

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/20/2024

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	24.20	22.75	24.50	23.35	24.65	23.80	32.59	88.15	48.85	36.14	32.37	34.36	28.03	25.82	36.08	23.22	28.65	53.27	34.30	34.94	28.65	33.08	31.49	27.43
24138	1.08	0.88	0.88	0.88	0.92	1.10	2.16	2.55	2.03	2.13	2.08	2.14	1.67	1.49	1.53	1.50	1.90	3.28	2.37	2.75	2.22	2.13	1.88	1.37
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-50.92	-17.11	0.00	-0.05	-0.01	-0.12	0.00	-10.95	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	24.17	22.74	24.49	23.35	24.65	23.79	32.53	86.37	48.23	36.04	32.29	34.27	27.96	25.77	36.01	23.17	28.59	53.17	34.24	34.91	28.61	33.04	31.46	27.42
24260	1.05	0.86	0.87	0.88	0.92	1.08	2.10	2.47	1.99	2.04	2.00	2.05	1.61	1.44	1.48	1.45	1.84	3.18	2.32	2.71	2.19	2.09	1.85	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.21	-16.54	0.00	-0.04	-0.01	-0.11	0.00	-10.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	24.17	22.74	24.49	23.35	24.65	23.79	32.53	86.37	48.23	36.04	32.29	34.27	27.96	25.77	36.01	23.17	28.59	53.17	34.24	34.91	28.61	33.04	31.46	27.42
24261	1.05	0.86	0.87	0.88	0.92	1.08	2.10	2.47	1.99	2.04	2.00	2.05	1.61	1.44	1.48	1.45	1.84	3.18	2.32	2.71	2.19	2.09	1.85	1.35
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-49.21	-16.54	0.00	-0.04	-0.01	-0.11	0.00	-10.93	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	23.84	22.63	24.32	23.18	24.49	23.49	31.66	36.12	31.17	35.22	30.93	32.98	26.88	24.96	24.33	22.61	28.09	52.58	33.60	33.96	27.76	32.24	30.68	26.96
24011	0.72	0.76	0.70	0.70	0.76	0.79	1.23	1.44	1.47	1.22	0.68	0.77	0.64	0.64	0.72	0.89	1.34	2.59	1.67	1.77	1.34	1.30	1.06	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23.98	22.81	24.47	23.33	24.64	23.64	31.86	36.34	31.56	35.63	31.12	33.12	26.96	25.06	24.41	22.72	28.31	53.00	33.81	34.18	27.87	32.36	30.80	27.07
23798	0.87	0.94	0.85	0.86	0.92	0.94	1.43	1.66	1.86	1.63	0.87	0.91	0.72	0.74	0.81	1.01	1.56	3.01	1.88	1.98	1.45	1.41	1.19	1.01
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	23.84	22.63	24.32	23.18	24.49	23.49	31.66	36.12	31.17	35.22	30.93	32.98	26.88	24.96	24.33	22.61	28.09	52.58	33.60	33.96	27.76	32.24	30.68	26.96
24028	0.72	0.76	0.70	0.70	0.76	0.79	1.23	1.44	1.47	1.22	0.68	0.77	0.64	0.64	0.72	0.89	1.34	2.59	1.67	1.77	1.34	1.30	1.06	0.90
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK_NYS___DAM	23.32	22.15	23.87	22.76	24.01	23.03	31.16	35.52	30.57	34.70	30.63	32.87	26.92	24.96	25.56	22.57	27.85	51.66	33.08	33.36	27.21	31.68	30.09	26.58
23527	0.20	0.28	0.25	0.29	0.28	0.33	0.73	0.84	0.87	0.69	0.38	0.66	0.68	0.64	0.78	0.85	1.10	1.68	1.15	1.16	0.78	0.73	0.48	0.52
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	23.55	22.30	24.05	22.92	24.19	23.21	31.37	35.77	30.66	34.83	30.90	32.95	26.91	24.96	24.32	22.48	27.73	51.71	33.17	33.50	27.42	31.90	30.37	26.72
24190	0.44	0.43	0.43	0.44	0.45	0.51	0.94	1.09	0.96	0.82	0.65	0.74	0.67	0.63	0.72	0.77	0.98	1.73	1.25	1.30	0.99	0.95	0.76	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AKWESSNE_115KV_BK	23.16	21.95	23.71	22.50	23.72	22.59	29.99	34.15	29.20	33.70	29.98	31.90	26.16	24.24	23.47	21.49	26.49	49.70	31.57	31.63	25.98	30.77	29.49	26.08
355683	0.05	0.08	0.09	0.02	-0.02	-0.12	-0.44	-0.53	-0.50	-0.31	-0.27	-0.31	-0.08	-0.08	-0.13	-0.22	-0.26	-0.29	-0.36	-0.57	-0.45	-0.18	-0.12	0.02
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_1_SOLAR	23.74	22.48	24.25	23.12	24.40	23.41	31.62	36.02	30.88	34.98	31.04	32.95	26.94	25.04	24.40	22.54	27.80	51.93	33.33	33.68	27.55	32.09	30.58	26.89
323833	0.63	0.61	0.63	0.64	0.67	0.70	1.18	1.35	1.18	0.98	0.79	0.74	0.69	0.72	0.80	0.82	1.05	1.94	1.41	1.49	1.13	1.14	0.97	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY_2_SOLAR	23.74	22.48	24.24	23.11	24.39	23.40	31.60	36.02	30.86	34.98	31.03	32.94	26.93	25.04	24.40	22.53	27.79	51.93	33.33	33.66	27.55	32.08	30.57	26.89
323834	0.63	0.61	0.62	0.63	0.66	0.70	1.17	1.34	1.16	0.98	0.79	0.73	0.69	0.71	0.79	0.81	1.04	1.94	1.40	1.47	1.12	1.13	0.96	0.83
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ALBANY___1	23.55	22.30	24.05	22.92	24.19	23.21	31.37	35.77	30.66	34.83	30.90	32.95	26.91	24.96	24.32	22.48	27.73	51.71	33.17	33.50	27.42	31.90	30.37	26.72
23571	0.44	0.43	0.43	0.44	0.45	0.51	0.94	1.09	0.96	0.82	0.65	0.74	0.67	0.63	0.72	0.77	0.98	1.73	1.25	1.30	0.99	0.95	0.76	0.65
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

ALBANY___2 23572	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.82 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.25 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.37 0.76 0.00	26.72 0.65 0.00
ALBANY___3 23573	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.82 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.25 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.37 0.76 0.00	26.72 0.65 0.00
ALBANY___4 23574	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.82 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.25 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.37 0.76 0.00	26.72 0.65 0.00
ALBANY___LFGE 323615	23.67 0.55 0.00	22.41 0.54 0.00	24.16 0.54 0.00	23.03 0.56 0.00	24.30 0.57 0.00	23.34 0.63 0.00	31.55 1.12 0.00	35.98 1.30 0.00	30.85 1.15 0.00	35.05 1.04 0.00	31.07 0.82 0.00	33.15 0.94 0.00	27.08 0.84 0.00	25.12 0.79 0.00	24.47 0.87 0.00	22.64 0.92 0.00	27.92 1.17 0.00	52.07 2.08 0.00	33.39 1.47 0.00	33.72 1.52 0.00	27.59 1.16 0.00	32.09 1.14 0.00	30.55 0.94 0.00	26.86 0.80 0.00
ALCOA_PA_115KV_PL-6C 55860	23.21 0.09 0.00	21.99 0.11 0.00	23.75 0.13 0.00	22.53 0.05 0.00	23.75 0.02 0.00	22.62 -0.08 0.00	30.06 -0.37 0.00	34.23 -0.45 0.00	29.25 -0.45 0.00	33.74 -0.26 0.00	30.00 -0.25 0.00	31.93 -0.28 0.00	26.20 -0.04 0.00	24.26 -0.07 0.00	23.47 -0.13 0.00	21.49 -0.23 0.00	26.48 -0.27 0.00	49.73 -0.25 0.00	31.60 -0.33 0.00	31.66 -0.54 0.00	26.01 -0.42 0.00	30.81 -0.13 0.00	29.53 -0.08 0.00	26.11 0.05 0.00
ALCOA_RYNLDS___DRP 24188	23.21 0.09 0.00	21.99 0.11 0.00	23.75 0.13 0.00	22.53 0.05 0.00	23.75 0.02 0.00	22.62 -0.08 0.00	30.06 -0.37 0.00	34.23 -0.45 0.00	29.25 -0.45 0.00	33.74 -0.26 0.00	30.00 -0.25 0.00	31.93 -0.28 0.00	26.20 -0.04 0.00	24.26 -0.07 0.00	23.47 -0.13 0.00	21.49 -0.23 0.00	26.48 -0.27 0.00	49.73 -0.25 0.00	31.60 -0.33 0.00	31.66 -0.54 0.00	26.01 -0.42 0.00	30.81 -0.13 0.00	29.53 -0.08 0.00	26.11 0.05 0.00
ALCOA___DSASP 323711	23.21 0.09 0.00	21.99 0.12 0.00	23.76 0.14 0.00	22.53 0.05 0.00	23.75 0.02 0.00	22.62 -0.08 0.00	30.06 -0.37 0.00	34.23 -0.45 0.00	29.25 -0.45 0.00	33.74 -0.26 0.00	30.00 -0.25 0.00	31.93 -0.28 0.00	26.20 -0.04 0.00	24.26 -0.07 0.00	23.47 -0.13 0.00	21.49 -0.23 0.00	26.48 -0.27 0.00	49.73 -0.25 0.00	31.60 -0.33 0.00	31.66 -0.54 0.00	26.01 -0.42 0.00	30.82 -0.13 0.00	29.53 -0.08 0.00	26.11 0.05 0.00
ALLEGHENY___COGEN 23514	23.18 0.04 -0.03	21.95 0.08 0.00	23.93 0.31 0.00	22.81 0.33 0.00	24.23 0.50 0.00	23.21 0.47 -0.04	31.45 1.01 -0.01	36.45 1.45 -0.32	33.56 1.31 -2.55	35.71 1.19 -0.52	31.30 0.85 -0.20	33.27 0.84 -0.22	25.75 -0.49 0.00	23.74 -0.58 0.00	22.65 -0.95 0.00	20.75 -0.97 0.00	25.44 -1.31 0.00	47.81 -2.17 0.00	31.28 -0.65 0.00	32.03 -0.17 0.00	26.57 0.14 0.00	30.85 -0.14 -0.05	29.89 0.19 -0.09	26.36 0.30 0.00
ALTAMONT_115KV_TB 2 55880	23.45 0.33 0.00	22.19 0.32 0.00	23.93 0.30 0.00	22.80 0.32 0.00	24.07 0.34 0.00	23.09 0.39 0.00	31.20 0.76 0.00	35.56 0.88 0.00	30.47 0.77 0.00	34.66 0.66 0.00	30.76 0.51 0.00	32.76 0.55 0.00	26.73 0.49 0.00	24.79 0.47 0.00	24.14 0.53 0.00	22.29 0.58 0.00	27.48 0.73 0.00	51.33 1.35 0.00	32.91 0.98 0.00	33.27 1.07 0.00	27.25 0.82 0.00	31.71 0.76 0.00	30.22 0.61 0.00	26.56 0.50 0.00
ALTONA_WT_PWR 323606	23.52 0.40 0.00	22.28 0.40 0.00	24.23 0.61 0.00	23.06 0.58 0.00	24.21 0.48 0.00	22.91 0.20 0.00	30.46 0.03 0.00	34.39 -0.29 0.00	28.85 -0.86 0.00	33.04 -0.97 0.00	29.42 -0.83 0.00	31.69 -0.52 0.00	26.09 -0.15 0.00	24.31 -0.01 0.00	23.55 -0.05 0.00	21.23 -0.49 0.00	26.14 -0.61 0.00	49.64 -0.35 0.00	31.11 -0.82 0.00	31.51 -0.68 0.00	26.02 -0.40 0.00	30.80 -0.15 0.00	29.11 -0.50 0.00	25.71 -0.35 0.00
AMERICAN_REF_FUEL 24010	21.35 -1.69 0.07	20.32 -1.55 0.00	22.33 -1.29 0.00	21.28 -1.19 0.00	22.54 -1.19 0.00	21.35 -1.26 0.10	28.29 -2.11 0.03	31.67 -2.22 0.78	21.96 -1.59 6.15	30.69 -2.07 1.25	27.88 -1.88 0.49	29.59 -2.09 0.53	23.90 -2.34 0.00	22.12 -2.20 0.00	21.21 -2.39 0.00	19.36 -2.35 0.00	23.63 -3.12 0.00	43.73 -6.26 0.00	27.83 -4.10 0.00	28.15 -4.05 0.00	23.38 -3.04 0.00	27.22 -3.60 0.12	26.65 -2.76 0.21	24.22 -1.84 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.27 -0.76 0.08	21.06 -0.82 0.00	23.23 -0.39 0.00	22.26 -0.21 0.00	23.57 -0.16 0.00	22.37 -0.22 0.11	29.83 -0.56 0.04	33.01 -0.77 0.90	22.57 -0.08 7.06	32.23 -0.34 1.43	29.38 -0.30 0.57	30.98 -0.63 0.60	24.84 -1.40 0.00	22.79 -1.54 0.00	21.66 -1.95 0.00	19.67 -2.04 0.00	24.02 -2.73 0.00	44.54 -5.45 0.00	28.41 -3.52 0.00	28.85 -3.34 0.00	24.06 -2.36 0.00	27.95 -2.86 0.14	27.23 -2.15 0.24	24.94 -1.13 0.00
ARTHUR KILL_GT_1 23520	24.06 0.94 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.23 0.75 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.26 1.83 0.00	85.94 2.05 -49.21	47.95 1.71 -16.54	35.69 1.69 0.00	32.00 1.70 -0.04	33.87 1.66 -0.01	27.67 1.31 -0.11	25.42 1.10 0.00	25.84 1.20 -1.04	22.90 1.18 -0.01	28.32 1.58 0.00	52.49 2.51 0.00	33.95 2.02 0.00	34.59 2.39 0.00	28.43 2.00 0.00	32.74 1.79 0.00	31.21 1.60 0.00	27.25 1.18 0.00
ARTHUR_KILL_2 23512	24.00 0.88 0.00	22.56 0.68 0.00	24.30 0.68 0.00	23.17 0.69 0.00	24.46 0.73 0.00	23.62 0.92 0.00	32.17 1.74 0.00	85.82 1.93 -49.21	47.86 1.62 -16.54	35.59 1.59 0.00	31.91 1.61 -0.04	33.78 1.57 -0.01	27.60 1.24 -0.11	25.35 1.03 0.00	25.77 1.13 -1.04	22.84 1.12 -0.01	28.25 1.50 0.00	52.34 2.36 0.00	33.85 1.93 0.00	34.49 2.30 0.00	28.34 1.92 0.00	32.64 1.69 0.00	31.13 1.51 0.00	27.17 1.11 0.00
ARTHUR_KILL_3 23513	23.92 0.81 0.00	22.50 0.62 0.00	24.23 0.61 0.00	23.10 0.62 0.00	24.39 0.65 0.00	23.54 0.83 0.00	32.19 1.76 0.00	85.95 2.05 -49.22	47.83 1.59 -16.54	35.60 1.60 0.00	31.89 1.60 -0.05	33.84 1.62 -0.01	27.61 1.25 -0.11	25.43 1.11 0.00	25.81 1.16 -1.05	22.89 1.18 -0.01	28.24 1.49 0.00	52.52 2.54 0.00	33.86 1.94 0.00	34.52 2.32 0.00	28.31 1.88 0.00	32.67 1.72 0.00	31.11 1.50 0.00	27.12 1.05 0.00

ARTHUR_KILL_COGEN 323718	24.06 0.94 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.23 0.75 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.26 1.83 0.00	85.94 2.05 -49.21	47.95 1.71 -16.54	35.69 1.69 0.00	32.00 1.70 -0.04	33.87 1.66 -0.01	27.67 1.31 -0.11	25.42 1.10 0.00	25.84 1.20 -1.04	22.90 1.18 -0.01	28.32 1.58 0.00	52.49 2.51 0.00	33.95 2.02 0.00	34.59 2.39 0.00	28.43 2.00 0.00	32.74 1.79 0.00	31.21 1.60 0.00	27.25 1.18 0.00
ASHOKAN____ 23654	24.08 0.97 0.00	22.78 0.90 0.00	24.55 0.93 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.77 1.07 0.00	32.29 1.86 0.00	36.92 2.24 0.00	31.66 1.96 0.00	35.80 1.80 0.00	31.75 1.51 0.00	33.60 1.39 0.00	27.35 1.11 0.00	25.40 1.08 0.00	24.91 1.31 0.00	22.96 1.25 0.00	28.45 1.70 0.00	53.24 3.26 0.00	34.31 2.38 0.00	34.78 2.58 0.00	28.42 1.99 0.00	32.99 2.04 0.00	31.34 1.73 0.00	27.48 1.41 0.00
ASTORIA_EAST_ENERGY_CC1 323581	23.97 0.86 0.00	22.54 0.67 0.00	24.20 0.58 0.01	23.07 0.59 0.01	24.36 0.64 0.00	23.54 0.84 0.00	32.12 1.70 0.01	85.97 2.07 -49.21	47.93 1.69 -16.54	35.62 1.63 0.01	31.93 1.65 -0.04	33.88 1.68 0.00	27.69 1.34 -0.11	25.49 1.17 0.01	35.75 1.22 -10.92	22.94 1.22 0.00	28.29 1.55 0.01	52.53 2.55 0.01	33.86 1.95 0.01	34.49 2.30 0.01	28.31 1.89 0.00	32.68 1.73 0.00	31.11 1.50 0.00	27.12 1.06 0.00
ASTORIA_EAST_ENERGY_CC2 323582	23.97 0.86 0.00	22.54 0.67 0.00	24.20 0.58 0.01	23.07 0.59 0.01	24.36 0.64 0.00	23.54 0.84 0.00	32.12 1.70 0.01	85.97 2.07 -49.21	47.93 1.69 -16.54	35.62 1.63 0.01	31.93 1.65 -0.04	33.88 1.68 0.00	27.69 1.34 -0.11	25.49 1.17 0.01	35.75 1.22 -10.92	22.94 1.22 0.00	28.29 1.55 0.01	52.53 2.55 0.01	33.86 1.95 0.01	34.49 2.30 0.01	28.31 1.89 0.00	32.68 1.73 0.00	31.11 1.50 0.00	27.12 1.06 0.00
ASTORIA_GT2_1 24094	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT2_2 24095	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT2_3 24096	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT2_4 24097	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT3_1 24098	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT3_2 24099	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT3_3 24100	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT3_4 24101	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT4_1 24102	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT4_2 24103	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT4_3 24104	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00

ASTORIA_GT4_4 24105	23.99 0.87 0.00	22.55 0.68 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.14 1.71 0.01	85.99 2.09 -49.21	47.95 1.71 -16.54	35.65 1.65 0.00	31.97 1.67 -0.04	33.91 1.69 -0.01	27.71 1.35 -0.11	25.51 1.19 0.00	35.77 1.23 -10.93	22.95 1.23 0.00	28.31 1.57 0.00	52.57 2.58 0.00	33.89 1.97 0.00	34.52 2.32 0.00	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA_GT_1 23523	24.02 0.91 0.00	22.59 0.71 0.00	24.24 0.62 0.01	23.11 0.64 0.01	24.41 0.68 0.00	23.58 0.89 0.00	32.19 1.77 0.01	86.06 2.16 -49.21	48.00 1.76 -16.54	35.72 1.72 0.01	32.02 1.73 -0.04	33.97 1.76 0.00	27.76 1.41 -0.11	25.55 1.23 0.01	35.80 1.28 -10.92	22.99 1.27 0.00	28.36 1.62 0.01	52.65 2.68 0.01	33.94 2.03 0.01	34.58 2.38 0.01	28.38 1.95 0.00	32.75 1.81 0.00	31.18 1.57 0.00	27.18 1.12 0.00
ASTORIA_GT_10 24110	24.09 0.97 0.00	22.67 0.80 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.15 1.86 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.24 0.00
ASTORIA_GT_11 24225	24.09 0.97 0.00	22.67 0.80 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.15 1.86 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.24 0.00
ASTORIA_GT_12 24226	24.09 0.97 0.00	22.67 0.80 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.15 1.86 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.24 0.00
ASTORIA_GT_13 24227	24.09 0.97 0.00	22.67 0.80 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.15 1.86 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.24 0.00
ASTORIA_GT_5 24106	24.02 0.91 0.00	22.59 0.71 0.00	24.24 0.62 0.01	23.11 0.64 0.01	24.41 0.68 0.00	23.58 0.89 0.00	32.19 1.77 0.01	86.06 2.16 -49.21	48.01 1.77 -16.54	35.72 1.72 0.00	32.03 1.73 -0.04	33.98 1.76 -0.01	27.76 1.41 -0.11	25.56 1.23 0.00	35.81 1.28 -10.93	22.99 1.27 0.00	28.36 1.62 0.00	52.67 2.68 0.00	33.95 2.03 0.00	34.58 2.39 0.00	28.38 1.95 0.00	32.75 1.81 0.00	31.18 1.57 0.00	27.18 1.12 0.00
ASTORIA_GT_7 24107	24.02 0.91 0.00	22.59 0.71 0.00	24.24 0.62 0.01	23.11 0.64 0.01	24.41 0.68 0.00	23.58 0.89 0.00	32.19 1.77 0.01	86.06 2.16 -49.21	48.01 1.77 -16.54	35.72 1.72 0.00	32.03 1.73 -0.04	33.98 1.76 -0.01	27.76 1.41 -0.11	25.56 1.23 0.00	35.81 1.28 -10.93	22.99 1.27 0.00	28.36 1.62 0.00	52.67 2.68 0.00	33.95 2.03 0.00	34.58 2.39 0.00	28.38 1.95 0.00	32.75 1.81 0.00	31.18 1.57 0.00	27.18 1.12 0.00
ASTORIA_GT_8 24108	24.02 0.91 0.00	22.59 0.71 0.00	24.24 0.62 0.01	23.11 0.64 0.01	24.41 0.68 0.00	23.58 0.89 0.00	32.19 1.77 0.01	86.06 2.16 -49.21	48.01 1.77 -16.54	35.72 1.72 0.00	32.03 1.73 -0.04	33.98 1.76 -0.01	27.76 1.41 -0.11	25.56 1.23 0.00	35.81 1.28 -10.93	22.99 1.27 0.00	28.36 1.62 0.00	52.67 2.68 0.00	33.95 2.03 0.00	34.58 2.39 0.00	28.38 1.95 0.00	32.75 1.81 0.00	31.18 1.57 0.00	27.18 1.12 0.00
ASTORIA___2 24149	23.99 0.87 0.00	22.55 0.67 0.00	24.21 0.60 0.01	23.08 0.61 0.01	24.38 0.65 0.00	23.55 0.84 0.00	32.13 1.71 0.01	85.99 2.09 -49.21	47.94 1.71 -16.54	35.64 1.64 0.01	31.96 1.67 -0.04	33.90 1.69 0.00	27.70 1.35 -0.11	25.50 1.19 0.01	35.76 1.23 -10.92	22.95 1.23 0.00	28.31 1.57 0.01	52.56 2.58 0.01	33.88 1.97 0.01	34.51 2.32 0.01	28.33 1.90 0.00	32.69 1.75 0.00	31.13 1.52 0.00	27.13 1.07 0.00
ASTORIA___3 23516	24.09 0.98 0.00	22.67 0.79 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.88 0.00	32.16 1.86 -0.04	34.11 1.90 -0.01	27.86 1.50 -0.11	25.66 1.33 0.00	35.91 1.37 -10.93	23.08 1.36 -0.01	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.34 1.73 0.00	27.31 1.24 0.00
ASTORIA___4 23517	24.09 0.97 0.00	22.67 0.80 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.31 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.15 1.86 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.24 0.00
ASTORIA___5 23518	24.09 0.98 0.00	22.67 0.79 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.32 -49.21	48.12 1.88 -16.54	35.89 1.88 0.00	32.16 1.86 -0.04	34.11 1.90 -0.01	27.86 1.50 -0.11	25.66 1.33 0.00	35.91 1.37 -10.93	23.08 1.36 -0.01	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.34 1.73 0.00	27.31 1.24 0.00
AST_ENERGY_2_CC3 323677	24.05 0.93 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.35 1.92 0.00	86.96 2.26 -50.02	48.29 1.78 -16.81	35.81 1.81 0.00	32.07 1.78 -0.05	34.05 1.83 -0.01	27.78 1.43 -0.11	25.60 1.27 0.00	35.86 1.32 -10.94	23.02 1.30 -0.01	28.40 1.66 0.00	52.82 2.84 0.00	34.03 2.11 0.00	34.69 2.50 0.00	28.44 2.02 0.00	32.85 1.90 0.00	31.27 1.66 0.00	27.26 1.20 0.00
AST_ENERGY_2_CC4 323678	24.05 0.93 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.35 1.92 0.00	86.96 2.26 -50.02	48.29 1.78 -16.81	35.81 1.81 0.00	32.07 1.78 -0.05	34.05 1.83 -0.01	27.78 1.43 -0.11	25.60 1.27 0.00	35.86 1.32 -10.94	23.02 1.30 -0.01	28.40 1.66 0.00	52.82 2.84 0.00	34.03 2.11 0.00	34.69 2.50 0.00	28.44 2.02 0.00	32.85 1.90 0.00	31.27 1.66 0.00	27.26 1.20 0.00

ATHENS_STG_1 23668	23.42 0.30 0.00	22.14 0.26 0.00	23.86 0.24 0.00	22.74 0.27 0.00	23.99 0.26 0.00	23.05 0.35 0.00	31.25 0.82 0.00	35.61 0.93 0.00	30.49 0.78 0.00	34.69 0.68 0.00	30.84 0.60 0.00	32.84 0.62 0.00	26.76 0.52 0.00	24.82 0.49 0.00	25.43 0.55 -1.28	22.30 0.58 0.00	27.51 0.76 0.00	51.34 1.36 0.00	32.96 1.03 0.00	33.39 1.19 0.00	27.35 0.92 0.00	31.76 0.81 0.00	30.27 0.66 0.00	26.54 0.48 0.00
ATHENS_STG_2 23670	23.42 0.30 0.00	22.14 0.26 0.00	23.86 0.24 0.00	22.74 0.27 0.00	23.99 0.26 0.00	23.05 0.35 0.00	31.25 0.82 0.00	35.61 0.93 0.00	30.49 0.78 0.00	34.69 0.68 0.00	30.84 0.60 0.00	32.84 0.62 0.00	26.76 0.52 0.00	24.82 0.49 0.00	25.43 0.55 -1.28	22.30 0.58 0.00	27.51 0.76 0.00	51.34 1.36 0.00	32.96 1.03 0.00	33.39 1.19 0.00	27.35 0.92 0.00	31.76 0.81 0.00	30.27 0.66 0.00	26.54 0.48 0.00
ATHENS_STG_3 23677	23.42 0.30 0.00	22.14 0.26 0.00	23.86 0.24 0.00	22.74 0.27 0.00	23.99 0.26 0.00	23.05 0.35 0.00	31.25 0.82 0.00	35.61 0.93 0.00	30.49 0.78 0.00	34.69 0.68 0.00	30.84 0.60 0.00	32.84 0.62 0.00	26.76 0.52 0.00	24.82 0.49 0.00	25.43 0.55 -1.28	22.30 0.58 0.00	27.51 0.76 0.00	51.34 1.36 0.00	32.96 1.03 0.00	33.39 1.19 0.00	27.35 0.92 0.00	31.76 0.81 0.00	30.27 0.66 0.00	26.54 0.48 0.00
AUBURN___LFGE 323710	23.15 0.03 0.00	21.93 0.06 0.00	23.67 0.05 0.00	22.60 0.12 0.00	23.94 0.21 0.00	22.91 0.21 0.00	30.82 0.39 0.00	35.17 0.49 0.00	30.06 0.36 0.00	34.30 0.30 0.00	30.51 0.26 0.00	32.49 0.28 0.00	26.27 0.04 0.00	24.33 0.01 0.00	23.56 -0.04 0.00	21.55 -0.16 0.00	26.51 -0.24 0.00	49.74 -0.24 0.00	31.78 -0.14 0.00	32.29 0.10 0.00	26.48 0.05 0.00	30.92 -0.03 0.00	29.69 0.08 0.00	26.01 -0.05 0.00
BABYLON_RES_REC 323704	24.33 1.08 -0.13	22.81 0.93 0.00	24.55 0.93 0.00	23.41 0.94 0.00	24.67 0.95 0.00	23.80 1.10 0.00	32.50 2.07 0.00	35.06 2.31 1.92	30.78 1.73 0.65	35.60 1.60 0.00	31.93 1.60 -0.08	34.64 2.02 -0.41	28.81 1.59 -0.99	26.85 1.39 -1.14	37.36 1.50 -12.26	23.35 1.42 -0.22	30.16 1.79 -1.62	54.72 3.49 -1.25	34.26 2.33 0.00	35.12 2.92 0.00	29.84 2.27 -1.15	33.17 2.20 -0.02	32.43 2.07 -0.75	28.93 1.64 -1.22
BABYLON___69_KV_BK2 356345	24.50 1.27 -0.11	22.99 1.12 0.00	24.76 1.14 0.00	23.60 1.12 0.00	24.88 1.15 0.00	24.00 1.30 0.00	32.75 2.32 0.00	35.32 2.57 1.92	31.01 1.95 0.65	35.82 1.82 0.00	32.12 1.80 -0.07	34.86 2.28 -0.37	28.93 1.79 -0.90	26.95 1.59 -1.04	37.47 1.71 -12.15	23.51 1.59 -0.20	30.18 1.97 -1.47	55.10 3.99 -1.13	34.55 2.63 0.00	35.47 3.28 0.00	30.01 2.54 -1.05	33.47 2.50 -0.02	32.67 2.38 -0.68	29.09 1.92 -1.11
BALL_HILL_WT_PWR 323825	22.13 -0.91 0.08	21.01 -0.86 0.00	23.09 -0.54 0.00	22.04 -0.43 0.00	23.37 -0.36 0.00	22.14 -0.45 0.11	29.50 -0.89 0.04	32.91 -0.91 0.86	22.60 -0.36 6.74	31.99 -0.64 1.37	29.12 -0.58 0.54	30.85 -0.78 0.58	24.84 -1.40 0.00	22.90 -1.42 0.00	21.87 -1.73 0.00	19.92 -1.80 0.00	24.34 -2.41 0.00	45.15 -4.83 0.00	28.73 -3.19 0.00	29.14 -3.05 0.00	24.24 -2.19 0.00	28.16 -2.65 0.14	27.46 -1.93 0.23	24.91 -1.15 0.00
BARON_WINDS___WT_PWR 323822	22.18 -1.04 -0.09	21.03 -0.85 0.00	22.93 -0.69 0.00	21.87 -0.61 0.00	23.21 -0.52 0.00	22.33 -0.51 -0.13	30.28 -0.20 -0.05	35.55 -0.17 -1.04	37.79 -0.09 -8.17	35.52 -0.14 -1.66	31.06 0.15 -0.66	32.69 -0.22 -0.70	25.14 -1.10 0.00	23.13 -1.20 0.00	22.14 -1.46 0.00	20.18 -1.53 0.00	25.04 -1.71 0.00	46.76 -3.23 0.00	30.20 -1.73 0.00	30.72 -1.48 0.00	25.38 -1.05 0.00	29.53 -1.58 -0.16	28.75 -1.13 -0.27	25.05 -1.01 0.00
BARRETT_IC_1 23704	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_10 23701	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	44.54 1.38 -19.56	24.21 1.33 -1.17	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	34.61 2.06 -6.13	33.06 1.99 -0.12	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_11 23702	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	44.54 1.38 -19.56	24.21 1.33 -1.17	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	34.61 2.06 -6.13	33.06 1.99 -0.12	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_12 23703	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	44.54 1.38 -19.56	24.21 1.33 -1.17	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	34.61 2.06 -6.13	33.06 1.99 -0.12	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_2 23705	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_3 23706	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_4 23707	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02

BARRETT_IC_5 23708	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_6 23709	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_7 23710	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.60 1.54 0.65	35.50 1.50 0.00	32.80 1.60 -0.94	38.73 1.78 -4.74	38.74 1.41 -11.08	38.73 1.27 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.01 1.64 -18.63	67.28 2.98 -14.32	33.94 2.02 0.00	34.76 2.56 0.00	42.86 2.06 -14.38	33.22 1.99 -0.28	40.01 1.77 -8.63	41.43 1.35 -14.02
BARRETT_IC_8 23711	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT_IC_9 23700	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	44.54 1.38 -19.56	24.21 1.33 -1.17	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	34.61 2.06 -6.13	33.06 1.99 -0.12	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT___1 23545	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	51.30 1.38 -26.33	25.79 1.33 -2.74	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	42.86 2.06 -14.38	33.21 1.99 -0.28	40.01 1.76 -8.63	41.43 1.35 -14.02
BARRETT___2 23546	25.52 0.96 -1.45	22.68 0.81 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.53 0.80 0.00	23.67 0.96 0.00	32.30 1.87 0.00	34.82 2.07 1.92	30.59 1.54 0.65	35.50 1.50 0.00	32.79 1.60 -0.94	38.72 1.77 -4.74	38.72 1.40 -11.08	38.72 1.25 -13.14	44.54 1.38 -19.56	24.21 1.33 -1.17	47.00 1.62 -18.63	67.28 2.97 -14.32	33.94 2.02 0.00	34.75 2.56 0.00	34.61 2.06 -6.13	33.06 1.99 -0.12	40.01 1.76 -8.63	41.43 1.35 -14.02
BATAVIA__115KV_TB1 55881	22.47 -0.65 0.00	21.27 -0.60 0.00	23.32 -0.30 0.00	22.22 -0.26 0.00	23.55 -0.18 0.00	22.46 -0.24 0.00	29.88 -0.55 0.00	34.34 -0.33 0.00	29.70 0.00 0.00	33.74 -0.26 0.00	30.02 -0.23 0.00	31.91 -0.30 0.00	25.36 -0.88 0.00	23.42 -0.90 0.00	22.43 -1.17 0.00	20.49 -1.22 0.00	24.98 -1.77 0.00	46.49 -3.50 0.00	29.74 -2.19 0.00	30.19 -2.00 0.00	25.03 -1.40 0.00	29.17 -1.78 0.00	28.46 -1.15 0.00	25.47 -0.60 0.00
BAYONEEC___CTG1 323682	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG10 323750	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG2 323683	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG3 323684	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG4 323685	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG5 323686	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG6 323687	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00

BAYONEEC___CTG7 323688	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG8 323689	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BAYONEEC___CTG9 323749	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.26 1.75 -16.81	35.77 1.77 0.00	32.05 1.75 -0.05	34.01 1.79 -0.01	27.75 1.39 -0.11	25.57 1.24 0.00	35.23 1.29 -10.33	23.00 1.28 -0.01	28.38 1.63 0.00	52.77 2.78 0.00	34.00 2.07 0.00	34.66 2.46 0.00	28.42 1.99 0.00	32.82 1.87 0.00	31.25 1.64 0.00	27.23 1.17 0.00
BEACON___LESR 323632	23.77 0.66 0.00	22.49 0.62 0.00	24.25 0.63 0.00	23.11 0.63 0.00	24.40 0.66 0.00	23.43 0.73 0.00	31.71 1.28 0.00	36.18 1.50 0.00	30.70 0.99 0.00	34.82 0.82 0.00	30.88 0.64 0.00	32.93 0.71 0.00	26.90 0.66 0.00	24.95 0.62 0.00	24.31 0.70 0.00	22.48 0.77 0.00	27.81 1.06 0.00	52.27 2.29 0.00	33.66 1.74 0.00	33.93 1.74 0.00	27.76 1.33 0.00	32.31 1.37 0.00	30.73 1.12 0.00	26.99 0.93 0.00
BEAVER RIVER___HYD 24048	22.61 -0.50 0.00	21.32 -0.55 0.00	22.90 -0.72 0.00	21.72 -0.75 0.00	23.11 -0.62 0.00	22.32 -0.38 0.00	30.24 -0.19 0.00	34.64 -0.04 0.00	29.68 -0.03 0.00	33.79 -0.21 0.00	29.68 -0.56 0.00	31.84 -0.37 0.00	26.07 -0.17 0.00	23.69 -0.63 0.00	22.74 -0.86 0.00	20.60 -1.12 0.00	25.31 -1.44 0.00	47.48 -2.51 0.00	30.59 -1.34 0.00	31.06 -1.14 0.00	25.55 -0.88 0.00	30.16 -0.79 0.00	28.54 -1.07 0.00	25.04 -1.02 0.00
BEEBEE_GT_13 23619	22.46 -0.65 0.00	21.26 -0.61 0.00	23.20 -0.42 0.00	22.08 -0.40 0.00	23.39 -0.34 0.00	22.32 -0.39 0.00	29.80 -0.63 0.00	34.16 -0.52 0.00	29.41 -0.29 0.00	33.52 -0.48 0.00	29.85 -0.40 0.00	31.74 -0.46 0.00	25.42 -0.82 0.00	23.52 -0.80 0.00	22.64 -0.96 0.00	20.73 -0.99 0.00	25.39 -1.36 0.00	47.31 -2.68 0.00	30.21 -1.71 0.00	30.63 -1.56 0.00	25.29 -1.13 0.00	29.49 -1.46 0.00	28.57 -1.04 0.00	25.40 -0.66 0.00
BENSHRST_27_KV_BENSHRST_1 355998	24.26 1.14 0.00	22.78 0.91 0.00	24.53 0.91 0.00	23.38 0.90 0.00	24.69 0.96 0.00	23.84 1.14 0.00	32.57 2.14 0.00	86.41 2.51 -49.21	48.31 2.08 -16.54	36.09 2.09 0.00	32.36 2.06 -0.04	34.30 2.09 -0.01	28.01 1.66 -0.11	25.78 1.46 0.00	36.04 1.51 -10.93	23.19 1.48 0.00	28.65 1.90 0.00	53.21 3.22 0.00	34.32 2.40 0.00	35.00 2.80 0.00	28.72 2.29 0.00	33.13 2.18 0.00	31.56 1.94 0.00	27.49 1.43 0.00
BETHLEHEM___GRP 23843	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.82 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.25 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.37 0.76 0.00	26.72 0.65 0.00
BETHLEHEM___GS1 323560	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.42 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.83 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.24 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.38 0.76 0.00	26.72 0.66 0.00
BETHLEHEM___GS2 323561	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.42 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.83 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.24 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.38 0.76 0.00	26.72 0.66 0.00
BETHLEHEM___GS3 323562	23.55 0.44 0.00	22.30 0.43 0.00	24.05 0.42 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.66 0.96 0.00	34.83 0.83 0.00	30.90 0.65 0.00	32.95 0.74 0.00	26.91 0.67 0.00	24.96 0.63 0.00	24.32 0.72 0.00	22.48 0.77 0.00	27.73 0.98 0.00	51.71 1.73 0.00	33.17 1.24 0.00	33.50 1.30 0.00	27.42 0.99 0.00	31.90 0.95 0.00	30.38 0.76 0.00	26.72 0.66 0.00
BETHLEHEM___STEEL 23779	22.15 -0.96 0.00	21.01 -0.87 0.00	23.07 -0.55 0.00	21.98 -0.50 0.00	23.31 -0.42 0.00	22.18 -0.53 0.00	29.44 -0.99 0.00	33.73 -0.95 0.00	29.25 -0.45 0.00	33.28 -0.73 0.00	29.61 -0.63 0.00	31.44 -0.76 0.00	24.88 -1.36 0.00	22.97 -1.35 0.00	21.98 -1.62 0.00	20.04 -1.68 0.00	24.51 -2.24 0.00	45.41 -4.58 0.00	28.89 -3.04 0.00	29.26 -2.93 0.00	24.32 -2.10 0.00	28.41 -2.54 0.00	27.82 -1.79 0.00	24.99 -1.07 0.00
BETHLHEM_115KV_TB1 79974	23.57 0.45 0.00	22.31 0.44 0.00	24.06 0.44 0.00	22.93 0.45 0.00	24.19 0.46 0.00	23.22 0.52 0.00	31.39 0.96 0.00	35.78 1.11 0.00	30.68 0.98 0.00	34.85 0.85 0.00	30.92 0.66 0.00	32.96 0.75 0.00	26.92 0.68 0.00	24.97 0.64 0.00	24.32 0.72 0.00	22.49 0.78 0.00	27.74 0.99 0.00	51.74 1.75 0.00	33.20 1.27 0.00	33.52 1.32 0.00	27.44 1.01 0.00	31.93 0.98 0.00	30.39 0.78 0.00	26.73 0.67 0.00
BETHPAGE_CC_5 323564	24.37 1.08 -0.17	22.80 0.92 0.00	24.53 0.91 0.00	23.39 0.91 0.00	24.66 0.93 0.00	23.79 1.09 0.00	32.49 2.06 0.00	35.06 2.31 1.92	30.80 1.75 0.65	35.63 1.63 0.00	32.03 1.68 -0.11	34.79 2.03 -0.55	29.16 1.61 -1.31	27.29 1.44 -1.53	37.81 1.54 -12.66	23.44 1.44 -0.29	30.75 1.84 -2.17	55.14 3.49 -1.67	34.28 2.35 0.00	35.08 2.88 0.00	30.22 2.28 -1.51	33.18 2.21 -0.03	32.68 2.06 -1.01	29.31 1.62 -1.63
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	22.27 -0.84 0.00	21.12 -0.76 0.00	23.19 -0.43 0.00	22.09 -0.38 0.00	23.43 -0.30 0.00	22.30 -0.41 0.00	29.62 -0.81 0.00	33.94 -0.74 0.00	29.43 -0.27 0.00	33.49 -0.51 0.00	29.82 -0.43 0.00	31.66 -0.55 0.00	25.03 -1.21 0.00	23.11 -1.21 0.00	22.11 -1.50 0.00	20.16 -1.55 0.00	24.66 -2.08 0.00	45.71 -4.27 0.00	29.08 -2.84 0.00	29.47 -2.72 0.00	24.51 -1.92 0.00	28.62 -2.33 0.00	28.00 -1.61 0.00	25.12 -0.94 0.00

