.63 0.00	29.44 1.67 0.00	29.09 1.64 -0.28	29.72 1.51 0.00	29.28 1.58 0.00	27.51 1.54 0.00	23.42 1.36 0.00	23.34 1.35 0.00
TEALLAVE_115KV_TB7 355573	30.86 -0.26 2.91	30.77 -0.34 2.90	26.35 -0.33 1.54	25.87 -0.36 1.29	25.46 -0.34 0.24	21.93 -0.31 0.08	24.02 -0.34 0.07	22.78 -0.31 0.07	27.50 -0.40 0.14	28.67 -0.39 0.99	30.64 -0.43 2.30	31.68 -0.47 2.84	29.80 -0.44 1.60	29.68 -0.36 1.46	29.45 -0.34 0.03	28.90 -0.33 0.00	29.21 -0.33 0.00	27.55 -0.22 0.00	26.92 -0.25 0.00	27.93 -0.28 0.00	27.40 -0.30 0.00	25.68 -0.29 0.00	21.80 -0.27 0.00	21.73 -0.27 0.00
TELGRAPH_34_KV_EAST 80808	29.48 -0.69 3.85	29.36 -0.82 3.84	25.58 -0.60 2.04	24.99 -0.82 1.71	25.01 -0.71 0.32	21.46 -0.75 0.11	23.60 -0.73 0.09	22.32 -0.76 0.10	26.97 -0.89 0.18	27.81 -0.95 1.29	29.08 -1.30 2.99	29.85 -1.44 3.70	28.48 -1.27 2.09	28.70 -0.91 1.91	28.83 -0.95 0.04	28.36 -0.87 0.00	28.47 -1.06 0.00	26.84 -0.92 0.00	26.16 -1.05 -0.03	27.05 -1.16 0.00	26.47 -1.23 0.00	24.80 -1.11 0.06	21.10 -0.77 0.19	17.89 -0.52 3.59
TEMPLE___115KV_TB 2 55572	30.88 -0.24 2.90	30.80 -0.31 2.90	26.37 -0.31 1.54	25.89 -0.33 1.29	25.48 -0.32 0.24	21.95 -0.29 0.08	24.03 -0.32 0.07	22.80 -0.30 0.07	27.52 -0.38 0.14	28.69 -0.37 0.99	30.67 -0.40 2.29	31.71 -0.44 2.84	29.83 -0.41 1.60	29.71 -0.33 1.46	29.48 -0.31 0.03	28.93 -0.30 0.00	29.23 -0.30 0.00	27.57 -0.20 0.00	26.94 -0.23 0.00	27.95 -0.26 0.00	27.42 -0.28 0.00	25.70 -0.27 0.00	21.82 -0.25 0.00	21.74 -0.25 0.00
TIANA___69_KV_BK 1 55817	34.46 3.00 2.56	34.96 3.51 2.56	36.38 2.87 -5.29	34.77 2.81 -4.44	33.45 2.64 -4.77	47.75 2.28 -23.15	40.77 2.43 -13.92	33.68 2.42 -8.09	32.35 2.91 -1.40	49.31 3.09 -16.17	47.51 3.48 -10.67	37.20 3.74 1.53	38.11 3.61 -2.66	36.03 3.57 -0.95	37.12 3.59 -3.71	33.06 3.23 -0.60	32.42 2.89 0.00	30.18 2.41 0.00	29.72 2.25 -0.30	30.22 2.01 0.00	30.25 2.55 0.00	28.40 2.43 0.00	24.28 2.22 0.00	24.15 2.15 0.00
TILDEN___115KV_TB1 80814	31.31 -0.05 2.65	31.23 -0.14 2.65	26.65 -0.17 1.41	26.14 -0.20 1.18	25.63 -0.19 0.22	22.06 -0.19 0.08	24.16 -0.21 0.06	22.92 -0.18 0.07	27.68 -0.24 0.13	28.93 -0.22 0.91	31.03 -0.22 2.11	32.14 -0.24 2.61	30.15 -0.22 1.47	30.01 -0.15 1.34	29.66 -0.13 0.03	29.12 -0.11 0.00	29.41 -0.12 0.00	27.75 -0.02 0.00	27.12 -0.05 0.00	28.15 -0.06 0.00	27.61 -0.09 0.00	25.88 -0.09 0.00	21.95 -0.11 0.00	21.88 -0.12 0.00