BINGHAMTON___COGEN 23790	22.92 -0.20 0.00	21.67 -0.21 0.00	23.48 -0.14 0.00	22.34 -0.13 0.00	23.63 -0.10 0.00	22.66 -0.04 0.00	30.66 0.23 0.00	34.90 0.22 0.00	29.86 0.16 0.00	34.13 0.13 0.00	30.44 0.19 0.00	32.34 0.13 0.00	26.02 -0.22 0.00	24.15 -0.18 0.00	23.35 -0.25 0.00	21.47 -0.25 0.00	26.44 -0.31 0.00	49.42 -0.57 0.00	31.65 -0.28 0.00	32.15 -0.05 0.00	26.43 0.00 0.00	30.72 -0.22 0.00	29.51 -0.10 0.00	25.91 -0.15 0.00
BIXINCNT_115KV_LOAD 355685	22.40 -0.72 0.00	21.34 -0.53 0.00	23.34 -0.28 0.00	22.29 -0.19 0.00	23.71 -0.02 0.00	22.57 -0.13 0.00	30.17 -0.26 0.00	34.46 -0.22 0.00	29.92 0.22 0.00	34.08 0.08 0.00	30.34 0.09 0.00	32.11 -0.10 0.00	25.11 -1.13 0.00	22.90 -1.43 0.00	21.84 -1.76 0.00	19.88 -1.83 0.00	24.39 -2.36 0.00	45.19 -4.80 0.00	28.79 -3.14 0.00	29.31 -2.89 0.00	24.79 -1.64 0.00	29.00 -1.95 0.00	27.97 -1.64 0.00	24.96 -1.11 0.00
BLACK RIVER___HYD 24047	22.57 -0.54 0.00	21.29 -0.58 0.00	22.81 -0.81 0.00	21.63 -0.85 0.00	23.08 -0.65 0.00	22.34 -0.36 0.00	30.33 -0.10 0.00	34.79 0.11 0.00	29.83 0.12 0.00	33.96 -0.04 0.00	29.88 -0.37 0.00	32.05 -0.16 0.00	26.08 -0.16 0.00	23.59 -0.73 0.00	22.62 -0.98 0.00	20.45 -1.26 0.00	25.16 -1.59 0.00	47.25 -2.74 0.00	30.45 -1.48 0.00	31.07 -1.13 0.00	25.59 -0.84 0.00	30.13 -0.81 0.00	28.47 -1.14 0.00	24.96 -1.10 0.00
BLACKRVR_115KV_TB2 79977	22.57 -0.54 0.00	21.29 -0.58 0.00	22.81 -0.81 0.00	21.63 -0.85 0.00	23.08 -0.65 0.00	22.34 -0.36 0.00	30.32 -0.11 0.00	34.79 0.11 0.00	29.82 0.12 0.00	33.96 -0.04 0.00	29.88 -0.36 0.00	32.06 -0.15 0.00	26.08 -0.16 0.00	23.59 -0.73 0.00	22.62 -0.98 0.00	20.45 -1.26 0.00	25.16 -1.59 0.00	47.25 -2.74 0.00	30.45 -1.48 0.00	31.07 -1.13 0.00	25.59 -0.84 0.00	30.13 -0.81 0.00	28.47 -1.14 0.00	24.96 -1.10 0.00
BLISS_WT_PWR 323608	22.20 -0.82 0.09	21.28 -0.60 0.00	23.25 -0.37 0.00	22.22 -0.25 0.00	23.66 -0.07 0.00	22.42 -0.16 0.13	30.09 -0.29 0.04	33.39 -0.30 0.99	22.12 0.18 7.76	32.46 0.03 1.58	29.64 0.02 0.62	31.32 -0.22 0.66	24.95 -1.29 0.00	22.66 -1.66 0.00	21.61 -1.99 0.00	19.64 -2.07 0.00	24.10 -2.65 0.00	44.61 -5.38 0.00	28.44 -3.48 0.00	28.96 -3.24 0.00	24.62 -1.80 0.00	28.69 -2.10 0.16	27.44 -1.91 0.26	24.70 -1.36 0.00
BLUESTONE___WT_PWR 323821	23.90 0.77 -0.01	22.20 0.33 0.00	24.39 0.77 0.00	22.99 0.51 0.00	24.46 0.73 0.00	23.69 0.97 -0.02	32.13 1.69 -0.01	36.80 1.99 -0.14	32.25 1.43 -1.11	35.90 1.67 -0.23	31.71 1.37 -0.09	33.78 1.47 -0.09	27.07 0.83 0.00	25.15 0.83 0.00	23.15 0.67 1.12	22.08 0.36 0.00	26.94 0.19 0.00	51.29 1.31 0.00	32.28 0.36 0.00	32.71 0.52 0.00	26.81 0.38 0.00	31.06 0.09 -0.02	29.70 0.05 -0.04	26.28 0.21 0.00
BLUE_CIRC_CHEM_DRP 24182	23.58 0.47 0.00	22.33 0.46 0.00	24.09 0.47 0.00	22.95 0.48 0.00	24.23 0.49 0.00	23.24 0.54 0.00	31.37 0.94 0.00	35.74 1.06 0.00	30.63 0.93 0.00	34.77 0.77 0.00	30.85 0.60 0.00	32.82 0.61 0.00	26.82 0.57 0.00	24.90 0.58 0.00	24.25 0.65 0.00	22.40 0.68 0.00	27.62 0.87 0.00	51.56 1.58 0.00	33.07 1.14 0.00	33.40 1.20 0.00	27.33 0.91 0.00	31.84 0.89 0.00	30.35 0.74 0.00	26.70 0.64 0.00
BOC_GAS_DRP 24189	23.39 0.27 0.00	22.13 0.26 0.00	23.86 0.24 0.00	22.74 0.26 0.00	24.00 0.27 0.00	23.03 0.32 0.00	31.11 0.68 0.00	35.45 0.77 0.00	30.37 0.67 0.00	34.56 0.56 0.00	30.70 0.45 0.00	32.70 0.49 0.00	26.68 0.44 0.00	24.74 0.42 0.00	24.09 0.48 0.00	22.23 0.52 0.00	27.42 0.67 0.00	51.14 1.16 0.00	32.80 0.88 0.00	33.16 0.97 0.00	27.16 0.73 0.00	31.61 0.66 0.00	30.14 0.53 0.00	26.48 0.42 0.00
BOONVILLE_115KV_TB1 79983	23.29 0.17 0.00	21.98 0.10 0.00	23.69 0.07 0.00	22.53 0.05 0.00	23.87 0.14 0.00	22.98 0.27 0.00	31.11 0.68 0.00	35.56 0.88 0.00	30.46 0.75 0.00	34.65 0.65 0.00	30.62 0.37 0.00	32.69 0.48 0.00	26.71 0.47 0.00	24.53 0.20 0.00	23.74 0.14 0.00	21.70 -0.02 0.00	26.71 -0.04 0.00	49.92 -0.06 0.00	32.09 0.17 0.00	32.51 0.31 0.00	26.70 0.28 0.00	31.28 0.33 0.00	29.74 0.13 0.00	26.09 0.02 0.00
BORALEX_4TH_BRANCH 23824	23.31 0.20 0.00	22.15 0.28 0.00	23.87 0.25 0.00	22.76 0.29 0.00	24.01 0.28 0.00	23.03 0.33 0.00	31.16 0.73 0.00	35.52 0.84 0.00	30.57 0.87 0.00	34.70 0.69 0.00	30.63 0.38 0.00	32.87 0.66 0.00	26.92 0.68 0.00	24.96 0.64 0.00	25.56 0.79 -1.17	22.57 0.86 0.00	27.85 1.10 0.00	51.67 1.68 0.00	33.08 1.16 0.00	33.36 1.16 0.00	27.21 0.78 0.00	31.68 0.73 0.00	30.09 0.48 0.00	26.59 0.52 0.00
BOWLINE___1 23526	23.81 0.69 0.00	22.41 0.54 0.00	24.14 0.52 0.00	23.02 0.54 0.00	24.30 0.57 0.00	23.43 0.72 0.00	31.96 1.53 0.00	35.30 1.78 1.15	30.72 1.40 0.39	35.38 1.38 0.00	31.60 1.35 0.00	33.56 1.35 0.00	27.24 1.03 0.03	25.25 0.92 0.00	12.59 0.96 11.97	22.67 0.95 0.00	27.99 1.24 0.00	52.22 2.23 0.00	33.63 1.70 0.00	34.26 2.06 0.00	28.07 1.64 0.00	32.44 1.49 0.00	30.91 1.30 0.00	26.99 0.93 0.00
BOWLINE___2 23595	23.80 0.69 0.00	22.41 0.54 0.00	24.14 0.52 0.00	23.02 0.54 0.00	24.30 0.57 0.00	23.43 0.72 0.00	31.96 1.53 0.00	35.30 1.78 1.15	30.72 1.40 0.39	35.38 1.38 0.00	31.60 1.35 0.00	33.56 1.35 0.00	27.24 1.03 0.03	25.25 0.92 0.00	12.58 0.96 11.98	22.67 0.95 0.00	27.99 1.23 0.00	52.19 2.20 0.00	33.61 1.69 0.00	34.24 2.05 0.00	28.05 1.63 0.00	32.44 1.49 0.00	30.90 1.29 0.00	26.98 0.92 0.00
BRADY___115KV_TB2 356060	23.30 0.19 0.00	22.07 0.20 0.00	23.84 0.21 0.00	22.60 0.13 0.00	23.84 0.11 0.00	22.73 0.03 0.00	30.25 -0.18 0.00	34.46 -0.22 0.00	29.42 -0.28 0.00	33.94 -0.07 0.00	30.17 -0.08 0.00	31.98 -0.23 0.00	26.24 0.00 0.00	24.23 -0.10 0.00	23.42 -0.18 0.00	21.47 -0.25 0.00	26.46 -0.30 0.00	49.87 -0.12 0.00	31.69 -0.23 0.00	31.82 -0.37 0.00	26.14 -0.28 0.00	30.99 0.04 0.00	29.67 0.06 0.00	26.22 0.15 0.00
BRANSCOMB___SOLAR 323811	23.66 0.54 0.00	22.43 0.56 0.00	24.15 0.53 0.00	23.01 0.54 0.00	24.31 0.59 0.00	23.33 0.63 0.00	31.49 1.07 0.00	35.92 1.24 0.00	30.88 1.18 0.00	34.98 0.97 0.00	30.83 0.58 0.00	32.92 0.71 0.00	26.88 0.63 0.00	24.91 0.59 0.00	24.29 0.69 0.00	22.53 0.81 0.00	27.91 1.16 0.00	52.15 2.16 0.00	33.37 1.45 0.00	33.71 1.51 0.00	27.57 1.14 0.00	32.05 1.10 0.00	30.49 0.88 0.00	26.81 0.75 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	24.38 1.19 -0.07	22.92 1.05 0.00	24.68 1.06 0.00	23.53 1.06 0.00	24.80 1.07 0.00	23.91 1.21 0.00	32.61 2.18 0.00	35.13 2.38 1.92	30.86 1.81 0.65	35.69 1.69 0.00	31.97 1.68 -0.04	34.59 2.15 -0.23	28.51 1.70 -0.57	26.49 1.52 -0.65	37.01 1.67 -11.74	23.32 1.48 -0.13	29.48 1.81 -0.92	54.46 3.77 -0.71	34.37 2.45 0.00	35.28 3.09 0.00	29.47 2.38 -0.67	33.28 2.32 -0.01	32.26 2.23 -0.43	28.58 1.82 -0.69

BRISTLHL_115KV_TB1 79998	22.70 -0.42 0.00	21.49 -0.38 0.00	23.24 -0.38 0.00	22.12 -0.36 0.00	23.40 -0.34 0.00	22.40 -0.31 0.00	30.03 -0.40 0.00	34.25 -0.43 0.00	29.34 -0.37 0.00	33.48 -0.52 0.00	29.80 -0.45 0.00	31.74 -0.47 0.00	25.70 -0.54 0.00	23.82 -0.50 0.00	23.06 -0.54 0.00	21.21 -0.50 0.00	26.05 -0.70 0.00	48.69 -1.30 0.00	31.18 -0.74 0.00	31.60 -0.59 0.00	25.97 -0.46 0.00	30.27 -0.68 0.00	28.98 -0.63 0.00	25.52 -0.55 0.00
BROOKHAVEN___DRP 24191	23.94 0.76 -0.06	22.64 0.77 0.00	24.36 0.74 0.00	23.27 0.79 0.00	24.52 0.79 0.00	23.67 0.96 0.00	32.22 1.79 0.00	34.51 1.76 1.92	30.28 1.23 0.65	35.06 1.06 0.00	31.26 0.98 -0.04	33.90 1.50 -0.20	27.97 1.25 -0.49	26.00 1.13 -0.55	36.60 1.36 -11.63	23.08 1.26 -0.11	29.01 1.48 -0.78	53.74 3.16 -0.60	33.84 1.92 0.00	35.00 2.81 0.00	29.02 2.03 -0.57	32.86 1.91 -0.01	31.93 1.96 -0.36	28.23 1.58 -0.59
BROOKLYN_NAVY_YARD 23515	24.06 0.94 0.00	22.61 0.74 0.00	24.33 0.71 0.00	23.20 0.72 0.00	24.48 0.75 0.00	23.62 0.92 0.00	32.30 1.87 0.00	86.90 2.20 -50.02	48.18 1.73 -16.76	35.75 1.75 0.00	32.00 1.71 -0.05	33.98 1.76 -0.01	27.74 1.38 -0.11	25.56 1.23 0.00	35.82 1.28 -10.94	22.99 1.27 -0.01	28.35 1.60 0.00	52.73 2.75 0.00	33.98 2.06 0.00	34.63 2.43 0.00	28.41 1.98 0.00	32.81 1.87 0.00	31.23 1.62 0.00	27.21 1.15 0.00
BROOKLYN___ARMY_DRP 323595	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
BROOKVLE_69_KV_TB1 55790	24.57 1.17 -0.28	22.88 1.00 0.00	24.61 0.99 0.00	23.47 0.99 0.00	24.76 1.03 0.00	23.91 1.20 0.00	32.67 2.24 0.00	35.29 2.53 1.92	30.89 1.84 0.65	35.76 1.76 0.00	32.24 1.82 -0.18	35.25 2.13 -0.91	30.16 1.77 -2.15	28.45 1.60 -2.53	39.03 1.68 -13.75	23.76 1.56 -0.48	32.34 2.01 -3.58	56.49 3.75 -2.75	34.44 2.52 0.00	35.10 2.91 0.00	31.37 2.44 -2.51	33.37 2.38 -0.05	33.45 2.18 -1.66	30.46 1.70 -2.69
BROOME_2_LFGE 323671	22.94 -0.20 -0.02	21.67 -0.21 0.00	23.48 -0.14 0.00	22.34 -0.13 0.00	23.63 -0.10 0.00	22.69 -0.04 -0.03	30.67 0.23 -0.01	35.14 0.22 -0.24	31.73 0.15 -1.87	34.51 0.13 -0.38	30.59 0.19 -0.15	32.50 0.13 -0.16	26.02 -0.22 0.00	24.15 -0.18 0.00	23.35 -0.25 0.00	21.46 -0.25 0.00	26.44 -0.31 0.00	49.42 -0.57 0.00	31.65 -0.27 0.00	32.15 -0.05 0.00	26.43 0.00 0.00	30.76 -0.23 -0.04	29.58 -0.09 -0.06	25.91 -0.15 0.00
BROOME___LFGE 323600	22.94 -0.20 -0.02	21.67 -0.21 0.00	23.48 -0.14 0.00	22.34 -0.13 0.00	23.63 -0.10 0.00	22.69 -0.04 -0.03	30.67 0.23 -0.01	35.14 0.22 -0.24	31.73 0.15 -1.87	34.51 0.13 -0.38	30.59 0.19 -0.15	32.50 0.13 -0.16	26.02 -0.22 0.00	24.15 -0.18 0.00	23.35 -0.25 0.00	21.46 -0.25 0.00	26.44 -0.31 0.00	49.42 -0.57 0.00	31.65 -0.27 0.00	32.15 -0.05 0.00	26.43 0.00 0.00	30.76 -0.23 -0.04	29.58 -0.09 -0.06	25.91 -0.15 0.00
BROWNFLS_115KV_TB_3_5 80003	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.90 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.21 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.57 0.00	30.68 -1.52 0.00	25.22 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.95 -1.12 0.00
BROWNSV1_27_KV_LOAD 356125	24.25 1.13 0.00	22.80 0.93 0.00	24.56 0.94 0.00	23.41 0.93 0.00	24.71 0.98 0.00	23.85 1.15 0.00	32.64 2.21 0.00	87.31 2.61 -50.02	48.60 2.09 -16.81	36.15 2.15 0.00	32.38 2.09 -0.05	34.37 2.16 -0.01	28.04 1.68 -0.11	25.83 1.51 0.00	36.08 1.54 -10.94	23.23 1.51 0.00	28.66 1.91 0.00	53.33 3.34 0.00	34.35 2.42 0.00	35.04 2.84 0.00	28.72 2.30 0.00	33.17 2.23 0.00	31.58 1.97 0.00	27.51 1.45 0.00
BURROWS___LYONSDAL 23803	23.12 0.00 0.00	21.80 -0.07 0.00	23.47 -0.15 0.00	22.31 -0.17 0.00	23.67 -0.06 0.00	22.81 0.11 0.00	30.91 0.48 0.00	35.35 0.67 0.00	30.29 0.59 0.00	34.45 0.44 0.00	30.36 0.11 0.00	32.48 0.27 0.00	26.56 0.32 0.00	24.32 -0.01 0.00	23.48 -0.12 0.00	21.40 -0.32 0.00	26.32 -0.43 0.00	49.22 -0.77 0.00	31.68 -0.24 0.00	32.11 -0.09 0.00	26.38 -0.04 0.00	30.98 0.03 0.00	29.41 -0.20 0.00	25.78 -0.28 0.00
CAITHNESS_CC_1 323624	23.98 0.81 -0.06	22.66 0.78 0.00	24.37 0.75 0.00	23.27 0.79 0.00	24.52 0.79 0.00	23.65 0.95 0.00	32.21 1.78 0.00	34.55 1.80 1.92	30.33 1.28 0.65	35.12 1.12 0.00	31.35 1.06 -0.03	33.97 1.56 -0.20	28.01 1.29 -0.48	26.03 1.15 -0.55	36.61 1.38 -11.63	23.09 1.27 -0.11	29.03 1.51 -0.77	53.74 3.16 -0.59	33.87 1.94 0.00	34.97 2.77 0.00	29.02 2.03 -0.57	32.87 1.91 -0.01	31.90 1.93 -0.36	28.20 1.56 -0.58
CALPINE BETH_PAGE_GT4 24209	24.39 1.06 -0.21	22.78 0.90 0.00	24.51 0.89 0.00	23.37 0.89 0.00	24.64 0.91 0.00	23.78 1.08 0.00	32.48 2.05 0.00	35.05 2.30 1.92	30.78 1.72 0.65	35.61 1.61 0.00	32.06 1.67 -0.14	34.91 2.00 -0.71	29.49 1.58 -1.67	27.71 1.42 -1.96	38.25 1.53 -13.11	23.50 1.42 -0.36	31.34 1.82 -2.77	55.57 3.45 -2.13	34.26 2.33 0.00	35.05 2.86 0.00	30.61 2.27 -1.92	33.18 2.19 -0.04	32.93 2.04 -1.29	29.74 1.59 -2.09
CALPINE_BETH_PAGE_GT_4 323586	24.39 1.06 -0.21	22.78 0.90 0.00	24.51 0.89 0.00	23.37 0.89 0.00	24.64 0.91 0.00	23.78 1.08 0.00	32.48 2.05 0.00	35.05 2.29 1.92	30.78 1.72 0.65	35.62 1.61 0.00	32.05 1.67 -0.14	34.92 2.01 -0.71	29.50 1.59 -1.67	27.71 1.42 -1.96	38.24 1.53 -13.11	23.50 1.42 -0.36	31.35 1.83 -2.77	55.57 3.45 -2.13	34.26 2.33 0.00	35.05 2.86 0.00	30.61 2.27 -1.92	33.18 2.20 -0.04	32.93 2.03 -1.29	29.74 1.59 -2.09
CALPINE_BP_GT1 23823	24.39 1.06 -0.21	22.78 0.90 0.00	24.51 0.89 0.00	23.37 0.89 0.00	24.64 0.91 0.00	23.78 1.08 0.00	32.48 2.05 0.00	35.05 2.29 1.92	30.78 1.72 0.65	35.62 1.61 0.00	32.05 1.67 -0.14	34.92 2.01 -0.71	29.50 1.59 -1.67	27.71 1.42 -1.96	38.24 1.53 -13.11	23.50 1.42 -0.36	31.35 1.83 -2.77	55.57 3.45 -2.13	34.26 2.33 0.00	35.05 2.86 0.00	30.61 2.27 -1.92	33.18 2.20 -0.04	32.93 2.03 -1.29	29.74 1.59 -2.09
CALSPAN___DRP 24200	22.15 -0.96 0.00	21.01 -0.87 0.00	23.07 -0.55 0.00	21.98 -0.50 0.00	23.31 -0.42 0.00	22.18 -0.53 0.00	29.44 -0.99 0.00	33.73 -0.95 0.00	29.25 -0.45 0.00	33.28 -0.73 0.00	29.61 -0.63 0.00	31.44 -0.76 0.00	24.88 -1.36 0.00	22.97 -1.35 0.00	21.98 -1.62 0.00	20.04 -1.68 0.00	24.51 -2.24 0.00	45.41 -4.58 0.00	28.89 -3.04 0.00	29.26 -2.93 0.00	24.32 -2.10 0.00	28.41 -2.54 0.00	27.82 -1.79 0.00	24.99 -1.07 0.00

CALVERTON___SOLAR 323806	23.93 0.75 -0.06	22.66 0.79 0.00	24.38 0.76 0.00	23.30 0.82 0.00	24.55 0.82 0.00	23.70 1.00 0.00	32.26 1.83 0.00	34.52 1.76 1.92	30.27 1.22 0.65	35.05 1.05 0.00	31.21 0.93 -0.04	33.89 1.48 -0.20	27.97 1.24 -0.49	26.00 1.13 -0.55	36.61 1.37 -11.63	23.10 1.27 -0.11	29.02 1.50 -0.78	53.79 3.21 -0.60	33.85 1.92 0.00	35.08 2.88 0.00	29.05 2.05 -0.57	32.90 1.94 -0.01	31.98 2.01 -0.36	28.28 1.63 -0.59
CANDIGU_WT_PWR 323617	22.18 -1.04 -0.09	21.03 -0.85 0.00	22.93 -0.69 0.00	21.87 -0.61 0.00	23.21 -0.52 0.00	22.33 -0.51 -0.13	30.28 -0.20 -0.05	35.55 -0.17 -1.04	37.79 -0.09 -8.17	35.52 -0.14 -1.66	31.06 0.15 -0.66	32.69 -0.22 -0.70	25.14 -1.10 0.00	23.13 -1.20 0.00	22.14 -1.46 0.00	20.18 -1.53 0.00	25.04 -1.71 0.00	46.76 -3.23 0.00	30.20 -1.73 0.00	30.72 -1.48 0.00	25.38 -1.05 0.00	29.53 -1.58 -0.16	28.75 -1.13 -0.27	25.05 -1.01 0.00
CARR STREET_E_SYR 24060	22.85 -0.26 0.00	21.62 -0.25 0.00	23.40 -0.22 0.00	22.28 -0.20 0.00	23.56 -0.17 0.00	22.55 -0.15 0.00	30.27 -0.16 0.00	34.53 -0.15 0.00	29.58 -0.12 0.00	33.76 -0.24 0.00	30.06 -0.19 0.00	32.00 -0.20 0.00	25.88 -0.36 0.00	24.00 -0.32 0.00	23.26 -0.35 0.00	21.39 -0.32 0.00	26.28 -0.47 0.00	49.07 -0.91 0.00	31.40 -0.52 0.00	31.81 -0.39 0.00	26.14 -0.28 0.00	30.47 -0.48 0.00	29.21 -0.41 0.00	25.70 -0.37 0.00
CARTHAGE___PAPER 23857	22.75 -0.37 0.00	21.45 -0.42 0.00	23.01 -0.61 0.00	21.82 -0.66 0.00	23.25 -0.48 0.00	22.47 -0.23 0.00	30.48 0.05 0.00	34.91 0.24 0.00	29.91 0.21 0.00	34.08 0.07 0.00	29.95 -0.30 0.00	32.13 -0.08 0.00	26.24 0.00 0.00	23.79 -0.54 0.00	22.82 -0.78 0.00	20.66 -1.06 0.00	25.38 -1.36 0.00	47.67 -2.31 0.00	30.72 -1.21 0.00	31.27 -0.93 0.00	25.74 -0.69 0.00	30.36 -0.59 0.00	28.69 -0.92 0.00	25.17 -0.89 0.00
CASSADAGA_WT_PWR 323784	22.53 -0.51 0.08	21.25 -0.63 0.00	23.52 -0.10 0.00	22.50 0.02 0.00	23.78 0.05 0.00	22.60 0.02 0.11	30.25 -0.14 0.04	33.44 -0.33 0.91	22.85 0.27 7.12	32.67 0.11 1.45	29.76 0.08 0.57	31.33 -0.27 0.61	25.10 -1.14 0.00	23.01 -1.31 0.00	21.82 -1.78 0.00	19.84 -1.88 0.00	24.26 -2.49 0.00	44.98 -5.00 0.00	28.74 -3.19 0.00	29.19 -3.01 0.00	24.39 -2.03 0.00	28.31 -2.49 0.14	27.56 -1.82 0.24	25.42 -0.64 0.00
CE_DUNWOOD___DRP 24194	23.91 0.80 0.00	22.52 0.64 0.00	24.24 0.62 0.00	23.11 0.63 0.00	24.39 0.66 0.00	23.52 0.81 0.00	32.11 1.68 0.00	34.93 1.97 1.72	30.69 1.57 0.58	35.57 1.57 0.00	31.76 1.52 0.00	33.78 1.56 0.00	27.48 1.22 -0.03	25.42 1.10 0.00	36.15 1.14 -11.41	22.85 1.13 0.00	28.20 1.45 0.00	52.55 2.57 0.00	33.83 1.91 0.00	34.46 2.27 0.00	28.24 1.82 0.00	32.64 1.70 0.00	31.08 1.47 0.00	27.13 1.06 0.00
CE_MILLWOOD___DRP 24193	23.88 0.76 0.00	22.48 0.61 0.00	24.21 0.59 0.00	23.09 0.61 0.00	24.36 0.63 0.00	23.48 0.78 0.00	32.05 1.63 0.00	35.11 1.90 1.47	30.72 1.51 0.49	35.50 1.50 0.00	31.70 1.46 0.00	33.70 1.49 0.00	27.42 1.15 -0.03	25.36 1.04 0.00	36.44 1.08 -11.76	22.79 1.07 0.00	28.13 1.39 0.00	52.44 2.46 0.00	33.76 1.84 0.00	34.40 2.20 0.00	28.18 1.76 0.00	32.57 1.63 0.00	31.02 1.41 0.00	27.08 1.02 0.00
CE_NYC2_DRP 24202	24.09 0.97 0.00	22.66 0.79 0.00	24.40 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.71 1.01 0.00	32.40 1.97 0.00	86.21 2.32 -49.21	48.12 1.88 -16.54	35.90 1.90 0.00	32.16 1.87 -0.04	34.12 1.91 -0.01	27.86 1.51 -0.11	25.66 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.48 1.73 0.00	52.91 2.93 0.00	34.12 2.20 0.00	34.76 2.57 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.25 0.00
CE_NYC_DRP 24195	24.04 0.93 0.00	22.62 0.75 0.00	24.36 0.73 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.35 1.92 0.00	87.14 2.28 -50.19	48.36 1.79 -16.86	35.83 1.83 0.00	32.10 1.80 -0.05	34.07 1.85 -0.01	27.80 1.45 -0.11	25.61 1.29 0.00	35.88 1.33 -10.94	23.04 1.32 0.00	28.42 1.67 0.00	52.87 2.88 0.00	34.05 2.12 0.00	34.70 2.51 0.00	28.45 2.03 0.00	32.85 1.91 0.00	31.28 1.67 0.00	27.26 1.20 0.00
CHAFFEE___LFGE 323603	22.16 -0.87 0.08	21.08 -0.80 0.00	23.15 -0.47 0.00	22.04 -0.43 0.00	23.37 -0.36 0.00	22.13 -0.45 0.12	29.53 -0.86 0.04	32.96 -0.79 0.93	22.09 -0.32 7.29	31.96 -0.56 1.48	29.17 -0.49 0.58	30.96 -0.62 0.62	25.00 -1.24 0.00	23.11 -1.22 0.00	22.11 -1.49 0.00	20.16 -1.55 0.00	24.68 -2.07 0.00	45.76 -4.22 0.00	29.12 -2.81 0.00	29.53 -2.66 0.00	24.52 -1.90 0.00	28.48 -2.32 0.15	27.78 -1.59 0.24	25.13 -0.93 0.00
CHATEAUG_35_KV_LOAD 355732	23.46 0.34 0.00	22.23 0.35 0.00	24.17 0.55 0.00	22.98 0.50 0.00	24.13 0.40 0.00	22.83 0.13 0.00	30.36 -0.07 0.00	34.29 -0.39 0.00	28.81 -0.89 0.00	33.08 -0.93 0.00	29.41 -0.84 0.00	31.60 -0.61 0.00	25.96 -0.28 0.00	24.23 -0.10 0.00	23.44 -0.17 0.00	21.16 -0.56 0.00	26.12 -0.63 0.00	49.65 -0.33 0.00	31.05 -0.88 0.00	31.41 -0.79 0.00	25.96 -0.47 0.00	30.79 -0.16 0.00	29.14 -0.47 0.00	25.71 -0.35 0.00
CHATEAUG_WT_PWR 323614	23.41 0.29 0.00	22.16 0.28 0.00	24.11 0.49 0.00	22.94 0.47 0.00	24.10 0.37 0.00	22.79 0.09 0.00	30.30 -0.13 0.00	34.19 -0.48 0.00	28.70 -1.00 0.00	32.93 -1.08 0.00	29.28 -0.97 0.00	31.53 -0.67 0.00	25.94 -0.30 0.00	24.18 -0.15 0.00	23.44 -0.17 0.00	21.12 -0.59 0.00	26.03 -0.72 0.00	49.51 -0.47 0.00	30.93 -1.00 0.00	31.29 -0.90 0.00	25.88 -0.55 0.00	30.65 -0.29 0.00	29.01 -0.60 0.00	25.59 -0.47 0.00
CHAT_HIGH_FALL_HYD 323578	23.46 0.34 0.00	22.23 0.35 0.00	24.17 0.55 0.00	22.98 0.50 0.00	24.13 0.40 0.00	22.83 0.13 0.00	30.36 -0.07 0.00	34.29 -0.39 0.00	28.81 -0.89 0.00	33.08 -0.93 0.00	29.41 -0.84 0.00	31.60 -0.61 0.00	25.96 -0.28 0.00	24.23 -0.10 0.00	23.44 -0.17 0.00	21.16 -0.56 0.00	26.12 -0.63 0.00	49.65 -0.33 0.00	31.05 -0.88 0.00	31.41 -0.79 0.00	25.96 -0.47 0.00	30.79 -0.16 0.00	29.14 -0.47 0.00	25.71 -0.35 0.00
CHAUTAUQUA___LFGE 323629	22.26 -0.77 0.08	21.11 -0.76 0.00	23.23 -0.39 0.00	22.20 -0.28 0.00	23.53 -0.19 0.00	22.32 -0.27 0.11	29.75 -0.65 0.04	33.10 -0.69 0.88	22.68 -0.11 6.91	32.23 -0.37 1.40	29.35 -0.34 0.55	31.04 -0.58 0.59	24.96 -1.28 0.00	22.98 -1.35 0.00	21.91 -1.70 0.00	19.93 -1.79 0.00	24.33 -2.42 0.00	45.13 -4.86 0.00	28.76 -3.17 0.00	29.19 -3.01 0.00	24.31 -2.12 0.00	28.23 -2.58 0.14	27.52 -1.86 0.23	25.04 -1.02 0.00
CHERRYST_13_KV_LD 356241	24.10 0.98 0.00	22.67 0.80 0.00	24.42 0.79 0.00	23.28 0.80 0.00	24.57 0.84 0.00	23.71 1.01 0.00	32.45 2.02 0.00	87.25 2.39 -50.19	48.47 1.90 -16.86	35.95 1.95 0.00	32.20 1.91 -0.05	34.18 1.97 -0.01	27.90 1.54 -0.11	25.70 1.37 0.00	35.96 1.41 -10.94	23.11 1.40 0.00	28.51 1.77 0.00	53.03 3.04 0.00	34.15 2.23 0.00	34.80 2.61 0.00	28.53 2.11 0.00	32.94 2.00 0.00	31.36 1.75 0.00	27.33 1.26 0.00

CHESTROR_138KV_BK263 355645	23.71 0.60 0.00	22.34 0.47 0.00	24.07 0.45 0.00	22.95 0.47 0.00	24.23 0.49 0.00	23.34 0.63 0.00	31.79 1.36 0.00	35.65 1.57 0.59	30.73 1.23 0.20	35.22 1.22 0.00	31.42 1.17 0.00	33.37 1.16 0.00	27.11 0.88 0.02	25.12 0.80 0.00	17.76 0.83 6.68	22.56 0.85 0.00	27.84 1.09 0.00	51.97 1.99 0.00	33.44 1.52 0.00	34.03 1.83 0.00	27.88 1.46 0.00	32.27 1.33 0.00	30.75 1.13 0.00	26.87 0.81 0.00
CH_MIDHUDSON___DRP 24192	23.72 0.61 0.00	22.40 0.53 0.00	24.12 0.50 0.00	23.00 0.52 0.00	24.25 0.52 0.00	23.35 0.65 0.00	31.80 1.37 0.00	36.29 1.61 0.00	31.02 1.31 0.00	35.29 1.28 0.00	31.41 1.16 0.00	33.37 1.17 0.00	27.18 0.94 0.00	25.21 0.88 0.00	25.66 0.95 -1.10	22.68 0.96 0.00	28.00 1.25 0.00	52.34 2.36 0.00	33.65 1.72 0.00	34.19 1.99 0.00	28.00 1.57 0.00	32.40 1.45 0.00	30.81 1.20 0.00	26.94 0.88 0.00
CH_MISC_IPPS 23765	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.24 1.53 0.00	35.55 1.54 0.00	31.67 1.42 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.82 1.11 0.00	28.18 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.44 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00
CH_RES_BVR_FALLS 23983	22.88 -0.23 0.00	21.65 -0.22 0.00	23.39 -0.23 0.00	22.20 -0.28 0.00	23.45 -0.28 0.00	22.42 -0.28 0.00	29.96 -0.47 0.00	34.19 -0.49 0.00	29.24 -0.46 0.00	33.42 -0.58 0.00	29.49 -0.76 0.00	31.58 -0.63 0.00	26.01 -0.23 0.00	24.08 -0.24 0.00	23.19 -0.41 0.00	21.14 -0.57 0.00	26.00 -0.75 0.00	48.67 -1.32 0.00	31.11 -0.81 0.00	31.24 -0.95 0.00	25.74 -0.69 0.00	30.39 -0.56 0.00	29.11 -0.50 0.00	25.65 -0.41 0.00
CH_RES_NIAGARA 23895	21.52 -1.60 0.00	20.43 -1.45 0.00	22.46 -1.17 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.53 -1.17 0.00	28.40 -2.03 0.00	32.47 -2.21 0.00	28.17 -1.53 0.00	31.92 -2.09 0.00	28.36 -1.89 0.00	30.11 -2.10 0.00	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.38 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.76 -6.22 0.00	27.82 -4.11 0.00	28.12 -4.08 0.00	23.36 -3.07 0.00	27.32 -3.63 0.00	26.85 -2.76 0.00	24.20 -1.87 0.00
CH_RES_SYRACUSE 23985	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.75 0.05 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.13 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
CLINTON_WT_PWR 323605	23.41 0.29 0.00	22.16 0.28 0.00	24.11 0.49 0.00	22.94 0.47 0.00	24.10 0.37 0.00	22.79 0.09 0.00	30.30 -0.13 0.00	34.19 -0.48 0.00	28.70 -1.00 0.00	32.93 -1.08 0.00	29.28 -0.97 0.00	31.53 -0.67 0.00	25.94 -0.30 0.00	24.18 -0.15 0.00	23.44 -0.17 0.00	21.12 -0.59 0.00	26.03 -0.72 0.00	49.51 -0.47 0.00	30.93 -1.00 0.00	31.29 -0.90 0.00	25.88 -0.55 0.00	30.65 -0.29 0.00	29.01 -0.60 0.00	25.59 -0.47 0.00
CLINTON___LFGE 323618	23.73 0.61 0.00	22.48 0.61 0.00	24.45 0.83 0.00	23.26 0.78 0.00	24.41 0.68 0.00	23.09 0.39 0.00	30.75 0.32 0.00	34.75 0.08 0.00	29.22 -0.49 0.00	33.43 -0.57 0.00	29.75 -0.50 0.00	32.03 -0.18 0.00	26.37 0.13 0.00	24.58 0.26 0.00	23.80 0.19 0.00	21.46 -0.25 0.00	26.44 -0.30 0.00	50.30 0.31 0.00	31.53 -0.40 0.00	31.94 -0.26 0.00	26.36 -0.07 0.00	31.18 0.23 0.00	29.48 -0.13 0.00	26.03 -0.03 0.00
COBBLENY_34_KV_TB1 80064	22.24 -0.88 0.00	21.08 -0.80 0.00	23.15 -0.47 0.00	22.04 -0.43 0.00	23.37 -0.36 0.00	22.25 -0.45 0.00	29.57 -0.86 0.00	33.88 -0.80 0.00	29.38 -0.33 0.00	33.44 -0.56 0.00	29.76 -0.49 0.00	31.60 -0.61 0.00	25.00 -1.24 0.00	23.11 -1.21 0.00	22.11 -1.50 0.00	20.17 -1.55 0.00	24.68 -2.07 0.00	45.76 -4.23 0.00	29.11 -2.81 0.00	29.53 -2.66 0.00	24.52 -1.90 0.00	28.63 -2.32 0.00	28.03 -1.58 0.00	25.13 -0.93 0.00
COFFEEN___115KV_TB3 355620	22.72 -0.40 0.00	21.42 -0.46 0.00	22.96 -0.66 0.00	21.77 -0.70 0.00	23.23 -0.50 0.00	22.49 -0.21 0.00	30.54 0.11 0.00	35.04 0.37 0.00	30.04 0.34 0.00	34.21 0.20 0.00	30.12 -0.12 0.00	32.30 0.09 0.00	26.23 -0.01 0.00	23.72 -0.60 0.00	22.76 -0.84 0.00	20.57 -1.15 0.00	25.32 -1.43 0.00	47.59 -2.40 0.00	30.68 -1.24 0.00	31.38 -0.82 0.00	25.85 -0.58 0.00	30.40 -0.55 0.00	28.72 -0.89 0.00	25.17 -0.89 0.00
COLDSPRG_115KV_BK1 355956	23.18 0.07 0.00	21.84 -0.04 0.00	24.04 0.41 0.00	22.93 0.45 0.00	24.25 0.52 0.00	23.12 0.41 0.00	30.96 0.53 0.00	35.42 0.74 0.00	30.69 0.99 0.00	34.99 0.99 0.00	31.30 1.05 0.00	33.13 0.92 0.00	26.11 -0.13 0.00	24.08 -0.24 0.00	22.93 -0.67 0.00	20.92 -0.79 0.00	25.68 -1.07 0.00	47.75 -2.23 0.00	30.42 -1.51 0.00	30.91 -1.29 0.00	25.68 -0.74 0.00	29.89 -1.05 0.00	29.21 -0.40 0.00	26.29 0.22 0.00
COLONIE_LFGE___ 323577	23.44 0.32 0.00	22.21 0.34 0.00	23.94 0.32 0.00	22.82 0.34 0.00	24.08 0.35 0.00	23.12 0.42 0.00	31.22 0.79 0.00	35.60 0.92 0.00	30.56 0.86 0.00	34.69 0.68 0.00	30.69 0.44 0.00	32.78 0.57 0.00	26.81 0.56 0.00	24.85 0.53 0.00	24.23 0.63 0.00	22.42 0.71 0.00	27.70 0.94 0.00	51.61 1.63 0.00	33.07 1.15 0.00	33.38 1.18 0.00	27.30 0.88 0.00	31.76 0.82 0.00	30.21 0.61 0.00	26.61 0.54 0.00
COOPERNY_115KV_TB1 80082	23.69 0.57 0.00	22.32 0.45 0.00	24.07 0.45 0.00	22.94 0.46 0.00	24.22 0.48 0.00	23.31 0.61 0.00	31.67 1.24 0.00	36.11 1.43 0.00	30.82 1.12 0.00	35.13 1.13 0.00	31.31 1.06 0.00	33.27 1.06 0.00	27.02 0.78 0.01	25.06 0.73 0.00	21.40 0.75 2.96	22.45 0.73 0.00	27.65 0.90 0.00	51.73 1.74 0.00	33.22 1.30 0.00	33.76 1.56 0.00	27.68 1.26 0.00	32.09 1.14 0.00	30.60 0.99 0.00	26.80 0.73 0.00
COPENHAGEN_WT_PWR 323753	22.41 -0.70 0.00	21.14 -0.74 0.00	22.60 -1.03 0.00	21.43 -1.05 0.00	22.91 -0.82 0.00	22.19 -0.51 0.00	30.12 -0.31 0.00	34.59 -0.09 0.00	29.67 -0.03 0.00	33.77 -0.23 0.00	29.70 -0.55 0.00	31.89 -0.32 0.00	25.96 -0.28 0.00	23.39 -0.93 0.00	22.42 -1.19 0.00	20.25 -1.46 0.00	24.88 -1.87 0.00	46.73 -3.26 0.00	30.10 -1.82 0.00	30.70 -1.50 0.00	25.29 -1.14 0.00	29.82 -1.13 0.00	28.15 -1.46 0.00	24.69 -1.37 0.00
CORNELL_____ 23752	23.35 0.23 0.00	22.07 0.20 0.00	23.91 0.29 0.00	22.75 0.27 0.00	24.09 0.36 0.00	23.11 0.41 0.00	31.23 0.80 0.00	35.58 0.90 0.00	30.42 0.72 0.00	34.72 0.71 0.00	30.89 0.64 0.00	32.78 0.57 0.00	26.47 0.23 0.00	24.56 0.24 0.00	23.84 0.23 0.00	21.91 0.19 0.00	26.94 0.20 0.00	50.44 0.45 0.00	32.28 0.36 0.00	32.79 0.60 0.00	26.94 0.52 0.00	31.34 0.40 0.00	30.03 0.42 0.00	26.36 0.30 0.00

CORONA_69_KV_TB1 355595	25.14 1.11 -0.92	22.81 0.94 0.00	24.54 0.92 0.00	23.40 0.92 0.00	24.67 0.95 0.00	23.83 1.12 0.00	32.57 2.14 0.00	35.16 2.41 1.92	30.88 1.83 0.65	35.80 1.80 0.00	32.69 1.85 -0.60	37.30 2.09 -3.01	34.91 1.64 -7.03	34.14 1.48 -8.33	45.91 1.57 -20.73	24.93 1.47 -1.74	40.43 1.88 -11.81	62.56 3.50 -9.07	34.30 2.37 0.00	35.07 2.88 0.00	37.88 2.32 -9.13	33.39 2.27 -0.18	37.14 2.06 -5.47	36.54 1.59 -8.88
CORTLAND_115KV_TB3 80093	23.17 0.06 0.00	21.91 0.03 0.00	23.71 0.09 0.00	22.57 0.09 0.00	23.88 0.15 0.00	22.90 0.20 0.00	30.93 0.50 0.00	35.17 0.49 0.00	30.07 0.37 0.00	34.34 0.34 0.00	30.58 0.33 0.00	32.56 0.36 0.00	26.32 0.08 0.00	24.40 0.08 0.00	23.67 0.06 0.00	21.76 0.04 0.00	26.77 0.02 0.00	50.05 0.06 0.00	32.05 0.13 0.00	32.54 0.35 0.00	26.73 0.30 0.00	31.11 0.16 0.00	29.80 0.19 0.00	26.16 0.10 0.00
COXSACKIE___GT 23611	24.62 1.50 0.00	23.29 1.41 0.00	25.13 1.50 0.00	23.96 1.49 0.00	25.29 1.56 0.00	24.32 1.61 0.00	32.97 2.54 0.00	37.70 3.02 0.00	32.41 2.71 0.00	36.62 2.62 0.00	32.30 2.05 0.00	34.32 2.11 0.00	27.78 1.54 0.00	25.85 1.52 0.00	25.28 1.68 0.00	23.36 1.64 0.00	28.87 2.12 0.00	54.34 4.35 0.00	35.00 3.07 0.00	35.36 3.17 0.00	28.86 2.44 0.00	33.57 2.63 0.00	31.90 2.29 0.00	28.04 1.98 0.00
CPV_VALLEY___CC1 323721	23.53 0.41 0.00	22.19 0.31 0.00	23.90 0.28 0.00	22.79 0.31 0.00	24.05 0.32 0.00	23.16 0.45 0.00	31.49 1.06 0.00	35.90 1.23 0.00	30.65 0.95 0.00	34.91 0.90 0.00	31.13 0.88 0.00	33.08 0.87 0.00	26.88 0.65 0.01	24.93 0.60 0.00	19.34 0.65 4.91	22.37 0.66 0.00	27.60 0.85 0.00	51.52 1.54 0.00	33.12 1.20 0.00	33.68 1.48 0.00	27.59 1.17 0.00	31.97 1.02 0.00	30.46 0.85 0.00	26.65 0.58 0.00
CPV_VALLEY___CC2 323722	23.53 0.41 0.00	22.19 0.31 0.00	23.90 0.28 0.00	22.79 0.31 0.00	24.05 0.32 0.00	23.16 0.45 0.00	31.49 1.06 0.00	35.90 1.23 0.00	30.65 0.95 0.00	34.91 0.90 0.00	31.13 0.88 0.00	33.08 0.87 0.00	26.88 0.65 0.01	24.93 0.60 0.00	19.34 0.65 4.91	22.37 0.66 0.00	27.60 0.85 0.00	51.52 1.54 0.00	33.12 1.20 0.00	33.68 1.48 0.00	27.59 1.17 0.00	31.97 1.02 0.00	30.46 0.85 0.00	26.65 0.58 0.00
CRESCENT___HYD 24018	23.44 0.32 0.00	22.21 0.34 0.00	23.94 0.32 0.00	22.82 0.34 0.00	24.08 0.35 0.00	23.12 0.42 0.00	31.22 0.79 0.00	35.60 0.92 0.00	30.56 0.86 0.00	34.69 0.68 0.00	30.69 0.44 0.00	32.78 0.57 0.00	26.81 0.56 0.00	24.85 0.53 0.00	24.23 0.63 0.00	22.42 0.71 0.00	27.70 0.94 0.00	51.61 1.63 0.00	33.07 1.15 0.00	33.38 1.18 0.00	27.30 0.88 0.00	31.76 0.82 0.00	30.21 0.61 0.00	26.61 0.54 0.00
CRICKET___VALLEY_CC1 323756	23.38 0.27 0.00	22.12 0.25 0.00	23.80 0.17 0.00	22.70 0.22 0.00	23.92 0.19 0.00	23.01 0.30 0.00	31.31 0.88 0.00	35.73 1.05 0.00	30.58 0.88 0.00	34.78 0.78 0.00	30.89 0.64 0.00	32.85 0.64 0.00	26.79 0.55 -0.01	24.86 0.53 0.00	26.80 0.63 -2.58	22.41 0.69 0.00	27.71 0.96 0.00	51.82 1.84 0.00	33.34 1.42 0.00	33.83 1.64 0.00	27.66 1.24 0.00	31.99 1.05 0.00	30.36 0.74 0.00	26.56 0.49 0.00
CRICKET___VALLEY_CC2 323757	23.38 0.27 0.00	22.12 0.25 0.00	23.80 0.17 0.00	22.70 0.22 0.00	23.92 0.19 0.00	23.01 0.30 0.00	31.31 0.88 0.00	35.73 1.05 0.00	30.58 0.88 0.00	34.78 0.78 0.00	30.89 0.64 0.00	32.85 0.64 0.00	26.79 0.55 -0.01	24.86 0.53 0.00	26.80 0.63 -2.58	22.41 0.69 0.00	27.71 0.96 0.00	51.82 1.84 0.00	33.34 1.42 0.00	33.83 1.64 0.00	27.66 1.24 0.00	31.99 1.05 0.00	30.36 0.74 0.00	26.56 0.49 0.00
CRICKET___VALLEY_CC3 323758	23.38 0.27 0.00	22.12 0.25 0.00	23.80 0.17 0.00	22.70 0.22 0.00	23.92 0.19 0.00	23.01 0.30 0.00	31.31 0.88 0.00	35.73 1.05 0.00	30.58 0.88 0.00	34.78 0.78 0.00	30.89 0.64 0.00	32.85 0.64 0.00	26.79 0.55 -0.01	24.86 0.53 0.00	26.80 0.63 -2.58	22.41 0.69 0.00	27.71 0.96 0.00	51.82 1.84 0.00	33.34 1.42 0.00	33.83 1.64 0.00	27.66 1.24 0.00	31.99 1.05 0.00	30.36 0.74 0.00	26.56 0.49 0.00
CRUCIBLE_METL_DRP 24180	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
DAHOWA___HYDRO 323763	23.69 0.58 0.00	22.47 0.60 0.00	24.18 0.56 0.00	23.05 0.57 0.00	24.36 0.63 0.00	23.37 0.67 0.00	31.53 1.10 0.00	35.97 1.29 0.00	30.96 1.26 0.00	35.04 1.04 0.00	30.84 0.59 0.00	32.92 0.71 0.00	26.86 0.62 0.00	24.92 0.59 0.00	24.29 0.69 0.00	22.54 0.83 0.00	27.96 1.21 0.00	52.27 2.29 0.00	33.44 1.51 0.00	33.78 1.59 0.00	27.62 1.20 0.00	32.10 1.15 0.00	30.53 0.92 0.00	26.84 0.78 0.00
DANC___LFGE 323619	22.53 -0.59 0.00	21.28 -0.60 0.00	22.85 -0.77 0.00	21.70 -0.78 0.00	23.10 -0.63 0.00	22.27 -0.43 0.00	30.10 -0.33 0.00	34.44 -0.23 0.00	29.56 -0.14 0.00	33.71 -0.29 0.00	29.78 -0.47 0.00	31.86 -0.35 0.00	25.86 -0.38 0.00	23.56 -0.76 0.00	22.68 -0.93 0.00	20.63 -1.09 0.00	25.33 -1.42 0.00	47.48 -2.51 0.00	30.51 -1.41 0.00	31.06 -1.14 0.00	25.58 -0.85 0.00	30.02 -0.93 0.00	28.50 -1.11 0.00	25.03 -1.04 0.00
DANSKAMMER___1 23586	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.24 1.53 0.00	35.55 1.54 0.00	31.67 1.42 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.82 1.11 0.00	28.18 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.44 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00
DANSKAMMER___2 23589	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.24 1.53 0.00	35.55 1.54 0.00	31.67 1.42 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.82 1.11 0.00	28.18 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.44 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00
DANSKAMMER___3 23590	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.24 1.53 0.00	35.55 1.54 0.00	31.67 1.42 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.82 1.11 0.00	28.18 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.44 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00

DANSKAMMER___4 23591	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.24 1.53 0.00	35.55 1.54 0.00	31.67 1.42 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.82 1.11 0.00	28.18 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.44 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00
DANSKAMMER___DIESEL 23592	23.90 0.78 0.00	22.54 0.66 0.00	24.27 0.65 0.00	23.14 0.66 0.00	24.42 0.69 0.00	23.52 0.82 0.00	32.05 1.62 0.00	36.59 1.91 0.00	31.23 1.53 0.00	35.55 1.55 0.00	31.67 1.42 0.00	33.62 1.41 0.00	27.38 1.14 0.00	25.38 1.06 0.00	24.72 1.12 0.00	22.83 1.11 0.00	28.17 1.43 0.00	52.69 2.70 0.00	33.88 1.95 0.00	34.45 2.25 0.00	28.22 1.79 0.00	32.64 1.70 0.00	31.04 1.43 0.00	27.14 1.08 0.00
DARBY___SOLAR 323810	23.68 0.56 0.00	22.45 0.58 0.00	24.17 0.55 0.00	23.03 0.55 0.00	24.33 0.60 0.00	23.34 0.64 0.00	31.51 1.08 0.00	35.94 1.26 0.00	30.90 1.20 0.00	34.98 0.98 0.00	30.81 0.56 0.00	32.91 0.70 0.00	26.86 0.62 0.00	24.88 0.55 0.00	24.27 0.67 0.00	22.53 0.81 0.00	27.92 1.17 0.00	52.17 2.19 0.00	33.38 1.46 0.00	33.73 1.53 0.00	27.58 1.16 0.00	32.07 1.12 0.00	30.51 0.90 0.00	26.83 0.77 0.00
DASHVILLE___HYD 23610	23.63 0.51 0.00	22.30 0.42 0.00	24.00 0.38 0.00	22.90 0.42 0.00	24.14 0.41 0.00	23.26 0.56 0.00	31.70 1.27 0.00	36.18 1.51 0.00	30.89 1.19 0.00	35.15 1.15 0.00	31.37 1.12 0.00	33.27 1.06 0.00	27.07 0.83 0.00	25.10 0.78 0.00	24.48 0.87 0.00	22.57 0.85 0.00	27.87 1.13 0.00	52.06 2.07 0.00	33.51 1.59 0.00	34.09 1.90 0.00	27.92 1.50 0.00	32.29 1.35 0.00	30.72 1.11 0.00	26.84 0.78 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	24.20 1.02 -0.06	22.93 1.06 0.00	24.68 1.06 0.00	23.59 1.11 0.00	24.88 1.15 0.00	24.03 1.32 0.00	32.72 2.30 0.00	35.01 2.26 1.92	30.67 1.62 0.65	35.49 1.49 0.00	31.56 1.27 -0.04	34.23 1.83 -0.20	28.22 1.50 -0.49	26.23 1.36 -0.55	36.89 1.65 -11.63	23.35 1.53 -0.11	29.37 1.84 -0.78	54.39 3.81 -0.60	34.26 2.34 0.00	35.58 3.38 0.00	29.43 2.43 -0.57	33.33 2.38 -0.01	32.41 2.44 -0.36	28.66 2.01 -0.59
DELAWARE___LFGE 323621	23.53 0.42 0.00	22.22 0.35 0.00	24.01 0.39 0.00	22.86 0.38 0.00	24.16 0.43 0.00	23.20 0.50 0.00	31.38 0.95 0.00	35.73 1.06 0.00	30.56 0.86 0.00	34.87 0.87 0.00	31.04 0.79 0.00	33.02 0.81 0.00	26.77 0.53 0.00	24.84 0.52 0.00	24.08 0.48 0.00	22.16 0.44 0.00	27.31 0.56 0.00	51.07 1.09 0.00	32.69 0.77 0.00	33.13 0.93 0.00	27.19 0.77 0.00	31.63 0.68 0.00	30.25 0.64 0.00	26.56 0.50 0.00
DERFIELD_115KV_TB7 355931	23.13 0.01 0.00	21.88 0.00 0.00	23.61 -0.01 0.00	22.48 0.00 0.00	23.74 0.01 0.00	22.75 0.05 0.00	30.61 0.18 0.00	34.90 0.22 0.00	29.90 0.20 0.00	34.13 0.12 0.00	30.32 0.07 0.00	32.30 0.09 0.00	26.32 0.08 0.00	24.39 0.07 0.00	23.68 0.08 0.00	21.81 0.09 0.00	26.88 0.13 0.00	50.18 0.19 0.00	32.11 0.19 0.00	32.44 0.25 0.00	26.61 0.18 0.00	31.07 0.12 0.00	29.68 0.07 0.00	26.10 0.04 0.00
DOGLEVILLE___HYD 23807	22.78 -0.33 0.00	21.55 -0.32 0.00	23.22 -0.40 0.00	22.16 -0.32 0.00	23.41 -0.32 0.00	22.54 -0.17 0.00	30.77 0.34 0.00	35.14 0.46 0.00	30.15 0.45 0.00	34.07 0.07 0.00	29.98 -0.27 0.00	32.05 -0.16 0.00	26.05 -0.19 0.00	24.26 -0.06 0.00	23.69 0.08 0.00	21.83 0.11 0.00	27.01 0.26 0.00	50.44 0.45 0.00	32.25 0.33 0.00	32.76 0.57 0.00	26.81 0.39 0.00	31.04 0.09 0.00	29.47 -0.14 0.00	25.78 -0.28 0.00
DUNKIRK___115KV_TB_200 55889	22.31 -0.81 0.00	21.10 -0.78 0.00	23.21 -0.42 0.00	22.17 -0.31 0.00	23.50 -0.23 0.00	22.39 -0.31 0.00	29.73 -0.70 0.00	33.94 -0.74 0.00	29.53 -0.17 0.00	33.58 -0.42 0.00	29.85 -0.40 0.00	31.61 -0.60 0.00	24.95 -1.29 0.00	22.98 -1.34 0.00	21.92 -1.68 0.00	19.95 -1.77 0.00	24.37 -2.39 0.00	45.18 -4.81 0.00	28.78 -3.15 0.00	29.20 -3.00 0.00	24.31 -2.12 0.00	28.38 -2.57 0.00	27.76 -1.85 0.00	25.03 -1.04 0.00
DUNKIRK___1 23563	22.31 -0.81 0.00	21.10 -0.78 0.00	23.21 -0.42 0.00	22.17 -0.31 0.00	23.50 -0.23 0.00	22.39 -0.31 0.00	29.73 -0.70 0.00	33.94 -0.74 0.00	29.53 -0.17 0.00	33.58 -0.42 0.00	29.85 -0.40 0.00	31.61 -0.60 0.00	24.95 -1.29 0.00	22.98 -1.34 0.00	21.92 -1.68 0.00	19.95 -1.77 0.00	24.37 -2.39 0.00	45.18 -4.81 0.00	28.78 -3.15 0.00	29.20 -3.00 0.00	24.31 -2.12 0.00	28.38 -2.57 0.00	27.76 -1.85 0.00	25.03 -1.04 0.00
DUNKIRK___2 23564	22.31 -0.81 0.00	21.10 -0.78 0.00	23.21 -0.42 0.00	22.17 -0.31 0.00	23.50 -0.23 0.00	22.39 -0.31 0.00	29.73 -0.70 0.00	33.94 -0.74 0.00	29.53 -0.17 0.00	33.58 -0.42 0.00	29.85 -0.40 0.00	31.61 -0.60 0.00	24.95 -1.29 0.00	22.98 -1.34 0.00	21.92 -1.68 0.00	19.95 -1.77 0.00	24.37 -2.39 0.00	45.18 -4.81 0.00	28.78 -3.15 0.00	29.20 -3.00 0.00	24.31 -2.12 0.00	28.38 -2.57 0.00	27.76 -1.85 0.00	25.03 -1.04 0.00
DUNKIRK___3 23565	22.27 -0.84 0.00	21.07 -0.81 0.00	23.16 -0.46 0.00	22.11 -0.37 0.00	23.44 -0.29 0.00	22.32 -0.38 0.00	29.65 -0.78 0.00	33.89 -0.79 0.00	29.45 -0.25 0.00	33.49 -0.51 0.00	29.79 -0.46 0.00	31.56 -0.65 0.00	24.93 -1.31 0.00	22.97 -1.35 0.00	21.93 -1.67 0.00	19.97 -1.74 0.00	24.41 -2.34 0.00	45.25 -4.73 0.00	28.82 -3.11 0.00	29.24 -2.96 0.00	24.33 -2.10 0.00	28.40 -2.55 0.00	27.78 -1.83 0.00	25.01 -1.05 0.00
DUNKIRK___4 23566	22.27 -0.84 0.00	21.07 -0.81 0.00	23.16 -0.46 0.00	22.11 -0.37 0.00	23.44 -0.29 0.00	22.32 -0.38 0.00	29.65 -0.78 0.00	33.89 -0.79 0.00	29.45 -0.25 0.00	33.49 -0.51 0.00	29.79 -0.46 0.00	31.56 -0.65 0.00	24.93 -1.31 0.00	22.97 -1.35 0.00	21.93 -1.67 0.00	19.97 -1.74 0.00	24.41 -2.34 0.00	45.25 -4.73 0.00	28.82 -3.11 0.00	29.24 -2.96 0.00	24.33 -2.10 0.00	28.40 -2.55 0.00	27.78 -1.83 0.00	25.01 -1.05 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	23.98 0.86 0.00	22.56 0.69 0.00	24.28 0.66 0.00	23.15 0.67 0.00	24.43 0.70 0.00	23.56 0.86 0.00	32.18 1.75 0.00	36.74 2.06 0.00	31.35 1.65 0.00	35.68 1.68 0.00	31.88 1.63 0.00	33.89 1.68 0.00	27.58 1.31 -0.03	25.51 1.18 0.00	35.82 1.23 -10.99	22.93 1.21 0.00	28.30 1.55 0.00	52.66 2.67 0.00	33.90 1.97 0.00	34.55 2.36 0.00	28.31 1.88 0.00	32.71 1.77 0.00	31.15 1.54 0.00	27.17 1.11 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	23.77 0.66 0.00	22.40 0.53 0.00	24.13 0.51 0.00	23.01 0.53 0.00	24.28 0.55 0.00	23.39 0.69 0.00	31.88 1.45 0.00	36.36 1.68 0.00	31.02 1.32 0.00	35.33 1.33 0.00	31.50 1.26 0.00	33.43 1.22 0.00	27.19 0.96 0.01	25.21 0.89 0.00	21.44 0.93 3.10	22.66 0.95 0.00	27.97 1.22 0.00	52.25 2.27 0.00	33.62 1.70 0.00	34.21 2.01 0.00	28.03 1.60 0.00	32.43 1.49 0.00	30.87 1.26 0.00	26.98 0.92 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	24.01 0.90 0.00	22.62 0.75 0.00	24.34 0.72 0.00	23.21 0.73 0.00	24.50 0.77 0.00	23.67 0.97 0.00	32.29 1.86 0.00	86.11 2.22 -49.21	48.01 1.77 -16.54	35.71 1.71 0.00	31.98 1.69 -0.04	33.93 1.72 -0.01	27.72 1.37 -0.11	25.52 1.20 0.00	35.78 1.25 -10.93	22.96 1.24 0.00	28.33 1.59 0.00	52.64 2.66 0.00	33.95 2.02 0.00	34.58 2.39 0.00	28.38 1.95 0.00	32.77 1.83 0.00	31.20 1.59 0.00	27.19 1.13 0.00
E179THST_13_KV_LOAD 356214	24.11 0.99 0.00	22.71 0.83 0.00	24.43 0.80 0.00	23.29 0.81 0.00	24.58 0.85 0.00	23.76 1.06 0.00	32.43 2.00 0.00	86.27 2.38 -49.21	48.15 1.91 -16.54	35.87 1.87 0.00	32.13 1.84 -0.04	34.09 1.88 -0.01	27.85 1.49 -0.11	25.64 1.31 0.00	35.89 1.36 -10.93	23.06 1.34 0.00	28.46 1.71 0.00	52.88 2.90 0.00	34.10 2.18 0.00	34.74 2.55 0.00	28.51 2.09 0.00	32.92 1.97 0.00	31.34 1.73 0.00	27.31 1.25 0.00
EAST HAMPTON___GT 23717	24.43 1.25 -0.06	23.15 1.27 0.00	24.92 1.30 0.00	23.82 1.34 0.00	25.12 1.39 0.00	24.27 1.57 0.00	33.08 2.65 0.00	35.42 2.67 1.92	31.01 1.96 0.65	35.82 1.82 0.00	31.83 1.55 -0.04	34.53 2.11 -0.20	28.44 1.71 -0.49	26.43 1.55 -0.55	37.10 1.86 -11.63	23.55 1.73 -0.11	29.65 2.12 -0.78	54.89 4.31 -0.60	34.61 2.68 0.00	35.96 3.77 0.00	29.73 2.73 -0.57	33.68 2.72 -0.01	32.74 2.77 -0.36	28.93 2.28 -0.59
EAST RIVER___6 23660	24.04 0.92 0.00	22.61 0.73 0.00	24.35 0.72 0.00	23.21 0.73 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.37 1.94 0.00	87.15 2.28 -50.19	48.38 1.82 -16.86	35.86 1.86 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.47 -0.11	25.64 1.31 0.00	35.90 1.36 -10.94	23.07 1.35 -0.01	28.45 1.70 0.00	52.91 2.93 0.00	34.07 2.15 0.00	34.71 2.52 0.00	28.47 2.04 0.00	32.85 1.91 0.00	31.28 1.67 0.00	27.26 1.20 0.00
EAST RIVER___7 23524	24.04 0.92 0.00	22.61 0.73 0.00	24.35 0.72 0.00	23.21 0.73 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.37 1.94 0.00	87.15 2.28 -50.19	48.38 1.82 -16.86	35.86 1.86 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.47 -0.11	25.64 1.31 0.00	35.90 1.36 -10.94	23.07 1.35 -0.01	28.45 1.70 0.00	52.91 2.93 0.00	34.07 2.15 0.00	34.71 2.52 0.00	28.47 2.04 0.00	32.85 1.91 0.00	31.28 1.67 0.00	27.26 1.20 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	23.91 0.80 0.00	22.52 0.64 0.00	24.24 0.62 0.00	23.11 0.63 0.00	24.39 0.66 0.00	23.52 0.81 0.00	32.11 1.68 0.00	34.93 1.97 1.72	30.69 1.57 0.58	35.57 1.57 0.00	31.76 1.52 0.00	33.78 1.56 0.00	27.48 1.22 -0.03	25.42 1.10 0.00	36.15 1.14 -11.41	22.85 1.13 0.00	28.20 1.45 0.00	52.55 2.57 0.00	33.83 1.91 0.00	34.46 2.27 0.00	28.24 1.82 0.00	32.64 1.70 0.00	31.08 1.47 0.00	27.13 1.06 0.00
EAST_HAMPTON___DIESEL 23722	24.43 1.25 -0.06	23.15 1.28 0.00	24.92 1.30 0.00	23.82 1.34 0.00	25.12 1.39 0.00	24.27 1.57 0.00	33.08 2.65 0.00	35.43 2.67 1.92	31.01 1.96 0.65	35.83 1.83 0.00	31.83 1.55 -0.04	34.53 2.11 -0.20	28.44 1.71 -0.49	26.43 1.55 -0.55	37.10 1.87 -11.63	23.55 1.73 -0.11	29.65 2.12 -0.78	54.89 4.31 -0.60	34.61 2.69 0.00	35.96 3.77 0.00	29.74 2.74 -0.57	33.68 2.73 -0.01	32.74 2.77 -0.36	28.93 2.28 -0.59
EAST_PULASKI___ESR 323781	22.69 -0.43 0.00	21.46 -0.41 0.00	23.16 -0.46 0.00	22.02 -0.46 0.00	23.34 -0.39 0.00	22.41 -0.29 0.00	30.15 -0.28 0.00	34.39 -0.28 0.00	29.50 -0.20 0.00	33.68 -0.32 0.00	29.89 -0.36 0.00	31.87 -0.35 0.00	25.82 -0.42 0.00	23.78 -0.54 0.00	22.98 -0.63 0.00	21.05 -0.67 0.00	25.84 -0.91 0.00	48.34 -1.65 0.00	30.99 -0.94 0.00	31.48 -0.71 0.00	25.91 -0.51 0.00	30.28 -0.67 0.00	28.90 -0.71 0.00	25.41 -0.66 0.00
EAST_RIVER___1 323558	24.05 0.93 0.00	22.62 0.75 0.00	24.36 0.73 0.00	23.22 0.74 0.00	24.50 0.78 0.00	23.65 0.95 0.00	32.36 1.93 0.00	87.14 2.28 -50.19	48.36 1.79 -16.86	35.83 1.83 0.00	32.10 1.80 -0.05	34.07 1.85 -0.01	27.80 1.44 -0.11	25.61 1.29 0.00	35.88 1.33 -10.94	23.04 1.33 -0.01	28.43 1.68 0.00	52.87 2.88 0.00	34.05 2.12 0.00	34.70 2.51 0.00	28.45 2.03 0.00	32.85 1.91 0.00	31.28 1.67 0.00	27.26 1.20 0.00
EAST_RIVER___2 323559	24.04 0.92 0.00	22.61 0.73 0.00	24.35 0.72 0.00	23.21 0.73 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.37 1.94 0.00	87.15 2.28 -50.19	48.38 1.82 -16.86	35.86 1.86 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.47 -0.11	25.64 1.31 0.00	35.90 1.36 -10.94	23.07 1.35 -0.01	28.45 1.70 0.00	52.91 2.93 0.00	34.07 2.15 0.00	34.71 2.52 0.00	28.47 2.04 0.00	32.85 1.91 0.00	31.28 1.67 0.00	27.26 1.20 0.00
EAST___DELAWARE_HYD 23607	23.72 0.60 0.00	22.57 0.70 0.00	24.40 0.78 0.00	23.28 0.80 0.00	24.57 0.85 0.00	23.70 0.99 0.00	32.31 1.88 0.00	36.85 2.17 0.00	31.37 1.67 0.00	35.82 1.82 0.00	31.95 1.70 0.00	33.39 1.18 0.00	26.49 0.25 0.00	24.60 0.27 0.00	24.00 0.40 0.00	22.05 0.33 0.00	27.17 0.42 0.00	51.01 1.02 0.00	32.82 0.90 0.00	33.50 1.31 0.00	28.07 1.65 0.00	32.45 1.50 0.00	30.87 1.26 0.00	26.99 0.93 0.00
EIGHT_POINT___WT_PWR 323820	22.06 -1.10 -0.04	21.19 -0.69 0.00	23.01 -0.61 0.00	21.89 -0.59 0.00	23.36 -0.37 0.00	22.23 -0.54 -0.06	30.52 0.07 -0.02	35.50 0.34 -0.48	33.79 0.33 -3.76	35.02 0.25 -0.76	31.00 0.44 -0.30	32.50 -0.03 -0.32	25.18 -1.06 0.00	22.82 -1.51 0.00	21.81 -1.80 0.00	19.69 -2.03 0.00	24.40 -2.35 0.00	45.61 -4.37 0.00	29.58 -2.34 0.00	30.21 -1.99 0.00	25.02 -1.40 0.00	28.97 -2.05 -0.07	28.46 -1.28 -0.13	25.11 -0.95 0.00
ELBRIDGE_115KV_TB2 80188	22.89 -0.23 0.00	21.67 -0.20 0.00	23.43 -0.19 0.00	22.32 -0.16 0.00	23.62 -0.11 0.00	22.60 -0.10 0.00	30.35 -0.08 0.00	34.61 -0.07 0.00	29.63 -0.07 0.00	33.82 -0.18 0.00	30.10 -0.15 0.00	32.05 -0.16 0.00	25.93 -0.31 0.00	24.03 -0.30 0.00	23.28 -0.32 0.00	21.37 -0.34 0.00	26.28 -0.47 0.00	49.15 -0.84 0.00	31.44 -0.48 0.00	31.88 -0.32 0.00	26.17 -0.25 0.00	30.53 -0.42 0.00	29.28 -0.33 0.00	25.73 -0.33 0.00
ELEC_TRO_TEK 24086	24.55 1.00 -0.43	22.72 0.85 0.00	24.44 0.82 0.00	23.30 0.82 0.00	24.57 0.85 0.00	23.72 1.02 0.00	32.40 1.97 0.00	34.98 2.23 1.92	30.74 1.68 0.65	35.63 1.63 0.00	32.19 1.66 -0.28	35.56 1.92 -1.42	31.11 1.53 -3.34	29.64 1.37 -3.94	40.57 1.46 -15.50	23.89 1.38 -0.80	34.11 1.77 -5.59	57.54 3.25 -4.30	34.15 2.23 0.00	34.89 2.70 0.00	32.78 2.17 -4.19	33.11 2.09 -0.08	34.10 1.90 -2.59	31.74 1.47 -4.21
ELLENBURG_WT_PWR 323604	23.41 0.29 0.00	22.16 0.28 0.00	24.11 0.49 0.00	22.94 0.47 0.00	24.10 0.37 0.00	22.79 0.09 0.00	30.30 -0.13 0.00	34.19 -0.48 0.00	28.70 -1.00 0.00	32.93 -1.08 0.00	29.28 -0.97 0.00	31.53 -0.67 0.00	25.94 -0.30 0.00	24.18 -0.15 0.00	23.44 -0.17 0.00	21.12 -0.59 0.00	26.03 -0.72 0.00	49.51 -0.47 0.00	30.93 -1.00 0.00	31.29 -0.90 0.00	25.88 -0.55 0.00	30.65 -0.29 0.00	29.01 -0.60 0.00	25.59 -0.47 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	22.01 -1.10 0.00	20.87 -1.00 0.00	22.93 -0.70 0.00	21.84 -0.64 0.00	23.16 -0.57 0.00	22.03 -0.67 0.00	29.22 -1.21 0.00	33.48 -1.20 0.00	29.02 -0.68 0.00	33.01 -1.00 0.00	29.36 -0.88 0.00	31.16 -1.04 0.00	24.69 -1.55 0.00	22.82 -1.50 0.00	21.84 -1.76 0.00	19.92 -1.79 0.00	24.36 -2.39 0.00	45.11 -4.87 0.00	28.69 -3.23 0.00	29.06 -3.13 0.00	24.15 -2.28 0.00	28.21 -2.74 0.00	27.64 -1.97 0.00	24.84 -1.23 0.00
EMPIRE_CC_1 323656	23.27 0.15 0.00	22.05 0.18 0.00	23.77 0.15 0.00	22.66 0.18 0.00	23.90 0.17 0.00	22.93 0.23 0.00	30.90 0.47 0.00	35.18 0.50 0.00	30.17 0.46 0.00	34.26 0.26 0.00	30.40 0.15 0.00	32.43 0.22 0.00	26.58 0.33 0.00	24.63 0.31 0.00	25.35 0.42 -1.33	22.26 0.55 0.00	27.41 0.66 0.00	50.94 0.96 0.00	32.70 0.78 0.00	32.98 0.78 0.00	26.98 0.55 0.00	31.40 0.46 0.00	29.91 0.30 0.00	26.37 0.31 0.00
EMPIRE_CC_2 323658	23.27 0.15 0.00	22.05 0.18 0.00	23.77 0.15 0.00	22.66 0.18 0.00	23.90 0.17 0.00	22.93 0.23 0.00	30.90 0.47 0.00	35.18 0.50 0.00	30.17 0.46 0.00	34.26 0.26 0.00	30.40 0.15 0.00	32.43 0.22 0.00	26.58 0.33 0.00	24.63 0.31 0.00	25.35 0.42 -1.33	22.26 0.55 0.00	27.41 0.66 0.00	50.94 0.96 0.00	32.70 0.78 0.00	32.98 0.78 0.00	26.98 0.55 0.00	31.40 0.46 0.00	29.91 0.30 0.00	26.37 0.31 0.00
ENORWICH_115KV_TB1 80156	24.53 1.42 0.00	23.04 1.17 0.00	25.10 1.48 0.00	23.79 1.31 0.00	25.28 1.55 0.00	24.39 1.69 0.00	33.22 2.80 0.00	37.93 3.25 0.00	32.29 2.59 0.00	36.69 2.69 0.00	32.36 2.11 0.00	34.29 2.08 0.00	27.62 1.38 0.00	25.76 1.43 0.00	24.82 1.22 0.00	22.83 1.12 0.00	28.09 1.34 0.00	52.94 2.96 0.00	33.64 1.71 0.00	34.23 2.03 0.00	28.05 1.63 0.00	32.45 1.51 0.00	31.00 1.39 0.00	27.27 1.20 0.00
ERIE_ST__34_KV_TB1-2 80199	22.55 -0.57 0.00	21.37 -0.50 0.00	23.46 -0.16 0.00	22.34 -0.14 0.00	23.67 -0.06 0.00	22.53 -0.18 0.00	29.97 -0.46 0.00	34.36 -0.31 0.00	29.79 0.09 0.00	33.94 -0.06 0.00	30.26 0.02 0.00	32.15 -0.06 0.00	25.44 -0.80 0.00	23.51 -0.81 0.00	22.52 -1.09 0.00	20.56 -1.16 0.00	25.14 -1.61 0.00	46.68 -3.31 0.00	29.69 -2.23 0.00	30.09 -2.11 0.00	24.97 -1.45 0.00	29.14 -1.80 0.00	28.51 -1.10 0.00	25.54 -0.52 0.00
ERIE_WT_PWR 323693	22.08 -0.96 0.08	21.00 -0.87 0.00	23.07 -0.55 0.00	21.97 -0.50 0.00	23.30 -0.42 0.00	22.06 -0.53 0.11	29.43 -0.97 0.04	32.87 -0.93 0.87	22.42 -0.43 6.85	31.90 -0.71 1.39	29.08 -0.62 0.55	30.87 -0.76 0.59	24.89 -1.36 0.00	22.96 -1.36 0.00	21.98 -1.63 0.00	20.03 -1.68 0.00	24.49 -2.26 0.00	45.43 -4.55 0.00	28.89 -3.04 0.00	29.28 -2.92 0.00	24.31 -2.11 0.00	28.27 -2.54 0.14	27.57 -1.81 0.23	24.98 -1.08 0.00
ESPRGFLD_115KV_TB1 80157	24.22 1.10 0.00	22.86 0.99 0.00	24.71 1.09 0.00	23.52 1.04 0.00	24.85 1.12 0.00	23.85 1.15 0.00	32.13 1.70 0.00	36.70 2.03 0.00	31.34 1.64 0.00	35.91 1.91 0.00	31.87 1.62 0.00	33.83 1.62 0.00	27.42 1.18 0.00	25.39 1.07 0.00	24.51 0.91 0.00	22.42 0.70 0.00	27.61 0.86 0.00	51.83 1.84 0.00	33.13 1.20 0.00	33.51 1.32 0.00	27.60 1.18 0.00	32.21 1.27 0.00	30.91 1.29 0.00	27.12 1.06 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	23.31 0.20 0.00	22.04 0.16 0.00	23.87 0.25 0.00	22.72 0.24 0.00	24.05 0.32 0.00	23.07 0.37 0.00	31.17 0.74 0.00	35.51 0.84 0.00	30.36 0.66 0.00	34.65 0.65 0.00	30.83 0.58 0.00	32.72 0.51 0.00	26.43 0.18 0.00	24.52 0.19 0.00	23.79 0.19 0.00	21.86 0.15 0.00	26.89 0.14 0.00	50.34 0.35 0.00	32.21 0.29 0.00	32.72 0.53 0.00	26.88 0.45 0.00	31.28 0.33 0.00	29.98 0.37 0.00	26.31 0.25 0.00
ETNA____115KV_TB2 80207	23.31 0.20 0.00	22.04 0.16 0.00	23.87 0.25 0.00	22.72 0.24 0.00	24.05 0.32 0.00	23.07 0.37 0.00	31.17 0.74 0.00	35.51 0.84 0.00	30.36 0.66 0.00	34.65 0.65 0.00	30.83 0.58 0.00	32.72 0.51 0.00	26.43 0.18 0.00	24.52 0.19 0.00	23.79 0.19 0.00	21.86 0.15 0.00	26.89 0.14 0.00	50.34 0.35 0.00	32.21 0.29 0.00	32.72 0.53 0.00	26.88 0.45 0.00	31.28 0.33 0.00	29.98 0.37 0.00	26.31 0.25 0.00
EUCLID__115KV_TB2 356179	22.75 -0.37 0.00	21.52 -0.35 0.00	23.30 -0.32 0.00	22.17 -0.30 0.00	23.45 -0.28 0.00	22.44 -0.26 0.00	30.09 -0.34 0.00	34.32 -0.36 0.00	29.42 -0.28 0.00	33.58 -0.43 0.00	29.88 -0.37 0.00	31.82 -0.39 0.00	25.75 -0.50 0.00	23.88 -0.45 0.00	23.12 -0.48 0.00	21.27 -0.45 0.00	26.13 -0.62 0.00	48.79 -1.19 0.00	31.23 -0.70 0.00	31.62 -0.58 0.00	25.98 -0.44 0.00	30.30 -0.64 0.00	29.04 -0.57 0.00	25.56 -0.50 0.00
E_CANADA_CAP_HY 24051	24.42 1.30 0.00	23.08 1.21 0.00	24.93 1.31 0.00	23.72 1.24 0.00	25.05 1.32 0.00	24.00 1.30 0.00	32.24 1.81 0.00	36.85 2.17 0.00	31.49 1.79 0.00	36.12 2.12 0.00	31.90 1.65 0.00	33.90 1.69 0.00	27.62 1.37 0.00	25.54 1.21 0.00	24.68 1.08 0.00	22.55 0.84 0.00	27.84 1.09 0.00	52.30 2.31 0.00	33.40 1.47 0.00	33.71 1.52 0.00	27.76 1.33 0.00	32.48 1.54 0.00	31.15 1.54 0.00	27.34 1.27 0.00
E_CANADA_MHWK_HY 24050	22.78 -0.33 0.00	21.55 -0.32 0.00	23.22 -0.40 0.00	22.16 -0.32 0.00	23.41 -0.32 0.00	22.54 -0.17 0.00	30.77 0.34 0.00	35.14 0.46 0.00	30.15 0.45 0.00	34.07 0.07 0.00	29.98 -0.27 0.00	32.05 -0.16 0.00	26.05 -0.19 0.00	24.26 -0.06 0.00	23.69 0.08 0.00	21.83 0.11 0.00	27.01 0.26 0.00	50.44 0.45 0.00	32.25 0.33 0.00	32.76 0.57 0.00	26.81 0.39 0.00	31.04 0.09 0.00	29.47 -0.14 0.00	25.78 -0.28 0.00
E_FISHKILL__LBMP 23776	23.63 0.51 0.00	22.30 0.43 0.00	24.01 0.39 0.00	22.90 0.42 0.00	24.15 0.42 0.00	23.25 0.55 0.00	31.66 1.22 0.00	36.11 1.43 0.00	30.86 1.16 0.00	35.11 1.11 0.00	31.27 1.02 0.00	33.25 1.04 0.00	27.08 0.83 0.00	25.09 0.77 0.00	26.52 0.83 -2.09	22.57 0.85 0.00	27.87 1.11 0.00	52.10 2.12 0.00	33.47 1.54 0.00	33.99 1.80 0.00	27.84 1.41 0.00	32.21 1.27 0.00	30.65 1.04 0.00	26.83 0.76 0.00
FALCON__SEABRD_CC1 323796	23.66 0.54 0.00	22.42 0.55 0.00	24.39 0.77 0.00	23.20 0.72 0.00	24.35 0.62 0.00	23.01 0.31 0.00	30.60 0.17 0.00	34.52 -0.16 0.00	28.98 -0.72 0.00	33.15 -0.85 0.00	29.53 -0.72 0.00	31.89 -0.32 0.00	26.28 0.04 0.00	24.49 0.17 0.00	23.73 0.12 0.00	21.40 -0.31 0.00	26.34 -0.41 0.00	50.06 0.08 0.00	31.35 -0.57 0.00	31.77 -0.42 0.00	26.22 -0.21 0.00	31.03 0.08 0.00	29.34 -0.27 0.00	25.94 -0.13 0.00
FALCON__SEABRD_CC2 323797	23.66 0.54 0.00	22.42 0.55 0.00	24.39 0.77 0.00	23.20 0.72 0.00	24.35 0.62 0.00	23.01 0.31 0.00	30.60 0.17 0.00	34.52 -0.16 0.00	28.98 -0.72 0.00	33.15 -0.85 0.00	29.53 -0.72 0.00	31.89 -0.32 0.00	26.28 0.04 0.00	24.49 0.17 0.00	23.73 0.12 0.00	21.40 -0.31 0.00	26.34 -0.41 0.00	50.06 0.08 0.00	31.35 -0.57 0.00	31.77 -0.42 0.00	26.22 -0.21 0.00	31.03 0.08 0.00	29.34 -0.27 0.00	25.94 -0.13 0.00

FAR ROCKAWAY___4 23548	25.46 1.38 -0.97	23.05 1.18 0.00	24.80 1.18 0.00	23.64 1.16 0.00	24.93 1.20 0.00	24.08 1.38 0.00	32.95 2.52 0.00	35.60 2.85 1.92	31.23 2.18 0.65	36.19 2.19 0.00	33.10 2.22 -0.63	37.90 2.50 -3.18	35.64 1.95 -7.45	34.91 1.76 -8.82	46.76 1.84 -21.32	25.27 1.71 -1.85	41.47 2.21 -12.51	63.73 4.13 -9.61	34.71 2.78 0.00	35.51 3.31 0.00	38.80 2.68 -9.69	33.81 2.68 -0.19	37.84 2.43 -5.80	37.38 1.91 -9.42
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	24.07 0.95 0.00	22.64 0.77 0.00	24.37 0.75 0.00	23.24 0.76 0.00	24.53 0.80 0.00	23.67 0.97 0.00	32.37 1.94 0.00	87.00 2.30 -50.02	48.34 1.82 -16.82	35.85 1.85 0.00	32.11 1.82 -0.05	34.08 1.86 -0.01	27.81 1.46 -0.11	25.62 1.30 0.00	35.88 1.34 -10.94	23.05 1.33 0.00	28.43 1.69 0.00	52.88 2.89 0.00	34.06 2.14 0.00	34.72 2.53 0.00	28.47 2.05 0.00	32.88 1.93 0.00	31.30 1.69 0.00	27.28 1.21 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	24.08 0.97 0.00	22.65 0.77 0.00	24.40 0.77 0.00	23.25 0.78 0.00	24.54 0.81 0.00	23.69 0.99 0.00	32.40 1.97 0.00	87.02 2.32 -50.02	48.35 1.84 -16.81	35.87 1.87 0.00	32.13 1.84 -0.05	34.10 1.88 -0.01	27.82 1.47 -0.11	25.63 1.31 0.00	35.89 1.35 -10.94	23.06 1.34 0.00	28.45 1.70 0.00	52.92 2.94 0.00	34.09 2.16 0.00	34.75 2.56 0.00	28.49 2.07 0.00	32.91 1.96 0.00	31.32 1.71 0.00	27.30 1.23 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	24.06 0.94 0.00	22.63 0.75 0.00	24.37 0.75 0.00	23.23 0.75 0.00	24.52 0.79 0.00	23.67 0.97 0.00	32.37 1.94 0.00	86.98 2.28 -50.02	48.32 1.81 -16.81	35.84 1.83 0.00	32.10 1.81 -0.05	34.07 1.85 -0.01	27.80 1.45 -0.11	25.61 1.29 0.00	35.88 1.33 -10.94	23.04 1.32 0.00	28.42 1.68 0.00	52.87 2.88 0.00	34.05 2.13 0.00	34.71 2.52 0.00	28.46 2.04 0.00	32.87 1.92 0.00	31.29 1.68 0.00	27.27 1.20 0.00
FARRAGUT___LBMP 323566	24.04 0.93 0.00	22.62 0.75 0.00	24.35 0.73 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.34 1.92 0.00	86.95 2.25 -50.02	48.29 1.78 -16.81	35.81 1.80 0.00	32.07 1.78 -0.05	34.04 1.82 -0.01	27.77 1.42 -0.11	25.59 1.27 0.00	35.85 1.31 -10.94	23.02 1.30 0.00	28.40 1.66 0.00	52.83 2.84 0.00	34.03 2.10 0.00	34.69 2.49 0.00	28.44 2.01 0.00	32.84 1.90 0.00	31.27 1.66 0.00	27.25 1.19 0.00
FENNER___WINDPWR 24204	23.38 0.26 0.00	22.08 0.21 0.00	23.89 0.27 0.00	22.74 0.26 0.00	24.05 0.32 0.00	23.08 0.37 0.00	31.17 0.74 0.00	35.25 0.57 0.00	30.05 0.35 0.00	34.40 0.40 0.00	30.66 0.41 0.00	32.83 0.62 0.00	26.69 0.45 0.00	24.68 0.36 0.00	23.98 0.38 0.00	22.03 0.32 0.00	27.12 0.37 0.00	50.63 0.65 0.00	32.48 0.55 0.00	32.90 0.70 0.00	27.01 0.59 0.00	31.49 0.54 0.00	30.02 0.42 0.00	26.28 0.21 0.00
FIBERTEK___ENERGY 23856	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
FITZPATRICK___ 23598	22.56 -0.56 0.00	21.35 -0.52 0.00	23.09 -0.53 0.00	21.98 -0.50 0.00	23.24 -0.49 0.00	22.22 -0.49 0.00	29.73 -0.69 0.00	33.90 -0.77 0.00	29.05 -0.65 0.00	33.19 -0.81 0.00	29.53 -0.72 0.00	31.43 -0.77 0.00	25.49 -0.75 0.00	23.62 -0.70 0.00	22.89 -0.72 0.00	21.06 -0.66 0.00	25.88 -0.87 0.00	48.33 -1.66 0.00	30.92 -1.01 0.00	31.28 -0.92 0.00	25.70 -0.73 0.00	30.00 -0.95 0.00	28.74 -0.87 0.00	25.31 -0.75 0.00
FLOWRFLD_69_KV_BK1 356044	24.19 1.01 -0.06	22.78 0.91 0.00	24.51 0.89 0.00	23.40 0.92 0.00	24.66 0.92 0.00	23.79 1.08 0.00	32.43 2.00 0.00	34.89 2.14 1.92	30.63 1.58 0.65	35.43 1.43 0.00	31.70 1.41 -0.04	34.31 1.89 -0.21	28.24 1.49 -0.51	26.26 1.36 -0.58	36.82 1.55 -11.66	23.23 1.41 -0.11	29.27 1.71 -0.82	54.17 3.56 -0.63	34.22 2.29 0.00	35.18 2.99 0.00	29.29 2.26 -0.60	33.14 2.18 -0.01	32.09 2.10 -0.38	28.37 1.69 -0.61
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	23.93 0.81 0.00	22.57 0.70 0.00	24.31 0.69 0.00	23.17 0.69 0.00	24.44 0.71 0.00	23.56 0.85 0.00	32.10 1.67 0.00	36.63 1.96 0.00	31.29 1.59 0.00	35.61 1.61 0.00	31.72 1.48 0.00	33.68 1.47 0.00	27.43 1.19 0.00	25.43 1.10 0.00	24.77 1.17 0.00	22.87 1.15 0.00	28.23 1.48 0.00	52.79 2.80 0.00	33.94 2.02 0.00	34.51 2.31 0.00	28.27 1.84 0.00	32.70 1.75 0.00	31.10 1.49 0.00	27.18 1.12 0.00
FORT ORANGE___ 23900	23.67 0.55 0.00	22.41 0.53 0.00	24.16 0.54 0.00	23.03 0.56 0.00	24.30 0.57 0.00	23.33 0.63 0.00	31.55 1.12 0.00	35.98 1.30 0.00	30.85 1.15 0.00	35.00 0.99 0.00	31.03 0.78 0.00	33.06 0.85 0.00	26.99 0.74 0.00	25.03 0.71 0.00	24.42 0.81 0.00	22.56 0.85 0.00	27.84 1.09 0.00	51.96 1.98 0.00	33.37 1.44 0.00	33.71 1.52 0.00	27.59 1.16 0.00	32.09 1.14 0.00	30.55 0.94 0.00	26.86 0.80 0.00
FORT_DRUM_COGEN 23780	22.58 -0.54 0.00	21.30 -0.58 0.00	22.82 -0.80 0.00	21.64 -0.84 0.00	23.09 -0.64 0.00	22.34 -0.36 0.00	30.32 -0.11 0.00	34.78 0.09 0.00	29.82 0.12 0.00	33.94 -0.06 0.00	29.87 -0.38 0.00	32.03 -0.18 0.00	26.08 -0.16 0.00	23.59 -0.73 0.00	22.63 -0.97 0.00	20.46 -1.25 0.00	25.16 -1.59 0.00	47.27 -2.72 0.00	30.46 -1.47 0.00	31.07 -1.12 0.00	25.59 -0.84 0.00	30.14 -0.81 0.00	28.47 -1.14 0.00	24.97 -1.09 0.00
FOX_HILLS___ESR 323835	24.11 0.99 0.00	22.66 0.79 0.00	24.40 0.78 0.00	23.26 0.78 0.00	24.56 0.83 0.00	23.71 1.01 0.00	32.36 1.93 0.00	86.12 2.23 -49.21	48.08 1.84 -16.54	35.83 1.82 0.00	32.12 1.83 -0.04	34.04 1.82 -0.01	27.80 1.44 -0.11	25.57 1.25 0.00	29.02 1.32 -4.09	23.01 1.30 0.00	28.44 1.70 0.00	52.78 2.79 0.00	34.08 2.15 0.00	34.73 2.54 0.00	28.51 2.09 0.00	32.88 1.93 0.00	31.32 1.71 0.00	27.32 1.25 0.00
FPL_FAR_ROCK_GT1 24212	25.46 1.37 -0.97	23.05 1.18 0.00	24.80 1.18 0.00	23.64 1.16 0.00	24.93 1.20 0.00	24.08 1.38 0.00	32.95 2.51 0.00	35.60 2.85 1.92	31.24 2.18 0.65	36.19 2.19 0.00	33.10 2.22 -0.63	37.90 2.50 -3.18	35.63 1.93 -7.45	34.90 1.75 -8.82	46.76 1.83 -21.32	25.27 1.71 -1.85	41.46 2.21 -12.51	63.72 4.12 -9.61	34.71 2.79 0.00	35.51 3.31 0.00	38.80 2.69 -9.69	33.81 2.68 -0.19	37.83 2.43 -5.80	37.38 1.91 -9.42
FPL_FAR_ROCK_GT2 23815	25.46 1.37 -0.97	23.05 1.18 0.00	24.80 1.18 0.00	23.64 1.16 0.00	24.93 1.20 0.00	24.08 1.38 0.00	32.95 2.51 0.00	35.60 2.85 1.92	31.24 2.18 0.65	36.19 2.19 0.00	33.10 2.22 -0.63	37.90 2.50 -3.18	35.63 1.93 -7.45	34.90 1.75 -8.82	46.76 1.83 -21.32	25.27 1.71 -1.85	41.46 2.21 -12.51	63.72 4.12 -9.61	34.71 2.79 0.00	35.51 3.31 0.00	38.80 2.69 -9.69	33.81 2.68 -0.19	37.83 2.43 -5.80	37.38 1.91 -9.42