TRIGEN___CC 323695	33.57 2.11 2.56	33.87 2.42 2.56	35.56 2.05 -5.29	34.03 2.07 -4.44	32.76 1.96 -4.77	47.17 1.69 -23.15	40.12 1.78 -13.92	33.00 1.74 -8.09	31.49 2.04 -1.40	48.35 2.13 -16.17	46.38 2.36 -10.67	36.02 2.56 1.53	36.99 2.50 -2.66	34.98 2.52 -0.95	35.91 2.39 -3.71	31.97 2.15 -0.60	31.56 2.03 0.00	29.68 1.91 0.00	29.31 1.84 -0.30	29.86 1.65 0.00	29.65 1.95 0.00	27.87 1.89 0.00	23.77 1.71 0.00	23.67 1.67 0.00

TRINITY__115KV__4 BK 55933	31.85 0.59 2.76	31.94 0.68 2.75	27.87 0.64 1.00	27.14 0.84 1.23	26.62 0.81 0.23	27.25 0.67 -4.26	27.25 0.63 -2.20	26.09 0.52 -2.41	28.98 0.61 -0.33	30.49 0.63 0.19	32.01 0.78 2.14	33.23 0.89 2.65	31.39 0.84 1.29	30.87 0.73 1.37	30.64 0.71 -0.11	29.93 0.70 0.00	30.27 0.74 0.00	28.64 0.88 0.00	28.69 0.86 -0.67	28.90 0.69 0.00	28.39 0.69 0.00	26.60 0.63 0.00	22.67 0.61 0.00	22.60 0.60 0.00
UNION__PROCESSING_DRP 323587	29.81 -0.27 3.94	29.69 -0.40 3.93	25.80 -0.33 2.09	25.29 -0.48 1.75	25.28 -0.44 0.32	21.74 -0.47 0.11	23.87 -0.46 0.09	22.63 -0.44 0.10	27.34 -0.52 0.18	28.29 -0.44 1.32	29.66 -0.65 3.05	30.47 -0.74 3.78	29.04 -0.66 2.13	29.11 -0.45 1.94	29.28 -0.49 0.04	28.82 -0.41 0.00	29.05 -0.48 0.00	27.41 -0.35 0.00	26.78 -0.41 -0.03	27.71 -0.50 0.00	27.12 -0.58 0.00	25.44 -0.54 0.00	21.66 -0.40 0.00	21.65 -0.35 0.00
UPPER HUDSON__HYD 24058	32.66 1.49 2.85	32.71 1.54 2.84	28.45 1.28 1.06	27.59 1.33 1.27	27.07 1.26 0.23	27.56 1.08 -4.16	27.64 1.07 -2.14	26.52 1.00 -2.35	29.66 1.30 -0.31	31.25 1.44 0.24	32.85 1.70 2.21	34.05 1.80 2.74	32.21 1.71 1.34	31.74 1.64 1.41	31.62 1.70 -0.11	30.97 1.74 0.00	31.35 1.82 0.00	29.72 1.95 0.00	30.06 1.93 -0.97	30.04 1.83 0.00	29.42 1.72 0.00	27.52 1.55 0.00	23.38 1.32 0.00	23.20 1.20 0.00
UPPER RAQUET__HYD 24056	32.21 -0.34 1.48	32.07 -0.47 1.47	26.93 -0.51 0.78	26.13 -0.73 0.66	25.11 -0.81 0.12	21.76 -0.52 0.04	23.99 -0.40 0.03	22.86 -0.28 0.03	27.75 -0.24 0.06	29.44 -0.22 0.39	32.14 -0.31 0.91	33.44 -0.42 1.13	30.63 -0.57 0.64	30.27 -0.65 0.58	29.20 -0.61 0.01	28.69 -0.54 0.00	29.19 -0.34 0.00	27.09 -0.67 0.00	26.63 -0.54 0.00	27.76 -0.44 0.00	27.27 -0.43 0.00	25.50 -0.47 0.00	21.54 -0.52 0.00	21.57 -0.43 0.00
VALLEY44_115KV_TB2 355964	30.03 -0.38 3.61	29.92 -0.49 3.60	25.85 -0.45 1.91	25.20 -0.71 1.61	25.13 -0.61 0.30	21.66 -0.56 0.10	23.82 -0.52 0.08	22.68 -0.40 0.09	27.46 -0.41 0.17	28.42 -0.42 1.21	29.79 -0.77 2.81	30.51 -1.00 3.48	29.07 -0.80 1.96	29.23 -0.48 1.79	29.38 -0.40 0.04	28.88 -0.35 0.00	29.02 -0.51 0.00	27.36 -0.40 0.00	26.53 -0.68 -0.05	27.40 -0.81 0.00	26.83 -0.87 0.00	25.21 -0.72 0.04	21.44 -0.50 0.12	19.66 -0.16 2.18