FRANKLIN_FALL_HYD 24054	23.49 0.38 0.00	22.24 0.37 0.00	24.15 0.52 0.00	22.95 0.47 0.00	24.13 0.40 0.00	22.89 0.18 0.00	30.49 0.05 0.00	34.52 -0.15 0.00	29.11 -0.59 0.00	33.44 -0.56 0.00	29.70 -0.55 0.00	31.85 -0.36 0.00	26.15 -0.09 0.00	24.30 -0.03 0.00	23.49 -0.11 0.00	21.27 -0.45 0.00	26.26 -0.49 0.00	49.86 -0.13 0.00	31.34 -0.59 0.00	31.66 -0.54 0.00	26.14 -0.29 0.00	30.98 0.03 0.00	29.37 -0.24 0.00	25.90 -0.17 0.00
FREEPORT_EQUS_GT1 23764	24.62 1.12 -0.39	22.82 0.95 0.00	24.55 0.93 0.00	23.41 0.93 0.00	24.68 0.95 0.00	23.83 1.13 0.00	32.55 2.12 0.00	35.13 2.38 1.92	30.83 1.78 0.65	35.60 1.60 0.00	32.26 1.76 -0.25	35.54 2.06 -1.26	30.83 1.62 -2.97	29.28 1.44 -3.51	40.01 1.56 -14.84	23.84 1.46 -0.67	33.60 1.88 -4.97	57.35 3.54 -3.82	34.32 2.40 0.00	35.11 2.92 0.00	32.29 2.34 -3.52	33.29 2.27 -0.07	34.00 2.08 -2.31	31.43 1.63 -3.74
FREEPORT___CT2 23818	24.62 1.12 -0.39	22.82 0.95 0.00	24.55 0.93 0.00	23.41 0.93 0.00	24.68 0.95 0.00	23.83 1.13 0.00	32.55 2.12 0.00	35.13 2.38 1.92	30.83 1.78 0.65	35.60 1.60 0.00	32.26 1.76 -0.25	35.54 2.06 -1.26	30.83 1.62 -2.97	29.28 1.44 -3.51	40.01 1.56 -14.84	23.84 1.46 -0.67	33.60 1.88 -4.97	57.35 3.54 -3.82	34.32 2.40 0.00	35.11 2.92 0.00	32.29 2.34 -3.52	33.29 2.27 -0.07	34.00 2.08 -2.31	31.43 1.63 -3.74
FRESHKLS_33_KV_LOAD 356253	24.06 0.94 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.23 0.75 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.26 1.83 0.00	85.94 2.05 -49.21	47.95 1.71 -16.54	35.70 1.69 0.00	31.99 1.70 -0.04	33.87 1.66 -0.01	27.67 1.31 -0.11	25.42 1.10 0.00	25.84 1.20 -1.04	22.90 1.18 0.00	28.32 1.57 0.00	52.50 2.51 0.00	33.95 2.02 0.00	34.59 2.39 0.00	28.43 2.00 0.00	32.74 1.79 0.00	31.22 1.61 0.00	27.25 1.18 0.00
FULTON COGEN____ 23766	22.70 -0.42 0.00	21.49 -0.38 0.00	23.24 -0.38 0.00	22.12 -0.36 0.00	23.40 -0.34 0.00	22.40 -0.31 0.00	30.03 -0.40 0.00	34.25 -0.43 0.00	29.34 -0.37 0.00	33.48 -0.52 0.00	29.80 -0.45 0.00	31.74 -0.47 0.00	25.70 -0.54 0.00	23.82 -0.50 0.00	23.06 -0.54 0.00	21.21 -0.50 0.00	26.05 -0.70 0.00	48.69 -1.30 0.00	31.18 -0.74 0.00	31.60 -0.59 0.00	25.97 -0.46 0.00	30.27 -0.68 0.00	28.98 -0.63 0.00	25.52 -0.55 0.00
FULTON___LFGE 323630	25.26 2.14 0.00	23.85 1.98 0.00	25.72 2.10 0.00	24.49 2.01 0.00	25.89 2.16 0.00	24.89 2.19 0.00	33.80 3.37 0.00	38.68 4.01 0.00	33.06 3.35 0.00	37.56 3.56 0.00	32.82 2.57 0.00	34.91 2.70 0.00	28.42 2.18 0.00	26.31 1.99 0.00	25.54 1.93 0.00	23.65 1.94 0.00	29.41 2.66 0.00	55.47 5.48 0.00	35.28 3.36 0.00	35.79 3.59 0.00	29.40 2.97 0.00	34.22 3.27 0.00	32.66 3.05 0.00	28.60 2.53 0.00
G.F.CEMENT___DRP 24184	23.84 0.72 0.00	22.63 0.76 0.00	24.32 0.70 0.00	23.18 0.70 0.00	24.49 0.76 0.00	23.49 0.79 0.00	31.66 1.23 0.00	36.12 1.44 0.00	31.17 1.47 0.00	35.22 1.22 0.00	30.93 0.68 0.00	32.98 0.77 0.00	26.88 0.64 0.00	24.96 0.64 0.00	24.33 0.72 0.00	22.61 0.89 0.00	28.09 1.34 0.00	52.58 2.59 0.00	33.60 1.67 0.00	33.96 1.77 0.00	27.76 1.34 0.00	32.24 1.30 0.00	30.68 1.06 0.00	26.96 0.90 0.00
GARDENVILLE___LBMP 24039	22.09 -1.02 0.00	20.94 -0.93 0.00	23.01 -0.61 0.00	21.92 -0.56 0.00	23.24 -0.49 0.00	22.11 -0.59 0.00	29.35 -1.08 0.00	33.61 -1.07 0.00	29.15 -0.55 0.00	33.15 -0.85 0.00	29.50 -0.75 0.00	31.32 -0.89 0.00	24.79 -1.45 0.00	22.89 -1.44 0.00	21.90 -1.70 0.00	19.97 -1.75 0.00	24.42 -2.34 0.00	45.24 -4.74 0.00	28.78 -3.15 0.00	29.16 -3.03 0.00	24.23 -2.19 0.00	28.31 -2.64 0.00	27.72 -1.89 0.00	24.91 -1.15 0.00
GARDNVLA_35_KV_LD 355827	22.18 -0.94 0.00	21.02 -0.85 0.00	23.09 -0.53 0.00	22.00 -0.48 0.00	23.33 -0.40 0.00	22.20 -0.51 0.00	29.49 -0.94 0.00	33.79 -0.89 0.00	29.30 -0.40 0.00	33.35 -0.66 0.00	29.67 -0.58 0.00	31.51 -0.70 0.00	24.93 -1.32 0.00	23.01 -1.31 0.00	22.01 -1.59 0.00	20.07 -1.65 0.00	24.55 -2.20 0.00	45.48 -4.51 0.00	28.93 -3.00 0.00	29.31 -2.89 0.00	24.36 -2.07 0.00	28.45 -2.49 0.00	27.85 -1.75 0.00	25.02 -1.04 0.00
GELCKHM___115KV_LOAD 80723	22.85 -0.27 0.00	21.62 -0.26 0.00	23.39 -0.23 0.00	22.26 -0.21 0.00	23.55 -0.18 0.00	22.54 -0.17 0.00	30.23 -0.20 0.00	34.47 -0.20 0.00	29.54 -0.16 0.00	33.73 -0.28 0.00	30.02 -0.23 0.00	31.96 -0.25 0.00	25.88 -0.37 0.00	23.99 -0.34 0.00	23.23 -0.37 0.00	21.36 -0.36 0.00	26.25 -0.50 0.00	49.04 -0.94 0.00	31.38 -0.54 0.00	31.79 -0.41 0.00	26.12 -0.31 0.00	30.45 -0.50 0.00	29.19 -0.42 0.00	25.68 -0.39 0.00
GENERAL___MILLS 23808	22.15 -0.96 0.00	21.01 -0.87 0.00	23.07 -0.55 0.00	21.98 -0.50 0.00	23.31 -0.42 0.00	22.18 -0.53 0.00	29.44 -0.99 0.00	33.73 -0.95 0.00	29.25 -0.45 0.00	33.28 -0.73 0.00	29.61 -0.63 0.00	31.44 -0.76 0.00	24.88 -1.36 0.00	22.97 -1.35 0.00	21.98 -1.62 0.00	20.04 -1.68 0.00	24.51 -2.24 0.00	45.41 -4.58 0.00	28.89 -3.04 0.00	29.26 -2.93 0.00	24.32 -2.10 0.00	28.41 -2.54 0.00	27.82 -1.79 0.00	24.99 -1.07 0.00
GE_PLASTICS___DRP 24183	23.49 0.37 0.00	22.23 0.36 0.00	23.97 0.35 0.00	22.84 0.37 0.00	24.10 0.37 0.00	23.13 0.43 0.00	31.26 0.83 0.00	35.62 0.95 0.00	30.53 0.83 0.00	34.71 0.71 0.00	30.81 0.57 0.00	32.83 0.61 0.00	26.79 0.55 0.00	24.85 0.52 0.00	24.20 0.60 0.00	22.36 0.64 0.00	27.57 0.82 0.00	51.44 1.45 0.00	32.99 1.07 0.00	33.34 1.15 0.00	27.30 0.87 0.00	31.77 0.83 0.00	30.28 0.67 0.00	26.61 0.55 0.00
GILBOA___1 23756	23.36 0.24 0.00	22.09 0.22 0.00	23.82 0.20 0.00	22.70 0.21 0.00	23.96 0.22 0.00	23.00 0.30 0.00	31.12 0.69 0.00	35.42 0.74 0.00	30.35 0.65 0.00	34.53 0.52 0.00	30.70 0.45 0.00	32.68 0.47 0.00	26.61 0.36 0.00	24.71 0.38 0.00	24.03 0.43 0.00	22.17 0.46 0.00	27.33 0.58 0.00	50.93 0.95 0.00	32.68 0.76 0.00	33.08 0.89 0.00	27.12 0.69 0.00	31.55 0.60 0.00	30.13 0.52 0.00	26.45 0.38 0.00
GILBOA___2 23757	23.36 0.24 0.00	22.09 0.22 0.00	23.82 0.20 0.00	22.70 0.21 0.00	23.96 0.22 0.00	23.00 0.30 0.00	31.12 0.69 0.00	35.42 0.74 0.00	30.35 0.65 0.00	34.53 0.52 0.00	30.70 0.45 0.00	32.68 0.47 0.00	26.61 0.36 0.00	24.71 0.38 0.00	24.03 0.43 0.00	22.17 0.46 0.00	27.33 0.58 0.00	50.93 0.95 0.00	32.68 0.76 0.00	33.08 0.89 0.00	27.12 0.69 0.00	31.55 0.60 0.00	30.13 0.52 0.00	26.45 0.38 0.00
GILBOA___3 23758	23.36 0.24 0.00	22.09 0.22 0.00	23.82 0.20 0.00	22.70 0.21 0.00	23.96 0.22 0.00	23.00 0.30 0.00	31.12 0.69 0.00	35.42 0.74 0.00	30.35 0.65 0.00	34.53 0.52 0.00	30.70 0.45 0.00	32.68 0.47 0.00	26.61 0.36 0.00	24.71 0.38 0.00	24.03 0.43 0.00	22.17 0.46 0.00	27.33 0.58 0.00	50.93 0.95 0.00	32.68 0.76 0.00	33.08 0.89 0.00	27.12 0.69 0.00	31.55 0.60 0.00	30.13 0.52 0.00	26.45 0.38 0.00

GILBOA___4 23759	23.36 0.24 0.00	22.09 0.22 0.00	23.82 0.20 0.00	22.70 0.21 0.00	23.96 0.22 0.00	23.00 0.30 0.00	31.12 0.69 0.00	35.42 0.74 0.00	30.35 0.65 0.00	34.53 0.52 0.00	30.70 0.45 0.00	32.68 0.47 0.00	26.61 0.36 0.00	24.71 0.38 0.00	24.03 0.43 0.00	22.17 0.46 0.00	27.33 0.58 0.00	50.93 0.95 0.00	32.68 0.76 0.00	33.08 0.89 0.00	27.12 0.69 0.00	31.55 0.60 0.00	30.13 0.52 0.00	26.45 0.38 0.00
GILBOA____ 23599	23.36 0.24 0.00	22.09 0.21 0.00	23.82 0.20 0.00	22.70 0.22 0.00	23.96 0.23 0.00	23.00 0.30 0.00	31.12 0.69 0.00	35.42 0.74 0.00	30.35 0.65 0.00	34.53 0.53 0.00	30.70 0.45 0.00	32.68 0.47 0.00	26.61 0.36 0.00	24.71 0.38 0.00	24.03 0.43 0.00	22.17 0.46 0.00	27.33 0.58 0.00	50.93 0.95 0.00	32.68 0.76 0.00	33.09 0.89 0.00	27.12 0.69 0.00	31.55 0.60 0.00	30.13 0.52 0.00	26.45 0.38 0.00
GINNA____ 23603	21.48 -1.61 0.03	20.36 -1.52 0.00	22.17 -1.45 0.00	21.11 -1.37 0.00	22.36 -1.37 0.00	21.34 -1.33 0.04	28.57 -1.84 0.01	32.46 -1.94 0.28	25.94 -1.55 2.21	31.64 -1.91 0.45	28.38 -1.69 0.18	30.20 -1.82 0.19	24.42 -1.82 0.00	22.61 -1.72 0.00	21.76 -1.84 0.00	19.92 -1.79 0.00	24.45 -2.30 0.00	45.65 -4.34 0.00	29.17 -2.76 0.00	29.56 -2.63 0.00	24.37 -2.06 0.00	28.36 -2.55 0.04	27.34 -2.19 0.07	24.31 -1.75 0.00
GLEN PARK____ 23778	22.64 -0.47 0.00	21.35 -0.52 0.00	22.88 -0.74 0.00	21.70 -0.78 0.00	23.16 -0.57 0.00	22.42 -0.28 0.00	30.44 0.01 0.00	34.92 0.25 0.00	29.94 0.24 0.00	34.10 0.09 0.00	30.01 -0.24 0.00	32.18 -0.03 0.00	26.15 -0.09 0.00	23.65 -0.67 0.00	22.69 -0.92 0.00	20.51 -1.21 0.00	25.24 -1.51 0.00	47.43 -2.56 0.00	30.57 -1.35 0.00	31.25 -0.94 0.00	25.74 -0.68 0.00	30.29 -0.66 0.00	28.62 -1.00 0.00	25.08 -0.99 0.00
GLENDALE_27_KV_LOAD 356172	24.18 1.06 0.00	22.75 0.87 0.00	24.48 0.86 0.00	23.33 0.86 0.00	24.63 0.90 0.00	23.79 1.08 0.00	32.52 2.09 0.00	86.37 2.47 -49.21	48.25 2.01 -16.54	36.05 2.05 0.00	32.29 2.00 -0.04	34.27 2.05 -0.01	27.97 1.62 -0.11	25.77 1.44 0.00	36.01 1.48 -10.93	23.17 1.45 0.00	28.60 1.85 0.00	53.14 3.16 0.00	34.26 2.33 0.00	34.90 2.71 0.00	28.62 2.20 0.00	33.05 2.11 0.00	31.46 1.85 0.00	27.42 1.36 0.00
GLENWOOD_IC_1_G5 23712	24.49 1.12 -0.26	22.82 0.95 0.00	24.56 0.94 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.85 1.14 0.00	32.59 2.17 0.00	35.18 2.43 1.92	30.73 1.67 0.65	35.56 1.56 0.00	32.05 1.63 -0.17	35.00 1.93 -0.86	29.97 1.69 -2.03	28.24 1.53 -2.38	38.85 1.62 -13.62	23.69 1.52 -0.46	32.08 1.95 -3.38	56.21 3.63 -2.60	34.36 2.43 0.00	34.92 2.72 0.00	31.18 2.36 -2.40	33.28 2.29 -0.05	33.28 2.10 -1.56	30.25 1.64 -2.54
GLENWOOD_IC_2_G1 23688	24.30 1.06 -0.12	22.77 0.89 0.00	24.50 0.87 0.00	23.36 0.88 0.00	24.63 0.90 0.00	23.78 1.08 0.00	32.51 2.08 0.00	35.10 2.34 1.92	30.80 1.75 0.65	35.68 1.68 0.00	32.04 1.71 -0.07	34.59 1.99 -0.38	28.77 1.61 -0.92	26.84 1.46 -1.06	37.35 1.55 -12.20	23.38 1.46 -0.21	30.11 1.86 -1.50	54.58 3.44 -1.16	34.26 2.33 0.00	34.97 2.77 0.00	29.79 2.26 -1.10	33.16 2.19 -0.02	32.31 2.00 -0.70	28.75 1.55 -1.13
GLENWOOD_IC_3_G1 23689	24.30 1.06 -0.12	22.77 0.89 0.00	24.50 0.87 0.00	23.36 0.88 0.00	24.63 0.90 0.00	23.78 1.08 0.00	32.51 2.08 0.00	35.10 2.34 1.92	30.80 1.75 0.65	35.68 1.68 0.00	32.04 1.71 -0.07	34.59 1.99 -0.38	28.77 1.61 -0.92	26.84 1.46 -1.06	37.35 1.55 -12.20	23.38 1.46 -0.21	30.11 1.86 -1.50	54.58 3.44 -1.16	34.26 2.33 0.00	34.97 2.77 0.00	29.79 2.26 -1.10	33.16 2.19 -0.02	32.31 2.00 -0.70	28.75 1.55 -1.13
GLENWOOD___4 23550	24.49 1.12 -0.26	22.82 0.95 0.00	24.56 0.94 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.85 1.14 0.00	32.59 2.17 0.00	35.19 2.44 1.92	30.79 1.74 0.65	35.65 1.65 0.00	32.13 1.71 -0.17	35.08 2.01 -0.86	29.97 1.69 -2.03	28.24 1.53 -2.38	38.85 1.62 -13.62	23.69 1.52 -0.46	32.08 1.95 -3.38	56.21 3.63 -2.60	34.36 2.44 0.00	34.98 2.79 0.00	31.18 2.36 -2.40	33.28 2.29 -0.05	33.28 2.10 -1.56	30.25 1.64 -2.54
GLENWOOD___5 23614	24.49 1.12 -0.26	22.82 0.95 0.00	24.56 0.94 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.85 1.14 0.00	32.59 2.17 0.00	35.19 2.44 1.92	30.79 1.74 0.65	35.65 1.65 0.00	32.13 1.71 -0.17	35.08 2.01 -0.86	29.97 1.69 -2.03	28.24 1.53 -2.38	38.85 1.62 -13.62	23.69 1.52 -0.46	32.08 1.95 -3.38	56.21 3.63 -2.60	34.36 2.44 0.00	34.98 2.79 0.00	31.18 2.36 -2.40	33.28 2.29 -0.05	33.28 2.10 -1.56	30.25 1.64 -2.54
GLOBAL GREEN_PORT_GT1 23814	24.41 1.23 -0.06	23.12 1.25 0.00	24.89 1.27 0.00	23.79 1.31 0.00	25.09 1.37 0.00	24.24 1.54 0.00	33.04 2.62 0.00	35.39 2.64 1.92	30.99 1.93 0.65	35.80 1.80 0.00	31.82 1.53 -0.04	34.50 2.09 -0.20	28.43 1.70 -0.49	26.42 1.54 -0.55	37.08 1.84 -11.63	23.54 1.71 -0.11	29.61 2.08 -0.78	54.84 4.26 -0.60	34.59 2.66 0.00	35.93 3.74 0.00	29.71 2.72 -0.57	33.65 2.70 -0.01	32.70 2.73 -0.36	28.90 2.25 -0.59
GLOBE___DSASP 323697	21.49 -1.62 0.00	20.39 -1.48 0.00	22.42 -1.20 0.00	21.35 -1.13 0.00	22.62 -1.11 0.00	21.50 -1.20 0.00	28.35 -2.08 0.00	32.39 -2.28 0.00	28.12 -1.58 0.00	31.84 -2.16 0.00	28.30 -1.95 0.00	30.04 -2.17 0.00	23.85 -2.39 0.00	22.09 -2.23 0.00	21.19 -2.42 0.00	19.34 -2.38 0.00	23.63 -3.12 0.00	43.66 -6.32 0.00	27.76 -4.17 0.00	28.06 -4.14 0.00	23.32 -3.11 0.00	27.27 -3.68 0.00	26.79 -2.82 0.00	24.15 -1.92 0.00
GOETHSLN___LBMP 323567	23.92 0.80 0.00	22.50 0.62 0.00	24.23 0.61 0.00	23.10 0.62 0.00	24.38 0.65 0.00	23.53 0.83 0.00	32.18 1.75 0.00	85.94 2.05 -49.22	47.84 1.59 -16.54	35.60 1.59 0.00	31.89 1.59 -0.05	33.82 1.60 -0.01	27.60 1.25 -0.11	25.43 1.11 0.00	25.81 1.16 -1.05	22.89 1.17 0.00	28.24 1.49 0.00	52.51 2.53 0.00	33.86 1.93 0.00	34.51 2.31 0.00	28.29 1.87 0.00	32.66 1.72 0.00	31.10 1.49 0.00	27.11 1.05 0.00
GOLAH___69_KV_TB 1_2 80279	22.56 -0.55 0.00	21.35 -0.52 0.00	23.32 -0.30 0.00	22.21 -0.27 0.00	23.54 -0.19 0.00	22.48 -0.23 0.00	30.01 -0.42 0.00	34.37 -0.31 0.00	29.61 -0.09 0.00	33.72 -0.28 0.00	30.00 -0.25 0.00	31.92 -0.29 0.00	25.53 -0.71 0.00	23.60 -0.73 0.00	22.68 -0.93 0.00	20.77 -0.95 0.00	25.40 -1.35 0.00	47.32 -2.66 0.00	30.26 -1.66 0.00	30.70 -1.50 0.00	25.37 -1.06 0.00	29.57 -1.38 0.00	28.69 -0.92 0.00	25.54 -0.52 0.00
GOODYEAR_LAKE_HYD 323669	23.84 0.73 0.00	22.51 0.63 0.00	24.32 0.70 0.00	23.16 0.69 0.00	24.48 0.75 0.00	23.52 0.81 0.00	31.79 1.37 0.00	36.27 1.60 0.00	30.99 1.29 0.00	35.40 1.40 0.00	31.50 1.25 0.00	33.47 1.26 0.00	27.10 0.86 0.00	25.14 0.81 0.00	24.33 0.72 0.00	22.34 0.63 0.00	27.53 0.78 0.00	51.55 1.57 0.00	32.98 1.06 0.00	33.43 1.23 0.00	27.47 1.04 0.00	31.96 1.01 0.00	30.59 0.98 0.00	26.85 0.78 0.00

GOUDEY___1 345031	22.93 -0.18 0.00	21.68 -0.19 0.00	23.51 -0.11 0.00	22.36 -0.11 0.00	23.66 -0.07 0.00	22.69 -0.02 0.00	30.70 0.27 0.00	34.93 0.25 0.00	29.89 0.19 0.00	34.17 0.17 0.00	30.48 0.23 0.00	32.37 0.16 0.00	26.03 -0.20 0.00	24.16 -0.17 0.00	23.36 -0.24 0.00	21.48 -0.24 0.00	26.45 -0.30 0.00	49.44 -0.54 0.00	31.67 -0.26 0.00	32.19 -0.01 0.00	26.45 0.02 0.00	30.75 -0.19 0.00	29.55 -0.06 0.00	25.94 -0.12 0.00
GOUDEY___7 23579	22.96 -0.16 0.00	21.70 -0.17 0.00	23.53 -0.09 0.00	22.38 -0.10 0.00	23.68 -0.06 0.00	22.71 0.01 0.00	30.73 0.30 0.00	34.96 0.28 0.00	29.92 0.22 0.00	34.20 0.20 0.00	30.51 0.26 0.00	32.40 0.19 0.00	26.06 -0.18 0.00	24.18 -0.14 0.00	23.38 -0.22 0.00	21.50 -0.22 0.00	26.48 -0.28 0.00	49.49 -0.49 0.00	31.70 -0.22 0.00	32.22 0.02 0.00	26.47 0.05 0.00	30.78 -0.17 0.00	29.58 -0.03 0.00	25.96 -0.10 0.00
GOUDEY___8 23580	22.93 -0.18 0.00	21.68 -0.19 0.00	23.51 -0.11 0.00	22.36 -0.11 0.00	23.66 -0.07 0.00	22.69 -0.02 0.00	30.70 0.27 0.00	34.93 0.25 0.00	29.89 0.19 0.00	34.17 0.17 0.00	30.48 0.23 0.00	32.37 0.16 0.00	26.03 -0.20 0.00	24.16 -0.17 0.00	23.36 -0.24 0.00	21.48 -0.24 0.00	26.45 -0.30 0.00	49.44 -0.54 0.00	31.67 -0.26 0.00	32.19 -0.01 0.00	26.45 0.02 0.00	30.75 -0.19 0.00	29.55 -0.06 0.00	25.94 -0.12 0.00
GOWANUS_GT1_1 24077	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_2 24078	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_3 24079	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_4 24080	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_5 24084	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_6 24111	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_7 24112	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT1_8 24113	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_1 24114	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_2 24115	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_3 24116	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_4 24117	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00

GOWANUS_GT2_5 24118	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_6 24119	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_7 24120	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT2_8 24121	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_1 24122	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_2 24123	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_3 24124	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_4 24125	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_5 24126	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_6 24127	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_7 24128	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT3_8 24129	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_1 24130	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_2 24131	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_3 24132	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00

GOWANUS_GT4_4 24133	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_5 24134	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_6 24135	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_7 24136	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GOWANUS_GT4_8 24137	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GREENBSH_115KV_TB3 55895	23.55 0.43 0.00	22.30 0.42 0.00	24.04 0.42 0.00	22.92 0.44 0.00	24.18 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.75 1.08 0.00	30.65 0.95 0.00	34.82 0.81 0.00	30.88 0.64 0.00	32.93 0.71 0.00	26.90 0.66 0.00	24.94 0.62 0.00	24.31 0.70 0.00	22.48 0.76 0.00	27.72 0.97 0.00	51.69 1.71 0.00	33.17 1.25 0.00	33.50 1.30 0.00	27.41 0.99 0.00	31.90 0.95 0.00	30.37 0.76 0.00	26.71 0.64 0.00
GREENDGE_115KV_TB5 80291	22.68 -0.44 0.00	21.52 -0.35 0.00	23.41 -0.21 0.00	22.28 -0.20 0.00	23.64 -0.10 0.00	22.63 -0.07 0.00	30.59 0.16 0.00	34.84 0.16 0.00	29.89 0.19 0.00	34.09 0.09 0.00	30.53 0.28 0.00	32.32 0.11 0.00	25.89 -0.35 0.00	23.90 -0.42 0.00	23.00 -0.60 0.00	20.94 -0.78 0.00	25.88 -0.86 0.00	47.97 -2.01 0.00	31.11 -0.82 0.00	31.49 -0.70 0.00	26.10 -0.32 0.00	30.24 -0.71 0.00	29.22 -0.39 0.00	25.77 -0.29 0.00
GREENIDGE___3 23582	22.68 -0.44 0.00	21.52 -0.35 0.00	23.41 -0.21 0.00	22.28 -0.20 0.00	23.64 -0.10 0.00	22.63 -0.07 0.00	30.59 0.16 0.00	34.84 0.16 0.00	29.89 0.19 0.00	34.09 0.09 0.00	30.53 0.28 0.00	32.32 0.11 0.00	25.89 -0.35 0.00	23.90 -0.42 0.00	23.00 -0.60 0.00	20.94 -0.78 0.00	25.88 -0.86 0.00	47.97 -2.01 0.00	31.11 -0.82 0.00	31.49 -0.70 0.00	26.10 -0.32 0.00	30.24 -0.71 0.00	29.22 -0.39 0.00	25.77 -0.29 0.00
GREENIDGE___4 23583	22.73 -0.44 -0.06	21.53 -0.35 0.00	23.41 -0.21 0.00	22.28 -0.20 0.00	23.64 -0.10 0.00	22.71 -0.07 -0.08	30.62 0.16 -0.03	35.44 0.15 -0.60	34.65 0.18 -4.76	35.06 0.09 -0.97	30.91 0.28 -0.38	32.72 0.11 -0.40	25.89 -0.35 0.00	23.90 -0.42 0.00	23.00 -0.60 0.00	20.93 -0.78 0.00	25.88 -0.87 0.00	47.98 -2.01 0.00	31.10 -0.82 0.00	31.50 -0.70 0.00	26.10 -0.32 0.00	30.34 -0.71 -0.09	29.38 -0.39 -0.16	25.77 -0.30 0.00
GREENLWN_69_KV_BK 3 55738	24.07 0.88 -0.07	22.62 0.75 0.00	24.34 0.72 0.00	23.21 0.74 0.00	24.46 0.73 0.00	23.59 0.88 0.00	32.17 1.74 0.00	34.66 1.90 1.92	30.46 1.41 0.65	35.27 1.27 0.00	31.63 1.34 -0.04	34.14 1.70 -0.23	28.13 1.32 -0.57	26.18 1.21 -0.65	36.70 1.35 -11.74	23.09 1.24 -0.13	29.24 1.56 -0.92	53.68 2.98 -0.71	33.92 2.00 0.00	34.72 2.52 0.00	29.07 1.98 -0.67	32.82 1.86 -0.01	31.78 1.75 -0.43	28.16 1.40 -0.70
GREENWD_138_KV_38B11_REV_LBMP_J 345004	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
GRISSOM___SOLAR 323813	25.26 2.14 0.00	23.85 1.98 0.00	25.72 2.10 0.00	24.49 2.01 0.00	25.89 2.16 0.00	24.89 2.19 0.00	33.80 3.37 0.00	38.68 4.01 0.00	33.06 3.35 0.00	37.56 3.56 0.00	32.82 2.57 0.00	34.91 2.70 0.00	28.42 2.18 0.00	26.31 1.99 0.00	25.54 1.93 0.00	23.65 1.94 0.00	29.41 2.66 0.00	55.47 5.48 0.00	35.28 3.36 0.00	35.79 3.59 0.00	29.40 2.97 0.00	34.22 3.27 0.00	32.66 3.05 0.00	28.60 2.53 0.00
GROVEVILLE___HYD 323602	23.93 0.81 0.00	22.57 0.70 0.00	24.31 0.69 0.00	23.17 0.69 0.00	24.44 0.71 0.00	23.56 0.85 0.00	32.10 1.67 0.00	36.63 1.96 0.00	31.29 1.59 0.00	35.61 1.61 0.00	31.72 1.48 0.00	33.68 1.47 0.00	27.43 1.19 0.00	25.43 1.10 0.00	24.77 1.17 0.00	22.87 1.15 0.00	28.23 1.48 0.00	52.79 2.80 0.00	33.94 2.02 0.00	34.51 2.31 0.00	28.27 1.84 0.00	32.70 1.75 0.00	31.10 1.49 0.00	27.18 1.12 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
HAMLTNNY_34_KV_TB 80303	23.04 -0.07 0.00	21.79 -0.08 0.00	23.57 -0.06 0.00	22.45 -0.02 0.00	23.76 0.03 0.00	22.76 0.05 0.00	30.56 0.13 0.00	34.86 0.18 0.00	29.85 0.15 0.00	34.05 0.05 0.00	30.34 0.09 0.00	32.28 0.07 0.00	26.09 -0.15 0.00	24.20 -0.12 0.00	23.44 -0.16 0.00	21.51 -0.21 0.00	26.44 -0.31 0.00	49.47 -0.51 0.00	31.65 -0.28 0.00	32.11 -0.09 0.00	26.36 -0.06 0.00	30.74 -0.21 0.00	29.48 -0.14 0.00	25.91 -0.16 0.00

HAMPSHIRE___PAPER_HYD 323593	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.91 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.22 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.56 0.00	30.68 -1.52 0.00	25.23 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.94 -1.12 0.00
HARDSCRABBLE_WT_PWR 323673	22.80 -0.32 0.00	21.59 -0.28 0.00	23.26 -0.36 0.00	22.20 -0.28 0.00	23.43 -0.30 0.00	22.53 -0.17 0.00	30.68 0.26 0.00	35.03 0.35 0.00	30.05 0.35 0.00	34.10 0.09 0.00	30.05 -0.20 0.00	32.06 -0.15 0.00	26.09 -0.15 0.00	24.25 -0.07 0.00	23.66 0.06 0.00	21.64 -0.08 0.00	26.73 -0.02 0.00	49.90 -0.08 0.00	31.92 -0.01 0.00	32.37 0.17 0.00	26.53 0.11 0.00	30.78 -0.17 0.00	29.29 -0.32 0.00	25.63 -0.44 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	23.88 0.77 0.00	22.48 0.61 0.00	24.22 0.60 0.00	23.10 0.62 0.00	24.38 0.65 0.00	23.50 0.80 0.00	32.05 1.62 0.00	35.82 1.88 0.74	30.94 1.49 0.25	35.51 1.51 0.00	31.70 1.45 0.00	33.68 1.47 0.00	27.34 1.12 0.02	25.34 1.01 0.00	16.63 1.04 8.02	22.74 1.03 0.00	28.08 1.33 0.00	52.46 2.48 0.00	33.77 1.84 0.00	34.37 2.18 0.00	28.16 1.73 0.00	32.57 1.62 0.00	31.01 1.41 0.00	27.09 1.02 0.00
HARSNRAD_115KV_TB1 81005	21.76 -1.35 0.00	20.63 -1.24 0.00	22.68 -0.94 0.00	21.61 -0.86 0.00	22.90 -0.84 0.00	21.78 -0.92 0.00	28.81 -1.62 0.00	33.05 -1.63 0.00	28.63 -1.07 0.00	32.52 -1.48 0.00	28.92 -1.33 0.00	30.71 -1.50 0.00	24.36 -1.88 0.00	22.53 -1.80 0.00	21.58 -2.03 0.00	19.68 -2.04 0.00	24.03 -2.72 0.00	44.49 -5.50 0.00	28.34 -3.59 0.00	28.68 -3.52 0.00	23.82 -2.60 0.00	27.85 -3.10 0.00	27.32 -2.29 0.00	24.60 -1.46 0.00
HARZA MOOSE___RIVER 24016	23.12 0.00 0.00	21.80 -0.07 0.00	23.47 -0.15 0.00	22.31 -0.17 0.00	23.67 -0.06 0.00	22.81 0.11 0.00	30.91 0.48 0.00	35.35 0.67 0.00	30.29 0.59 0.00	34.45 0.44 0.00	30.36 0.11 0.00	32.48 0.27 0.00	26.56 0.32 0.00	24.32 -0.01 0.00	23.48 -0.12 0.00	21.40 -0.32 0.00	26.32 -0.43 0.00	49.22 -0.77 0.00	31.68 -0.24 0.00	32.11 -0.09 0.00	26.38 -0.04 0.00	30.98 0.03 0.00	29.41 -0.20 0.00	25.78 -0.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	22.84 -0.28 0.00	21.62 -0.26 0.00	23.40 -0.23 0.00	22.27 -0.21 0.00	23.55 -0.18 0.00	22.54 -0.16 0.00	30.25 -0.17 0.00	34.50 -0.18 0.00	29.57 -0.13 0.00	33.75 -0.26 0.00	30.04 -0.21 0.00	31.99 -0.22 0.00	25.87 -0.37 0.00	23.99 -0.33 0.00	23.24 -0.36 0.00	21.38 -0.34 0.00	26.26 -0.49 0.00	49.04 -0.94 0.00	31.38 -0.54 0.00	31.79 -0.40 0.00	26.14 -0.29 0.00	30.45 -0.49 0.00	29.19 -0.42 0.00	25.69 -0.37 0.00
HELLGATE_13_KV_LD 55870	24.09 0.97 0.00	22.68 0.80 0.00	24.41 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.98 0.00	86.22 2.33 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.16 1.87 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.93 0.00	34.11 2.19 0.00	34.75 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.25 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	24.09 0.97 0.00	22.68 0.80 0.00	24.41 0.78 0.00	23.27 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.98 0.00	86.22 2.33 -49.21	48.12 1.88 -16.54	35.89 1.89 0.00	32.16 1.87 -0.04	34.11 1.90 -0.01	27.86 1.51 -0.11	25.65 1.33 0.00	35.91 1.37 -10.93	23.07 1.36 0.00	28.48 1.73 0.00	52.91 2.93 0.00	34.11 2.19 0.00	34.75 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.31 1.25 0.00
HEMPSTEAD___ 23647	24.44 1.02 -0.30	22.73 0.86 0.00	24.47 0.84 0.00	23.32 0.85 0.00	24.60 0.87 0.00	23.75 1.05 0.00	32.45 2.02 0.00	35.02 2.26 1.92	30.72 1.66 0.65	35.55 1.55 0.00	32.07 1.63 -0.20	35.14 1.93 -0.99	30.14 1.56 -2.34	28.48 1.40 -2.76	39.06 1.51 -13.95	23.63 1.41 -0.51	32.46 1.81 -3.91	56.37 3.38 -3.00	34.21 2.29 0.00	34.94 2.74 0.00	31.33 2.23 -2.68	33.14 2.14 -0.05	33.39 1.97 -1.81	30.53 1.52 -2.94
HEWLETT__69_KV_BK3 55828	25.30 1.21 -0.97	22.90 1.03 0.00	24.63 1.01 0.00	23.49 1.01 0.00	24.77 1.04 0.00	23.92 1.22 0.00	32.71 2.28 0.00	35.32 2.57 1.92	31.02 1.96 0.65	35.96 1.95 0.00	32.87 1.99 -0.63	37.64 2.24 -3.18	35.44 1.75 -7.45	34.73 1.58 -8.82	46.59 1.67 -21.32	25.12 1.56 -1.85	41.26 2.01 -12.51	63.31 3.71 -9.61	34.45 2.53 0.00	35.23 3.04 0.00	38.57 2.46 -9.69	33.56 2.42 -0.19	37.59 2.19 -5.80	37.18 1.71 -9.42
HICKLING___1 23621	22.56 -0.55 0.00	21.40 -0.48 0.00	23.28 -0.34 0.00	22.17 -0.31 0.00	23.50 -0.22 0.00	22.54 -0.16 0.00	30.72 0.29 0.00	34.89 0.21 0.00	29.86 0.16 0.00	34.19 0.18 0.00	30.64 0.39 0.00	32.38 0.17 0.00	25.67 -0.58 0.00	23.77 -0.55 0.00	22.87 -0.73 0.00	20.88 -0.84 0.00	25.82 -0.93 0.00	48.25 -1.74 0.00	31.07 -0.85 0.00	31.69 -0.51 0.00	26.13 -0.30 0.00	30.26 -0.69 0.00	29.24 -0.37 0.00	25.65 -0.42 0.00
HICKLING___2 23622	22.56 -0.55 0.00	21.40 -0.48 0.00	23.28 -0.34 0.00	22.17 -0.31 0.00	23.50 -0.22 0.00	22.54 -0.16 0.00	30.72 0.29 0.00	34.89 0.21 0.00	29.86 0.16 0.00	34.19 0.18 0.00	30.64 0.39 0.00	32.38 0.17 0.00	25.67 -0.58 0.00	23.77 -0.55 0.00	22.87 -0.73 0.00	20.88 -0.84 0.00	25.82 -0.93 0.00	48.25 -1.74 0.00	31.07 -0.85 0.00	31.69 -0.51 0.00	26.13 -0.30 0.00	30.26 -0.69 0.00	29.24 -0.37 0.00	25.65 -0.42 0.00
HIGH FALLS___HY 23754	23.91 0.80 0.00	22.59 0.72 0.00	24.36 0.73 0.00	23.23 0.75 0.00	24.51 0.78 0.00	23.64 0.93 0.00	32.27 1.84 0.00	36.84 2.16 0.00	31.37 1.67 0.00	35.76 1.76 0.00	31.89 1.64 0.00	33.70 1.49 0.00	27.19 0.94 0.00	25.26 0.93 0.00	24.64 1.04 0.00	22.64 0.92 0.00	27.90 1.15 0.00	52.27 2.28 0.00	33.67 1.74 0.00	34.36 2.16 0.00	28.35 1.92 0.00	32.75 1.81 0.00	31.17 1.56 0.00	27.21 1.15 0.00
HILLBURN___GT 23639	23.87 0.75 0.00	22.46 0.59 0.00	24.20 0.58 0.00	23.08 0.60 0.00	24.36 0.63 0.00	23.49 0.78 0.00	32.06 1.63 0.00	35.61 1.89 0.95	30.87 1.49 0.32	35.50 1.49 0.00	31.70 1.45 0.00	33.67 1.46 0.00	27.32 1.10 0.03	25.31 0.98 0.00	14.61 1.02 10.01	22.71 1.00 0.00	28.04 1.29 0.00	52.36 2.37 0.00	33.71 1.79 0.00	34.36 2.16 0.00	28.15 1.72 0.00	32.53 1.58 0.00	30.99 1.38 0.00	27.06 1.00 0.00
HILLSIDE_115KV_TB1 80332	22.35 -0.77 0.00	21.17 -0.70 0.00	23.01 -0.61 0.00	21.89 -0.59 0.00	23.19 -0.54 0.00	22.25 -0.45 0.00	30.31 -0.12 0.00	34.36 -0.31 0.00	29.41 -0.29 0.00	33.70 -0.31 0.00	30.16 -0.09 0.00	31.92 -0.29 0.00	25.38 -0.87 0.00	23.58 -0.74 0.00	22.71 -0.89 0.00	20.78 -0.93 0.00	25.64 -1.11 0.00	47.96 -2.02 0.00	30.83 -1.09 0.00	31.46 -0.73 0.00	25.90 -0.52 0.00	30.02 -0.92 0.00	29.00 -0.61 0.00	25.38 -0.68 0.00

HISHELDN_WT_PWR 323625	21.69 -1.35 0.07	20.69 -1.18 0.00	22.75 -0.87 0.00	21.68 -0.79 0.00	23.02 -0.71 0.00	21.76 -0.84 0.10	28.95 -1.45 0.04	32.30 -1.55 0.83	22.31 -0.88 6.51	31.39 -1.29 1.32	28.54 -1.19 0.52	30.34 -1.31 0.56	24.42 -1.82 0.00	22.43 -1.90 0.00	21.42 -2.18 0.00	19.48 -2.23 0.00	23.79 -2.96 0.00	44.06 -5.92 0.00	28.04 -3.88 0.00	28.39 -3.81 0.00	23.68 -2.74 0.00	27.54 -3.27 0.13	26.86 -2.53 0.22	24.34 -1.72 0.00
HOLTSVILLE_IC_1 23690	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
HOLTSVILLE_IC_10 23699	24.18 1.00 -0.06	22.81 0.93 0.00	24.54 0.92 0.00	23.42 0.94 0.00	24.68 0.95 0.00	23.81 1.11 0.00	32.44 2.02 0.00	34.88 2.13 1.92	30.61 1.56 0.65	35.43 1.43 0.00	31.64 1.36 -0.04	34.28 1.86 -0.21	28.27 1.51 -0.51	26.26 1.35 -0.58	36.83 1.56 -11.67	23.25 1.42 -0.11	29.28 1.70 -0.83	54.18 3.55 -0.63	34.17 2.24 0.00	35.21 3.01 0.00	29.29 2.26 -0.60	33.13 2.17 -0.01	32.13 2.14 -0.38	28.41 1.73 -0.62
HOLTSVILLE_IC_2 23691	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
HOLTSVILLE_IC_3 23692	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
HOLTSVILLE_IC_4 23693	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
HOLTSVILLE_IC_5 23694	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
HOLTSVILLE_IC_6 23695	24.18 1.00 -0.06	22.81 0.93 0.00	24.54 0.92 0.00	23.42 0.94 0.00	24.68 0.95 0.00	23.81 1.11 0.00	32.44 2.02 0.00	34.88 2.13 1.92	30.61 1.56 0.65	35.43 1.43 0.00	31.64 1.36 -0.04	34.28 1.86 -0.21	28.27 1.51 -0.51	26.26 1.35 -0.58	36.83 1.56 -11.67	23.25 1.42 -0.11	29.28 1.70 -0.83	54.18 3.55 -0.63	34.17 2.24 0.00	35.21 3.01 0.00	29.29 2.26 -0.60	33.13 2.17 -0.01	32.13 2.14 -0.38	28.41 1.73 -0.62
HOLTSVILLE_IC_7 23696	24.18 1.00 -0.06	22.81 0.93 0.00	24.54 0.92 0.00	23.42 0.94 0.00	24.68 0.95 0.00	23.81 1.11 0.00	32.44 2.02 0.00	34.88 2.13 1.92	30.61 1.56 0.65	35.43 1.43 0.00	31.64 1.36 -0.04	34.28 1.86 -0.21	28.27 1.51 -0.51	26.26 1.35 -0.58	36.83 1.56 -11.67	23.25 1.42 -0.11	29.28 1.70 -0.83	54.18 3.55 -0.63	34.17 2.24 0.00	35.21 3.01 0.00	29.29 2.26 -0.60	33.13 2.17 -0.01	32.13 2.14 -0.38	28.41 1.73 -0.62
HOLTSVILLE_IC_8 23697	24.18 1.00 -0.06	22.81 0.93 0.00	24.54 0.92 0.00	23.42 0.94 0.00	24.68 0.95 0.00	23.81 1.11 0.00	32.44 2.02 0.00	34.88 2.13 1.92	30.61 1.56 0.65	35.43 1.43 0.00	31.64 1.36 -0.04	34.28 1.86 -0.21	28.27 1.51 -0.51	26.26 1.35 -0.58	36.83 1.56 -11.67	23.25 1.42 -0.11	29.28 1.70 -0.83	54.18 3.55 -0.63	34.17 2.24 0.00	35.21 3.01 0.00	29.29 2.26 -0.60	33.13 2.17 -0.01	32.13 2.14 -0.38	28.41 1.73 -0.62
HOLTSVILLE_IC_9 23698	24.18 1.00 -0.06	22.81 0.93 0.00	24.54 0.92 0.00	23.42 0.94 0.00	24.68 0.95 0.00	23.81 1.11 0.00	32.44 2.02 0.00	34.88 2.13 1.92	30.61 1.56 0.65	35.43 1.43 0.00	31.64 1.36 -0.04	34.28 1.86 -0.21	28.27 1.51 -0.51	26.26 1.35 -0.58	36.83 1.56 -11.67	23.25 1.42 -0.11	29.28 1.70 -0.83	54.18 3.55 -0.63	34.17 2.24 0.00	35.21 3.01 0.00	29.29 2.26 -0.60	33.13 2.17 -0.01	32.13 2.14 -0.38	28.41 1.73 -0.62
HOMER_HL_115KV_TB2 355744	22.97 -0.15 0.00	21.65 -0.22 0.00	23.74 0.11 0.00	22.62 0.14 0.00	23.87 0.14 0.00	22.65 -0.05 0.00	30.43 0.00 0.00	34.93 0.25 0.00	30.07 0.37 0.00	34.36 0.35 0.00	30.88 0.63 0.00	32.81 0.60 0.00	25.91 -0.33 0.00	24.00 -0.33 0.00	22.91 -0.69 0.00	20.97 -0.75 0.00	25.82 -0.93 0.00	48.09 -1.89 0.00	30.58 -1.35 0.00	31.07 -1.12 0.00	25.71 -0.71 0.00	29.89 -1.06 0.00	29.27 -0.34 0.00	26.14 0.07 0.00
HOWARD_WT_PWR 323690	22.10 -1.07 -0.05	21.19 -0.68 0.00	23.03 -0.59 0.00	21.91 -0.56 0.00	23.39 -0.34 0.00	22.24 -0.53 -0.07	30.54 0.09 -0.02	35.58 0.37 -0.53	34.25 0.37 -4.18	35.14 0.29 -0.85	31.06 0.47 -0.34	32.57 0.00 -0.36	25.20 -1.05 0.00	22.82 -1.50 0.00	21.81 -1.79 0.00	19.67 -2.05 0.00	24.38 -2.37 0.00	45.55 -4.43 0.00	29.54 -2.38 0.00	30.15 -2.04 0.00	25.00 -1.43 0.00	28.95 -2.09 -0.08	28.46 -1.29 -0.14	25.10 -0.97 0.00
HQ_GEN_CEDARS 23644	23.14 0.02 0.00	21.93 0.05 0.00	23.68 0.05 0.00	22.46 -0.02 0.00	23.67 -0.06 0.00	22.56 -0.15 0.00	29.97 -0.46 0.00	34.12 -0.56 0.00	29.16 -0.55 0.00	33.64 -0.36 0.00	29.90 -0.34 0.00	31.82 -0.39 0.00	26.12 -0.12 0.00	24.17 -0.15 0.00	23.39 -0.21 0.00	21.40 -0.31 0.00	26.38 -0.37 0.00	49.57 -0.42 0.00	31.48 -0.44 0.00	31.55 -0.64 0.00	25.92 -0.50 0.00	30.72 -0.23 0.00	29.43 -0.18 0.00	26.02 -0.04 0.00
HQ_GEN_CEDARS_PROXY 323590	23.14 0.03 0.00	21.93 0.05 0.00	23.68 0.05 0.00	22.46 -0.02 0.00	23.67 -0.06 0.00	22.56 -0.15 0.00	29.97 -0.46 0.00	34.12 -0.55 0.00	25.79 -0.55 3.37	35.45 -0.36 -1.81	29.90 -0.34 0.00	31.82 -0.39 0.00	26.12 -0.12 0.00	24.17 -0.15 0.00	23.39 -0.21 0.00	21.41 -0.31 0.00	26.38 -0.37 0.00	49.57 -0.42 0.00	31.48 -0.44 0.00	31.55 -0.65 0.00	23.12 -0.50 2.80	29.61 -0.23 1.11	29.43 -0.18 0.00	26.02 -0.04 0.00

HQ_GEN_IMPORT 323601	23.16 0.05 0.00	21.93 0.06 0.00	23.69 0.07 0.00	22.51 0.03 0.00	23.74 0.01 0.00	22.63 -0.08 0.00	30.08 -0.35 0.00	32.48 -0.43 1.77	18.65 -0.39 10.67	33.81 -0.19 0.00	30.11 -0.14 0.00	32.05 -0.15 0.00	26.21 -0.03 0.00	24.29 -0.03 0.00	23.54 -0.06 0.00	21.61 -0.11 0.00	26.62 -0.13 0.00	50.14 -0.13 -0.28	34.56 -0.26 -2.89	31.76 -0.43 0.00	26.09 -0.33 0.00	32.57 -0.12 -1.73	29.56 -0.05 0.00	26.97 0.02 -0.89
HQ_GEN_WHEEL 23651	23.16 0.05 0.00	21.93 0.06 0.00	23.69 0.07 0.00	22.51 0.03 0.00	23.74 0.01 0.00	22.63 -0.08 0.00	30.08 -0.35 0.00	32.48 -0.43 1.77	18.65 -0.39 10.67	33.81 -0.19 0.00	30.11 -0.14 0.00	32.05 -0.15 0.00	26.21 -0.03 0.00	24.29 -0.03 0.00	23.54 -0.06 0.00	21.61 -0.11 0.00	26.62 -0.13 0.00	50.14 -0.13 -0.28	34.56 -0.26 -2.89	31.76 -0.43 0.00	26.09 -0.33 0.00	32.57 -0.12 -1.73	29.56 -0.05 0.00	26.97 0.02 -0.89
HUDSON AVE_GT_3 23810	24.08 0.97 0.00	22.65 0.78 0.00	24.39 0.77 0.00	23.25 0.78 0.00	24.54 0.81 0.00	23.69 0.98 0.00	32.40 1.97 0.00	87.02 2.32 -50.02	48.35 1.84 -16.81	35.88 1.88 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.48 -0.11	25.64 1.32 0.00	35.90 1.36 -10.94	23.07 1.35 0.00	28.46 1.71 0.00	52.93 2.94 0.00	34.09 2.17 0.00	34.75 2.56 0.00	28.49 2.07 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.30 1.24 0.00
HUDSON AVE_GT_4 23540	24.08 0.97 0.00	22.65 0.78 0.00	24.39 0.77 0.00	23.25 0.78 0.00	24.54 0.81 0.00	23.69 0.98 0.00	32.40 1.97 0.00	87.02 2.32 -50.02	48.35 1.84 -16.81	35.88 1.88 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.48 -0.11	25.64 1.32 0.00	35.90 1.36 -10.94	23.07 1.35 0.00	28.46 1.71 0.00	52.93 2.94 0.00	34.09 2.17 0.00	34.75 2.56 0.00	28.49 2.07 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.30 1.24 0.00
HUDSON AVE_GT_5 23657	24.08 0.97 0.00	22.65 0.78 0.00	24.39 0.77 0.00	23.25 0.78 0.00	24.54 0.81 0.00	23.69 0.98 0.00	32.40 1.97 0.00	87.02 2.32 -50.02	48.35 1.84 -16.81	35.88 1.88 0.00	32.14 1.84 -0.05	34.10 1.89 -0.01	27.83 1.48 -0.11	25.64 1.32 0.00	35.90 1.36 -10.94	23.07 1.35 0.00	28.46 1.71 0.00	52.93 2.94 0.00	34.09 2.17 0.00	34.75 2.56 0.00	28.49 2.07 0.00	32.91 1.96 0.00	31.33 1.72 0.00	27.30 1.24 0.00
HUDSON_AVE_10 24168	24.06 0.94 0.00	22.61 0.74 0.00	24.33 0.71 0.00	23.20 0.72 0.00	24.48 0.75 0.00	23.62 0.92 0.00	32.30 1.87 0.00	86.90 2.20 -50.02	48.18 1.73 -16.76	35.75 1.75 0.00	32.00 1.71 -0.05	33.98 1.76 -0.01	27.74 1.38 -0.11	25.56 1.24 0.00	35.82 1.28 -10.94	22.99 1.27 0.00	28.35 1.60 0.00	52.73 2.75 0.00	33.98 2.06 0.00	34.63 2.43 0.00	28.41 1.98 0.00	32.81 1.87 0.00	31.23 1.62 0.00	27.21 1.15 0.00
HUDSON___115KV_TB 4 355613	23.98 0.86 0.00	22.69 0.82 0.00	24.47 0.85 0.00	23.32 0.85 0.00	24.62 0.89 0.00	23.65 0.94 0.00	32.00 1.57 0.00	36.54 1.86 0.00	31.39 1.69 0.00	35.50 1.50 0.00	31.45 1.20 0.00	33.43 1.22 0.00	27.24 1.00 0.00	25.31 0.98 0.00	24.71 1.10 0.00	22.82 1.10 0.00	28.17 1.42 0.00	52.64 2.66 0.00	33.88 1.96 0.00	34.24 2.04 0.00	28.00 1.58 0.00	32.57 1.63 0.00	30.99 1.38 0.00	27.25 1.18 0.00
HUNTER MOUNT___DRP 323613	24.13 1.02 0.00	22.84 0.97 0.00	24.64 1.02 0.00	23.49 1.01 0.00	24.79 1.06 0.00	23.81 1.11 0.00	32.20 1.77 0.00	36.78 2.10 0.00	31.62 1.92 0.00	35.76 1.76 0.00	31.61 1.36 0.00	33.61 1.40 0.00	27.38 1.14 0.00	25.43 1.11 0.00	24.85 1.24 0.00	22.95 1.24 0.00	28.37 1.62 0.00	53.10 3.11 0.00	34.15 2.23 0.00	34.49 2.29 0.00	28.18 1.75 0.00	32.80 1.85 0.00	31.20 1.59 0.00	27.44 1.38 0.00
HUNTINGTON_RES_REC 323705	24.10 0.92 -0.06	22.67 0.80 0.00	24.40 0.77 0.00	23.28 0.80 0.00	24.53 0.80 0.00	23.64 0.94 0.00	32.24 1.81 0.00	34.72 1.96 1.92	30.49 1.44 0.65	35.28 1.28 0.00	31.58 1.29 -0.04	34.15 1.73 -0.21	28.11 1.35 -0.52	26.14 1.23 -0.59	36.68 1.41 -11.67	23.11 1.28 -0.12	29.16 1.58 -0.83	53.84 3.21 -0.64	34.02 2.09 0.00	34.91 2.72 0.00	29.12 2.08 -0.61	32.93 1.98 -0.01	31.88 1.89 -0.38	28.20 1.51 -0.63
HUNTLEY___63 23557	21.99 -1.12 0.00	20.86 -1.01 0.00	22.92 -0.70 0.00	21.83 -0.65 0.00	23.14 -0.59 0.00	22.02 -0.68 0.00	29.15 -1.28 0.00	33.39 -1.29 0.00	28.96 -0.74 0.00	32.89 -1.11 0.00	29.24 -1.01 0.00	31.05 -1.16 0.00	24.63 -1.61 0.00	22.77 -1.55 0.00	21.81 -1.79 0.00	19.88 -1.84 0.00	24.30 -2.45 0.00	44.98 -5.01 0.00	28.62 -3.30 0.00	28.99 -3.20 0.00	24.08 -2.34 0.00	28.14 -2.81 0.00	27.60 -2.02 0.00	24.81 -1.25 0.00
HUNTLEY___64 23558	21.99 -1.12 0.00	20.86 -1.01 0.00	22.92 -0.70 0.00	21.83 -0.65 0.00	23.14 -0.59 0.00	22.02 -0.68 0.00	29.15 -1.28 0.00	33.39 -1.29 0.00	28.96 -0.74 0.00	32.89 -1.11 0.00	29.24 -1.01 0.00	31.05 -1.16 0.00	24.63 -1.61 0.00	22.77 -1.55 0.00	21.81 -1.79 0.00	19.88 -1.84 0.00	24.30 -2.45 0.00	44.98 -5.01 0.00	28.62 -3.30 0.00	28.99 -3.20 0.00	24.08 -2.34 0.00	28.14 -2.81 0.00	27.60 -2.02 0.00	24.81 -1.25 0.00
HUNTLEY___65 23559	21.99 -1.12 0.00	20.86 -1.01 0.00	22.92 -0.70 0.00	21.83 -0.65 0.00	23.14 -0.59 0.00	22.02 -0.68 0.00	29.15 -1.28 0.00	33.39 -1.29 0.00	28.96 -0.74 0.00	32.89 -1.11 0.00	29.24 -1.01 0.00	31.05 -1.16 0.00	24.63 -1.61 0.00	22.77 -1.55 0.00	21.81 -1.79 0.00	19.88 -1.84 0.00	24.30 -2.45 0.00	44.98 -5.01 0.00	28.62 -3.30 0.00	28.99 -3.20 0.00	24.08 -2.34 0.00	28.14 -2.81 0.00	27.60 -2.02 0.00	24.81 -1.25 0.00
HUNTLEY___66 23560	21.99 -1.12 0.00	20.86 -1.01 0.00	22.92 -0.70 0.00	21.83 -0.65 0.00	23.14 -0.59 0.00	22.02 -0.68 0.00	29.15 -1.28 0.00	33.39 -1.29 0.00	28.96 -0.74 0.00	32.89 -1.11 0.00	29.24 -1.01 0.00	31.05 -1.16 0.00	24.63 -1.61 0.00	22.77 -1.55 0.00	21.81 -1.79 0.00	19.88 -1.84 0.00	24.30 -2.45 0.00	44.98 -5.01 0.00	28.62 -3.30 0.00	28.99 -3.20 0.00	24.08 -2.34 0.00	28.14 -2.81 0.00	27.60 -2.02 0.00	24.81 -1.25 0.00
HUNTLEY___67 23561	21.85 -1.27 0.00	20.72 -1.15 0.00	22.77 -0.86 0.00	21.68 -0.79 0.00	22.98 -0.75 0.00	21.86 -0.85 0.00	28.96 -1.47 0.00	33.18 -1.50 0.00	28.75 -0.95 0.00	32.70 -1.30 0.00	29.08 -1.17 0.00	30.87 -1.34 0.00	24.48 -1.77 0.00	22.63 -1.69 0.00	21.68 -1.92 0.00	19.78 -1.93 0.00	24.19 -2.56 0.00	44.77 -5.21 0.00	28.48 -3.45 0.00	28.82 -3.37 0.00	23.94 -2.48 0.00	27.99 -2.96 0.00	27.43 -2.18 0.00	24.67 -1.40 0.00
HUNTLEY___68 23562	21.85 -1.27 0.00	20.72 -1.15 0.00	22.77 -0.86 0.00	21.68 -0.79 0.00	22.98 -0.75 0.00	21.86 -0.85 0.00	28.96 -1.47 0.00	33.18 -1.50 0.00	28.75 -0.95 0.00	32.70 -1.30 0.00	29.08 -1.17 0.00	30.87 -1.34 0.00	24.48 -1.77 0.00	22.63 -1.69 0.00	21.68 -1.92 0.00	19.78 -1.93 0.00	24.19 -2.56 0.00	44.77 -5.21 0.00	28.48 -3.45 0.00	28.82 -3.37 0.00	23.94 -2.48 0.00	27.99 -2.96 0.00	27.43 -2.18 0.00	24.67 -1.40 0.00

HYLAND___LFGE 323620	23.28 0.14 -0.03	22.03 0.16 0.00	24.02 0.40 0.00	22.89 0.41 0.00	24.32 0.58 0.00	23.31 0.56 -0.04	31.60 1.15 -0.01	36.63 1.63 -0.32	33.69 1.44 -2.55	35.84 1.32 -0.52	31.38 0.92 -0.20	33.34 0.91 -0.22	25.71 -0.53 0.00	23.71 -0.62 0.00	22.62 -0.99 0.00	20.71 -1.00 0.00	25.40 -1.35 0.00	47.74 -2.25 0.00	31.36 -0.56 0.00	32.18 -0.01 0.00	26.71 0.29 0.00	31.02 0.02 -0.05	30.04 0.34 -0.09	26.48 0.41 0.00
INDECK___CORINTH 23802	23.73 0.61 0.00	22.51 0.64 0.00	24.20 0.58 0.00	23.07 0.59 0.00	24.37 0.64 0.00	23.39 0.68 0.00	31.50 1.07 0.00	35.95 1.27 0.00	30.91 1.21 0.00	34.92 0.92 0.00	30.77 0.52 0.00	32.82 0.61 0.00	26.76 0.51 0.00	24.86 0.53 0.00	24.22 0.62 0.00	22.49 0.77 0.00	27.93 1.18 0.00	52.30 2.32 0.00	33.42 1.50 0.00	33.78 1.59 0.00	27.65 1.23 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.85 0.78 0.00
INDECK___ILION 23567	23.05 -0.07 0.00	21.80 -0.07 0.00	23.51 -0.11 0.00	22.41 -0.07 0.00	23.67 -0.06 0.00	22.72 0.02 0.00	30.76 0.33 0.00	35.10 0.42 0.00	30.09 0.38 0.00	34.20 0.19 0.00	30.27 0.02 0.00	32.28 0.08 0.00	26.28 0.04 0.00	24.40 0.08 0.00	23.75 0.14 0.00	21.88 0.16 0.00	27.01 0.26 0.00	50.44 0.45 0.00	32.27 0.35 0.00	32.67 0.47 0.00	26.77 0.35 0.00	31.14 0.20 0.00	29.70 0.09 0.00	26.05 -0.02 0.00
INDECK___OLEAN 23982	22.88 -0.14 0.09	21.66 -0.22 0.00	23.74 0.12 0.00	22.61 0.14 0.00	23.87 0.14 0.00	22.52 -0.05 0.12	30.39 0.00 0.04	33.95 0.25 0.98	22.36 0.38 7.72	32.79 0.36 1.57	30.26 0.63 0.62	32.13 0.58 0.66	25.91 -0.33 0.00	23.99 -0.33 0.00	22.91 -0.69 0.00	20.97 -0.75 0.00	25.81 -0.94 0.00	48.11 -1.88 0.00	30.58 -1.35 0.00	31.08 -1.11 0.00	25.71 -0.72 0.00	29.74 -1.05 0.16	29.00 -0.35 0.26	26.13 0.07 0.00
INDECK___OSWEGO 23783	22.64 -0.48 0.00	21.43 -0.44 0.00	23.15 -0.47 0.00	22.03 -0.44 0.00	23.31 -0.42 0.00	22.31 -0.39 0.00	29.91 -0.52 0.00	34.11 -0.57 0.00	29.24 -0.46 0.00	33.39 -0.61 0.00	29.70 -0.55 0.00	31.62 -0.58 0.00	25.63 -0.61 0.00	23.72 -0.61 0.00	22.97 -0.64 0.00	21.12 -0.59 0.00	25.94 -0.81 0.00	48.46 -1.53 0.00	31.04 -0.89 0.00	31.44 -0.75 0.00	25.84 -0.59 0.00	30.15 -0.80 0.00	28.86 -0.75 0.00	25.40 -0.66 0.00
INDECK___YERKES 23781	21.95 -1.09 0.07	20.89 -0.99 0.00	22.95 -0.67 0.00	21.85 -0.62 0.00	23.16 -0.56 0.00	21.94 -0.66 0.10	29.15 -1.25 0.03	32.64 -1.25 0.79	22.83 -0.70 6.18	31.68 -1.07 1.26	28.78 -0.97 0.50	30.55 -1.14 0.53	24.65 -1.59 0.00	22.80 -1.53 0.00	21.84 -1.77 0.00	19.90 -1.82 0.00	24.31 -2.44 0.00	45.03 -4.96 0.00	28.66 -3.26 0.00	29.03 -3.17 0.00	24.11 -2.31 0.00	28.05 -2.77 0.12	27.41 -1.99 0.21	24.84 -1.23 0.00
INDIAN POINT_GT_1 24139	23.86 0.74 0.00	22.46 0.58 0.00	24.18 0.56 0.00	23.07 0.58 0.00	24.34 0.61 0.00	23.46 0.76 0.00	32.03 1.60 0.00	35.11 1.87 1.44	30.69 1.48 0.48	35.47 1.47 0.00	31.67 1.43 0.00	33.66 1.45 0.00	27.39 1.12 -0.03	25.33 1.00 0.00	36.81 1.05 -12.16	22.75 1.04 0.00	28.09 1.34 0.00	52.38 2.39 0.00	33.73 1.81 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.54 1.59 0.00	30.99 1.38 0.00	27.05 0.99 0.00
INDIAN POINT_GT_2 23659	23.86 0.74 0.00	22.46 0.58 0.00	24.18 0.56 0.00	23.07 0.58 0.00	24.34 0.61 0.00	23.46 0.76 0.00	32.03 1.60 0.00	35.11 1.87 1.44	30.69 1.48 0.48	35.47 1.47 0.00	31.67 1.43 0.00	33.66 1.45 0.00	27.39 1.12 -0.03	25.33 1.00 0.00	36.81 1.05 -12.16	22.75 1.04 0.00	28.09 1.34 0.00	52.38 2.39 0.00	33.73 1.81 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.54 1.59 0.00	30.99 1.38 0.00	27.05 0.99 0.00
INDIAN POINT_GT_3 24019	23.86 0.74 0.00	22.46 0.58 0.00	24.18 0.56 0.00	23.07 0.58 0.00	24.34 0.61 0.00	23.46 0.76 0.00	32.03 1.60 0.00	35.11 1.87 1.44	30.69 1.48 0.48	35.47 1.47 0.00	31.67 1.43 0.00	33.66 1.45 0.00	27.39 1.12 -0.03	25.33 1.00 0.00	36.81 1.05 -12.16	22.75 1.04 0.00	28.09 1.34 0.00	52.38 2.39 0.00	33.73 1.81 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.54 1.59 0.00	30.99 1.38 0.00	27.05 0.99 0.00
INDIAN POINT___2 23530	23.84 0.72 0.00	22.44 0.57 0.00	24.17 0.55 0.00	23.05 0.57 0.00	24.32 0.59 0.00	23.45 0.75 0.00	32.01 1.58 0.00	35.15 1.84 1.37	30.69 1.45 0.46	35.44 1.44 0.00	31.65 1.40 0.00	33.62 1.42 0.00	27.36 1.09 -0.03	25.30 0.98 0.00	39.65 1.01 -15.03	22.72 1.01 0.00	28.05 1.30 0.00	52.29 2.31 0.00	33.67 1.75 0.00	34.31 2.11 0.00	28.12 1.69 0.00	32.50 1.55 0.00	30.96 1.35 0.00	27.03 0.96 0.00
INDIAN POINT___3 23531	23.84 0.72 0.00	22.45 0.57 0.00	24.17 0.55 0.00	23.05 0.57 0.00	24.32 0.59 0.00	23.45 0.75 0.00	32.00 1.57 0.00	35.12 1.83 1.39	30.68 1.45 0.47	35.44 1.44 0.00	31.64 1.40 0.00	33.63 1.42 0.00	27.36 1.09 -0.03	25.30 0.98 0.00	37.00 1.02 -12.37	22.73 1.02 0.00	28.06 1.31 0.00	52.33 2.34 0.00	33.69 1.76 0.00	34.32 2.13 0.00	28.12 1.69 0.00	32.50 1.55 0.00	30.96 1.35 0.00	27.03 0.97 0.00
INGHAM_C_115KV_TB7 356103	22.78 -0.34 0.00	21.55 -0.32 0.00	23.22 -0.40 0.00	22.16 -0.32 0.00	23.41 -0.32 0.00	22.54 -0.17 0.00	30.77 0.34 0.00	35.14 0.46 0.00	30.15 0.45 0.00	34.07 0.07 0.00	29.98 -0.27 0.00	32.05 -0.16 0.00	26.05 -0.19 0.00	24.26 -0.06 0.00	23.69 0.08 0.00	21.83 0.11 0.00	27.00 0.26 0.00	50.44 0.45 0.00	32.25 0.32 0.00	32.76 0.57 0.00	26.81 0.39 0.00	31.04 0.09 0.00	29.47 -0.14 0.00	25.78 -0.28 0.00
IP CORINTH___1 23988	23.73 0.61 0.00	22.52 0.64 0.00	24.20 0.58 0.00	23.07 0.59 0.00	24.37 0.64 0.00	23.39 0.68 0.00	31.50 1.07 0.00	35.95 1.27 0.00	30.91 1.20 0.00	34.92 0.92 0.00	30.77 0.52 0.00	32.82 0.61 0.00	26.76 0.52 0.00	24.86 0.53 0.00	24.22 0.62 0.00	22.49 0.77 0.00	27.93 1.18 0.00	52.30 2.31 0.00	33.42 1.50 0.00	33.78 1.59 0.00	27.65 1.23 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.85 0.78 0.00
IP___TICONDEROGA 23804	24.63 1.51 0.00	23.58 1.71 0.00	25.20 1.58 0.00	24.02 1.55 0.00	25.37 1.64 0.00	24.31 1.61 0.00	32.79 2.36 0.00	37.38 2.70 0.00	32.58 2.88 0.00	36.54 2.54 0.00	31.73 1.49 0.00	33.76 1.55 0.00	27.40 1.15 0.00	25.54 1.22 0.00	24.93 1.33 0.00	23.28 1.57 0.00	29.25 2.50 0.00	54.83 4.84 0.00	34.75 2.82 0.00	35.17 2.98 0.00	28.48 2.06 0.00	33.01 2.06 0.00	31.44 1.83 0.00	27.65 1.58 0.00
ISLIP_RES_REC 323679	24.26 1.08 -0.07	22.88 1.01 0.00	24.61 0.99 0.00	23.49 1.01 0.00	24.76 1.03 0.00	23.90 1.19 0.00	32.57 2.14 0.00	35.03 2.28 1.92	30.74 1.68 0.65	35.55 1.55 0.00	31.77 1.48 -0.04	34.43 2.00 -0.22	28.39 1.60 -0.54	26.37 1.43 -0.61	36.95 1.65 -11.70	23.33 1.50 -0.12	29.41 1.80 -0.87	54.43 3.77 -0.67	34.31 2.39 0.00	35.37 3.17 0.00	29.43 2.37 -0.63	33.27 2.31 -0.01	32.27 2.26 -0.40	28.54 1.83 -0.65

JAMAICA__27_KV_LOAD 355505	24.29 1.18 0.00	22.78 0.90 0.00	24.47 0.85 0.00	23.33 0.85 0.00	24.61 0.88 0.00	23.74 1.04 0.00	32.42 1.99 0.00	87.05 2.35 -50.02	48.26 1.80 -16.76	35.86 1.85 0.00	32.03 1.74 -0.05	34.06 1.85 -0.01	27.82 1.46 -0.11	25.66 1.33 0.00	35.90 1.36 -10.94	23.06 1.34 0.00	28.41 1.67 0.00	52.88 2.89 0.00	34.08 2.15 0.00	34.70 2.51 0.00	28.53 2.11 0.00	32.97 2.02 0.00	31.34 1.73 0.00	27.29 1.23 0.00
JANIS__SOLAR 323808	23.95 0.84 0.00	22.57 0.70 0.00	24.52 0.90 0.00	23.30 0.82 0.00	24.70 0.97 0.00	23.77 1.07 0.00	32.23 1.81 0.00	36.79 2.11 0.00	31.37 1.67 0.00	35.68 1.67 0.00	31.60 1.35 0.00	33.45 1.23 0.00	26.95 0.71 0.00	25.00 0.68 0.00	24.32 0.72 0.00	22.38 0.67 0.00	27.53 0.78 0.00	51.69 1.70 0.00	32.97 1.04 0.00	33.54 1.35 0.00	27.53 1.11 0.00	31.95 1.00 0.00	30.57 0.96 0.00	26.86 0.80 0.00
JARVIS____ 23743	23.13 0.01 0.00	21.88 0.00 0.00	23.61 -0.01 0.00	22.48 0.00 0.00	23.74 0.01 0.00	22.75 0.05 0.00	30.61 0.18 0.00	34.90 0.22 0.00	29.90 0.20 0.00	34.13 0.12 0.00	30.32 0.07 0.00	32.30 0.09 0.00	26.32 0.08 0.00	24.39 0.07 0.00	23.68 0.08 0.00	21.81 0.09 0.00	26.89 0.13 0.00	50.18 0.19 0.00	32.12 0.19 0.00	32.44 0.24 0.00	26.61 0.18 0.00	31.07 0.12 0.00	29.68 0.07 0.00	26.10 0.04 0.00
JENNISON____1 23625	23.90 0.78 0.00	22.37 0.50 0.00	24.43 0.81 0.00	23.11 0.63 0.00	24.54 0.81 0.00	23.68 0.98 0.00	32.15 1.73 0.00	36.69 2.01 0.00	31.24 1.54 0.00	35.68 1.68 0.00	31.64 1.39 0.00	33.65 1.44 0.00	27.08 0.84 0.00	25.17 0.85 0.00	24.31 0.71 0.00	22.23 0.52 0.00	27.28 0.53 0.00	51.57 1.59 0.00	32.70 0.78 0.00	33.18 0.98 0.00	27.20 0.78 0.00	31.52 0.58 0.00	30.15 0.54 0.00	26.59 0.53 0.00
JENNISON____2 23626	23.90 0.78 0.00	22.37 0.50 0.00	24.43 0.81 0.00	23.11 0.63 0.00	24.54 0.81 0.00	23.68 0.98 0.00	32.15 1.73 0.00	36.69 2.01 0.00	31.24 1.54 0.00	35.68 1.68 0.00	31.64 1.39 0.00	33.65 1.44 0.00	27.08 0.84 0.00	25.17 0.85 0.00	24.31 0.71 0.00	22.23 0.52 0.00	27.28 0.53 0.00	51.57 1.59 0.00	32.70 0.78 0.00	33.18 0.98 0.00	27.20 0.78 0.00	31.52 0.58 0.00	30.15 0.54 0.00	26.59 0.53 0.00
JERICOHO_RISE_WT_PWR 323719	23.38 0.27 0.00	22.14 0.26 0.00	24.08 0.45 0.00	22.91 0.42 0.00	24.06 0.33 0.00	22.75 0.05 0.00	30.23 -0.20 0.00	34.14 -0.54 0.00	28.69 -1.02 0.00	32.95 -1.06 0.00	29.31 -0.94 0.00	31.52 -0.69 0.00	25.90 -0.34 0.00	24.15 -0.17 0.00	23.41 -0.20 0.00	21.11 -0.61 0.00	26.03 -0.72 0.00	49.45 -0.54 0.00	30.92 -1.01 0.00	31.26 -0.94 0.00	25.84 -0.58 0.00	30.63 -0.31 0.00	29.01 -0.60 0.00	25.59 -0.47 0.00
KATONAH__115KV_46KV_TB4 355592	23.93 0.82 0.00	22.56 0.68 0.00	24.29 0.67 0.00	23.15 0.67 0.00	24.43 0.70 0.00	23.56 0.86 0.00	32.14 1.71 0.00	36.70 2.02 0.00	31.39 1.68 0.00	35.74 1.74 0.00	31.83 1.59 0.00	33.78 1.57 0.00	27.48 1.23 -0.01	25.45 1.12 0.00	30.38 1.21 -5.56	22.87 1.16 0.00	28.26 1.51 0.00	52.77 2.78 0.00	33.94 2.02 0.00	34.54 2.35 0.00	28.29 1.86 0.00	32.72 1.78 0.00	31.12 1.51 0.00	27.18 1.12 0.00
KCE_NY_1 323755	23.75 0.63 0.00	22.49 0.62 0.00	24.24 0.62 0.00	23.08 0.60 0.00	24.39 0.66 0.00	23.41 0.70 0.00	31.65 1.22 0.00	36.09 1.41 0.00	31.00 1.30 0.00	35.11 1.11 0.00	30.97 0.72 0.00	33.09 0.88 0.00	27.00 0.76 0.00	25.05 0.72 0.00	24.43 0.82 0.00	22.62 0.90 0.00	28.00 1.25 0.00	52.36 2.37 0.00	33.50 1.58 0.00	33.83 1.64 0.00	27.69 1.27 0.00	32.20 1.25 0.00	30.61 1.00 0.00	26.92 0.86 0.00
KCE_NY_6_ESR 323823	22.08 -0.96 0.08	21.00 -0.87 0.00	23.07 -0.55 0.00	21.97 -0.50 0.00	23.30 -0.42 0.00	22.06 -0.53 0.11	29.43 -0.97 0.04	32.87 -0.93 0.87	22.42 -0.43 6.85	31.90 -0.71 1.39	29.08 -0.62 0.55	30.87 -0.76 0.59	24.89 -1.36 0.00	22.96 -1.36 0.00	21.98 -1.63 0.00	20.03 -1.68 0.00	24.49 -2.26 0.00	45.43 -4.55 0.00	28.89 -3.04 0.00	29.28 -2.92 0.00	24.31 -2.11 0.00	28.27 -2.54 0.14	27.57 -1.81 0.23	24.98 -1.08 0.00
KEDC_PORT_JEFF_GT2 24210	24.16 0.99 -0.06	22.79 0.91 0.00	24.52 0.89 0.00	23.40 0.92 0.00	24.66 0.93 0.00	23.78 1.08 0.00	32.42 1.99 0.00	34.84 2.09 1.92	30.59 1.54 0.65	35.41 1.40 0.00	31.63 1.35 -0.04	34.25 1.83 -0.20	28.23 1.48 -0.50	26.23 1.33 -0.57	36.80 1.54 -11.65	23.23 1.40 -0.11	29.25 1.69 -0.81	54.12 3.51 -0.62	34.16 2.23 0.00	35.17 2.98 0.00	29.25 2.24 -0.59	33.11 2.15 -0.01	32.09 2.11 -0.37	28.37 1.70 -0.61
KEDC_PORT_JEFF_GT3 24211	24.16 0.99 -0.06	22.79 0.91 0.00	24.52 0.89 0.00	23.40 0.92 0.00	24.66 0.93 0.00	23.78 1.08 0.00	32.42 1.99 0.00	34.84 2.09 1.92	30.59 1.54 0.65	35.41 1.40 0.00	31.63 1.35 -0.04	34.25 1.83 -0.20	28.23 1.48 -0.50	26.23 1.33 -0.57	36.80 1.54 -11.65	23.23 1.40 -0.11	29.25 1.69 -0.81	54.12 3.51 -0.62	34.16 2.23 0.00	35.17 2.98 0.00	29.25 2.24 -0.59	33.11 2.15 -0.01	32.09 2.11 -0.37	28.37 1.70 -0.61
KEDC_GLWD_GT4 24219	24.50 1.12 -0.26	22.82 0.95 0.00	24.56 0.94 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.85 1.15 0.00	32.59 2.17 0.00	35.18 2.43 1.92	30.73 1.68 0.65	35.56 1.56 0.00	32.05 1.63 -0.17	35.01 1.94 -0.86	29.97 1.70 -2.03	28.24 1.54 -2.38	38.85 1.62 -13.62	23.69 1.52 -0.46	32.08 1.96 -3.38	56.20 3.61 -2.60	34.35 2.43 0.00	34.91 2.72 0.00	31.18 2.36 -2.40	33.28 2.29 -0.05	33.28 2.10 -1.56	30.25 1.64 -2.54
KEDC_GLWD_GT5 24220	24.50 1.12 -0.26	22.82 0.95 0.00	24.56 0.94 0.00	23.42 0.94 0.00	24.70 0.97 0.00	23.85 1.15 0.00	32.59 2.17 0.00	35.18 2.43 1.92	30.73 1.68 0.65	35.56 1.56 0.00	32.05 1.63 -0.17	35.01 1.94 -0.86	29.97 1.70 -2.03	28.24 1.54 -2.38	38.85 1.62 -13.62	23.69 1.52 -0.46	32.08 1.96 -3.38	56.20 3.61 -2.60	34.35 2.43 0.00	34.91 2.72 0.00	31.18 2.36 -2.40	33.28 2.29 -0.05	33.28 2.10 -1.56	30.25 1.64 -2.54
KENSICO____ 23655	23.91 0.80 0.00	22.52 0.64 0.00	24.24 0.62 0.00	23.11 0.63 0.00	24.39 0.66 0.00	23.52 0.81 0.00	32.11 1.68 0.00	34.93 1.97 1.72	30.69 1.57 0.58	35.57 1.57 0.00	31.76 1.52 0.00	33.78 1.56 0.00	27.48 1.22 -0.03	25.42 1.10 0.00	36.15 1.14 -11.41	22.85 1.13 0.00	28.20 1.45 0.00	52.55 2.57 0.00	33.83 1.91 0.00	34.46 2.27 0.00	28.24 1.82 0.00	32.64 1.70 0.00	31.08 1.47 0.00	27.13 1.06 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	23.96 0.84 0.00	22.65 0.78 0.00	24.43 0.81 0.00	23.30 0.82 0.00	24.58 0.86 0.00	23.70 1.00 0.00	32.33 1.90 0.00	36.93 2.25 0.00	31.46 1.76 0.00	35.84 1.84 0.00	31.94 1.69 0.00	33.74 1.53 0.00	27.21 0.97 0.00	25.27 0.94 0.00	24.67 1.07 0.00	22.67 0.95 0.00	27.94 1.19 0.00	52.37 2.38 0.00	33.73 1.80 0.00	34.40 2.20 0.00	28.40 1.98 0.00	32.84 1.89 0.00	31.23 1.62 0.00	27.28 1.21 0.00

KIAC_JFK_GT1 23816	24.21 1.09 0.00	22.70 0.83 0.00	24.40 0.78 0.00	23.26 0.78 0.00	24.54 0.81 0.00	23.66 0.96 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.15 1.69 -16.76	35.73 1.72 0.00	31.94 1.64 -0.05	33.94 1.73 -0.01	27.72 1.37 -0.11	25.56 1.24 0.00	35.82 1.28 -10.94	22.98 1.27 0.00	28.33 1.58 0.00	52.69 2.70 0.00	33.97 2.05 0.00	34.58 2.39 0.00	28.43 2.00 0.00	32.85 1.90 0.00	31.25 1.64 0.00	27.20 1.14 0.00
KIAC_JFK_GT2 23817	24.21 1.09 0.00	22.70 0.83 0.00	24.40 0.78 0.00	23.26 0.78 0.00	24.54 0.81 0.00	23.66 0.96 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.15 1.69 -16.76	35.73 1.72 0.00	31.94 1.64 -0.05	33.94 1.73 -0.01	27.72 1.37 -0.11	25.56 1.24 0.00	35.82 1.28 -10.94	22.98 1.27 0.00	28.33 1.58 0.00	52.69 2.70 0.00	33.97 2.05 0.00	34.58 2.39 0.00	28.43 2.00 0.00	32.85 1.90 0.00	31.25 1.64 0.00	27.20 1.14 0.00
KIAC_JFK____ 323774	24.21 1.09 0.00	22.70 0.83 0.00	24.40 0.78 0.00	23.26 0.78 0.00	24.54 0.81 0.00	23.66 0.96 0.00	32.32 1.89 0.00	86.91 2.21 -50.02	48.15 1.69 -16.76	35.73 1.72 0.00	31.93 1.64 -0.05	33.94 1.73 -0.01	27.72 1.37 -0.11	25.57 1.24 0.00	35.82 1.28 -10.94	22.99 1.27 -0.01	28.33 1.58 0.00	52.69 2.70 0.00	33.97 2.05 0.00	34.59 2.39 0.00	28.43 2.00 0.00	32.85 1.90 0.00	31.25 1.63 0.00	27.20 1.14 0.00
KINTIGH____ 23543	21.83 -1.29 0.00	20.68 -1.19 0.00	22.67 -0.95 0.00	21.58 -0.90 0.00	22.85 -0.88 0.00	21.74 -0.96 0.00	28.89 -1.54 0.00	33.11 -1.56 0.00	28.58 -1.13 0.00	32.52 -1.48 0.00	28.97 -1.28 0.00	30.76 -1.45 0.00	24.53 -1.72 0.00	22.71 -1.61 0.00	21.81 -1.80 0.00	19.94 -1.78 0.00	24.41 -2.34 0.00	45.29 -4.70 0.00	28.83 -3.10 0.00	29.19 -3.01 0.00	24.17 -2.25 0.00	28.23 -2.72 0.00	27.57 -2.04 0.00	24.68 -1.38 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	23.73 0.61 0.00	22.49 0.61 0.00	24.45 0.83 0.00	23.25 0.78 0.00	24.41 0.68 0.00	23.09 0.39 0.00	30.75 0.32 0.00	34.75 0.07 0.00	29.22 -0.49 0.00	33.43 -0.57 0.00	29.75 -0.50 0.00	32.02 -0.19 0.00	26.37 0.13 0.00	24.58 0.26 0.00	23.80 0.19 0.00	21.46 -0.25 0.00	26.44 -0.30 0.00	50.30 0.31 0.00	31.53 -0.40 0.00	31.94 -0.26 0.00	26.36 -0.07 0.00	31.18 0.23 0.00	29.48 -0.13 0.00	26.03 -0.03 0.00
LACHUTE____HYDRO 323717	24.63 1.51 0.00	23.58 1.71 0.00	25.20 1.58 0.00	24.02 1.55 0.00	25.37 1.64 0.00	24.31 1.61 0.00	32.79 2.36 0.00	37.38 2.70 0.00	32.58 2.87 0.00	36.54 2.54 0.00	31.73 1.49 0.00	33.76 1.55 0.00	27.40 1.16 0.00	25.54 1.22 0.00	24.93 1.33 0.00	23.28 1.57 0.00	29.25 2.50 0.00	54.83 4.84 0.00	34.75 2.82 0.00	35.17 2.98 0.00	28.48 2.06 0.00	33.01 2.06 0.00	31.44 1.83 0.00	27.65 1.58 0.00
LAWRNCV_115KV_TB1 80681	22.72 -0.40 0.00	21.52 -0.36 0.00	23.23 -0.39 0.00	22.03 -0.45 0.00	23.23 -0.50 0.00	22.16 -0.55 0.00	29.49 -0.94 0.00	33.60 -1.08 0.00	28.67 -1.03 0.00	33.05 -0.96 0.00	29.33 -0.92 0.00	31.23 -0.97 0.00	25.66 -0.58 0.00	23.69 -0.63 0.00	22.90 -0.71 0.00	20.91 -0.80 0.00	25.77 -0.97 0.00	48.54 -1.44 0.00	30.83 -1.09 0.00	30.94 -1.26 0.00	25.43 -0.99 0.00	30.17 -0.77 0.00	28.83 -0.78 0.00	25.48 -0.59 0.00
LEDERLE____ 23769	23.93 0.81 0.00	22.52 0.65 0.00	24.26 0.64 0.00	23.13 0.65 0.00	24.41 0.68 0.00	23.55 0.84 0.00	32.14 1.71 0.00	35.58 1.99 1.09	30.91 1.57 0.36	35.59 1.59 0.00	31.79 1.54 0.00	33.77 1.56 0.00	27.39 1.18 0.03	25.39 1.06 0.00	13.40 1.09 11.29	22.79 1.07 0.00	28.14 1.39 0.00	52.57 2.58 0.00	33.85 1.92 0.00	34.49 2.30 0.00	28.26 1.84 0.00	32.67 1.73 0.00	31.11 1.49 0.00	27.16 1.09 0.00
LIGHTHSE_115KV_TB6 355974	22.65 -0.46 0.00	21.42 -0.46 0.00	23.09 -0.53 0.00	21.95 -0.52 0.00	23.30 -0.44 0.00	22.38 -0.32 0.00	30.13 -0.30 0.00	34.39 -0.29 0.00	29.50 -0.21 0.00	33.68 -0.32 0.00	29.86 -0.39 0.00	31.86 -0.34 0.00	25.83 -0.41 0.00	23.74 -0.59 0.00	22.91 -0.69 0.00	20.97 -0.75 0.00	25.73 -1.02 0.00	48.15 -1.84 0.00	30.89 -1.04 0.00	31.39 -0.81 0.00	25.84 -0.58 0.00	30.22 -0.73 0.00	28.81 -0.80 0.00	25.33 -0.73 0.00
LINDEN COGEN____ 23786	23.91 0.80 0.00	22.48 0.61 0.00	24.21 0.59 0.00	23.09 0.61 0.00	24.37 0.64 0.00	23.52 0.81 0.00	32.16 1.73 0.00	85.93 2.03 -49.22	47.81 1.57 -16.54	35.57 1.57 0.00	31.87 1.57 -0.05	33.81 1.59 -0.01	27.59 1.24 -0.11	25.41 1.09 0.00	25.80 1.15 -1.05	22.88 1.16 -0.01	28.22 1.48 0.00	52.48 2.49 0.00	33.84 1.91 0.00	34.49 2.30 0.00	28.28 1.86 0.00	32.64 1.70 0.00	31.09 1.48 0.00	27.10 1.04 0.00
LINDHRST_69_KV_BK1 356055	24.47 1.20 -0.15	22.92 1.05 0.00	24.67 1.05 0.00	23.52 1.05 0.00	24.79 1.06 0.00	23.92 1.22 0.00	32.67 2.24 0.00	35.24 2.48 1.92	30.95 1.89 0.65	35.77 1.77 0.00	32.11 1.77 -0.09	34.88 2.19 -0.48	29.12 1.73 -1.15	27.19 1.53 -1.34	37.71 1.64 -12.47	23.50 1.53 -0.25	30.57 1.93 -1.89	55.25 3.82 -1.45	34.46 2.54 0.00	35.34 3.14 0.00	30.22 2.45 -1.34	33.38 2.41 -0.03	32.76 2.27 -0.88	29.29 1.80 -1.42
LIPA_MISC_IPP 23656	23.94 0.76 -0.06	22.64 0.77 0.00	24.36 0.74 0.00	23.27 0.79 0.00	24.52 0.79 0.00	23.67 0.96 0.00	32.22 1.79 0.00	34.51 1.76 1.92	30.28 1.23 0.65	35.06 1.06 0.00	31.26 0.98 -0.04	33.90 1.50 -0.20	27.97 1.25 -0.49	26.00 1.13 -0.55	36.60 1.36 -11.63	23.08 1.26 -0.11	29.01 1.48 -0.78	53.74 3.16 -0.60	33.84 1.92 0.00	35.00 2.81 0.00	29.02 2.03 -0.57	32.86 1.91 -0.01	31.93 1.96 -0.36	28.23 1.58 -0.59
LISF____SOLAR 323691	23.97 0.79 -0.06	22.68 0.80 0.00	24.40 0.78 0.00	23.30 0.83 0.00	24.57 0.83 0.00	23.70 1.00 0.00	32.26 1.84 0.00	34.56 1.81 1.92	30.31 1.26 0.65	35.09 1.09 0.00	31.26 0.98 -0.04	33.92 1.51 -0.20	28.00 1.27 -0.49	26.02 1.14 -0.56	36.63 1.39 -11.64	23.11 1.28 -0.11	29.04 1.51 -0.79	53.85 3.26 -0.60	33.89 1.97 0.00	35.08 2.88 0.00	29.08 2.08 -0.58	32.92 1.96 -0.01	31.99 2.01 -0.36	28.29 1.63 -0.59
LITTLE FALLS____HYD 24013	22.78 -0.34 0.00	21.55 -0.32 0.00	23.22 -0.40 0.00	22.16 -0.32 0.00	23.41 -0.32 0.00	22.54 -0.17 0.00	30.77 0.34 0.00	35.14 0.46 0.00	30.15 0.45 0.00	34.07 0.07 0.00	29.98 -0.27 0.00	32.05 -0.16 0.00	26.05 -0.19 0.00	24.26 -0.06 0.00	23.69 0.08 0.00	21.83 0.11 0.00	27.00 0.26 0.00	50.44 0.45 0.00	32.25 0.32 0.00	32.76 0.57 0.00	26.81 0.39 0.00	31.04 0.09 0.00	29.47 -0.14 0.00	25.78 -0.28 0.00
LITTLRIV_115KV_TB1 356100	23.03 -0.08 0.00	21.80 -0.07 0.00	23.54 -0.08 0.00	22.32 -0.16 0.00	23.55 -0.18 0.00	22.47 -0.23 0.00	29.93 -0.50 0.00	34.12 -0.56 0.00	29.10 -0.60 0.00	33.58 -0.42 0.00	29.82 -0.43 0.00	31.66 -0.55 0.00	25.99 -0.25 0.00	23.96 -0.37 0.00	23.13 -0.48 0.00	21.13 -0.59 0.00	26.06 -0.69 0.00	49.24 -0.74 0.00	31.28 -0.65 0.00	31.42 -0.77 0.00	25.83 -0.60 0.00	30.65 -0.30 0.00	29.28 -0.33 0.00	25.87 -0.20 0.00