VALLEY__115KV_TB 1-4 80826	29.30 -0.02 4.70	29.35 0.03 4.69	25.72 -0.01 2.49	25.57 0.15 2.09	25.89 0.23 0.39	22.44 0.25 0.13	24.45 0.13 0.11	23.18 0.13 0.12	27.92 0.10 0.23	28.52 0.07 1.61	29.80 0.16 3.72	30.65 0.28 4.62	29.58 0.34 2.60	29.34 0.21 2.38	29.93 0.17 0.05	29.46 0.23 0.00	29.78 0.25 0.00	28.23 0.46 0.00	27.68 0.51 0.00	28.60 0.39 0.00	28.03 0.33 0.00	26.23 0.25 0.00	22.37 0.31 0.00	22.29 0.30 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	32.09 1.14 3.07	32.08 1.13 3.06	27.52 0.92 1.63	27.20 1.04 1.37	26.78 0.99 0.25	23.08 0.85 0.09	25.18 0.82 0.07	23.79 0.70 0.08	28.85 0.95 0.15	30.06 1.04 1.03	32.19 1.23 2.39	33.39 1.38 2.97	31.47 1.31 1.67	31.28 1.30 1.53	31.06 1.28 0.03	30.47 1.25 0.00	30.78 1.25 0.00	29.03 1.26 0.00	28.51 1.21 -0.13	29.40 1.19 0.00	28.86 1.15 0.00	27.06 1.09 0.00	22.99 0.93 0.00	22.90 0.91 0.00
VISCHER__FERRY HYD 24020	32.34 1.13 2.81	32.46 1.25 2.80	28.32 1.11 1.02	27.55 1.28 1.25	27.03 1.22 0.23	27.74 1.03 -4.39	27.72 1.03 -2.27	26.56 0.91 -2.48	29.47 1.09 -0.33	31.01 1.16 0.20	32.55 1.37 2.18	33.76 1.47 2.70	31.86 1.34 1.31	31.32 1.21 1.39	31.09 1.15 -0.12	30.40 1.17 0.00	30.73 1.21 0.00	29.11 1.34 0.00	29.35 1.34 -0.85	29.39 1.18 0.00	28.86 1.16 0.00	27.03 1.06 0.00	23.06 1.00 0.00	22.98 0.99 0.00
V_A_10_SYNC_DSASP 323832	29.11 -0.96 3.96	29.02 -1.05 3.95	25.29 -0.83 2.10	24.75 -1.01 1.76	24.80 -0.92 0.33	21.29 -0.92 0.11	23.40 -0.93 0.09	22.16 -0.92 0.10	26.76 -1.10 0.18	27.62 -1.11 1.32	28.81 -1.48 3.06	29.51 -1.68 3.79	28.18 -1.51 2.14	28.33 -1.22 1.96	28.51 -1.26 0.04	28.03 -1.20 0.00	28.14 -1.39 0.00	26.51 -1.26 0.00	25.81 -1.39 -0.03	26.69 -1.52 0.00	26.13 -1.57 0.00	24.51 -1.42 0.05	20.85 -1.06 0.15	18.29 -0.89 2.82
V_CMM_10_SYNC_DSASP 323787	32.88 0.05 1.19	32.86 0.03 1.19	27.59 0.00 0.63	26.87 -0.12 0.53	25.81 -0.13 0.10	22.20 -0.10 0.03	24.37 -0.03 0.03	23.16 0.01 0.02	28.06 0.05 0.04	29.85 0.07 0.27	32.77 0.03 0.62	34.18 -0.04 0.76	31.31 -0.10 0.43	31.02 -0.09 0.39	29.73 -0.08 0.01	29.16 -0.06 0.00	29.48 -0.05 0.00	27.50 -0.27 0.00	26.94 -0.23 0.00	28.08 -0.13 0.00	27.57 -0.13 0.00	25.84 -0.13 0.00	21.85 -0.21 0.00	21.81 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	34.23 1.41 1.20	34.33 1.52 1.20	28.83 1.24 0.63	27.64 0.65 0.53	26.17 0.23 0.10	22.34 0.05 0.03	24.69 0.29 0.03	23.85 0.70 0.02	29.28 1.28 0.04	31.22 1.44 0.27	34.31 1.58 0.62	35.61 1.40 0.78	32.57 1.17 0.44	32.34 1.24 0.40	31.07 1.27 0.01	30.61 1.39 0.00	30.90 1.37 0.00	28.78 1.02 0.00	28.35 1.19 0.00	29.47 1.25 0.00	28.82 1.12 0.00	26.86 0.89 0.00	22.55 0.49 0.00	22.48 0.48 0.00