LI_NEWBRDGE___DRP 323616	24.02 0.90 0.00	22.63 0.76 0.00	24.35 0.73 0.00	23.22 0.74 0.00	24.48 0.75 0.00	23.61 0.91 0.00	32.24 1.81 0.00	34.78 2.03 1.92	30.58 1.52 0.65	35.43 1.43 0.00	31.73 1.49 0.00	33.97 1.76 0.00	27.66 1.39 -0.02	25.58 1.26 0.00	36.11 1.35 -11.16	23.02 1.27 -0.03	28.37 1.62 0.00	53.02 3.03 0.00	33.98 2.05 0.00	34.74 2.55 0.00	28.62 2.02 -0.17	32.87 1.92 0.00	31.38 1.77 0.00	27.43 1.37 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.78 -1.33 0.00	20.65 -1.22 0.00	22.69 -0.93 0.00	21.63 -0.85 0.00	22.91 -0.82 0.00	21.80 -0.90 0.00	28.84 -1.59 0.00	33.08 -1.60 0.00	28.65 -1.05 0.00	32.55 -1.45 0.00	28.94 -1.31 0.00	30.73 -1.48 0.00	24.39 -1.85 0.00	22.54 -1.78 0.00	21.60 -2.01 0.00	19.70 -2.02 0.00	24.06 -2.70 0.00	44.54 -5.45 0.00	28.38 -3.54 0.00	28.73 -3.46 0.00	23.87 -2.55 0.00	27.89 -3.06 0.00	27.36 -2.25 0.00	24.64 -1.42 0.00
LOCKPORT___CC1 323769	21.70 -1.35 0.06	20.63 -1.24 0.00	22.68 -0.94 0.00	21.61 -0.86 0.00	22.89 -0.84 0.00	21.69 -0.92 0.09	28.78 -1.61 0.03	32.33 -1.63 0.72	23.00 -1.07 5.63	31.39 -1.47 1.14	28.47 -1.32 0.45	30.22 -1.51 0.48	24.36 -1.88 0.00	22.52 -1.80 0.00	21.58 -2.02 0.00	19.68 -2.04 0.00	24.03 -2.72 0.00	44.50 -5.48 0.00	28.34 -3.58 0.00	28.68 -3.51 0.00	23.82 -2.60 0.00	27.73 -3.10 0.11	27.13 -2.30 0.19	24.60 -1.46 0.00
LOCKPORT___CC2 323770	21.70 -1.35 0.06	20.63 -1.24 0.00	22.68 -0.94 0.00	21.61 -0.86 0.00	22.89 -0.84 0.00	21.69 -0.92 0.09	28.78 -1.61 0.03	32.33 -1.63 0.72	23.00 -1.07 5.63	31.39 -1.47 1.14	28.47 -1.32 0.45	30.22 -1.51 0.48	24.36 -1.88 0.00	22.52 -1.80 0.00	21.58 -2.02 0.00	19.68 -2.04 0.00	24.03 -2.72 0.00	44.50 -5.48 0.00	28.34 -3.58 0.00	28.68 -3.51 0.00	23.82 -2.60 0.00	27.73 -3.10 0.11	27.13 -2.30 0.19	24.60 -1.46 0.00
LOCKPORT___CC3 323771	21.70 -1.35 0.06	20.63 -1.24 0.00	22.68 -0.94 0.00	21.61 -0.86 0.00	22.89 -0.84 0.00	21.69 -0.92 0.09	28.78 -1.61 0.03	32.33 -1.63 0.72	23.00 -1.07 5.63	31.39 -1.47 1.14	28.47 -1.32 0.45	30.22 -1.51 0.48	24.36 -1.88 0.00	22.52 -1.80 0.00	21.58 -2.02 0.00	19.68 -2.04 0.00	24.03 -2.72 0.00	44.50 -5.48 0.00	28.34 -3.58 0.00	28.68 -3.51 0.00	23.82 -2.60 0.00	27.73 -3.10 0.11	27.13 -2.30 0.19	24.60 -1.46 0.00
LONG_LAKE_PHOENIX 24014	22.70 -0.42 0.00	21.49 -0.38 0.00	23.24 -0.38 0.00	22.12 -0.36 0.00	23.40 -0.34 0.00	22.40 -0.31 0.00	30.03 -0.40 0.00	34.25 -0.43 0.00	29.34 -0.37 0.00	33.48 -0.52 0.00	29.80 -0.45 0.00	31.74 -0.47 0.00	25.70 -0.54 0.00	23.82 -0.50 0.00	23.06 -0.54 0.00	21.21 -0.50 0.00	26.05 -0.70 0.00	48.69 -1.30 0.00	31.18 -0.74 0.00	31.60 -0.59 0.00	25.97 -0.46 0.00	30.27 -0.68 0.00	28.98 -0.63 0.00	25.52 -0.55 0.00
LOVETT___3 23632	23.82 0.70 0.00	22.43 0.55 0.00	24.15 0.53 0.00	23.04 0.56 0.00	24.32 0.58 0.00	23.44 0.74 0.00	31.99 1.56 0.00	35.36 1.81 1.12	30.75 1.42 0.38	35.41 1.41 0.00	31.62 1.37 0.00	33.59 1.38 0.00	27.25 1.04 0.03	25.26 0.93 0.00	12.93 0.97 11.65	22.68 0.96 0.00	28.00 1.26 0.00	52.36 2.37 0.00	33.71 1.78 0.00	34.35 2.16 0.00	28.14 1.72 0.00	32.53 1.59 0.00	30.99 1.38 0.00	27.05 0.98 0.00
LOVETT___4 23642	23.82 0.70 0.00	22.43 0.55 0.00	24.15 0.53 0.00	23.04 0.56 0.00	24.32 0.58 0.00	23.44 0.74 0.00	31.99 1.56 0.00	35.36 1.81 1.12	30.75 1.42 0.38	35.41 1.41 0.00	31.62 1.37 0.00	33.59 1.38 0.00	27.25 1.04 0.03	25.26 0.93 0.00	12.93 0.97 11.65	22.68 0.96 0.00	28.00 1.26 0.00	52.36 2.37 0.00	33.71 1.78 0.00	34.35 2.16 0.00	28.14 1.72 0.00	32.53 1.59 0.00	30.99 1.38 0.00	27.05 0.98 0.00
LOVETT___5 23593	23.82 0.70 0.00	22.43 0.55 0.00	24.15 0.53 0.00	23.04 0.56 0.00	24.32 0.58 0.00	23.44 0.74 0.00	31.99 1.56 0.00	35.36 1.81 1.12	30.75 1.42 0.38	35.41 1.41 0.00	31.62 1.37 0.00	33.59 1.38 0.00	27.25 1.04 0.03	25.26 0.93 0.00	12.93 0.97 11.65	22.68 0.96 0.00	28.00 1.26 0.00	52.36 2.37 0.00	33.71 1.78 0.00	34.35 2.16 0.00	28.14 1.72 0.00	32.53 1.59 0.00	30.99 1.38 0.00	27.05 0.98 0.00
LOWER RAQUET___HYD 24057	22.59 -0.53 0.00	21.39 -0.49 0.00	23.08 -0.54 0.00	21.89 -0.59 0.00	23.09 -0.64 0.00	22.03 -0.68 0.00	29.33 -1.10 0.00	33.42 -1.26 0.00	28.50 -1.20 0.00	32.85 -1.15 0.00	29.15 -1.10 0.00	31.05 -1.16 0.00	25.52 -0.72 0.00	23.54 -0.78 0.00	22.74 -0.87 0.00	20.74 -0.97 0.00	25.58 -1.17 0.00	48.21 -1.78 0.00	30.63 -1.30 0.00	30.75 -1.45 0.00	25.27 -1.15 0.00	30.00 -0.95 0.00	28.64 -0.97 0.00	25.30 -0.77 0.00
LOWER___HUDSON 24059	23.44 0.32 0.00	22.21 0.34 0.00	23.94 0.32 0.00	22.82 0.34 0.00	24.08 0.35 0.00	23.12 0.42 0.00	31.22 0.79 0.00	35.60 0.92 0.00	30.56 0.86 0.00	34.69 0.68 0.00	30.69 0.44 0.00	32.78 0.57 0.00	26.81 0.56 0.00	24.85 0.53 0.00	24.23 0.63 0.00	22.42 0.71 0.00	27.70 0.94 0.00	51.61 1.63 0.00	33.07 1.15 0.00	33.38 1.18 0.00	27.30 0.88 0.00	31.76 0.82 0.00	30.21 0.61 0.00	26.61 0.54 0.00
LOWVILLE_115KV_TB2 356335	22.81 -0.30 0.00	21.49 -0.38 0.00	23.09 -0.53 0.00	21.91 -0.57 0.00	23.31 -0.42 0.00	22.53 -0.17 0.00	30.58 0.16 0.00	35.03 0.35 0.00	30.02 0.32 0.00	34.13 0.12 0.00	29.91 -0.34 0.00	32.09 -0.12 0.00	26.34 0.09 0.00	23.94 -0.38 0.00	22.98 -0.62 0.00	20.81 -0.90 0.00	25.54 -1.21 0.00	47.83 -2.15 0.00	30.89 -1.03 0.00	31.35 -0.84 0.00	25.78 -0.65 0.00	30.43 -0.52 0.00	28.78 -0.83 0.00	25.23 -0.83 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	23.75 0.63 0.00	22.50 0.63 0.00	24.24 0.62 0.00	23.09 0.61 0.00	24.39 0.66 0.00	23.41 0.71 0.00	31.62 1.19 0.00	36.07 1.39 0.00	30.97 1.27 0.00	35.10 1.09 0.00	30.98 0.73 0.00	33.07 0.86 0.00	27.00 0.75 0.00	25.04 0.71 0.00	24.40 0.80 0.00	22.61 0.89 0.00	27.98 1.23 0.00	52.30 2.32 0.00	33.47 1.54 0.00	33.81 1.61 0.00	27.67 1.25 0.00	32.17 1.23 0.00	30.61 1.00 0.00	26.91 0.84 0.00
LUTHERNY_35_KV_BK2 355980	23.75 0.63 0.00	22.49 0.62 0.00	24.24 0.62 0.00	23.08 0.60 0.00	24.39 0.66 0.00	23.41 0.71 0.00	31.65 1.22 0.00	36.09 1.41 0.00	31.00 1.30 0.00	35.11 1.11 0.00	30.97 0.72 0.00	33.09 0.88 0.00	27.00 0.76 0.00	25.05 0.72 0.00	24.43 0.82 0.00	22.62 0.90 0.00	28.00 1.25 0.00	52.36 2.37 0.00	33.51 1.58 0.00	33.83 1.64 0.00	27.70 1.27 0.00	32.20 1.25 0.00	30.61 1.00 0.00	26.92 0.86 0.00
LWR___OSWEGATCHIE_HYD 23850	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.90 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.21 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.57 0.00	30.68 -1.52 0.00	25.22 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.95 -1.12 0.00

LYONS_FALL_HYD 23570	23.12 0.00 0.00	21.80 -0.07 0.00	23.47 -0.15 0.00	22.31 -0.16 0.00	23.67 -0.06 0.00	22.81 0.11 0.00	30.91 0.48 0.00	35.35 0.67 0.00	30.29 0.59 0.00	34.45 0.44 0.00	30.36 0.11 0.00	32.48 0.27 0.00	26.57 0.32 0.00	24.32 -0.01 0.00	23.48 -0.12 0.00	21.40 -0.32 0.00	26.32 -0.43 0.00	49.22 -0.77 0.00	31.68 -0.24 0.00	32.11 -0.08 0.00	26.38 -0.04 0.00	30.98 0.03 0.00	29.41 -0.20 0.00	25.78 -0.28 0.00
MADISON___COUNTY_LFGE 323628	23.59 0.47 0.00	22.28 0.41 0.00	24.10 0.47 0.00	22.93 0.45 0.00	24.25 0.52 0.00	23.29 0.58 0.00	31.49 1.06 0.00	35.98 1.30 0.00	30.78 1.08 0.00	34.94 0.93 0.00	31.06 0.82 0.00	33.10 0.89 0.00	26.96 0.71 0.00	24.90 0.58 0.00	24.22 0.62 0.00	22.24 0.53 0.00	27.38 0.63 0.00	51.12 1.13 0.00	32.82 0.89 0.00	33.22 1.03 0.00	27.28 0.85 0.00	31.80 0.85 0.00	30.32 0.71 0.00	26.58 0.52 0.00
MALONE___115KV_TB1 356076	23.49 0.38 0.00	22.24 0.37 0.00	24.15 0.52 0.00	22.95 0.47 0.00	24.13 0.40 0.00	22.89 0.18 0.00	30.49 0.05 0.00	34.52 -0.15 0.00	29.11 -0.59 0.00	33.44 -0.56 0.00	29.70 -0.55 0.00	31.85 -0.36 0.00	26.15 -0.09 0.00	24.30 -0.03 0.00	23.49 -0.11 0.00	21.27 -0.45 0.00	26.26 -0.49 0.00	49.86 -0.13 0.00	31.34 -0.59 0.00	31.66 -0.54 0.00	26.14 -0.29 0.00	30.98 0.03 0.00	29.37 -0.24 0.00	25.90 -0.17 0.00
MAPLEWOD_115KV_TB3 80458	23.59 0.47 0.00	22.34 0.47 0.00	24.08 0.46 0.00	22.95 0.48 0.00	24.22 0.49 0.00	23.26 0.55 0.00	31.43 1.00 0.00	35.84 1.16 0.00	30.73 1.03 0.00	34.90 0.90 0.00	30.91 0.66 0.00	32.98 0.77 0.00	26.97 0.73 0.00	25.00 0.67 0.00	24.37 0.76 0.00	22.54 0.82 0.00	27.81 1.06 0.00	51.86 1.88 0.00	33.26 1.34 0.00	33.58 1.38 0.00	27.48 1.05 0.00	31.96 1.02 0.00	30.43 0.82 0.00	26.76 0.70 0.00
MAPLE_RIDGE_WT_1 323574	22.81 -0.30 0.00	21.57 -0.30 0.00	23.30 -0.32 0.00	22.12 -0.36 0.00	23.38 -0.35 0.00	22.39 -0.31 0.00	30.01 -0.42 0.00	34.26 -0.41 0.00	29.31 -0.39 0.00	33.37 -0.63 0.00	29.36 -0.89 0.00	31.51 -0.70 0.00	26.01 -0.23 0.00	24.06 -0.27 0.00	23.12 -0.48 0.00	21.04 -0.67 0.00	25.86 -0.89 0.00	48.36 -1.62 0.00	30.98 -0.94 0.00	31.16 -1.04 0.00	25.68 -0.74 0.00	30.30 -0.65 0.00	29.01 -0.60 0.00	25.53 -0.53 0.00
MAPLE_RIDGE_WT_2 323611	22.81 -0.30 0.00	21.57 -0.30 0.00	23.30 -0.32 0.00	22.12 -0.36 0.00	23.38 -0.35 0.00	22.39 -0.31 0.00	30.01 -0.42 0.00	34.26 -0.41 0.00	29.31 -0.39 0.00	33.37 -0.63 0.00	29.36 -0.89 0.00	31.51 -0.70 0.00	26.01 -0.23 0.00	24.06 -0.27 0.00	23.12 -0.48 0.00	21.04 -0.67 0.00	25.86 -0.89 0.00	48.36 -1.62 0.00	30.98 -0.94 0.00	31.16 -1.04 0.00	25.68 -0.74 0.00	30.30 -0.65 0.00	29.01 -0.60 0.00	25.53 -0.53 0.00
MARBLE_RIVER_WT_PWR 323696	23.40 0.29 0.00	22.16 0.28 0.00	24.11 0.49 0.00	22.93 0.46 0.00	24.09 0.36 0.00	22.79 0.09 0.00	30.30 -0.13 0.00	34.22 -0.46 0.00	28.70 -1.00 0.00	32.92 -1.08 0.00	29.30 -0.95 0.00	31.53 -0.68 0.00	25.94 -0.30 0.00	24.16 -0.16 0.00	23.42 -0.18 0.00	21.12 -0.60 0.00	26.03 -0.72 0.00	49.44 -0.55 0.00	30.91 -1.02 0.00	31.29 -0.90 0.00	25.88 -0.55 0.00	30.64 -0.31 0.00	28.98 -0.63 0.00	25.57 -0.49 0.00
MARSHVLE_115KV_TB1 80742	24.45 1.34 0.00	23.12 1.24 0.00	24.96 1.35 0.00	23.75 1.27 0.00	25.08 1.35 0.00	24.04 1.34 0.00	32.32 1.90 0.00	36.96 2.28 0.00	31.60 1.90 0.00	36.22 2.21 0.00	31.95 1.70 0.00	33.97 1.76 0.00	27.66 1.42 0.00	25.59 1.27 0.00	24.74 1.13 0.00	22.63 0.91 0.00	27.95 1.20 0.00	52.55 2.56 0.00	33.55 1.62 0.00	33.88 1.68 0.00	27.89 1.47 0.00	32.61 1.67 0.00	31.25 1.64 0.00	27.42 1.35 0.00
MARSH_HILL_WT_PWR 323713	22.06 -1.10 -0.04	21.19 -0.69 0.00	23.01 -0.61 0.00	21.89 -0.59 0.00	23.36 -0.37 0.00	22.23 -0.54 -0.06	30.52 0.07 -0.02	35.50 0.34 -0.48	33.79 0.33 -3.76	35.02 0.25 -0.76	31.00 0.44 -0.30	32.50 -0.03 -0.32	25.18 -1.06 0.00	22.82 -1.51 0.00	21.81 -1.80 0.00	19.69 -2.03 0.00	24.40 -2.35 0.00	45.61 -4.37 0.00	29.58 -2.34 0.00	30.21 -1.99 0.00	25.02 -1.40 0.00	28.97 -2.05 -0.07	28.46 -1.28 -0.13	25.11 -0.95 0.00
MCINTYRE_115KV_TB2 80467	23.37 0.25 0.00	22.14 0.26 0.00	23.90 0.28 0.00	22.65 0.17 0.00	23.90 0.17 0.00	22.79 0.09 0.00	30.34 -0.09 0.00	34.59 -0.08 0.00	29.52 -0.19 0.00	34.07 0.07 0.00	30.27 0.02 0.00	32.04 -0.17 0.00	26.31 0.07 0.00	24.22 -0.10 0.00	23.39 -0.21 0.00	21.43 -0.28 0.00	26.41 -0.34 0.00	49.98 0.00 0.00	31.72 -0.20 0.00	31.89 -0.30 0.00	26.21 -0.21 0.00	31.10 0.15 0.00	29.75 0.14 0.00	26.30 0.23 0.00
MECO___69_KV_BK1 80468	25.25 2.14 0.00	23.85 1.98 0.00	25.72 2.10 0.00	24.49 2.01 0.00	25.89 2.16 0.00	24.89 2.19 0.00	33.80 3.37 0.00	38.69 4.01 0.00	33.06 3.35 0.00	37.56 3.55 0.00	32.82 2.57 0.00	34.91 2.70 0.00	28.42 2.18 0.00	26.31 1.99 0.00	25.54 1.94 0.00	23.65 1.94 0.00	29.41 2.66 0.00	55.47 5.48 0.00	35.28 3.36 0.00	35.79 3.59 0.00	29.40 2.98 0.00	34.22 3.27 0.00	32.66 3.05 0.00	28.59 2.53 0.00
MENANDS___115KV_TB5 355628	23.55 0.43 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.45 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.77 1.09 0.00	30.67 0.97 0.00	34.84 0.83 0.00	30.88 0.63 0.00	32.95 0.74 0.00	26.94 0.70 0.00	24.97 0.65 0.00	24.34 0.74 0.00	22.51 0.80 0.00	27.77 1.02 0.00	51.77 1.78 0.00	33.20 1.28 0.00	33.51 1.32 0.00	27.42 1.00 0.00	31.90 0.96 0.00	30.37 0.76 0.00	26.73 0.66 0.00
MG INDUSTRY___DRP 24185	23.58 0.47 0.00	22.33 0.46 0.00	24.09 0.47 0.00	22.95 0.48 0.00	24.23 0.49 0.00	23.24 0.54 0.00	31.37 0.94 0.00	35.74 1.06 0.00	30.63 0.93 0.00	34.77 0.77 0.00	30.85 0.60 0.00	32.82 0.61 0.00	26.82 0.57 0.00	24.90 0.58 0.00	24.25 0.65 0.00	22.40 0.68 0.00	27.62 0.87 0.00	51.56 1.58 0.00	33.07 1.14 0.00	33.40 1.20 0.00	27.33 0.91 0.00	31.84 0.89 0.00	30.35 0.74 0.00	26.70 0.64 0.00
MID___OSWEGATCHIE_HYD 23849	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.90 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.21 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.57 0.00	30.68 -1.52 0.00	25.22 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.95 -1.12 0.00
MID___RAQUETTE_HYD 23851	22.59 -0.53 0.00	21.39 -0.49 0.00	23.08 -0.54 0.00	21.89 -0.59 0.00	23.09 -0.64 0.00	22.03 -0.68 0.00	29.33 -1.10 0.00	33.42 -1.26 0.00	28.50 -1.20 0.00	32.85 -1.15 0.00	29.15 -1.10 0.00	31.04 -1.17 0.00	25.52 -0.72 0.00	23.54 -0.78 0.00	22.74 -0.87 0.00	20.74 -0.97 0.00	25.58 -1.17 0.00	48.21 -1.78 0.00	30.63 -1.30 0.00	30.75 -1.45 0.00	25.27 -1.15 0.00	30.00 -0.95 0.00	28.64 -0.97 0.00	25.30 -0.77 0.00

MILLIKEN___1 23584	23.34 0.23 0.00	22.08 0.21 0.00	23.89 0.27 0.00	22.76 0.28 0.00	24.09 0.36 0.00	23.12 0.41 0.00	31.20 0.77 0.00	35.58 0.90 0.00	30.40 0.70 0.00	34.68 0.68 0.00	30.86 0.61 0.00	32.77 0.56 0.00	26.48 0.24 0.00	24.57 0.24 0.00	23.82 0.22 0.00	21.88 0.16 0.00	26.90 0.16 0.00	50.39 0.40 0.00	32.25 0.33 0.00	32.76 0.57 0.00	26.90 0.47 0.00	31.32 0.37 0.00	30.02 0.41 0.00	26.34 0.27 0.00
MILLIKEN___2 23585	23.34 0.23 0.00	22.08 0.21 0.00	23.89 0.27 0.00	22.76 0.28 0.00	24.09 0.36 0.00	23.12 0.41 0.00	31.20 0.77 0.00	35.58 0.90 0.00	30.40 0.70 0.00	34.68 0.68 0.00	30.86 0.61 0.00	32.77 0.56 0.00	26.48 0.24 0.00	24.57 0.24 0.00	23.82 0.22 0.00	21.88 0.16 0.00	26.90 0.16 0.00	50.39 0.40 0.00	32.25 0.33 0.00	32.76 0.57 0.00	26.90 0.47 0.00	31.32 0.37 0.00	30.02 0.41 0.00	26.34 0.27 0.00
MILLIKEN___DIESEL 23629	23.34 0.23 0.00	22.08 0.21 0.00	23.89 0.27 0.00	22.76 0.28 0.00	24.09 0.36 0.00	23.12 0.41 0.00	31.20 0.77 0.00	35.58 0.90 0.00	30.40 0.70 0.00	34.68 0.68 0.00	30.86 0.61 0.00	32.77 0.56 0.00	26.48 0.24 0.00	24.57 0.24 0.00	23.82 0.22 0.00	21.88 0.16 0.00	26.90 0.16 0.00	50.39 0.40 0.00	32.25 0.33 0.00	32.76 0.57 0.00	26.90 0.47 0.00	31.32 0.37 0.00	30.02 0.41 0.00	26.34 0.27 0.00
MILLSEAT___LFGE 323607	22.19 -0.86 0.06	21.06 -0.81 0.00	23.12 -0.50 0.00	22.02 -0.45 0.00	23.34 -0.39 0.00	22.17 -0.45 0.08	29.52 -0.88 0.03	33.30 -0.73 0.64	24.32 -0.32 5.06	32.34 -0.64 1.03	29.26 -0.58 0.41	31.09 -0.69 0.43	25.04 -1.20 0.00	23.13 -1.19 0.00	22.16 -1.44 0.00	20.23 -1.48 0.00	24.68 -2.07 0.00	45.88 -4.11 0.00	29.31 -2.62 0.00	29.72 -2.47 0.00	24.66 -1.77 0.00	28.65 -2.19 0.10	27.93 -1.51 0.17	25.20 -0.86 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	23.88 0.76 0.00	22.48 0.61 0.00	24.21 0.59 0.00	23.09 0.61 0.00	24.36 0.63 0.00	23.48 0.78 0.00	32.05 1.63 0.00	35.11 1.90 1.47	30.72 1.51 0.49	35.50 1.50 0.00	31.70 1.46 0.00	33.70 1.49 0.00	27.42 1.15 -0.03	25.36 1.04 0.00	36.44 1.08 -11.76	22.79 1.07 0.00	28.13 1.39 0.00	52.44 2.46 0.00	33.76 1.84 0.00	34.40 2.20 0.00	28.18 1.76 0.00	32.57 1.63 0.00	31.02 1.41 0.00	27.08 1.02 0.00
MILLWOOD_13_KV_LOAD 356217	23.94 0.82 0.00	22.54 0.66 0.00	24.26 0.64 0.00	23.13 0.65 0.00	24.41 0.68 0.00	23.54 0.84 0.00	32.14 1.71 0.00	35.21 2.00 1.47	30.80 1.60 0.49	35.60 1.60 0.00	31.80 1.55 0.00	33.80 1.59 0.00	27.50 1.23 -0.03	25.43 1.10 0.00	36.51 1.15 -11.76	22.85 1.14 0.00	28.21 1.46 0.00	52.60 2.61 0.00	33.86 1.94 0.00	34.49 2.30 0.00	28.26 1.84 0.00	32.66 1.72 0.00	31.10 1.49 0.00	27.15 1.08 0.00
MODEL_CITY_ENERGY 24167	21.46 -1.59 0.07	20.41 -1.46 0.00	22.43 -1.19 0.00	21.38 -1.10 0.00	22.64 -1.09 0.00	21.45 -1.16 0.09	28.44 -1.96 0.03	31.89 -2.04 0.75	22.38 -1.44 5.88	30.92 -1.89 1.19	28.07 -1.71 0.47	29.78 -1.92 0.50	24.04 -2.20 0.00	22.24 -2.08 0.00	21.32 -2.28 0.00	19.45 -2.26 0.00	23.75 -3.00 0.00	43.96 -6.03 0.00	27.99 -3.93 0.00	28.31 -3.88 0.00	23.53 -2.90 0.00	27.38 -3.45 0.12	26.79 -2.62 0.20	24.34 -1.72 0.00
MODERN_LFGE___ 323580	21.46 -1.59 0.07	20.41 -1.46 0.00	22.43 -1.19 0.00	21.38 -1.10 0.00	22.64 -1.09 0.00	21.45 -1.16 0.09	28.44 -1.96 0.03	31.89 -2.04 0.75	22.38 -1.44 5.88	30.92 -1.89 1.19	28.07 -1.71 0.47	29.78 -1.92 0.50	24.04 -2.20 0.00	22.24 -2.08 0.00	21.32 -2.28 0.00	19.45 -2.26 0.00	23.75 -3.00 0.00	43.96 -6.03 0.00	27.99 -3.93 0.00	28.31 -3.88 0.00	23.53 -2.90 0.00	27.38 -3.45 0.12	26.79 -2.62 0.20	24.34 -1.72 0.00
MOHAWK_PAPER___DRP 24187	23.59 0.47 0.00	22.34 0.47 0.00	24.08 0.46 0.00	22.95 0.48 0.00	24.22 0.49 0.00	23.26 0.55 0.00	31.43 1.00 0.00	35.84 1.16 0.00	30.73 1.03 0.00	34.90 0.90 0.00	30.91 0.66 0.00	32.98 0.77 0.00	26.97 0.73 0.00	25.00 0.67 0.00	24.37 0.76 0.00	22.54 0.82 0.00	27.81 1.06 0.00	51.86 1.88 0.00	33.26 1.34 0.00	33.58 1.38 0.00	27.48 1.05 0.00	31.96 1.02 0.00	30.43 0.82 0.00	26.76 0.70 0.00
MOHICAN___35_KV_115KV_LD 80490	23.84 0.72 0.00	22.63 0.76 0.00	24.32 0.70 0.00	23.18 0.70 0.00	24.49 0.76 0.00	23.49 0.79 0.00	31.66 1.23 0.00	36.12 1.44 0.00	31.17 1.47 0.00	35.22 1.22 0.00	30.93 0.68 0.00	32.98 0.77 0.00	26.88 0.64 0.00	24.96 0.64 0.00	24.33 0.72 0.00	22.61 0.89 0.00	28.09 1.34 0.00	52.58 2.59 0.00	33.60 1.67 0.00	33.96 1.77 0.00	27.76 1.34 0.00	32.24 1.30 0.00	30.68 1.06 0.00	26.96 0.90 0.00
MONGAUP___HYD 23641	23.79 0.68 0.00	22.41 0.54 0.00	24.15 0.52 0.00	23.02 0.54 0.00	24.30 0.56 0.00	23.40 0.70 0.00	31.88 1.45 0.00	36.38 1.70 0.00	30.98 1.28 0.00	35.32 1.32 0.00	31.43 1.18 0.00	33.31 1.10 0.00	27.12 0.89 0.02	25.11 0.79 0.00	18.07 0.79 6.32	22.60 0.89 0.00	27.91 1.16 0.00	51.99 2.01 0.00	33.57 1.64 0.00	34.18 1.98 0.00	28.02 1.59 0.00	32.43 1.49 0.00	30.86 1.26 0.00	26.99 0.92 0.00
MONTAUK___DIESEL 23721	24.43 1.25 -0.06	23.14 1.27 0.00	24.92 1.30 0.00	23.82 1.34 0.00	25.12 1.39 0.00	24.27 1.57 0.00	33.08 2.64 0.00	35.42 2.67 1.92	31.01 1.96 0.65	35.82 1.82 0.00	31.84 1.55 -0.04	34.52 2.11 -0.20	28.43 1.70 -0.49	26.42 1.54 -0.55	37.10 1.86 -11.63	23.55 1.73 -0.11	29.64 2.11 -0.78	54.89 4.30 -0.60	34.61 2.69 0.00	35.96 3.77 0.00	29.73 2.73 -0.57	33.68 2.72 -0.01	32.74 2.76 -0.36	28.93 2.27 -0.59
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.60 -0.51 0.00	21.25 -0.63 0.00	23.52 -0.10 0.00	22.50 0.02 0.00	23.78 0.05 0.00	22.72 0.02 0.00	30.29 -0.14 0.00	34.34 -0.34 0.00	29.96 0.26 0.00	34.11 0.11 0.00	30.33 0.08 0.00	31.95 -0.26 0.00	25.10 -1.14 0.00	23.02 -1.31 0.00	21.83 -1.78 0.00	19.84 -1.88 0.00	24.26 -2.49 0.00	44.98 -5.00 0.00	28.74 -3.19 0.00	29.18 -3.01 0.00	24.39 -2.04 0.00	28.45 -2.49 0.00	27.80 -1.81 0.00	25.42 -0.64 0.00
MORTIMER_115KV_TB3 55949	22.43 -0.69 0.00	21.24 -0.63 0.00	23.17 -0.45 0.00	22.06 -0.42 0.00	23.36 -0.37 0.00	22.29 -0.41 0.00	29.76 -0.67 0.00	34.12 -0.56 0.00	29.37 -0.33 0.00	33.47 -0.53 0.00	29.80 -0.44 0.00	31.70 -0.51 0.00	25.38 -0.86 0.00	23.49 -0.84 0.00	22.60 -1.00 0.00	20.70 -1.02 0.00	25.35 -1.40 0.00	47.23 -2.75 0.00	30.18 -1.75 0.00	30.58 -1.61 0.00	25.25 -1.17 0.00	29.44 -1.51 0.00	28.53 -1.08 0.00	25.37 -0.69 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	24.02 0.91 0.00	22.60 0.73 0.00	24.35 0.72 0.00	23.21 0.73 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.30 1.87 0.00	85.43 2.20 -48.55	47.76 1.75 -16.31	35.77 1.77 0.00	32.02 1.73 -0.04	33.99 1.77 -0.01	27.74 1.39 -0.11	25.57 1.24 0.00	35.81 1.29 -10.92	22.99 1.27 0.00	28.37 1.62 0.00	52.77 2.79 0.00	34.00 2.07 0.00	34.65 2.45 0.00	28.40 1.98 0.00	32.81 1.86 0.00	31.25 1.64 0.00	27.24 1.17 0.00

MUNSVILLE_WIND_PWR 323609	24.68 1.55 -0.01	23.17 1.29 0.00	25.23 1.61 0.00	23.92 1.44 0.00	25.42 1.69 0.00	24.56 1.84 -0.02	33.46 3.03 -0.01	38.35 3.54 -0.14	33.58 2.80 -1.08	37.13 2.91 -0.22	32.64 2.31 -0.09	34.54 2.24 -0.09	27.78 1.54 0.00	25.92 1.60 0.00	24.95 1.35 0.00	22.93 1.22 0.00	28.22 1.47 0.00	53.26 3.27 0.00	33.80 1.87 0.00	34.38 2.19 0.00	28.17 1.75 0.00	32.58 1.61 -0.02	31.13 1.48 -0.04	27.34 1.28 0.00
N SALMON___HYD 24042	23.49 0.38 0.00	22.24 0.37 0.00	24.15 0.52 0.00	22.95 0.47 0.00	24.13 0.40 0.00	22.89 0.19 0.00	30.49 0.05 0.00	34.52 -0.16 0.00	29.11 -0.59 0.00	33.44 -0.56 0.00	29.70 -0.55 0.00	31.86 -0.35 0.00	26.15 -0.09 0.00	24.30 -0.03 0.00	23.49 -0.11 0.00	21.27 -0.45 0.00	26.26 -0.49 0.00	49.86 -0.13 0.00	31.34 -0.59 0.00	31.66 -0.54 0.00	26.14 -0.28 0.00	30.98 0.03 0.00	29.37 -0.24 0.00	25.90 -0.17 0.00
N.AKRON___115KV_KNAPP 355671	22.24 -0.88 0.00	21.06 -0.81 0.00	23.11 -0.51 0.00	22.02 -0.46 0.00	23.34 -0.39 0.00	22.25 -0.46 0.00	29.54 -0.89 0.00	33.92 -0.76 0.00	29.36 -0.34 0.00	33.36 -0.64 0.00	29.66 -0.58 0.00	31.51 -0.69 0.00	25.03 -1.22 0.00	23.12 -1.20 0.00	22.14 -1.46 0.00	20.21 -1.50 0.00	24.66 -2.09 0.00	45.82 -4.16 0.00	29.28 -2.65 0.00	29.68 -2.52 0.00	24.62 -1.80 0.00	28.72 -2.23 0.00	28.08 -1.53 0.00	25.19 -0.88 0.00
N.BELMOR_69_KV_BK1 55787	24.54 1.09 -0.34	22.80 0.93 0.00	24.53 0.91 0.00	23.39 0.91 0.00	24.66 0.93 0.00	23.81 1.10 0.00	32.52 2.09 0.00	35.11 2.35 1.92	30.81 1.75 0.65	35.62 1.61 0.00	32.19 1.72 -0.22	35.35 2.02 -1.11	30.46 1.60 -2.62	28.83 1.43 -3.08	39.45 1.54 -14.31	23.72 1.44 -0.57	32.96 1.85 -4.37	56.84 3.49 -3.36	34.29 2.37 0.00	35.07 2.88 0.00	31.75 2.32 -3.01	33.24 2.24 -0.06	33.69 2.05 -2.03	30.95 1.60 -3.29
N.E_GEN_SANDY PD 24062	23.24 0.24 0.12	22.24 0.26 -0.10	23.83 0.21 0.00	22.73 0.26 0.00	23.96 0.23 0.00	23.01 0.31 0.00	31.20 0.78 0.00	33.72 0.90 1.86	23.71 0.83 6.82	30.47 0.67 4.21	30.75 0.50 0.00	32.79 0.58 0.00	27.22 0.58 -0.40	24.86 0.54 0.00	26.14 0.64 -1.89	22.43 0.71 0.00	27.71 0.96 0.00	50.28 1.67 1.38	36.92 1.25 -3.74	32.55 1.35 1.00	27.42 1.00 0.00	35.12 0.86 -3.31	30.06 0.61 0.15	27.43 0.48 -0.89
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	23.86 0.74 0.00	22.46 0.58 0.00	24.19 0.57 0.00	23.07 0.59 0.00	24.35 0.62 0.00	23.48 0.78 0.00	32.04 1.61 0.00	35.43 1.86 1.11	30.79 1.47 0.37	35.47 1.47 0.00	31.68 1.43 0.00	33.65 1.44 0.00	27.30 1.09 0.03	25.30 0.98 0.00	13.11 1.01 11.50	22.71 1.00 0.00	28.05 1.30 0.00	52.37 2.39 0.00	33.72 1.80 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.55 1.61 0.00	31.00 1.39 0.00	27.07 1.00 0.00
N.QUEENS_27_KV_LOAD 356247	24.02 0.91 0.00	22.59 0.71 0.00	24.24 0.62 0.01	23.11 0.64 0.01	24.41 0.68 0.00	23.58 0.89 0.00	32.19 1.77 0.01	86.06 2.16 -49.21	48.01 1.77 -16.54	35.72 1.72 0.00	32.03 1.73 -0.04	33.98 1.76 -0.01	27.76 1.41 -0.11	25.56 1.23 0.00	35.81 1.28 -10.93	22.99 1.27 0.00	28.36 1.62 0.00	52.67 2.68 0.00	33.95 2.03 0.00	34.58 2.39 0.00	28.38 1.95 0.00	32.75 1.81 0.00	31.18 1.57 0.00	27.18 1.12 0.00
N.TROY___115KV_TB1 355778	23.44 0.32 0.00	22.21 0.34 0.00	23.94 0.32 0.00	22.82 0.34 0.00	24.08 0.35 0.00	23.12 0.42 0.00	31.22 0.79 0.00	35.60 0.92 0.00	30.56 0.86 0.00	34.69 0.68 0.00	30.69 0.44 0.00	32.78 0.57 0.00	26.81 0.56 0.00	24.85 0.53 0.00	24.23 0.63 0.00	22.42 0.71 0.00	27.70 0.95 0.00	51.61 1.63 0.00	33.07 1.15 0.00	33.38 1.19 0.00	27.30 0.88 0.00	31.76 0.82 0.00	30.21 0.60 0.00	26.61 0.54 0.00
NARROWS_GT1_1 24228	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_2 24229	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_3 24230	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_4 24231	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_5 24232	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_6 24233	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT1_7 24234	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00

NARROWS_GT1_8 24235	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_1 24236	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_2 24237	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_3 24238	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_4 24239	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_5 24240	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_6 24241	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_7 24242	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NARROWS_GT2_8 24243	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	24.13 1.02 0.00	22.84 0.97 0.00	24.64 1.02 0.00	23.49 1.01 0.00	24.79 1.06 0.00	23.81 1.11 0.00	32.20 1.77 0.00	36.78 2.10 0.00	31.62 1.92 0.00	35.76 1.76 0.00	31.61 1.36 0.00	33.61 1.40 0.00	27.38 1.14 0.00	25.43 1.11 0.00	24.85 1.24 0.00	22.95 1.24 0.00	28.37 1.62 0.00	53.10 3.11 0.00	34.15 2.23 0.00	34.49 2.29 0.00	28.18 1.75 0.00	32.80 1.85 0.00	31.20 1.59 0.00	27.44 1.38 0.00
NCHELSEA_115KV_TR2 355582	23.90 0.79 0.00	22.54 0.67 0.00	24.27 0.65 0.00	23.15 0.67 0.00	24.42 0.69 0.00	23.53 0.82 0.00	32.06 1.63 0.00	36.59 1.91 0.00	31.25 1.55 0.00	35.56 1.56 0.00	31.68 1.43 0.00	33.63 1.42 0.00	27.38 1.14 0.00	25.39 1.07 0.00	24.73 1.13 0.00	22.83 1.12 0.00	28.18 1.44 0.00	52.70 2.72 0.00	33.89 1.97 0.00	34.46 2.26 0.00	28.22 1.80 0.00	32.65 1.71 0.00	31.06 1.45 0.00	27.15 1.08 0.00
NEG CAPITAL___MECHNVIL 23645	23.72 0.61 0.00	22.47 0.60 0.00	24.21 0.59 0.00	23.07 0.59 0.00	24.36 0.63 0.00	23.39 0.68 0.00	31.62 1.18 0.00	36.06 1.38 0.00	30.96 1.26 0.00	35.09 1.09 0.00	30.98 0.73 0.00	33.07 0.86 0.00	27.02 0.77 0.00	25.06 0.73 0.00	24.42 0.82 0.00	22.62 0.91 0.00	28.01 1.26 0.00	52.31 2.33 0.00	33.49 1.56 0.00	33.83 1.64 0.00	27.68 1.26 0.00	32.18 1.23 0.00	30.61 1.00 0.00	26.88 0.82 0.00
NEG CENTRAL_HIGH_ACRES 23767	22.11 -0.98 0.02	20.96 -0.92 0.00	22.82 -0.80 0.00	21.72 -0.76 0.00	23.01 -0.72 0.00	21.95 -0.72 0.03	29.41 -1.00 0.01	33.44 -0.98 0.26	26.92 -0.75 2.03	32.58 -1.01 0.41	29.22 -0.86 0.16	31.11 -0.93 0.17	25.14 -1.10 0.00	23.26 -1.06 0.00	22.40 -1.20 0.00	20.52 -1.20 0.00	25.17 -1.58 0.00	46.95 -3.03 0.00	30.00 -1.92 0.00	30.44 -1.76 0.00	25.09 -1.34 0.00	29.20 -1.71 0.04	28.17 -1.37 0.07	25.03 -1.03 0.00
NEG CENTRAL___DRP 24199	22.84 -0.28 0.00	21.64 -0.23 0.00	23.46 -0.16 0.00	22.35 -0.13 0.00	23.69 -0.04 0.00	22.69 -0.01 0.00	30.59 0.15 0.00	34.89 0.21 0.00	29.89 0.18 0.00	34.10 0.10 0.00	30.41 0.16 0.00	32.30 0.08 0.00	26.01 -0.24 0.00	24.06 -0.26 0.00	23.22 -0.39 0.00	21.22 -0.50 0.00	26.15 -0.60 0.00	48.77 -1.21 0.00	31.36 -0.57 0.00	31.82 -0.37 0.00	26.23 -0.19 0.00	30.49 -0.45 0.00	29.33 -0.28 0.00	25.82 -0.24 0.00
NEG CENTRAL___INDECK 23768	23.01 -0.14 -0.03	21.80 -0.07 0.00	23.78 0.16 0.00	22.66 0.18 0.00	24.06 0.33 0.00	23.04 0.29 -0.04	31.17 0.73 -0.01	36.10 1.10 -0.33	33.31 1.03 -2.57	35.48 0.95 -0.52	31.16 0.70 -0.21	33.13 0.70 -0.22	25.81 -0.43 0.00	23.81 -0.51 0.00	22.73 -0.88 0.00	20.81 -0.90 0.00	25.52 -1.23 0.00	47.96 -2.02 0.00	31.11 -0.81 0.00	31.75 -0.44 0.00	26.30 -0.13 0.00	30.55 -0.45 -0.05	29.61 -0.09 -0.09	26.13 0.07 0.00