V_E_10_SYNC_DSASP 323830	33.69 2.53 2.86	33.59 2.43 2.85	28.36 1.66 1.52	28.00 1.75 1.27	27.55 1.74 0.23	23.78 1.54 0.08	26.09 1.73 0.07	24.84 1.74 0.07	30.03 2.12 0.14	31.32 2.24 0.97	33.57 2.46 2.25	34.98 2.78 2.78	32.93 2.67 1.57	32.72 2.65 1.44	32.10 2.32 0.03	31.55 2.33 0.00	31.90 2.37 0.00	30.36 2.59 0.00	29.73 2.48 -0.08	31.00 2.79 0.00	30.50 2.80 0.00	28.58 2.59 -0.02	24.12 2.01 -0.05	24.86 1.91 -0.96
V_F_30_NSYNC__DSASP 323816	32.88 1.71 2.84	32.94 1.76 2.84	28.67 1.50 1.05	27.86 1.61 1.27	27.33 1.52 0.23	27.81 1.30 -4.19	27.90 1.32 -2.16	26.75 1.21 -2.37	29.84 1.48 -0.31	31.43 1.61 0.23	33.03 1.87 2.21	34.27 2.01 2.73	32.36 1.87 1.34	31.87 1.77 1.41	31.69 1.77 -0.11	31.01 1.78 0.00	31.36 1.83 0.00	29.71 1.94 0.00	30.03 1.91 -0.96	30.01 1.80 0.00	29.44 1.74 0.00	27.56 1.59 0.00	23.44 1.38 0.00	23.32 1.33 0.00
V_F_30_SYNC_DSASP 323786	32.01 0.77 2.78	32.09 0.84 2.77	27.97 0.76 1.01	27.24 0.96 1.24	26.73 0.91 0.23	27.34 0.77 -4.24	27.34 0.73 -2.19	26.19 0.62 -2.40	29.10 0.73 -0.32	30.63 0.78 0.20	32.18 0.97 2.15	33.39 1.07 2.67	31.55 1.01 1.30	31.05 0.92 1.38	30.82 0.90 -0.11	30.13 0.90 0.00	30.48 0.95 0.00	28.84 1.07 0.00	28.94 1.03 -0.74	29.08 0.87 0.00	28.55 0.85 0.00	26.75 0.78 0.00	22.78 0.72 0.00	22.70 0.70 0.00
V_XM_10_SYNC_DSASP 323789	34.23 1.41 1.20	34.33 1.52 1.20	28.83 1.24 0.63	27.64 0.65 0.53	26.17 0.23 0.10	22.34 0.05 0.03	24.69 0.29 0.03	23.85 0.70 0.02	29.28 1.28 0.04	31.22 1.44 0.27	34.31 1.58 0.62	35.61 1.40 0.78	32.57 1.17 0.44	32.34 1.24 0.40	31.07 1.27 0.01	30.61 1.39 0.00	30.90 1.37 0.00	28.78 1.02 0.00	28.35 1.19 0.00	29.47 1.25 0.00	28.82 1.12 0.00	26.86 0.89 0.00	22.55 0.49 0.00	22.48 0.48 0.00

W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	33.13 1.65 2.53	33.22 1.73 2.53	25.95 1.41 3.68	27.84 1.45 1.13	27.21 1.37 0.21	9.54 1.20 13.98	18.43 1.31 7.30	16.50 1.28 7.95	27.72 1.52 1.84	27.63 1.54 3.96	33.20 1.80 1.97	34.56 2.01 2.44	31.49 1.97 2.31	32.19 1.94 1.25	31.19 1.86 0.48	30.99 1.75 0.00	31.30 1.77 0.00	29.57 1.81 0.00	29.22 1.77 -0.28	29.85 1.64 0.00	29.41 1.71 0.00	27.64 1.67 0.00	23.52 1.45 0.00	23.43 1.44 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	33.37 1.92 2.56	33.48 2.03 2.56	30.37 1.70 -0.45	28.12 1.74 1.14	27.46 1.63 0.21	37.44 1.41 -13.70	33.00 1.46 -7.12	32.40 1.46 -7.77	31.21 1.76 -1.41	33.51 1.76 -1.70	33.37 2.00 1.99	34.75 2.23 2.46	33.39 2.20 0.65	32.40 2.17 1.27	32.31 2.07 -0.42	31.15 1.93 0.00	31.42 1.90 0.00	29.73 1.97 0.00	29.38 1.91 -0.30	30.00 1.79 0.00	29.59 1.88 0.00	27.82 1.85 0.00	23.71 1.64 0.00	23.64 1.64 0.00
W50THST__13_KV_LOAD 356117	33.61 2.15 2.56	33.71 2.25 2.56	30.56 1.88 -0.45	28.30 1.92 1.14	27.64 1.81 0.21	37.59 1.57 -13.70	33.17 1.63 -7.12	32.57 1.62 -7.77	31.42 1.97 -1.41	33.75 2.00 -1.70	33.62 2.25 1.99	34.98 2.45 2.46	33.60 2.41 0.65	32.61 2.38 1.27	32.52 2.28 -0.42	31.35 2.13 0.00	31.62 2.09 0.00	29.92 2.16 0.00	29.56 2.10 -0.30	30.19 1.97 0.00	29.78 2.08 0.00	28.02 2.05 0.00	23.87 1.81 0.00	23.81 1.81 0.00
WADING RIVER_IC_1 23522	33.77 2.32 2.56	34.30 2.84 2.56	35.83 2.32 -5.29	34.25 2.29 -4.44	32.96 2.16 -4.77	47.34 1.87 -23.15	40.31 1.97 -13.92	33.24 1.97 -8.09	31.78 2.34 -1.40	48.66 2.43 -16.17	46.77 2.74 -10.67	36.39 2.94 1.53	37.37 2.87 -2.66	35.33 2.87 -0.95	36.43 2.90 -3.71	32.41 2.59 -0.60	31.82 2.29 0.00	29.62 1.85 0.00	29.18 1.72 -0.30	29.69 1.48 0.00	29.75 2.05 0.00	27.91 1.94 0.00	23.89 1.84 0.00	23.79 1.79 0.00
WADING RIVER_IC_2 23547	33.77 2.32 2.56	34.30 2.84 2.56	35.83 2.32 -5.29	34.25 2.29 -4.44	32.96 2.16 -4.77	47.34 1.87 -23.15	40.31 1.97 -13.92	33.24 1.97 -8.09	31.78 2.34 -1.40	48.66 2.43 -16.17	46.77 2.74 -10.67	36.39 2.94 1.53	37.37 2.87 -2.66	35.33 2.87 -0.95	36.43 2.90 -3.71	32.41 2.59 -0.60	31.82 2.29 0.00	29.62 1.85 0.00	29.18 1.72 -0.30	29.69 1.48 0.00	29.75 2.05 0.00	27.91 1.94 0.00	23.89 1.84 0.00	23.79 1.79 0.00
WADING RIVER_IC_3 23601	33.77 2.32 2.56	34.30 2.84 2.56	35.83 2.32 -5.29	34.25 2.29 -4.44	32.96 2.16 -4.77	47.34 1.87 -23.15	40.31 1.97 -13.92	33.24 1.97 -8.09	31.78 2.34 -1.40	48.66 2.43 -16.17	46.77 2.74 -10.67	36.39 2.94 1.53	37.37 2.87 -2.66	35.33 2.87 -0.95	36.43 2.90 -3.71	32.41 2.59 -0.60	31.82 2.29 0.00	29.62 1.85 0.00	29.18 1.72 -0.30	29.69 1.48 0.00	29.75 2.05 0.00	27.91 1.94 0.00	23.89 1.84 0.00	23.79 1.79 0.00
WALDENNY_12_KV_BK2 80841	29.82 -0.45 3.75	29.67 -0.60 3.74	25.77 -0.46 1.99	25.15 -0.70 1.67	25.14 -0.60 0.31	21.57 -0.64 0.11	23.71 -0.63 0.08	22.47 -0.61 0.09	27.14 -0.72 0.18	28.07 -0.73 1.26	29.35 -1.10 2.91	30.13 -1.26 3.60	28.74 -1.06 2.03	28.97 -0.68 1.86	29.09 -0.69 0.04	28.60 -0.63 0.00	28.69 -0.84 0.00	27.03 -0.74 0.00	26.22 -0.99 -0.04	27.11 -1.10 0.00	26.52 -1.18 0.00	24.84 -1.04 0.09	21.01 -0.75 0.30	15.89 -0.55 5.56
WALDEN___HYDRO 24148	33.29 1.81 2.54	33.33 1.84 2.53	28.03 1.51 1.70	27.93 1.54 1.13	27.29 1.46 0.21	21.02 1.26 2.56	24.41 1.34 1.35	23.02 1.31 1.47	29.16 1.53 0.42	30.27 1.60 1.38	33.30 1.90 1.97	34.64 2.10 2.44	32.30 2.00 1.54	32.23 1.98 1.26	31.62 1.91 0.11	31.04 1.81 0.00	31.38 1.85 0.00	29.67 1.90 0.00	29.30 1.85 -0.29	29.99 1.78 0.00	29.53 1.83 0.00	27.74 1.77 0.00	23.62 1.55 0.00	23.48 1.48 0.00