NEG CENTRAL___SENECA 23627	22.75 -0.37 0.00	21.57 -0.30 0.00	23.44 -0.18 0.00	22.31 -0.17 0.00	23.66 -0.07 0.00	22.68 -0.03 0.00	30.64 0.21 0.00	34.94 0.26 0.00	29.95 0.25 0.00	34.17 0.17 0.00	30.50 0.25 0.00	32.35 0.14 0.00	25.97 -0.27 0.00	24.00 -0.32 0.00	23.11 -0.49 0.00	21.07 -0.65 0.00	26.01 -0.74 0.00	48.39 -1.59 0.00	31.25 -0.68 0.00	31.70 -0.50 0.00	26.20 -0.22 0.00	30.38 -0.56 0.00	29.30 -0.31 0.00	25.82 -0.25 0.00
NEG CENTRAL___STATE_STREET 24147	23.15 0.03 0.00	21.93 0.06 0.00	23.67 0.05 0.00	22.60 0.12 0.00	23.94 0.21 0.00	22.91 0.21 0.00	30.82 0.39 0.00	35.17 0.49 0.00	30.06 0.36 0.00	34.30 0.30 0.00	30.51 0.26 0.00	32.49 0.28 0.00	26.27 0.04 0.00	24.33 0.01 0.00	23.56 -0.04 0.00	21.55 -0.16 0.00	26.51 -0.24 0.00	49.74 -0.24 0.00	31.78 -0.14 0.00	32.29 0.10 0.00	26.48 0.05 0.00	30.92 -0.03 0.00	29.69 0.08 0.00	26.01 -0.05 0.00
NEG MILLWOOD___DRP 24198	24.00 0.88 0.00	22.63 0.76 0.00	24.36 0.74 0.00	23.22 0.75 0.00	24.51 0.78 0.00	23.63 0.93 0.00	32.23 1.81 0.00	36.80 2.12 0.00	31.49 1.79 0.00	35.86 1.86 0.00	31.91 1.66 0.00	33.84 1.63 0.00	27.55 1.30 -0.01	25.53 1.20 0.00	27.39 1.29 -2.50	22.94 1.23 0.00	28.35 1.60 0.00	53.01 3.03 0.00	34.07 2.15 0.00	34.66 2.46 0.00	28.39 1.96 0.00	32.84 1.89 0.00	31.22 1.61 0.00	27.28 1.22 0.00
NEG NORTH_FLCN_SEA 23793	23.66 0.54 0.00	22.42 0.55 0.00	24.39 0.77 0.00	23.20 0.72 0.00	24.35 0.62 0.00	23.01 0.31 0.00	30.60 0.17 0.00	34.52 -0.16 0.00	28.98 -0.72 0.00	33.15 -0.85 0.00	29.53 -0.72 0.00	31.89 -0.32 0.00	26.28 0.04 0.00	24.49 0.17 0.00	23.73 0.12 0.00	21.40 -0.31 0.00	26.34 -0.41 0.00	50.07 0.08 0.00	31.35 -0.57 0.00	31.77 -0.42 0.00	26.22 -0.21 0.00	31.03 0.08 0.00	29.34 -0.27 0.00	25.94 -0.13 0.00
NEG NORTH_KES_CHATEGAY 23792	23.46 0.34 0.00	22.23 0.35 0.00	24.17 0.55 0.00	22.98 0.50 0.00	24.13 0.40 0.00	22.83 0.13 0.00	30.36 -0.07 0.00	34.29 -0.39 0.00	28.81 -0.89 0.00	33.08 -0.93 0.00	29.41 -0.84 0.00	31.60 -0.61 0.00	25.96 -0.28 0.00	24.23 -0.10 0.00	23.44 -0.17 0.00	21.16 -0.56 0.00	26.12 -0.63 0.00	49.65 -0.33 0.00	31.05 -0.88 0.00	31.41 -0.79 0.00	25.96 -0.47 0.00	30.79 -0.16 0.00	29.14 -0.47 0.00	25.71 -0.35 0.00
NEG NORTH___ALICE_FALLS 23915	23.73 0.61 0.00	22.49 0.61 0.00	24.45 0.83 0.00	23.25 0.78 0.00	24.41 0.68 0.00	23.09 0.39 0.00	30.75 0.32 0.00	34.75 0.07 0.00	29.22 -0.49 0.00	33.43 -0.57 0.00	29.75 -0.50 0.00	32.02 -0.19 0.00	26.37 0.13 0.00	24.58 0.26 0.00	23.80 0.19 0.00	21.46 -0.25 0.00	26.44 -0.30 0.00	50.30 0.31 0.00	31.53 -0.40 0.00	31.94 -0.26 0.00	26.36 -0.07 0.00	31.18 0.23 0.00	29.48 -0.13 0.00	26.03 -0.03 0.00
NEG NORTH___LWR_SARANAC 23913	23.73 0.61 0.00	22.49 0.61 0.00	24.45 0.83 0.00	23.25 0.78 0.00	24.41 0.68 0.00	23.09 0.39 0.00	30.75 0.32 0.00	34.75 0.07 0.00	29.22 -0.49 0.00	33.43 -0.57 0.00	29.75 -0.50 0.00	32.02 -0.19 0.00	26.37 0.13 0.00	24.58 0.26 0.00	23.80 0.19 0.00	21.46 -0.25 0.00	26.44 -0.30 0.00	50.30 0.31 0.00	31.53 -0.40 0.00	31.94 -0.26 0.00	26.36 -0.07 0.00	31.18 0.23 0.00	29.48 -0.13 0.00	26.03 -0.03 0.00
NEG NORTH___PLATTSBURG 23628	23.73 0.61 0.00	22.48 0.61 0.00	24.45 0.83 0.00	23.26 0.78 0.00	24.41 0.68 0.00	23.09 0.39 0.00	30.75 0.32 0.00	34.75 0.08 0.00	29.22 -0.49 0.00	33.43 -0.57 0.00	29.75 -0.50 0.00	32.03 -0.18 0.00	26.37 0.13 0.00	24.58 0.26 0.00	23.80 0.19 0.00	21.46 -0.25 0.00	26.44 -0.30 0.00	50.30 0.31 0.00	31.53 -0.40 0.00	31.94 -0.26 0.00	26.36 -0.07 0.00	31.18 0.23 0.00	29.48 -0.13 0.00	26.03 -0.03 0.00
NEG WEST_LEA_LOCKPORT 23791	21.76 -1.35 0.00	20.63 -1.24 0.00	22.68 -0.94 0.00	21.61 -0.86 0.00	22.90 -0.84 0.00	21.78 -0.92 0.00	28.81 -1.62 0.00	33.05 -1.63 0.00	28.63 -1.07 0.00	32.52 -1.48 0.00	28.92 -1.33 0.00	30.71 -1.50 0.00	24.36 -1.88 0.00	22.53 -1.80 0.00	21.58 -2.03 0.00	19.68 -2.04 0.00	24.03 -2.72 0.00	44.49 -5.50 0.00	28.34 -3.59 0.00	28.68 -3.52 0.00	23.82 -2.60 0.00	27.85 -3.10 0.00	27.32 -2.29 0.00	24.60 -1.46 0.00
NEG WEST___LANCASTER 23811	22.70 -0.42 0.00	21.50 -0.37 0.00	23.58 -0.04 0.00	22.45 -0.02 0.00	23.78 0.05 0.00	22.63 -0.07 0.00	30.14 -0.29 0.00	34.54 -0.14 0.00	29.89 0.19 0.00	34.08 0.08 0.00	30.43 0.18 0.00	32.35 0.14 0.00	25.57 -0.67 0.00	23.66 -0.66 0.00	22.67 -0.94 0.00	20.72 -1.00 0.00	25.38 -1.37 0.00	47.12 -2.87 0.00	29.97 -1.95 0.00	30.36 -1.84 0.00	25.17 -1.26 0.00	29.37 -1.58 0.00	28.73 -0.88 0.00	25.71 -0.36 0.00
NEG_PENN_ALLEGHNY 23528	22.93 -0.21 -0.02	21.66 -0.21 0.00	23.48 -0.14 0.00	22.34 -0.14 0.00	23.63 -0.10 0.00	22.69 -0.04 -0.03	30.67 0.23 -0.01	35.13 0.22 -0.23	31.69 0.17 -1.82	34.51 0.13 -0.37	30.59 0.20 -0.15	32.50 0.13 -0.15	26.02 -0.22 0.00	24.15 -0.18 0.00	23.35 -0.25 0.00	21.47 -0.25 0.00	26.44 -0.31 0.00	49.42 -0.57 0.00	31.65 -0.27 0.00	32.17 -0.03 0.00	26.44 0.01 0.00	30.77 -0.22 -0.04	29.58 -0.09 -0.06	25.91 -0.15 0.00
NEG___GEN_MONROE 24207	22.56 -0.55 0.00	21.35 -0.52 0.00	23.32 -0.30 0.00	22.21 -0.27 0.00	23.54 -0.19 0.00	22.48 -0.23 0.00	30.01 -0.42 0.00	34.37 -0.31 0.00	29.61 -0.09 0.00	33.72 -0.28 0.00	30.00 -0.25 0.00	31.92 -0.29 0.00	25.53 -0.71 0.00	23.60 -0.73 0.00	22.68 -0.93 0.00	20.77 -0.95 0.00	25.40 -1.35 0.00	47.32 -2.66 0.00	30.26 -1.66 0.00	30.70 -1.50 0.00	25.37 -1.06 0.00	29.57 -1.38 0.00	28.69 -0.92 0.00	25.54 -0.52 0.00
NEPA___ENERGY 23901	22.27 -0.84 0.00	21.07 -0.81 0.00	23.16 -0.46 0.00	22.11 -0.37 0.00	23.44 -0.29 0.00	22.32 -0.38 0.00	29.65 -0.78 0.00	33.89 -0.79 0.00	29.45 -0.25 0.00	33.49 -0.51 0.00	29.79 -0.46 0.00	31.56 -0.65 0.00	24.93 -1.31 0.00	22.97 -1.35 0.00	21.93 -1.67 0.00	19.97 -1.74 0.00	24.41 -2.34 0.00	45.25 -4.73 0.00	28.82 -3.11 0.00	29.24 -2.96 0.00	24.33 -2.10 0.00	28.40 -2.55 0.00	27.78 -1.83 0.00	25.01 -1.05 0.00
NEVERSink___HYD 23608	23.88 0.76 0.00	22.76 0.88 0.00	24.61 0.99 0.00	23.48 1.00 0.00	24.79 1.06 0.00	23.90 1.20 0.00	32.57 2.14 0.00	37.15 2.48 0.00	31.63 1.93 0.00	36.12 2.12 0.00	32.22 1.98 0.00	33.62 1.41 0.00	26.60 0.36 0.00	24.70 0.37 0.00	23.02 0.49 1.06	22.13 0.42 0.00	27.27 0.52 0.00	51.20 1.22 0.00	32.94 1.02 0.00	33.63 1.43 0.00	28.25 1.82 0.00	32.65 1.71 0.00	31.07 1.46 0.00	27.17 1.11 0.00
NEWKRMKL_115KV_TB1 55635	23.64 0.52 0.00	22.38 0.51 0.00	24.13 0.51 0.00	23.00 0.52 0.00	24.27 0.54 0.00	23.30 0.60 0.00	31.50 1.07 0.00	35.91 1.24 0.00	30.79 1.09 0.00	34.99 0.98 0.00	31.03 0.78 0.00	33.09 0.88 0.00	27.03 0.79 0.00	25.07 0.75 0.00	24.43 0.82 0.00	22.59 0.88 0.00	27.86 1.11 0.00	51.96 1.98 0.00	33.33 1.41 0.00	33.65 1.46 0.00	27.53 1.11 0.00	32.03 1.09 0.00	30.50 0.89 0.00	26.83 0.76 0.00

NEWTON___FALLS_HYD 23847	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.90 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.21 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.57 0.00	30.68 -1.52 0.00	25.22 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.95 -1.12 0.00
NGRID_A1_DSASP 323792	21.46 -1.59 0.07	20.43 -1.45 0.00	22.46 -1.16 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.44 -1.17 0.10	28.37 -2.02 0.03	31.69 -2.21 0.78	22.03 -1.51 6.16	30.67 -2.09 1.25	27.86 -1.89 0.49	29.57 -2.11 0.53	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.37 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.77 -6.21 0.00	27.81 -4.11 0.00	28.12 -4.07 0.00	23.36 -3.07 0.00	27.20 -3.62 0.12	26.63 -2.77 0.21	24.19 -1.87 0.00
NGRID_A2_DSASP 323793	21.46 -1.59 0.07	20.43 -1.45 0.00	22.46 -1.16 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.44 -1.17 0.10	28.37 -2.02 0.03	31.69 -2.21 0.78	22.03 -1.51 6.16	30.67 -2.09 1.25	27.86 -1.89 0.49	29.57 -2.11 0.53	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.37 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.77 -6.21 0.00	27.81 -4.11 0.00	28.12 -4.07 0.00	23.36 -3.07 0.00	27.20 -3.62 0.12	26.63 -2.77 0.21	24.19 -1.87 0.00
NGRID_A4_DSASP 323807	21.46 -1.59 0.07	20.43 -1.45 0.00	22.46 -1.16 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.44 -1.17 0.10	28.37 -2.02 0.03	31.69 -2.21 0.78	22.03 -1.51 6.16	30.67 -2.09 1.25	27.86 -1.89 0.49	29.57 -2.11 0.53	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.37 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.77 -6.21 0.00	27.81 -4.11 0.00	28.12 -4.07 0.00	23.36 -3.07 0.00	27.20 -3.62 0.12	26.63 -2.77 0.21	24.19 -1.87 0.00
NIAGARA_115E_LBMP 323715	21.31 -1.74 0.07	20.27 -1.60 0.00	22.28 -1.34 0.00	21.25 -1.23 0.00	22.50 -1.24 0.00	21.30 -1.30 0.10	28.22 -2.18 0.03	31.61 -2.30 0.77	21.98 -1.67 6.05	30.62 -2.15 1.23	27.82 -1.94 0.49	29.52 -2.17 0.52	23.84 -2.40 0.00	22.07 -2.26 0.00	21.16 -2.44 0.00	19.31 -2.41 0.00	23.57 -3.18 0.00	43.61 -6.38 0.00	27.76 -4.16 0.00	28.06 -4.14 0.00	23.32 -3.10 0.00	27.15 -3.68 0.12	26.59 -2.82 0.20	24.18 -1.89 0.00
NIAGARA_115W_LBMP 323714	21.43 -1.62 0.07	20.39 -1.48 0.00	22.42 -1.20 0.00	21.35 -1.12 0.00	22.62 -1.11 0.00	21.40 -1.20 0.10	28.32 -2.08 0.03	31.61 -2.28 0.78	21.98 -1.57 6.15	30.59 -2.16 1.25	27.80 -1.95 0.49	29.50 -2.18 0.53	23.85 -2.40 0.00	22.09 -2.23 0.00	21.19 -2.42 0.00	19.34 -2.38 0.00	23.62 -3.13 0.00	43.68 -6.31 0.00	27.76 -4.17 0.00	28.06 -4.13 0.00	23.31 -3.11 0.00	27.14 -3.68 0.12	26.58 -2.82 0.21	24.15 -1.92 0.00
NIAGARA_230_LBMP 323716	21.49 -1.55 0.07	20.45 -1.42 0.00	22.48 -1.14 0.00	21.40 -1.08 0.00	22.67 -1.06 0.00	21.45 -1.15 0.10	28.47 -1.92 0.03	31.92 -1.97 0.78	22.17 -1.41 6.13	30.91 -1.85 1.25	28.11 -1.65 0.49	29.84 -1.85 0.52	24.11 -2.13 0.00	22.33 -1.99 0.00	21.42 -2.18 0.00	19.56 -2.16 0.00	23.92 -2.83 0.00	44.25 -5.74 0.00	28.12 -3.80 0.00	28.45 -3.75 0.00	23.61 -2.81 0.00	27.49 -3.34 0.12	26.89 -2.52 0.21	24.38 -1.69 0.00
NIAGARA___115KV_198_GIBSON 55903	21.49 -1.62 0.00	20.39 -1.48 0.00	22.42 -1.20 0.00	21.35 -1.13 0.00	22.62 -1.11 0.00	21.50 -1.20 0.00	28.35 -2.08 0.00	32.39 -2.28 0.00	28.12 -1.58 0.00	31.84 -2.16 0.00	28.30 -1.95 0.00	30.04 -2.17 0.00	23.85 -2.39 0.00	22.09 -2.23 0.00	21.19 -2.42 0.00	19.34 -2.38 0.00	23.63 -3.12 0.00	43.66 -6.32 0.00	27.76 -4.17 0.00	28.06 -4.14 0.00	23.32 -3.11 0.00	27.27 -3.68 0.00	26.79 -2.82 0.00	24.15 -1.92 0.00
NIAGARA____ 23760	21.49 -1.55 0.07	20.45 -1.42 0.00	22.48 -1.14 0.00	21.40 -1.08 0.00	22.67 -1.06 0.00	21.45 -1.15 0.10	28.47 -1.92 0.03	31.93 -1.97 0.78	22.19 -1.41 6.10	30.92 -1.85 1.24	28.11 -1.65 0.49	29.84 -1.85 0.52	24.11 -2.13 0.00	22.33 -1.99 0.00	21.42 -2.18 0.00	19.56 -2.16 0.00	23.92 -2.83 0.00	44.25 -5.74 0.00	28.12 -3.80 0.00	28.45 -3.75 0.00	23.61 -2.81 0.00	27.49 -3.34 0.12	26.89 -2.52 0.20	24.38 -1.69 0.00
NINE_MILE_1 23575	22.55 -0.56 0.00	21.35 -0.52 0.00	23.09 -0.53 0.00	21.98 -0.50 0.00	23.24 -0.49 0.00	22.22 -0.48 0.00	29.73 -0.70 0.00	33.90 -0.77 0.00	29.05 -0.65 0.00	33.19 -0.82 0.00	29.52 -0.72 0.00	31.43 -0.78 0.00	25.48 -0.75 0.00	23.62 -0.71 0.00	22.88 -0.72 0.00	21.05 -0.66 0.00	25.87 -0.87 0.00	48.32 -1.66 0.00	30.91 -1.01 0.00	31.27 -0.92 0.00	25.69 -0.73 0.00	29.99 -0.96 0.00	28.74 -0.87 0.00	25.31 -0.75 0.00
NINE_MILE_2 23744	22.56 -0.56 0.00	21.36 -0.52 0.00	23.09 -0.53 0.00	21.99 -0.50 0.00	23.24 -0.49 0.00	22.22 -0.48 0.00	29.74 -0.69 0.00	33.90 -0.77 0.00	29.06 -0.64 0.00	33.19 -0.81 0.00	29.53 -0.72 0.00	31.44 -0.77 0.00	25.49 -0.75 0.00	23.62 -0.70 0.00	22.89 -0.72 0.00	21.06 -0.66 0.00	25.88 -0.87 0.00	48.33 -1.66 0.00	30.92 -1.01 0.00	31.28 -0.92 0.00	25.70 -0.73 0.00	30.00 -0.95 0.00	28.74 -0.87 0.00	25.31 -0.75 0.00
NM_CAPITAL___DRP 24208	23.55 0.43 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.76 1.08 0.00	30.66 0.96 0.00	34.83 0.83 0.00	30.88 0.63 0.00	32.95 0.74 0.00	26.93 0.69 0.00	24.97 0.65 0.00	24.34 0.74 0.00	22.51 0.79 0.00	27.76 1.01 0.00	51.76 1.77 0.00	33.20 1.28 0.00	33.51 1.31 0.00	27.42 1.00 0.00	31.90 0.96 0.00	30.37 0.76 0.00	26.73 0.66 0.00
NM_CENTRAL___DRP 24181	22.87 -0.24 0.00	21.64 -0.24 0.00	23.42 -0.20 0.00	22.29 -0.19 0.00	23.57 -0.16 0.00	22.57 -0.13 0.00	30.30 -0.13 0.00	34.56 -0.12 0.00	29.61 -0.09 0.00	33.79 -0.21 0.00	30.09 -0.16 0.00	32.03 -0.17 0.00	25.91 -0.33 0.00	24.03 -0.30 0.00	23.28 -0.33 0.00	21.41 -0.31 0.00	26.30 -0.45 0.00	49.11 -0.88 0.00	31.43 -0.49 0.00	31.84 -0.36 0.00	26.17 -0.26 0.00	30.50 -0.45 0.00	29.23 -0.38 0.00	25.72 -0.35 0.00
NM_FRONTIER___DRP 24179	21.49 -1.62 0.00	20.39 -1.48 0.00	22.42 -1.20 0.00	21.35 -1.13 0.00	22.62 -1.11 0.00	21.50 -1.20 0.00	28.35 -2.08 0.00	32.39 -2.28 0.00	28.12 -1.58 0.00	31.84 -2.16 0.00	28.30 -1.95 0.00	30.04 -2.17 0.00	23.85 -2.39 0.00	22.09 -2.23 0.00	21.19 -2.42 0.00	19.34 -2.38 0.00	23.63 -3.12 0.00	43.66 -6.32 0.00	27.76 -4.17 0.00	28.06 -4.14 0.00	23.32 -3.11 0.00	27.27 -3.68 0.00	26.79 -2.82 0.00	24.15 -1.92 0.00
NM_ST_REGIS___HYD 24053	22.84 -0.27 0.00	21.63 -0.25 0.00	23.38 -0.24 0.00	22.18 -0.30 0.00	23.38 -0.35 0.00	22.26 -0.44 0.00	29.64 -0.79 0.00	33.73 -0.95 0.00	28.67 -1.03 0.00	33.02 -0.98 0.00	29.30 -0.95 0.00	31.27 -0.94 0.00	25.69 -0.55 0.00	23.75 -0.57 0.00	22.95 -0.66 0.00	20.90 -0.82 0.00	25.77 -0.98 0.00	48.69 -1.30 0.00	30.82 -1.10 0.00	31.00 -1.20 0.00	25.51 -0.91 0.00	30.28 -0.67 0.00	28.85 -0.76 0.00	25.47 -0.59 0.00

NORTHPORT___1 23551	24.20 1.03 -0.05	22.78 0.90 0.00	24.51 0.89 0.00	23.38 0.90 0.00	24.61 0.88 0.00	23.69 0.98 0.00	32.23 1.80 0.00	34.68 1.92 1.92	30.50 1.44 0.65	35.33 1.33 0.00	31.70 1.42 -0.03	34.20 1.82 -0.17	28.14 1.48 -0.42	26.12 1.33 -0.47	36.63 1.49 -11.54	23.17 1.37 -0.09	29.03 1.62 -0.66	53.58 3.08 -0.51	33.93 2.01 0.00	34.79 2.60 0.00	28.91 2.00 -0.49	32.85 1.89 -0.01	31.77 1.85 -0.31	28.12 1.56 -0.49
NORTHPORT___2 23552	24.20 1.03 -0.05	22.78 0.90 0.00	24.51 0.89 0.00	23.38 0.90 0.00	24.61 0.88 0.00	23.69 0.98 0.00	32.23 1.80 0.00	34.68 1.92 1.92	30.50 1.44 0.65	35.33 1.33 0.00	31.70 1.42 -0.03	34.20 1.82 -0.17	28.14 1.48 -0.42	26.12 1.33 -0.47	36.63 1.49 -11.54	23.17 1.37 -0.09	29.03 1.62 -0.66	53.58 3.08 -0.51	33.93 2.01 0.00	34.79 2.60 0.00	28.91 2.00 -0.49	32.85 1.89 -0.01	31.77 1.85 -0.31	28.12 1.56 -0.49
NORTHPORT___3 23553	24.00 0.83 -0.05	22.57 0.70 0.00	24.29 0.67 0.00	23.17 0.69 0.00	24.41 0.68 0.00	23.53 0.83 0.00	32.07 1.64 0.00	34.53 1.78 1.92	30.36 1.30 0.65	35.13 1.13 0.00	31.49 1.22 -0.03	33.98 1.60 -0.17	27.91 1.24 -0.42	25.93 1.14 -0.47	36.44 1.29 -11.55	23.00 1.19 -0.09	28.89 1.48 -0.67	53.33 2.83 -0.51	33.81 1.89 0.00	34.61 2.41 0.00	28.80 1.88 -0.49	32.71 1.75 -0.01	31.57 1.65 -0.31	27.90 1.34 -0.50
NORTHPORT___4 23650	24.00 0.83 -0.05	22.57 0.70 0.00	24.29 0.67 0.00	23.17 0.69 0.00	24.41 0.68 0.00	23.53 0.83 0.00	32.07 1.64 0.00	34.53 1.78 1.92	30.36 1.30 0.65	35.13 1.13 0.00	31.49 1.22 -0.03	33.98 1.60 -0.17	27.91 1.24 -0.42	25.93 1.14 -0.47	36.44 1.29 -11.55	23.00 1.19 -0.09	28.89 1.48 -0.67	53.33 2.83 -0.51	33.81 1.89 0.00	34.61 2.41 0.00	28.80 1.88 -0.49	32.71 1.75 -0.01	31.57 1.65 -0.31	27.90 1.34 -0.50
NORTHPORT___IC 23718	24.19 1.03 -0.05	22.77 0.90 0.00	24.51 0.89 0.00	23.38 0.90 0.00	24.61 0.88 0.00	23.69 0.98 0.00	32.23 1.80 0.00	34.68 1.93 1.92	30.50 1.44 0.65	35.33 1.33 0.00	31.70 1.42 -0.03	34.20 1.82 -0.17	28.14 1.49 -0.42	26.11 1.32 -0.47	36.63 1.49 -11.54	23.17 1.36 -0.09	29.02 1.61 -0.66	53.58 3.08 -0.51	33.93 2.01 0.00	34.79 2.59 0.00	28.91 2.00 -0.49	32.85 1.89 -0.01	31.76 1.85 -0.31	28.12 1.56 -0.49
NORTH___COUNTRY_ESR 323785	23.38 0.27 0.00	22.14 0.26 0.00	24.08 0.45 0.00	22.91 0.42 0.00	24.06 0.33 0.00	22.75 0.05 0.00	30.23 -0.20 0.00	34.14 -0.54 0.00	28.69 -1.02 0.00	32.95 -1.06 0.00	29.31 -0.94 0.00	31.52 -0.69 0.00	25.90 -0.34 0.00	24.15 -0.17 0.00	23.41 -0.20 0.00	21.11 -0.61 0.00	26.03 -0.72 0.00	49.45 -0.54 0.00	30.92 -1.01 0.00	31.26 -0.94 0.00	25.84 -0.58 0.00	30.63 -0.31 0.00	29.01 -0.60 0.00	25.59 -0.47 0.00
NPX_GEN_1385_PROXY 323591	24.06 0.89 -0.05	22.67 0.79 0.00	24.44 0.82 0.00	23.31 0.84 0.00	24.54 0.81 0.00	23.57 0.86 0.00	31.95 1.52 0.00	34.14 1.39 1.92	26.79 1.11 4.02	36.65 0.84 -1.81	31.16 0.88 -0.03	33.84 1.46 -0.17	27.67 1.01 -0.42	25.60 0.81 -0.47	36.31 1.17 -11.54	22.87 1.06 -0.09	28.68 1.28 -0.66	53.05 2.55 -0.51	33.40 1.48 0.00	34.13 1.93 0.00	25.58 1.47 2.31	31.23 1.38 1.10	31.40 1.49 -0.31	27.96 1.39 -0.49
NPX_GEN_CSC 323557	23.73 0.56 -0.06	22.55 0.67 0.00	24.25 0.63 0.00	23.19 0.71 0.00	24.44 0.71 0.00	23.60 0.90 0.00	32.10 1.67 0.00	34.23 1.48 1.92	26.66 0.97 4.02	36.62 0.81 -1.81	30.95 0.66 -0.04	33.70 1.30 -0.20	27.82 1.09 -0.49	25.86 0.99 -0.55	36.48 1.25 -11.63	22.99 1.17 -0.11	28.90 1.38 -0.78	53.56 2.98 -0.60	33.62 1.69 0.00	34.97 2.77 0.00	26.09 1.90 2.23	31.61 1.76 1.10	31.87 1.90 -0.36	28.18 1.53 -0.59
NSINS_S_GLNS_FALLS 23858	23.82 0.70 0.00	22.61 0.74 0.00	24.30 0.67 0.00	23.16 0.68 0.00	24.46 0.73 0.00	23.47 0.77 0.00	31.63 1.20 0.00	36.10 1.42 0.00	31.09 1.39 0.00	35.14 1.14 0.00	30.90 0.65 0.00	32.97 0.76 0.00	26.86 0.62 0.00	24.95 0.62 0.00	24.31 0.71 0.00	22.58 0.87 0.00	28.07 1.32 0.00	52.53 2.55 0.00	33.57 1.64 0.00	33.94 1.74 0.00	27.76 1.33 0.00	32.24 1.30 0.00	30.68 1.06 0.00	26.95 0.89 0.00
NUCOR_STEEL___DRP 24197	23.16 0.04 0.00	21.93 0.06 0.00	23.66 0.04 0.00	22.60 0.12 0.00	23.94 0.21 0.00	22.90 0.20 0.00	30.79 0.36 0.00	35.15 0.47 0.00	30.03 0.33 0.00	34.27 0.27 0.00	30.47 0.22 0.00	32.47 0.26 0.00	26.27 0.03 0.00	24.32 0.00 0.00	23.57 -0.03 0.00	21.56 -0.16 0.00	26.51 -0.24 0.00	49.79 -0.20 0.00	31.78 -0.15 0.00	32.29 0.09 0.00	26.45 0.03 0.00	30.91 -0.03 0.00	29.68 0.07 0.00	25.99 -0.07 0.00
NUMBER_THREE_WT_PWR 323818	22.76 -0.36 0.00	21.44 -0.44 0.00	23.02 -0.60 0.00	21.84 -0.64 0.00	23.25 -0.48 0.00	22.47 -0.23 0.00	30.51 0.09 0.00	34.95 0.27 0.00	29.95 0.25 0.00	34.05 0.04 0.00	29.82 -0.42 0.00	32.02 -0.19 0.00	26.29 0.05 0.00	23.88 -0.45 0.00	22.91 -0.70 0.00	20.73 -0.99 0.00	25.45 -1.30 0.00	47.68 -2.30 0.00	30.78 -1.15 0.00	31.23 -0.96 0.00	25.68 -0.74 0.00	30.33 -0.62 0.00	28.68 -0.92 0.00	25.15 -0.91 0.00
NYISO_LBMP_REFERENCE 24008	23.12 0.00 0.00	21.87 0.00 0.00	23.62 0.00 0.00	22.48 0.00 0.00	23.73 0.00 0.00	22.70 0.00 0.00	30.43 0.00 0.00	34.68 0.00 0.00	29.70 0.00 0.00	34.00 0.00 0.00	30.25 0.00 0.00	32.21 0.00 0.00	26.24 0.00 0.00	24.32 0.00 0.00	23.60 0.00 0.00	21.72 0.00 0.00	26.75 0.00 0.00	49.99 0.00 0.00	31.92 0.00 0.00	32.20 0.00 0.00	26.43 0.00 0.00	30.95 0.00 0.00	29.61 0.00 0.00	26.06 0.00 0.00
NYPA_BRENTWD___GT 24164	24.38 1.19 -0.07	22.93 1.06 0.00	24.68 1.06 0.00	23.53 1.06 0.00	24.80 1.07 0.00	23.91 1.21 0.00	32.61 2.18 0.00	35.13 2.38 1.92	30.86 1.81 0.65	35.70 1.70 0.00	31.97 1.68 -0.04	34.60 2.16 -0.23	28.52 1.71 -0.57	26.50 1.52 -0.65	37.01 1.67 -11.74	23.32 1.48 -0.13	29.49 1.82 -0.92	54.47 3.77 -0.71	34.37 2.45 0.00	35.28 3.09 0.00	29.47 2.38 -0.67	33.28 2.32 -0.01	32.26 2.23 -0.43	28.58 1.82 -0.69
NYPA_GOWANUS___GT5 24156	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00
NYPA_GOWANUS___GT6 24157	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.92 -16.54	35.90 1.90 0.00	32.19 1.90 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 -0.01	28.51 1.76 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.14 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00

NYPA_HARLEM__RVR__GT1 24160	23.99 0.88 0.00	22.57 0.70 0.00	24.24 0.63 0.01	23.11 0.64 0.02	24.41 0.68 0.01	23.58 0.89 0.01	32.17 1.75 0.01	86.01 2.12 -49.21	47.96 1.73 -16.54	35.67 1.67 0.01	31.96 1.67 -0.04	33.91 1.70 0.00	27.71 1.36 -0.11	25.50 1.19 0.01	35.76 1.23 -10.92	22.95 1.23 0.00	28.31 1.57 0.01	52.56 2.59 0.01	33.88 1.97 0.01	34.51 2.32 0.01	28.34 1.91 0.00	32.71 1.76 0.00	31.15 1.54 0.00	27.15 1.09 0.00
NYPA_HARLEM__RVR__GT2 24161	23.99 0.88 0.00	22.57 0.70 0.00	24.24 0.63 0.01	23.11 0.64 0.02	24.41 0.68 0.01	23.58 0.89 0.01	32.17 1.75 0.01	86.01 2.12 -49.21	47.96 1.73 -16.54	35.67 1.67 0.01	31.96 1.67 -0.04	33.91 1.70 0.00	27.71 1.36 -0.11	25.50 1.19 0.01	35.76 1.23 -10.92	22.95 1.23 0.00	28.31 1.57 0.01	52.56 2.59 0.01	33.88 1.97 0.01	34.51 2.32 0.01	28.34 1.91 0.00	32.71 1.76 0.00	31.15 1.54 0.00	27.15 1.09 0.00
NYPA_KENT____GT 24152	24.13 1.01 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.29 0.81 0.00	24.58 0.85 0.00	23.73 1.03 0.00	32.42 2.00 0.00	86.23 2.34 -49.21	48.15 1.91 -16.54	35.92 1.91 0.00	32.19 1.90 -0.04	34.14 1.93 -0.01	27.88 1.52 -0.11	25.67 1.35 0.00	35.92 1.39 -10.93	23.09 1.38 -0.01	28.51 1.76 0.00	52.96 2.97 0.00	34.15 2.22 0.00	34.80 2.60 0.00	28.55 2.12 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.34 1.28 0.00
NYPA_POUCH1____GT 24155	24.09 0.97 0.00	22.64 0.77 0.00	24.39 0.76 0.00	23.25 0.77 0.00	24.55 0.82 0.00	23.70 0.99 0.00	32.33 1.90 0.00	86.06 2.17 -49.21	48.04 1.80 -16.54	35.78 1.78 0.00	32.08 1.79 -0.04	33.99 1.77 -0.01	27.76 1.40 -0.11	25.53 1.20 0.00	25.93 1.29 -1.04	22.99 1.27 -0.01	28.41 1.66 0.00	52.68 2.70 0.00	34.03 2.10 0.00	34.69 2.49 0.00	28.48 2.06 0.00	32.84 1.89 0.00	31.29 1.68 0.00	27.29 1.23 0.00
NYPA_VERNON____GT2 24162	24.12 1.00 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.29 0.81 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.43 2.00 0.00	86.25 2.35 -49.21	48.15 1.91 -16.54	35.95 1.94 0.00	32.20 1.91 -0.04	34.16 1.94 -0.01	27.89 1.54 -0.11	25.69 1.36 0.00	35.94 1.41 -10.93	23.10 1.39 -0.01	28.51 1.76 0.00	52.96 2.98 0.00	34.15 2.22 0.00	34.79 2.60 0.00	28.53 2.11 0.00	32.94 1.99 0.00	31.37 1.76 0.00	27.34 1.28 0.00
NYPA_VERNON____GT3 24163	24.12 1.00 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.29 0.81 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.43 2.00 0.00	86.25 2.35 -49.21	48.15 1.91 -16.54	35.95 1.94 0.00	32.20 1.91 -0.04	34.16 1.94 -0.01	27.89 1.54 -0.11	25.69 1.36 0.00	35.94 1.41 -10.93	23.10 1.39 -0.01	28.51 1.76 0.00	52.96 2.98 0.00	34.15 2.22 0.00	34.79 2.60 0.00	28.53 2.11 0.00	32.94 1.99 0.00	31.37 1.76 0.00	27.34 1.28 0.00
NYPA__ASTORIA_CC1 323568	24.09 0.98 0.00	22.67 0.79 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.32 -49.21	48.12 1.88 -16.54	35.89 1.88 0.00	32.16 1.86 -0.04	34.11 1.90 -0.01	27.86 1.50 -0.11	25.66 1.33 0.00	35.91 1.37 -10.93	23.08 1.36 -0.01	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.34 1.73 0.00	27.31 1.24 0.00
NYPA__ASTORIA_CC2 323569	24.09 0.98 0.00	22.67 0.79 0.00	24.40 0.78 0.00	23.26 0.79 0.00	24.56 0.83 0.00	23.72 1.02 0.00	32.40 1.97 0.00	86.21 2.32 -49.21	48.12 1.88 -16.54	35.89 1.88 0.00	32.16 1.86 -0.04	34.11 1.90 -0.01	27.86 1.50 -0.11	25.66 1.33 0.00	35.91 1.37 -10.93	23.08 1.36 -0.01	28.48 1.73 0.00	52.91 2.92 0.00	34.11 2.19 0.00	34.74 2.55 0.00	28.51 2.08 0.00	32.91 1.96 0.00	31.34 1.73 0.00	27.31 1.24 0.00
NYPA__HOLTSVILL 23794	24.12 0.95 -0.06	22.74 0.87 0.00	24.47 0.85 0.00	23.35 0.87 0.00	24.60 0.88 0.00	23.73 1.02 0.00	32.33 1.90 0.00	34.76 2.01 1.92	30.53 1.47 0.65	35.33 1.33 0.00	31.59 1.31 -0.03	34.17 1.77 -0.19	28.15 1.44 -0.48	26.15 1.29 -0.54	36.70 1.48 -11.62	23.18 1.36 -0.11	29.15 1.63 -0.77	53.90 3.32 -0.59	34.04 2.12 0.00	35.02 2.83 0.00	29.12 2.14 -0.56	33.00 2.04 -0.01	31.97 2.00 -0.35	28.26 1.62 -0.58
NYPA__HELLGATE_GT1 24158	23.99 0.88 0.00	22.57 0.70 0.00	24.25 0.63 0.00	23.12 0.64 0.00	24.42 0.68 0.00	23.59 0.89 0.00	32.19 1.77 0.00	86.03 2.14 -49.21	47.96 1.73 -16.54	35.67 1.67 0.01	31.96 1.67 -0.04	33.90 1.69 0.00	27.71 1.36 -0.11	25.50 1.19 0.01	35.76 1.23 -10.92	22.95 1.23 0.00	28.31 1.57 0.01	52.56 2.59 0.01	33.88 1.97 0.01	34.51 2.32 0.01	28.34 1.91 0.00	32.71 1.76 0.00	31.15 1.54 0.00	27.15 1.09 0.00
NYPA__HELLGATE_GT2 24159	23.99 0.88 0.00	22.57 0.70 0.00	24.25 0.63 0.00	23.12 0.64 0.00	24.42 0.68 0.00	23.59 0.89 0.00	32.19 1.77 0.00	86.03 2.14 -49.21	47.96 1.73 -16.54	35.67 1.67 0.01	31.96 1.67 -0.04	33.90 1.69 0.00	27.71 1.36 -0.11	25.50 1.19 0.01	35.76 1.23 -10.92	22.95 1.23 0.00	28.31 1.57 0.01	52.56 2.59 0.01	33.88 1.97 0.01	34.51 2.32 0.01	28.34 1.91 0.00	32.71 1.76 0.00	31.15 1.54 0.00	27.15 1.09 0.00
NYS_BARGE__HYD 23848	21.72 -1.33 0.06	20.65 -1.23 0.00	22.69 -0.93 0.00	21.62 -0.85 0.00	22.91 -0.82 0.00	21.71 -0.90 0.09	28.81 -1.59 0.03	32.38 -1.59 0.70	23.13 -1.04 5.53	31.43 -1.45 1.12	28.50 -1.31 0.44	30.26 -1.48 0.47	24.38 -1.87 0.00	22.54 -1.78 0.00	21.60 -2.00 0.00	19.70 -2.02 0.00	24.05 -2.70 0.00	44.55 -5.43 0.00	28.39 -3.54 0.00	28.73 -3.46 0.00	23.87 -2.55 0.00	27.78 -3.06 0.11	27.16 -2.26 0.19	24.63 -1.43 0.00
OAK_ORCHARD__HYD 24046	22.40 -0.68 0.03	21.24 -0.63 0.00	23.17 -0.45 0.00	22.06 -0.42 0.00	23.36 -0.37 0.00	22.25 -0.41 0.05	29.75 -0.67 0.02	33.76 -0.55 0.36	26.56 -0.32 2.82	32.90 -0.53 0.57	29.58 -0.44 0.23	31.45 -0.52 0.24	25.38 -0.86 0.00	23.49 -0.84 0.00	22.59 -1.01 0.00	20.70 -1.02 0.00	25.34 -1.40 0.00	47.23 -2.75 0.00	30.18 -1.75 0.00	30.58 -1.61 0.00	25.26 -1.17 0.00	29.38 -1.51 0.06	28.43 -1.08 0.10	25.37 -0.69 0.00
OAKDALE__35_KV_LOAD 356122	22.91 -0.20 0.00	21.66 -0.21 0.00	23.48 -0.14 0.00	22.33 -0.14 0.00	23.63 -0.10 0.00	22.65 -0.05 0.00	30.64 0.21 0.00	34.87 0.19 0.00	29.84 0.14 0.00	34.11 0.10 0.00	30.41 0.16 0.00	32.31 0.10 0.00	26.00 -0.24 0.00	24.14 -0.19 0.00	23.34 -0.26 0.00	21.46 -0.26 0.00	26.42 -0.33 0.00	49.39 -0.60 0.00	31.63 -0.29 0.00	32.13 -0.06 0.00	26.40 -0.02 0.00	30.70 -0.25 0.00	29.50 -0.11 0.00	25.90 -0.16 0.00
OCC_CHEM__DRP 24175	21.52 -1.60 0.00	20.43 -1.45 0.00	22.46 -1.17 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.53 -1.17 0.00	28.40 -2.03 0.00	32.47 -2.21 0.00	28.17 -1.53 0.00	31.92 -2.09 0.00	28.36 -1.89 0.00	30.11 -2.10 0.00	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.38 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.76 -6.22 0.00	27.82 -4.11 0.00	28.12 -4.08 0.00	23.36 -3.07 0.00	27.32 -3.63 0.00	26.85 -2.76 0.00	24.20 -1.87 0.00

OH_GEN_PROXY 24063	21.54 -1.50 0.08	20.49 -1.38 0.00	22.51 -1.11 0.00	21.42 -1.05 0.00	22.70 -1.03 0.00	21.47 -1.13 0.11	28.56 -1.84 0.04	-49.32 -1.88 82.13	18.44 -1.34 9.93	32.73 -1.75 -0.48	28.17 -1.55 0.53	29.91 -1.74 0.56	24.20 -2.04 0.00	22.42 -1.90 0.00	21.51 -2.09 0.00	19.65 -2.07 0.00	24.03 -2.72 0.00	44.50 -5.49 0.00	28.29 -3.64 0.00	28.61 -3.58 0.00	20.94 -2.68 2.80	26.52 -3.19 1.24	26.99 -2.40 0.22	24.44 -1.62 0.00
OLIN_CORP_DRP 24177	21.42 -1.70 0.00	20.32 -1.55 0.00	22.33 -1.29 0.00	21.28 -1.20 0.00	22.54 -1.19 0.00	21.45 -1.26 0.00	28.32 -2.11 0.00	32.45 -2.23 0.00	28.10 -1.61 0.00	31.93 -2.07 0.00	28.37 -1.88 0.00	30.12 -2.09 0.00	23.90 -2.34 0.00	22.13 -2.20 0.00	21.21 -2.39 0.00	19.36 -2.35 0.00	23.64 -3.11 0.00	43.71 -6.27 0.00	27.83 -4.09 0.00	28.14 -4.05 0.00	23.38 -3.04 0.00	27.34 -3.60 0.00	26.86 -2.75 0.00	24.22 -1.84 0.00
OLIN_CORP_DSASP 323712	21.46 -1.59 0.07	20.43 -1.45 0.00	22.46 -1.16 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.44 -1.17 0.10	28.37 -2.02 0.03	31.69 -2.21 0.78	22.03 -1.51 6.16	30.67 -2.09 1.25	27.86 -1.89 0.49	29.57 -2.11 0.53	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.37 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.77 -6.21 0.00	27.81 -4.11 0.00	28.12 -4.07 0.00	23.36 -3.07 0.00	27.20 -3.62 0.12	26.63 -2.77 0.21	24.19 -1.87 0.00
ONEIDA_HERK_LFGE 323681	23.30 0.18 0.00	21.99 0.11 0.00	23.70 0.07 0.00	22.54 0.06 0.00	23.87 0.14 0.00	22.97 0.27 0.00	31.10 0.67 0.00	35.54 0.87 0.00	30.45 0.75 0.00	34.64 0.63 0.00	30.62 0.38 0.00	32.69 0.48 0.00	26.71 0.47 0.00	24.53 0.21 0.00	23.76 0.15 0.00	21.72 0.00 0.00	26.74 -0.01 0.00	49.97 -0.01 0.00	32.12 0.20 0.00	32.52 0.33 0.00	26.71 0.29 0.00	31.29 0.34 0.00	29.76 0.15 0.00	26.10 0.04 0.00
ONEIDA___115KV_TB4 55905	23.59 0.47 0.00	22.28 0.41 0.00	24.10 0.47 0.00	22.93 0.45 0.00	24.25 0.52 0.00	23.29 0.58 0.00	31.49 1.06 0.00	35.98 1.30 0.00	30.78 1.08 0.00	34.94 0.93 0.00	31.06 0.82 0.00	33.10 0.89 0.00	26.96 0.71 0.00	24.90 0.58 0.00	24.22 0.62 0.00	22.24 0.53 0.00	27.38 0.63 0.00	51.12 1.13 0.00	32.82 0.89 0.00	33.22 1.03 0.00	27.28 0.85 0.00	31.80 0.85 0.00	30.32 0.71 0.00	26.58 0.52 0.00
ONONDAGA_REF_OCCRA 23987	23.01 -0.11 0.00	21.77 -0.11 0.00	23.56 -0.06 0.00	22.42 -0.06 0.00	23.72 -0.01 0.00	22.71 0.01 0.00	30.53 0.10 0.00	34.78 0.11 0.00	29.79 0.09 0.00	34.01 0.01 0.00	30.27 0.02 0.00	32.24 0.03 0.00	26.07 -0.17 0.00	24.19 -0.13 0.00	23.44 -0.16 0.00	21.55 -0.16 0.00	26.49 -0.26 0.00	49.49 -0.49 0.00	31.67 -0.25 0.00	32.11 -0.09 0.00	26.38 -0.04 0.00	30.74 -0.21 0.00	29.45 -0.16 0.00	25.90 -0.16 0.00
ONONDAGA___COGEN 23986	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
ONTARIO___LFGE 23819	22.75 -0.37 0.00	21.57 -0.30 0.00	23.44 -0.18 0.00	22.31 -0.17 0.00	23.66 -0.07 0.00	22.68 -0.03 0.00	30.64 0.21 0.00	34.94 0.26 0.00	29.94 0.24 0.00	34.17 0.17 0.00	30.50 0.25 0.00	32.35 0.14 0.00	25.97 -0.27 0.00	24.00 -0.32 0.00	23.11 -0.49 0.00	21.07 -0.65 0.00	26.01 -0.74 0.00	48.40 -1.59 0.00	31.24 -0.68 0.00	31.70 -0.50 0.00	26.20 -0.22 0.00	30.38 -0.57 0.00	29.30 -0.31 0.00	25.82 -0.25 0.00
ORANGEVILLE_WT_PWR 323706	21.62 -1.42 0.07	20.64 -1.23 0.00	22.70 -0.92 0.00	21.63 -0.84 0.00	22.99 -0.74 0.00	21.71 -0.88 0.10	28.90 -1.50 0.04	32.20 -1.65 0.83	22.24 -0.95 6.51	31.32 -1.36 1.32	28.46 -1.26 0.52	30.26 -1.39 0.56	24.36 -1.89 0.00	22.32 -2.00 0.00	21.31 -2.30 0.00	19.36 -2.35 0.00	23.64 -3.11 0.00	43.78 -6.21 0.00	27.88 -4.05 0.00	28.21 -3.99 0.00	23.56 -2.87 0.00	27.41 -3.41 0.13	26.71 -2.68 0.22	24.22 -1.85 0.00
ORANGEVILLE___ESR 323794	21.62 -1.42 0.07	20.64 -1.23 0.00	22.70 -0.92 0.00	21.63 -0.84 0.00	22.99 -0.74 0.00	21.71 -0.88 0.10	28.90 -1.50 0.04	32.20 -1.65 0.83	22.24 -0.95 6.51	31.32 -1.36 1.32	28.46 -1.26 0.52	30.26 -1.39 0.56	24.36 -1.89 0.00	22.32 -2.00 0.00	21.31 -2.30 0.00	19.36 -2.35 0.00	23.64 -3.11 0.00	43.78 -6.21 0.00	27.88 -4.05 0.00	28.21 -3.99 0.00	23.56 -2.87 0.00	27.41 -3.41 0.13	26.71 -2.68 0.22	24.22 -1.85 0.00
OSWEGATCHIE___HYD 24044	22.41 -0.71 0.00	21.17 -0.70 0.00	22.79 -0.83 0.00	21.61 -0.87 0.00	22.91 -0.82 0.00	22.00 -0.70 0.00	29.58 -0.84 0.00	33.81 -0.87 0.00	28.91 -0.79 0.00	33.09 -0.92 0.00	29.19 -1.06 0.00	31.22 -1.00 0.00	25.61 -0.63 0.00	23.42 -0.90 0.00	22.56 -1.05 0.00	20.50 -1.21 0.00	25.23 -1.52 0.00	47.43 -2.55 0.00	30.36 -1.56 0.00	30.68 -1.52 0.00	25.23 -1.20 0.00	29.85 -1.10 0.00	28.35 -1.26 0.00	24.94 -1.12 0.00
OSWEGO___5 23606	22.66 -0.45 0.00	21.46 -0.42 0.00	23.20 -0.42 0.00	22.08 -0.40 0.00	23.35 -0.38 0.00	22.33 -0.37 0.00	29.92 -0.51 0.00	34.11 -0.57 0.00	29.23 -0.47 0.00	33.39 -0.61 0.00	29.71 -0.54 0.00	31.63 -0.58 0.00	25.63 -0.61 0.00	23.76 -0.57 0.00	23.02 -0.59 0.00	21.17 -0.55 0.00	26.02 -0.73 0.00	48.60 -1.39 0.00	31.09 -0.84 0.00	31.46 -0.74 0.00	25.85 -0.58 0.00	30.17 -0.78 0.00	28.91 -0.70 0.00	25.45 -0.61 0.00
OSWEGO___6 23613	22.66 -0.45 0.00	21.46 -0.42 0.00	23.20 -0.42 0.00	22.08 -0.40 0.00	23.35 -0.38 0.00	22.33 -0.37 0.00	29.92 -0.51 0.00	34.11 -0.57 0.00	29.23 -0.47 0.00	33.39 -0.61 0.00	29.71 -0.54 0.00	31.63 -0.58 0.00	25.63 -0.61 0.00	23.76 -0.57 0.00	23.02 -0.59 0.00	21.17 -0.55 0.00	26.02 -0.73 0.00	48.60 -1.39 0.00	31.09 -0.84 0.00	31.46 -0.74 0.00	25.85 -0.58 0.00	30.17 -0.78 0.00	28.91 -0.70 0.00	25.45 -0.61 0.00
OUTOKUMPU-AB___DRP 24206	21.99 -1.12 0.00	20.86 -1.01 0.00	22.92 -0.70 0.00	21.83 -0.65 0.00	23.14 -0.59 0.00	22.02 -0.68 0.00	29.15 -1.28 0.00	33.39 -1.29 0.00	28.96 -0.74 0.00	32.89 -1.11 0.00	29.24 -1.01 0.00	31.05 -1.16 0.00	24.63 -1.61 0.00	22.77 -1.55 0.00	21.81 -1.79 0.00	19.88 -1.84 0.00	24.30 -2.45 0.00	44.98 -5.01 0.00	28.62 -3.30 0.00	28.99 -3.20 0.00	24.08 -2.34 0.00	28.14 -2.81 0.00	27.60 -2.02 0.00	24.81 -1.25 0.00
OXBOW___BTM 323836	21.71 -1.34 0.07	20.65 -1.22 0.00	22.70 -0.93 0.00	21.62 -0.86 0.00	22.91 -0.82 0.00	21.69 -0.91 0.10	28.77 -1.63 0.03	32.18 -1.71 0.78	22.45 -1.09 6.17	31.18 -1.57 1.25	28.34 -1.42 0.49	30.08 -1.61 0.53	24.28 -1.96 0.00	22.48 -1.84 0.00	21.54 -2.06 0.00	19.64 -2.07 0.00	24.00 -2.75 0.00	44.42 -5.57 0.00	28.25 -3.67 0.00	28.59 -3.60 0.00	23.75 -2.68 0.00	27.64 -3.18 0.12	27.04 -2.36 0.21	24.52 -1.55 0.00