WARRENSBURG____ 23737	32.66 1.49 2.85	32.71 1.54 2.84	28.45 1.28 1.06	27.59 1.33 1.27	27.07 1.26 0.23	27.56 1.08 -4.16	27.64 1.07 -2.14	26.52 1.00 -2.35	29.66 1.30 -0.31	31.25 1.44 0.24	32.85 1.70 2.21	34.05 1.80 2.74	32.21 1.71 1.34	31.74 1.64 1.41	31.62 1.70 -0.11	30.97 1.74 0.00	31.35 1.82 0.00	29.72 1.95 0.00	30.06 1.93 -0.97	30.04 1.83 0.00	29.42 1.72 0.00	27.52 1.55 0.00	23.38 1.32 0.00	23.20 1.20 0.00
WATERSIDE____6 8 9 23538	33.34 1.89 2.56	33.45 1.99 2.56	30.37 1.70 -0.45	28.10 1.72 1.14	27.45 1.62 0.21	37.43 1.41 -13.70	33.00 1.46 -7.12	32.38 1.44 -7.77	31.18 1.73 -1.41	33.48 1.73 -1.70	33.31 1.94 1.99	34.65 2.13 2.46	33.30 2.11 0.65	32.29 2.10 1.32	32.01 1.99 -0.21	30.86 1.84 0.21	31.33 1.79 0.00	29.66 1.89 0.00	29.33 1.87 0.00	27.78 1.74 2.17	27.29 1.85 2.26	27.38 1.85 0.44	23.70 1.64 0.00	23.61 1.62 0.00
WATKINRD_115KV_LN8_ILLLION 55919	29.28 -0.03 4.70	29.30 -0.02 4.69	25.70 -0.03 2.49	25.52 0.09 2.09	25.79 0.13 0.39	22.33 0.14 0.13	24.38 0.06 0.11	23.10 0.05 0.12	27.82 0.00 0.23	28.42 -0.03 1.61	29.66 0.03 3.72	30.50 0.13 4.62	29.40 0.17 2.60	29.21 0.08 2.38	29.85 0.09 0.05	29.37 0.14 0.00	29.69 0.16 0.00	28.09 0.32 0.00	27.51 0.35 0.00	28.49 0.28 0.00	27.95 0.25 0.00	26.19 0.22 0.00	22.29 0.23 0.00	22.20 0.20 0.00
WATSON____69_KV_BK 1 55734	34.49 3.03 2.56	34.90 3.44 2.56	36.42 2.91 -5.29	34.84 2.88 -4.44	33.51 2.70 -4.77	47.82 2.35 -23.15	40.84 2.50 -13.92	33.74 2.47 -8.09	32.35 2.91 -1.40	49.26 3.04 -16.17	47.42 3.39 -10.67	37.07 3.62 1.53	37.92 3.43 -2.66	35.98 3.53 -0.95	36.96 3.44 -3.71	32.89 3.06 -0.60	32.39 2.86 0.00	30.23 2.47 0.00	29.80 2.34 -0.30	30.29 2.08 0.00	30.25 2.54 0.00	28.42 2.45 0.00	24.25 2.19 0.00	24.14 2.14 0.00
WDELAWARE___HYD 323627	33.52 1.98 2.47	33.49 1.95 2.47	28.46 1.55 1.31	27.97 1.55 1.10	27.29 1.45 0.20	21.47 1.25 2.10	24.63 1.32 1.12	23.26 1.29 1.20	29.36 1.55 0.23	30.81 1.66 0.90	33.44 2.00 1.92	34.82 2.21 2.38	32.63 2.14 1.34	32.39 2.11 1.23	31.83 2.11 0.09	31.21 1.99 0.00	31.52 1.99 0.00	29.79 2.02 0.00	29.43 1.99 -0.27	30.15 1.94 0.00	29.69 1.99 0.00	27.86 1.89 0.00	23.65 1.59 0.00	23.52 1.53 0.00
WEST BABYLON___IC 23714	34.39 2.94 2.56	34.77 3.32 2.56	36.32 2.81 -5.29	34.74 2.78 -4.44	33.43 2.62 -4.77	47.75 2.27 -23.15	40.75 2.41 -13.92	33.65 2.38 -8.09	32.24 2.80 -1.40	49.14 2.92 -16.17	47.27 3.23 -10.67	36.93 3.48 1.53	37.78 3.28 -2.66	35.80 3.35 -0.95	36.73 3.20 -3.71	32.70 2.87 -0.60	32.23 2.70 0.00	30.12 2.36 0.00	29.70 2.24 -0.30	30.22 2.01 0.00	30.15 2.45 0.00	28.37 2.40 0.00	24.20 2.14 0.00	24.08 2.08 0.00
WEST CANADA___HYD 24049	29.17 -0.14 4.70	29.14 -0.18 4.69	25.55 -0.18 2.49	25.31 -0.12 2.09	25.56 -0.09 0.39	22.13 -0.06 0.13	24.23 -0.09 0.11	22.95 -0.10 0.12	27.66 -0.15 0.23	28.27 -0.17 1.61	29.47 -0.17 3.72	30.26 -0.12 4.62	29.16 -0.07 2.60	29.05 -0.07 2.38	29.78 0.01 0.05	29.23 0.01 0.00	29.55 0.02 0.00	27.83 0.06 0.00	27.24 0.06 0.00	28.26 0.05 0.00	27.74 0.04 0.00	26.00 0.03 0.00	22.11 0.04 0.00	22.02 0.02 0.00



WESTERN_NY_WIND 24143	30.13 -0.02 3.86	29.98 -0.17 3.86	26.07 -0.10 2.05	25.47 -0.33 1.72	25.46 -0.26 0.32	21.85 -0.36 0.11	24.04 -0.30 0.09	22.75 -0.32 0.10	27.49 -0.38 0.18	28.59 -0.17 1.29	29.73 -0.63 3.00	30.67 -0.60 3.71	29.13 -0.62 2.09	29.33 -0.26 1.91	29.41 -0.36 0.04	28.90 -0.33 0.00	29.09 -0.44 0.00	27.49 -0.27 0.00	26.90 -0.30 -0.03	27.86 -0.34 0.00	27.25 -0.45 0.00	25.52 -0.40 0.05	21.67 -0.22 0.17	18.85 -0.05 3.10
WESTOVER___LESR 323668	31.40 0.31 2.92	31.34 0.24 2.92	26.79 0.11 1.55	26.30 0.08 1.30	25.91 0.10 0.24	22.30 0.06 0.08	24.39 0.03 0.07	23.19 0.10 0.07	27.99 0.09 0.14	29.14 0.08 0.99	31.16 0.09 2.29	32.27 0.12 2.84	30.42 0.19 1.60	30.33 0.29 1.46	30.09 0.30 0.03	29.54 0.31 0.00	29.81 0.28 0.00	28.15 0.38 0.00	27.49 0.24 -0.08	28.43 0.22 0.00	27.91 0.20 0.00	26.21 0.24 0.00	22.22 0.16 0.00	22.22 0.22 0.00
WETHRSFD_WT_PWR 323626	30.00 -0.43 3.59	29.73 -0.70 3.59	25.85 -0.46 1.91	25.30 -0.62 1.60	25.22 -0.53 0.30	21.63 -0.59 0.10	23.68 -0.66 0.08	22.44 -0.64 0.09	27.12 -0.76 0.17	28.04 -0.80 1.21	29.48 -1.08 2.80	30.27 -1.25 3.46	28.86 -1.02 1.95	29.00 -0.72 1.78	29.07 -0.71 0.04	28.53 -0.70 0.00	28.67 -0.86 0.00	27.02 -0.74 0.00	26.17 -1.04 -0.05	27.14 -1.07 0.00	26.56 -1.15 0.00	24.60 -1.05 0.31	20.06 -0.96 1.04	1.56 -0.90 19.54
WHAVSTOR_138KV_BK127 55557	32.92 1.43 2.53	33.01 1.52 2.53	25.75 1.24 3.71	27.69 1.29 1.13	27.07 1.24 0.21	9.31 1.09 14.10	18.24 1.18 7.36	16.31 1.16 8.02	27.54 1.35 1.85	27.43 1.34 3.97	32.97 1.58 1.97	34.32 1.77 2.44	31.26 1.74 2.32	31.96 1.71 1.25	30.97 1.64 0.49	30.76 1.54 0.00	31.07 1.54 0.00	29.36 1.60 0.00	29.02 1.56 -0.28	29.63 1.42 0.00	29.21 1.50 0.00	27.45 1.48 0.00	23.37 1.31 0.00	23.29 1.29 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	32.92 1.43 2.53	33.01 1.52 2.53	25.75 1.24 3.71	27.69 1.29 1.13	27.07 1.24 0.21	9.31 1.09 14.10	18.24 1.18 7.36	16.31 1.16 8.02	27.54 1.35 1.85	27.43 1.34 3.97	32.97 1.58 1.97	34.32 1.77 2.44	31.26 1.74 2.32	31.96 1.71 1.25	30.97 1.64 0.49	30.76 1.54 0.00	31.07 1.54 0.00	29.36 1.60 0.00	29.02 1.56 -0.28	29.63 1.42 0.00	29.21 1.50 0.00	27.45 1.48 0.00	23.37 1.31 0.00	23.29 1.29 0.00
WHITEHAL_115KV_TB1 80871	33.89 2.71 2.85	34.03 2.85 2.84	29.46 2.29 1.05	28.42 2.17 1.27	27.88 2.08 0.23	28.27 1.78 -4.17	28.35 1.77 -2.15	27.19 1.67 -2.36	30.57 2.21 -0.31	32.34 2.52 0.23	33.88 2.73 2.21	34.90 2.65 2.73	32.90 2.41 1.34	32.46 2.36 1.41	32.35 2.42 -0.11	31.86 2.63 0.00	32.35 2.82 0.00	30.62 2.85 0.00	31.03 2.90 -0.97	31.16 2.95 0.00	30.41 2.71 0.00	28.54 2.57 0.00	24.31 2.25 0.00	24.07 2.08 0.00
WHITEPLN_13_KV_LOAD 356215	33.63 2.18 2.56	33.71 2.25 2.55	30.66 1.87 -0.57	28.27 1.89 1.14	27.62 1.79 0.21	37.90 1.55 -14.03	33.35 1.64 -7.29	32.73 1.61 -7.96	31.46 1.93 -1.49	33.92 1.98 -1.89	33.67 2.30 1.99	35.06 2.53 2.46	33.69 2.44 0.58	32.63 2.39 1.27	32.55 2.30 -0.43	31.39 2.16 0.00	31.69 2.16 0.00	29.95 2.18 0.00	29.59 2.13 -0.30	30.22 2.01 0.00	29.79 2.09 0.00	28.00 2.03 0.00	23.84 1.77 0.00	23.74 1.75 0.00
WM_FLOYD_69_KV_BK2 356380	34.04 2.58 2.56	34.55 3.09 2.56	36.07 2.55 -5.29	34.48 2.52 -4.44	33.18 2.37 -4.77	47.53 2.05 -23.15	40.51 2.17 -13.92	33.42 2.16 -8.09	32.01 2.57 -1.40	48.89 2.67 -16.17	47.03 3.00 -10.67	36.65 3.20 1.53	37.59 3.09 -2.66	35.56 3.10 -0.95	36.65 3.12 -3.71	32.59 2.77 -0.60	32.01 2.48 0.00	29.84 2.07 0.00	29.40 1.94 -0.30	29.88 1.67 0.00	29.91 2.21 0.00	28.07 2.10 0.00	24.00 1.94 0.00	23.90 1.91 0.00
WOODARD___115KV_TB2 355635	31.04 -0.35 2.63	30.96 -0.43 2.62	26.42 -0.41 1.39	25.93 -0.42 1.17	25.42 -0.41 0.22	21.88 -0.37 0.08	23.97 -0.39 0.06	22.74 -0.36 0.07	27.45 -0.47 0.13	28.69 -0.46 0.90	30.77 -0.50 2.09	31.87 -0.53 2.58	29.90 -0.48 1.46	29.75 -0.42 1.33	29.39 -0.40 0.03	28.85 -0.37 0.00	29.15 -0.38 0.00	27.49 -0.27 0.00	26.87 -0.30 0.00	27.88 -0.33 0.00	27.35 -0.35 0.00	25.63 -0.34 0.00	21.77 -0.29 0.00	21.69 -0.30 0.00
YORK___WARBASSE 23770	33.46 2.01 2.56	33.57 2.11 2.56	30.48 1.80 -0.45	28.21 1.83 1.14	27.55 1.72 0.21	37.50 1.48 -13.70	33.11 1.57 -7.12	32.47 1.53 -7.77	31.28 1.84 -1.41	33.60 1.85 -1.70	33.50 2.13 1.99	34.82 2.30 2.46	33.44 2.25 0.65	32.82 2.23 0.92	33.82 2.14 -1.87	32.60 1.98 -1.40	31.46 1.93 0.00	29.78 2.02 0.00	29.46 1.99 -0.30	44.69 1.88 -14.61	44.90 1.98 -15.21	30.92 1.97 -2.97	23.81 1.75 0.00	23.73 1.73 0.00