OXBOW____ 24026	21.77 -1.35 0.00	20.65 -1.22 0.00	22.70 -0.92 0.00	21.62 -0.86 0.00	22.91 -0.82 0.00	21.79 -0.91 0.00	28.80 -1.63 0.00	32.95 -1.72 0.00	28.60 -1.10 0.00	32.43 -1.57 0.00	28.83 -1.42 0.00	30.61 -1.60 0.00	24.29 -1.96 0.00	22.48 -1.84 0.00	21.54 -2.06 0.00	19.64 -2.07 0.00	24.01 -2.74 0.00	44.41 -5.58 0.00	28.25 -3.67 0.00	28.59 -3.61 0.00	23.75 -2.68 0.00	27.76 -3.18 0.00	27.25 -2.36 0.00	24.52 -1.55 0.00
OXY_CHEM_DSASP 323612	21.52 -1.60 0.00	20.43 -1.45 0.00	22.46 -1.17 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.53 -1.17 0.00	28.40 -2.03 0.00	32.47 -2.21 0.00	28.17 -1.53 0.00	31.92 -2.09 0.00	28.36 -1.89 0.00	30.11 -2.10 0.00	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.38 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.76 -6.22 0.00	27.82 -4.11 0.00	28.12 -4.08 0.00	23.36 -3.07 0.00	27.32 -3.63 0.00	26.85 -2.76 0.00	24.20 -1.87 0.00
OZONE_PARK_ESR 323760	24.25 1.14 0.00	22.80 0.93 0.00	24.56 0.94 0.00	23.41 0.94 0.00	24.72 0.99 0.00	23.86 1.15 0.00	32.65 2.22 0.00	87.32 2.62 -50.02	48.60 2.09 -16.81	36.14 2.14 0.00	32.38 2.09 -0.05	34.36 2.15 -0.01	28.03 1.68 -0.11	25.83 1.50 0.00	36.07 1.53 -10.94	23.22 1.50 0.00	28.66 1.91 0.00	53.33 3.35 0.00	34.36 2.43 0.00	35.04 2.84 0.00	28.73 2.31 0.00	33.18 2.24 0.00	31.58 1.97 0.00	27.52 1.45 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.52 -1.60 0.00	20.43 -1.45 0.00	22.46 -1.17 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.53 -1.17 0.00	28.40 -2.03 0.00	32.47 -2.21 0.00	28.17 -1.53 0.00	31.92 -2.09 0.00	28.36 -1.89 0.00	30.11 -2.10 0.00	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.38 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.76 -6.22 0.00	27.82 -4.11 0.00	28.12 -4.08 0.00	23.36 -3.07 0.00	27.32 -3.63 0.00	26.85 -2.76 0.00	24.20 -1.87 0.00
PACKARD__115KV_DUPONT_184 80571	21.52 -1.60 0.00	20.43 -1.45 0.00	22.46 -1.17 0.00	21.38 -1.10 0.00	22.66 -1.07 0.00	21.53 -1.17 0.00	28.40 -2.03 0.00	32.47 -2.21 0.00	28.17 -1.53 0.00	31.92 -2.09 0.00	28.36 -1.89 0.00	30.11 -2.10 0.00	23.90 -2.34 0.00	22.14 -2.18 0.00	21.23 -2.38 0.00	19.37 -2.34 0.00	23.68 -3.07 0.00	43.76 -6.22 0.00	27.82 -4.11 0.00	28.12 -4.08 0.00	23.36 -3.07 0.00	27.32 -3.63 0.00	26.85 -2.76 0.00	24.20 -1.87 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	24.01 0.89 0.00	22.61 0.74 0.00	24.33 0.70 0.00	23.19 0.71 0.00	24.48 0.75 0.00	23.66 0.96 0.00	32.28 1.85 0.00	86.10 2.20 -49.21	47.99 1.75 -16.54	35.70 1.69 0.00	31.97 1.68 -0.04	33.92 1.71 -0.01	27.71 1.36 -0.11	25.51 1.19 0.00	35.77 1.24 -10.93	22.95 1.23 0.00	28.33 1.58 0.00	52.62 2.63 0.00	33.94 2.02 0.00	34.58 2.38 0.00	28.37 1.94 0.00	32.76 1.82 0.00	31.19 1.58 0.00	27.18 1.12 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	24.01 0.89 0.00	22.67 0.80 0.00	24.37 0.75 0.00	23.25 0.77 0.00	24.55 0.82 0.00	23.82 1.12 0.00	32.55 2.12 0.00	86.29 2.40 -49.21	48.13 1.89 -16.54	35.75 1.74 0.00	32.00 1.70 -0.04	33.93 1.72 -0.01	27.74 1.39 -0.11	25.51 1.19 0.00	35.77 1.24 -10.93	22.95 1.23 0.00	28.33 1.58 0.00	52.63 2.65 0.00	33.95 2.02 0.00	34.59 2.39 0.00	28.41 1.99 0.00	32.77 1.83 0.00	31.19 1.58 0.00	27.18 1.12 0.00
PATROON__115KV_TB1 80586	23.67 0.55 0.00	22.41 0.54 0.00	24.16 0.54 0.00	23.03 0.56 0.00	24.30 0.57 0.00	23.34 0.63 0.00	31.55 1.12 0.00	35.98 1.30 0.00	30.85 1.15 0.00	35.05 1.04 0.00	31.07 0.83 0.00	33.15 0.94 0.00	27.08 0.84 0.00	25.12 0.79 0.00	24.47 0.87 0.00	22.64 0.92 0.00	27.92 1.17 0.00	52.07 2.08 0.00	33.39 1.47 0.00	33.72 1.52 0.00	27.59 1.16 0.00	32.09 1.14 0.00	30.54 0.93 0.00	26.86 0.80 0.00
PATTRSNVILLE__SOLAR 323815	23.73 0.62 0.00	22.45 0.58 0.00	24.22 0.60 0.00	23.07 0.59 0.00	24.35 0.62 0.00	23.37 0.66 0.00	31.54 1.11 0.00	35.98 1.30 0.00	30.82 1.12 0.00	35.02 1.02 0.00	30.94 0.69 0.00	32.98 0.77 0.00	26.93 0.69 0.00	24.97 0.64 0.00	24.29 0.69 0.00	22.41 0.70 0.00	27.70 0.95 0.00	51.80 1.82 0.00	33.15 1.23 0.00	33.51 1.32 0.00	27.48 1.06 0.00	32.01 1.06 0.00	30.54 0.93 0.00	26.83 0.76 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.56 -0.56 0.00	21.37 -0.50 0.00	23.46 -0.16 0.00	22.34 -0.14 0.00	23.66 -0.07 0.00	22.52 -0.18 0.00	29.96 -0.47 0.00	34.35 -0.32 0.00	29.76 0.05 0.00	33.90 -0.10 0.00	30.24 -0.01 0.00	32.12 -0.09 0.00	25.41 -0.83 0.00	23.50 -0.83 0.00	22.50 -1.11 0.00	20.55 -1.17 0.00	25.13 -1.62 0.00	46.67 -3.32 0.00	29.69 -2.24 0.00	30.08 -2.12 0.00	24.96 -1.47 0.00	29.13 -1.82 0.00	28.51 -1.11 0.00	25.53 -0.53 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	24.00 0.88 0.00	22.63 0.76 0.00	24.36 0.74 0.00	23.22 0.75 0.00	24.51 0.78 0.00	23.63 0.93 0.00	32.23 1.81 0.00	36.80 2.12 0.00	31.49 1.79 0.00	35.86 1.86 0.00	31.91 1.66 0.00	33.84 1.63 0.00	27.55 1.30 -0.01	25.53 1.20 0.00	27.39 1.29 -2.50	22.94 1.23 0.00	28.35 1.60 0.00	53.01 3.03 0.00	34.07 2.15 0.00	34.66 2.46 0.00	28.39 1.96 0.00	32.84 1.89 0.00	31.22 1.61 0.00	27.28 1.22 0.00
PEEKSKILL____ 23653	23.86 0.74 0.00	22.46 0.59 0.00	24.18 0.56 0.00	23.06 0.58 0.00	24.34 0.61 0.00	23.46 0.76 0.00	32.03 1.60 0.00	35.10 1.87 1.44	30.69 1.48 0.48	35.47 1.47 0.00	31.67 1.42 0.00	33.66 1.46 0.00	27.39 1.12 -0.03	25.33 1.00 0.00	36.81 1.05 -12.16	22.75 1.04 0.00	28.10 1.35 0.00	52.38 2.39 0.00	33.73 1.80 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.54 1.59 0.00	30.99 1.38 0.00	27.06 0.99 0.00
PGE MADISON__WINDPWR 24146	24.68 1.55 -0.01	23.17 1.29 0.00	25.23 1.61 0.00	23.92 1.44 0.00	25.42 1.69 0.00	24.56 1.84 -0.02	33.46 3.03 -0.01	38.35 3.54 -0.14	33.58 2.80 -1.08	37.13 2.91 -0.22	32.64 2.31 -0.09	34.54 2.24 -0.09	27.78 1.54 0.00	25.92 1.60 0.00	24.95 1.35 0.00	22.93 1.22 0.00	28.22 1.47 0.00	53.26 3.27 0.00	33.80 1.87 0.00	34.38 2.19 0.00	28.17 1.75 0.00	32.58 1.61 -0.02	31.13 1.48 -0.04	27.34 1.28 0.00
PIERCEFIELD__HYD 23852	22.59 -0.53 0.00	21.39 -0.49 0.00	23.08 -0.54 0.00	21.89 -0.59 0.00	23.09 -0.64 0.00	22.03 -0.68 0.00	29.33 -1.10 0.00	33.42 -1.26 0.00	28.50 -1.20 0.00	32.85 -1.15 0.00	29.15 -1.10 0.00	31.04 -1.17 0.00	25.52 -0.72 0.00	23.54 -0.78 0.00	22.74 -0.87 0.00	20.74 -0.97 0.00	25.58 -1.17 0.00	48.21 -1.78 0.00	30.63 -1.30 0.00	30.75 -1.45 0.00	25.27 -1.15 0.00	30.00 -0.95 0.00	28.64 -0.97 0.00	25.30 -0.77 0.00
PINELAWN_CC_1 323563	24.33 1.08 -0.13	22.81 0.93 0.00	24.55 0.93 0.00	23.41 0.94 0.00	24.67 0.95 0.00	23.80 1.10 0.00	32.50 2.07 0.00	35.06 2.31 1.92	30.78 1.73 0.65	35.60 1.60 0.00	31.93 1.60 -0.08	34.64 2.02 -0.41	28.81 1.59 -0.99	26.85 1.39 -1.14	37.36 1.50 -12.26	23.35 1.42 -0.22	30.16 1.79 -1.62	54.72 3.49 -1.25	34.26 2.33 0.00	35.12 2.92 0.00	29.84 2.27 -1.15	33.17 2.20 -0.02	32.43 2.07 -0.75	28.93 1.64 -1.22

PJM_GEN_HTP_PROXY 323702	24.03 0.91 0.00	22.60 0.73 0.00	24.34 0.71 0.00	23.20 0.72 0.00	24.49 0.76 0.00	23.63 0.93 0.00	32.34 1.91 0.00	86.10 2.27 -49.15	37.91 1.76 -6.44	35.78 1.78 0.00	32.05 1.76 -0.05	34.02 1.81 -0.01	27.76 1.41 -0.12	25.57 1.25 0.00	35.84 1.29 -10.95	23.01 1.29 -0.01	28.38 1.63 0.00	53.06 2.79 -0.28	36.89 2.08 -2.89	34.65 2.46 0.00	28.42 1.99 0.00	34.55 1.87 -1.73	31.24 1.63 0.00	28.12 1.17 -0.89
PJM_GEN_KEystone 24065	19.11 -0.17 3.84	21.63 -0.25 0.00	23.46 -0.16 0.00	22.35 -0.12 0.00	23.60 -0.12 0.00	19.42 -0.06 3.22	46.64 0.29 -15.92	41.29 0.37 -6.25	8.35 0.27 21.62	32.90 0.17 1.27	33.70 0.31 -3.14	29.80 0.21 2.62	26.03 -0.19 0.02	24.16 -0.16 0.00	10.85 -0.24 12.51	21.47 -0.24 0.00	26.47 -0.28 0.00	49.64 -0.63 -0.28	34.55 -0.27 -2.89	32.25 0.05 0.00	26.52 0.09 0.00	32.34 -0.21 -1.61	29.39 -0.01 0.21	26.91 -0.04 -0.89
PJM_GEN_NEPTUNE_PROXY 323594	24.00 0.89 0.00	22.61 0.74 0.00	24.33 0.71 0.00	23.20 0.72 0.00	24.46 0.73 0.00	23.60 0.90 0.00	32.22 1.79 0.00	33.00 2.01 3.69	19.89 1.50 11.31	35.41 1.41 0.00	31.71 1.46 0.00	33.95 1.74 0.00	27.65 1.38 -0.02	25.56 1.24 0.00	36.10 1.34 -11.16	23.00 1.26 -0.03	28.36 1.61 0.00	53.25 2.99 -0.28	36.85 2.04 -2.89	34.72 2.53 0.00	28.60 2.00 -0.17	34.58 1.89 -1.74	31.36 1.75 0.00	28.31 1.36 -0.89
PJM_GEN_VFT_PROXY 323633	23.91 0.80 0.00	22.48 0.61 0.00	24.21 0.59 0.00	23.09 0.61 0.00	24.37 0.64 0.00	23.52 0.81 0.00	32.16 1.73 0.00	84.16 2.03 -47.45	37.15 1.57 -5.87	35.57 1.57 0.00	31.87 1.57 -0.05	33.81 1.59 -0.01	27.59 1.24 -0.11	25.41 1.09 0.00	25.80 1.15 -1.05	22.88 1.16 -0.01	28.22 1.48 0.00	52.76 2.49 -0.28	36.73 1.91 -2.89	34.49 2.30 0.00	28.28 1.86 0.00	34.38 1.70 -1.73	31.09 1.48 0.00	27.99 1.04 -0.89
PLATSBURG_115KV_PMLD1 355749	23.64 0.52 0.00	22.41 0.54 0.00	24.37 0.75 0.00	23.19 0.71 0.00	24.35 0.62 0.00	23.02 0.32 0.00	30.60 0.17 0.00	34.56 -0.12 0.00	29.02 -0.68 0.00	33.19 -0.81 0.00	29.57 -0.68 0.00	31.88 -0.33 0.00	26.26 0.02 0.00	24.48 0.15 0.00	23.72 0.11 0.00	21.39 -0.32 0.00	26.32 -0.43 0.00	50.02 0.04 0.00	31.33 -0.59 0.00	31.75 -0.44 0.00	26.19 -0.23 0.00	31.00 0.05 0.00	29.31 -0.30 0.00	25.92 -0.14 0.00
PLEASANTVLY__LBMP 24000	23.60 0.48 0.00	22.28 0.40 0.00	23.99 0.37 0.00	22.88 0.40 0.00	24.12 0.39 0.00	23.22 0.52 0.00	31.60 1.17 0.00	36.06 1.38 0.00	30.82 1.12 0.00	35.06 1.06 0.00	31.21 0.96 0.00	33.20 0.98 0.00	27.04 0.79 -0.01	25.06 0.73 0.00	27.07 0.80 -2.66	22.55 0.83 0.00	27.84 1.09 0.00	52.04 2.06 0.00	33.44 1.52 0.00	33.96 1.76 0.00	27.80 1.37 0.00	32.18 1.24 0.00	30.61 1.00 0.00	26.79 0.73 0.00
PLSNTVLE_13_KV_13.8KV DIST 80602	23.78 0.67 0.00	22.42 0.54 0.00	24.14 0.52 0.00	23.02 0.54 0.00	24.28 0.55 0.00	23.40 0.70 0.00	31.88 1.45 0.00	38.24 1.71 -1.85	31.70 1.37 -0.62	35.36 1.36 0.00	31.53 1.28 0.00	33.51 1.30 0.00	27.29 1.03 -0.02	25.27 0.95 0.00	29.62 1.00 -5.02	22.71 1.00 0.00	28.06 1.31 0.00	52.51 2.53 0.00	33.71 1.78 0.00	34.24 2.05 0.00	28.05 1.62 0.00	32.44 1.50 0.00	30.87 1.26 0.00	27.02 0.96 0.00
PLSNTVLE_13_KV_13KV DISA_REV_LBMP_I 345020	23.78 0.67 0.00	22.42 0.54 0.00	24.14 0.52 0.00	23.02 0.54 0.00	24.28 0.55 0.00	23.40 0.70 0.00	31.88 1.45 0.00	38.24 1.71 -1.85	31.70 1.37 -0.62	35.36 1.36 0.00	31.53 1.28 0.00	33.51 1.30 0.00	27.29 1.03 -0.02	25.27 0.95 0.00	29.62 1.00 -5.02	22.71 1.00 0.00	28.06 1.31 0.00	52.51 2.53 0.00	33.71 1.78 0.00	34.24 2.05 0.00	28.05 1.62 0.00	32.44 1.50 0.00	30.87 1.26 0.00	27.02 0.96 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	23.78 0.66 0.00	22.45 0.58 0.00	24.17 0.55 0.00	23.05 0.57 0.00	24.31 0.58 0.00	23.41 0.71 0.00	31.88 1.45 0.00	36.40 1.72 0.00	31.10 1.40 0.00	35.37 1.36 0.00	31.47 1.22 0.00	33.41 1.20 0.00	27.22 0.97 0.00	25.26 0.93 0.00	25.79 1.00 -1.18	22.72 1.01 0.00	28.07 1.32 0.00	52.48 2.49 0.00	33.76 1.84 0.00	34.32 2.12 0.00	28.09 1.67 0.00	32.51 1.56 0.00	30.91 1.30 0.00	27.01 0.95 0.00
POLETTI____ 23519	24.05 0.94 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.52 0.78 0.00	23.65 0.95 0.00	32.35 1.92 0.00	86.96 2.26 -50.02	48.29 1.78 -16.81	35.81 1.81 0.00	32.07 1.78 -0.05	34.04 1.83 -0.01	27.78 1.42 -0.11	25.60 1.27 0.00	35.86 1.32 -10.94	23.02 1.30 0.00	28.41 1.66 0.00	52.83 2.84 0.00	34.03 2.11 0.00	34.69 2.50 0.00	28.44 2.02 0.00	32.85 1.90 0.00	31.27 1.66 0.00	27.26 1.20 0.00
POMONA____ESR 323819	23.86 0.74 0.00	22.46 0.58 0.00	24.19 0.57 0.00	23.07 0.59 0.00	24.34 0.62 0.00	23.48 0.78 0.00	32.04 1.61 0.00	35.43 1.86 1.11	30.79 1.46 0.37	35.47 1.47 0.00	31.68 1.43 0.00	33.65 1.44 0.00	27.30 1.09 0.03	25.30 0.98 0.00	13.12 1.01 11.50	22.71 1.00 0.00	28.05 1.30 0.00	52.37 2.39 0.00	33.72 1.80 0.00	34.36 2.17 0.00	28.15 1.73 0.00	32.55 1.60 0.00	31.00 1.39 0.00	27.06 1.00 0.00
PORT_JEFF_3 23555	24.18 1.00 -0.06	22.80 0.92 0.00	24.53 0.90 0.00	23.41 0.93 0.00	24.66 0.93 0.00	23.79 1.09 0.00	32.42 1.99 0.00	34.87 2.12 1.92	30.61 1.56 0.65	35.42 1.42 0.00	31.66 1.38 -0.04	34.26 1.85 -0.20	28.22 1.49 -0.49	26.22 1.35 -0.55	36.78 1.54 -11.63	23.23 1.41 -0.11	29.23 1.70 -0.78	54.10 3.51 -0.60	34.16 2.23 0.00	35.16 2.96 0.00	29.23 2.23 -0.57	33.11 2.15 -0.01	32.08 2.11 -0.36	28.35 1.70 -0.59
PORT_JEFF_4 23616	24.18 1.00 -0.06	22.80 0.92 0.00	24.53 0.90 0.00	23.41 0.93 0.00	24.66 0.93 0.00	23.79 1.09 0.00	32.42 1.99 0.00	34.87 2.12 1.92	30.61 1.56 0.65	35.42 1.42 0.00	31.66 1.38 -0.04	34.26 1.85 -0.20	28.22 1.49 -0.49	26.22 1.35 -0.55	36.78 1.54 -11.63	23.23 1.41 -0.11	29.23 1.70 -0.78	54.10 3.51 -0.60	34.16 2.23 0.00	35.16 2.96 0.00	29.23 2.23 -0.57	33.11 2.15 -0.01	32.08 2.11 -0.36	28.35 1.70 -0.59
PORT_JEFF_IC 23713	24.16 0.98 -0.06	22.79 0.91 0.00	24.51 0.89 0.00	23.40 0.92 0.00	24.66 0.93 0.00	23.79 1.08 0.00	32.41 1.99 0.00	34.84 2.09 1.92	30.59 1.53 0.65	35.40 1.40 0.00	31.63 1.35 -0.04	34.25 1.83 -0.20	28.22 1.48 -0.50	26.22 1.32 -0.57	36.79 1.54 -11.65	23.23 1.40 -0.11	29.23 1.68 -0.81	54.11 3.51 -0.62	34.16 2.23 0.00	35.17 2.97 0.00	29.25 2.24 -0.59	33.10 2.15 -0.01	32.09 2.11 -0.37	28.37 1.70 -0.61
PPL PILGRIM_ST_GT1 24216	24.38 1.19 -0.07	22.93 1.06 0.00	24.68 1.06 0.00	23.53 1.06 0.00	24.80 1.07 0.00	23.91 1.21 0.00	32.61 2.18 0.00	35.13 2.38 1.92	30.86 1.81 0.65	35.70 1.70 0.00	31.97 1.68 -0.04	34.60 2.16 -0.23	28.52 1.71 -0.57	26.50 1.52 -0.65	37.01 1.67 -11.74	23.32 1.48 -0.13	29.49 1.82 -0.92	54.47 3.77 -0.71	34.37 2.45 0.00	35.28 3.09 0.00	29.47 2.38 -0.67	33.28 2.32 -0.01	32.26 2.23 -0.43	28.58 1.82 -0.69

PPL PILGRIM_ST_GT2 24217	24.38 1.19 -0.07	22.93 1.06 0.00	24.68 1.06 0.00	23.53 1.06 0.00	24.80 1.07 0.00	23.91 1.21 0.00	32.61 2.18 0.00	35.13 2.38 1.92	30.86 1.81 0.65	35.70 1.70 0.00	31.97 1.68 -0.04	34.60 2.16 -0.23	28.52 1.71 -0.57	26.50 1.52 -0.65	37.01 1.67 -11.74	23.32 1.48 -0.13	29.49 1.82 -0.92	54.47 3.77 -0.71	34.37 2.45 0.00	35.28 3.09 0.00	29.47 2.38 -0.67	33.28 2.32 -0.01	32.26 2.23 -0.43	28.58 1.82 -0.69
PPL_SHRM_GT3 24213	23.78 0.60 -0.06	22.57 0.70 0.00	24.28 0.66 0.00	23.21 0.74 0.00	24.47 0.74 0.00	23.62 0.92 0.00	32.14 1.71 0.00	34.30 1.55 1.92	30.06 1.00 0.65	34.59 0.59 0.00	31.00 0.72 -0.04	33.74 1.32 -0.20	27.86 1.12 -0.49	25.90 1.02 -0.56	36.52 1.27 -11.64	23.01 1.19 -0.11	28.93 1.39 -0.79	53.62 3.03 -0.61	33.67 1.74 0.00	34.99 2.80 0.00	28.94 1.94 -0.58	32.76 1.80 -0.01	31.91 1.93 -0.37	28.22 1.56 -0.60
PPL_SHRM_GT4 24214	23.78 0.60 -0.06	22.57 0.70 0.00	24.28 0.66 0.00	23.21 0.74 0.00	24.47 0.74 0.00	23.62 0.92 0.00	32.14 1.71 0.00	34.30 1.55 1.92	30.06 1.00 0.65	34.59 0.59 0.00	31.00 0.72 -0.04	33.74 1.32 -0.20	27.86 1.12 -0.49	25.90 1.02 -0.56	36.52 1.27 -11.64	23.01 1.19 -0.11	28.93 1.39 -0.79	53.62 3.03 -0.61	33.67 1.74 0.00	34.99 2.80 0.00	28.94 1.94 -0.58	32.76 1.80 -0.01	31.91 1.93 -0.37	28.22 1.56 -0.60
PROJECT___ORANGE 1 24174	22.88 -0.24 0.00	21.65 -0.23 0.00	23.43 -0.19 0.00	22.30 -0.17 0.00	23.59 -0.14 0.00	22.59 -0.12 0.00	30.31 -0.12 0.00	34.57 -0.10 0.00	29.63 -0.07 0.00	33.82 -0.18 0.00	30.10 -0.14 0.00	32.06 -0.15 0.00	25.93 -0.31 0.00	24.04 -0.28 0.00	23.29 -0.31 0.00	21.42 -0.29 0.00	26.31 -0.44 0.00	49.14 -0.84 0.00	31.45 -0.47 0.00	31.85 -0.34 0.00	26.18 -0.24 0.00	30.51 -0.44 0.00	29.24 -0.37 0.00	25.73 -0.33 0.00
PROJECT___ORANGE 2 24166	22.88 -0.24 0.00	21.65 -0.23 0.00	23.43 -0.19 0.00	22.30 -0.17 0.00	23.59 -0.14 0.00	22.59 -0.12 0.00	30.31 -0.12 0.00	34.57 -0.10 0.00	29.63 -0.07 0.00	33.82 -0.18 0.00	30.10 -0.14 0.00	32.06 -0.15 0.00	25.93 -0.31 0.00	24.04 -0.28 0.00	23.29 -0.31 0.00	21.42 -0.29 0.00	26.31 -0.44 0.00	49.14 -0.84 0.00	31.45 -0.47 0.00	31.85 -0.34 0.00	26.18 -0.24 0.00	30.51 -0.44 0.00	29.24 -0.37 0.00	25.73 -0.33 0.00
PUCKETT___SOLAR 323809	23.35 0.22 -0.02	21.99 0.11 0.00	23.89 0.27 0.00	22.68 0.21 0.00	24.03 0.30 0.00	23.12 0.39 -0.03	31.31 0.87 -0.01	35.87 0.98 -0.21	32.13 0.75 -1.68	35.10 0.75 -0.34	31.02 0.64 -0.14	32.99 0.63 -0.14	26.41 0.17 0.00	24.50 0.18 0.00	23.71 0.11 0.00	21.81 0.10 0.00	26.83 0.08 0.00	50.32 0.33 0.00	32.13 0.21 0.00	32.65 0.46 0.00	26.82 0.40 0.00	31.17 0.19 -0.03	29.92 0.25 -0.05	26.25 0.19 0.00
PYRITES___HYD 24023	23.20 0.08 0.00	21.97 0.10 0.00	23.71 0.09 0.00	22.48 0.00 0.00	23.73 0.00 0.00	22.63 -0.07 0.00	30.16 -0.27 0.00	34.39 -0.29 0.00	29.33 -0.37 0.00	33.85 -0.15 0.00	30.06 -0.19 0.00	31.87 -0.34 0.00	26.16 -0.08 0.00	24.09 -0.23 0.00	23.26 -0.34 0.00	21.26 -0.46 0.00	26.22 -0.53 0.00	49.61 -0.37 0.00	31.50 -0.42 0.00	31.66 -0.53 0.00	26.03 -0.40 0.00	30.89 -0.06 0.00	29.51 -0.10 0.00	26.07 0.01 0.00
QUAKERRD_115KV_BK1 80622	22.02 -1.10 0.00	20.85 -1.02 0.00	22.70 -0.92 0.00	21.62 -0.86 0.00	22.89 -0.84 0.00	21.86 -0.85 0.00	29.22 -1.20 0.00	33.46 -1.21 0.00	28.77 -0.94 0.00	32.78 -1.22 0.00	29.20 -1.05 0.00	31.06 -1.15 0.00	24.96 -1.28 0.00	23.11 -1.21 0.00	22.26 -1.35 0.00	20.39 -1.32 0.00	25.02 -1.73 0.00	46.66 -3.33 0.00	29.81 -2.12 0.00	30.20 -1.99 0.00	24.90 -1.52 0.00	29.03 -1.91 0.00	28.06 -1.56 0.00	24.88 -1.18 0.00
QUENSBRY_115KV_TB8 356137	23.85 0.73 0.00	22.65 0.78 0.00	24.32 0.71 0.00	23.19 0.71 0.00	24.51 0.77 0.00	23.50 0.80 0.00	31.68 1.25 0.00	36.16 1.48 0.00	31.02 1.32 0.00	35.00 0.99 0.00	30.92 0.68 0.00	33.06 0.85 0.00	26.92 0.68 0.00	24.99 0.67 0.00	24.33 0.72 0.00	22.61 0.90 0.00	28.12 1.37 0.00	52.66 2.68 0.00	33.63 1.70 0.00	33.99 1.79 0.00	27.78 1.36 0.00	32.26 1.31 0.00	30.69 1.08 0.00	26.97 0.91 0.00
RAMAPO___LBMP 323565	23.78 0.66 0.00	22.39 0.52 0.00	24.12 0.50 0.00	23.00 0.52 0.00	24.27 0.54 0.00	23.40 0.70 0.00	31.93 1.50 0.00	35.36 1.74 1.05	30.71 1.36 0.35	35.34 1.34 0.00	31.56 1.31 0.00	33.51 1.30 0.00	27.20 0.99 0.03	25.20 0.88 0.00	13.61 0.91 10.90	22.62 0.91 0.00	27.93 1.18 0.00	52.12 2.14 0.00	33.56 1.64 0.00	34.20 2.00 0.00	28.02 1.59 0.00	32.40 1.45 0.00	30.86 1.25 0.00	26.95 0.88 0.00
RANKINE____ 23646	22.15 -0.96 0.00	21.01 -0.87 0.00	23.07 -0.55 0.00	21.98 -0.50 0.00	23.31 -0.42 0.00	22.18 -0.53 0.00	29.44 -0.99 0.00	33.73 -0.95 0.00	29.25 -0.45 0.00	33.28 -0.73 0.00	29.61 -0.63 0.00	31.44 -0.76 0.00	24.88 -1.36 0.00	22.97 -1.35 0.00	21.98 -1.62 0.00	20.04 -1.68 0.00	24.51 -2.24 0.00	45.41 -4.58 0.00	28.89 -3.04 0.00	29.26 -2.93 0.00	24.32 -2.10 0.00	28.41 -2.54 0.00	27.82 -1.79 0.00	24.99 -1.07 0.00
RAVENSWOOD_GT2_1 24244	24.03 0.92 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.33 1.90 0.00	86.13 2.24 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.81 -0.01	27.76 1.41 -0.11	25.59 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.48 0.00	28.43 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.19 0.00
RAVENSWOOD_GT2_2 24245	24.03 0.92 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.33 1.90 0.00	86.13 2.24 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.81 -0.01	27.76 1.41 -0.11	25.59 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.48 0.00	28.43 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.19 0.00
RAVENSWOOD_GT2_3 24246	24.04 0.93 0.00	22.62 0.75 0.00	24.37 0.75 0.00	23.23 0.75 0.00	24.52 0.78 0.00	23.66 0.96 0.00	32.34 1.91 0.00	86.14 2.25 -49.21	48.03 1.79 -16.54	35.81 1.81 0.00	32.07 1.78 -0.04	34.04 1.82 -0.01	27.78 1.43 -0.11	25.60 1.27 0.00	35.85 1.32 -10.93	23.02 1.30 0.00	28.41 1.66 0.00	52.83 2.84 0.00	34.04 2.11 0.00	34.69 2.50 0.00	28.44 2.02 0.00	32.85 1.90 0.00	31.28 1.67 0.00	27.26 1.20 0.00
RAVENSWOOD_GT2_4 24247	24.04 0.93 0.00	22.62 0.75 0.00	24.37 0.75 0.00	23.23 0.75 0.00	24.52 0.78 0.00	23.66 0.96 0.00	32.34 1.91 0.00	86.14 2.25 -49.21	48.03 1.79 -16.54	35.81 1.81 0.00	32.07 1.78 -0.04	34.04 1.82 -0.01	27.78 1.43 -0.11	25.60 1.27 0.00	35.85 1.32 -10.93	23.02 1.30 0.00	28.41 1.66 0.00	52.83 2.84 0.00	34.04 2.11 0.00	34.69 2.50 0.00	28.44 2.02 0.00	32.85 1.90 0.00	31.28 1.67 0.00	27.26 1.20 0.00

RAVENSWOOD_GT3_1 24248	24.03 0.92 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.33 1.90 0.00	86.13 2.24 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.81 -0.01	27.76 1.41 -0.11	25.59 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.65 0.00	52.82 2.84 0.00	34.02 2.09 0.00	34.67 2.48 0.00	28.43 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.19 0.00
RAVENSWOOD_GT3_2 24249	24.03 0.92 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.33 1.90 0.00	86.13 2.24 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.81 -0.01	27.76 1.41 -0.11	25.59 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.65 0.00	52.82 2.84 0.00	34.02 2.09 0.00	34.67 2.48 0.00	28.43 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.19 0.00
RAVENSWOOD_GT3_3 24250	24.06 0.95 0.00	22.64 0.77 0.00	24.39 0.77 0.00	23.25 0.77 0.00	24.54 0.81 0.00	23.68 0.98 0.00	32.37 1.94 0.00	86.18 2.29 -49.21	48.06 1.82 -16.54	35.85 1.84 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.80 1.46 -0.11	25.63 1.30 0.00	35.87 1.34 -10.93	23.05 1.33 0.00	28.44 1.69 0.00	52.88 2.90 0.00	34.07 2.15 0.00	34.72 2.53 0.00	28.47 2.05 0.00	32.88 1.93 0.00	31.31 1.70 0.00	27.29 1.23 0.00
RAVENSWOOD_GT3_4 24251	24.06 0.95 0.00	22.64 0.77 0.00	24.39 0.77 0.00	23.25 0.77 0.00	24.54 0.81 0.00	23.68 0.98 0.00	32.37 1.94 0.00	86.18 2.29 -49.21	48.06 1.82 -16.54	35.85 1.84 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.80 1.46 -0.11	25.63 1.30 0.00	35.87 1.34 -10.93	23.05 1.33 0.00	28.44 1.69 0.00	52.88 2.90 0.00	34.07 2.15 0.00	34.72 2.53 0.00	28.47 2.05 0.00	32.88 1.93 0.00	31.31 1.70 0.00	27.29 1.23 0.00
RAVENSWOOD_GT_1 23729	24.11 1.00 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.29 0.81 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.43 2.00 0.00	86.24 2.35 -49.21	48.15 1.91 -16.54	35.94 1.94 0.00	32.20 1.91 -0.04	34.16 1.94 -0.01	27.89 1.54 -0.11	25.69 1.36 0.00	35.94 1.41 -10.93	23.10 1.39 0.00	28.51 1.77 0.00	52.96 2.98 0.00	34.15 2.22 0.00	34.79 2.60 0.00	28.53 2.11 0.00	32.94 1.99 0.00	31.37 1.76 0.00	27.34 1.28 0.00
RAVENSWOOD_GT_10 24258	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.32 1.90 0.00	86.13 2.23 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.80 -0.01	27.76 1.41 -0.11	25.58 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_11 24259	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.32 1.90 0.00	86.13 2.23 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.80 -0.01	27.76 1.41 -0.11	25.58 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_4 24252	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.64 0.94 0.00	32.32 1.89 0.00	86.13 2.23 -49.21	48.00 1.76 -16.54	35.79 1.78 0.00	32.05 1.75 -0.04	34.01 1.80 -0.01	27.76 1.41 -0.11	25.58 1.25 0.00	35.83 1.30 -10.93	23.00 1.29 0.00	28.38 1.63 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_5 24254	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.64 0.94 0.00	32.32 1.89 0.00	86.13 2.23 -49.21	48.00 1.76 -16.54	35.79 1.78 0.00	32.05 1.75 -0.04	34.01 1.80 -0.01	27.76 1.41 -0.11	25.58 1.25 0.00	35.83 1.30 -10.93	23.00 1.29 0.00	28.38 1.63 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_6 24253	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.64 0.94 0.00	32.32 1.89 0.00	86.13 2.23 -49.21	48.00 1.76 -16.54	35.79 1.78 0.00	32.05 1.75 -0.04	34.01 1.80 -0.01	27.76 1.41 -0.11	25.58 1.25 0.00	35.83 1.30 -10.93	23.00 1.29 0.00	28.38 1.63 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_7 24255	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.64 0.94 0.00	32.32 1.89 0.00	86.13 2.23 -49.21	48.00 1.76 -16.54	35.79 1.78 0.00	32.05 1.75 -0.04	34.01 1.80 -0.01	27.76 1.41 -0.11	25.58 1.25 0.00	35.83 1.30 -10.93	23.00 1.29 0.00	28.38 1.63 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.32 1.90 0.00	86.13 2.23 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.80 -0.01	27.76 1.41 -0.11	25.58 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD_GT_9 24257	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.50 0.77 0.00	23.65 0.95 0.00	32.32 1.90 0.00	86.13 2.23 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.80 -0.01	27.76 1.41 -0.11	25.58 1.26 0.00	35.84 1.31 -10.93	23.01 1.29 0.00	28.39 1.64 0.00	52.82 2.83 0.00	34.02 2.09 0.00	34.67 2.47 0.00	28.42 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.18 0.00
RAVENSWOOD___1 23533	24.07 0.95 0.00	22.64 0.76 0.00	24.37 0.75 0.00	23.24 0.76 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.36 1.94 0.00	86.17 2.28 -49.21	48.09 1.85 -16.54	35.85 1.85 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.82 1.47 -0.11	25.63 1.30 0.00	35.88 1.35 -10.93	23.05 1.33 -0.01	28.45 1.70 0.00	52.86 2.87 0.00	34.08 2.16 0.00	34.72 2.52 0.00	28.48 2.05 0.00	32.87 1.93 0.00	31.31 1.70 0.00	27.28 1.22 0.00
RAVENSWOOD___2 23534	24.07 0.95 0.00	22.64 0.76 0.00	24.37 0.75 0.00	23.24 0.76 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.36 1.94 0.00	86.17 2.28 -49.21	48.09 1.85 -16.54	35.85 1.85 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.82 1.47 -0.11	25.63 1.30 0.00	35.88 1.35 -10.93	23.05 1.33 -0.01	28.45 1.70 0.00	52.86 2.87 0.00	34.08 2.16 0.00	34.72 2.52 0.00	28.48 2.05 0.00	32.87 1.93 0.00	31.31 1.70 0.00	27.28 1.22 0.00

RAVENSWOOD___3 23535	24.03 0.91 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.33 1.90 0.00	86.13 2.24 -49.21	48.01 1.77 -16.54	35.80 1.80 0.00	32.05 1.76 -0.04	34.02 1.81 -0.01	27.76 1.41 -0.11	25.59 1.26 0.00	35.83 1.30 -10.93	23.01 1.30 -0.01	28.40 1.65 0.00	52.82 2.84 0.00	34.02 2.09 0.00	34.68 2.48 0.00	28.43 2.00 0.00	32.84 1.89 0.00	31.26 1.65 0.00	27.25 1.19 0.00
RAVENSWOOD___4 23820	24.07 0.95 0.00	22.64 0.76 0.00	24.37 0.75 0.00	23.24 0.76 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.36 1.94 0.00	86.17 2.28 -49.21	48.09 1.85 -16.54	35.85 1.85 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.82 1.47 -0.11	25.63 1.30 0.00	35.88 1.35 -10.93	23.05 1.33 -0.01	28.45 1.70 0.00	52.86 2.87 0.00	34.08 2.16 0.00	34.72 2.52 0.00	28.48 2.05 0.00	32.87 1.93 0.00	31.31 1.70 0.00	27.28 1.22 0.00
RCPL_TRUST___DRP 24196	24.06 0.94 0.00	22.63 0.75 0.00	24.37 0.75 0.00	23.23 0.75 0.00	24.52 0.79 0.00	23.67 0.97 0.00	32.38 1.95 0.00	87.91 2.31 -50.92	48.62 1.81 -17.11	35.85 1.85 0.00	32.11 1.82 -0.05	34.08 1.87 -0.01	27.81 1.46 -0.11	25.62 1.29 0.00	35.89 1.34 -10.95	23.05 1.33 0.00	28.43 1.69 0.00	52.88 2.89 0.00	34.05 2.13 0.00	34.71 2.52 0.00	28.46 2.03 0.00	32.87 1.92 0.00	31.29 1.68 0.00	27.27 1.20 0.00
RED___ROCHESTER 323720	22.53 -0.55 0.03	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.25 0.00	22.37 -0.29 0.05	29.93 -0.49 0.02	33.97 -0.34 0.36	26.71 -0.14 2.86	33.11 -0.31 0.58	29.78 -0.24 0.23	31.66 -0.30 0.24	25.56 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.82 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.59 -1.30 0.06	28.63 -0.88 0.10	25.52 -0.54 0.00
REGAN___SOLAR 323812	25.26 2.14 0.00	23.85 1.98 0.00	25.72 2.10 0.00	24.49 2.01 0.00	25.89 2.16 0.00	24.89 2.19 0.00	33.80 3.37 0.00	38.68 4.01 0.00	33.06 3.35 0.00	37.56 3.56 0.00	32.82 2.57 0.00	34.91 2.70 0.00	28.42 2.18 0.00	26.31 1.99 0.00	25.54 1.93 0.00	23.65 1.94 0.00	29.41 2.66 0.00	55.47 5.48 0.00	35.28 3.36 0.00	35.79 3.59 0.00	29.40 2.97 0.00	34.22 3.27 0.00	32.66 3.05 0.00	28.60 2.53 0.00
RENSSELAER___COGEN 23796	23.55 0.43 0.00	22.30 0.42 0.00	24.05 0.42 0.00	22.92 0.44 0.00	24.18 0.45 0.00	23.21 0.51 0.00	31.36 0.93 0.00	35.75 1.08 0.00	30.65 0.95 0.00	34.82 0.82 0.00	30.88 0.64 0.00	32.93 0.71 0.00	26.90 0.66 0.00	24.95 0.62 0.00	24.31 0.70 0.00	22.47 0.76 0.00	27.72 0.97 0.00	51.69 1.71 0.00	33.17 1.24 0.00	33.49 1.30 0.00	27.41 0.99 0.00	31.90 0.95 0.00	30.37 0.75 0.00	26.71 0.64 0.00
REPUBLIC_115KV_BARTNBRK 55605	24.73 1.61 0.00	23.68 1.81 0.00	25.32 1.70 0.00	24.13 1.65 0.00	25.47 1.74 0.00	24.43 1.72 0.00	32.97 2.54 0.00	37.60 2.92 0.00	32.77 3.07 0.00	36.76 2.76 0.00	31.94 1.69 0.00	33.97 1.76 0.00	27.54 1.30 0.00	25.68 1.35 0.00	25.07 1.47 0.00	23.40 1.69 0.00	29.42 2.67 0.00	55.14 5.16 0.00	34.94 3.02 0.00	35.38 3.18 0.00	28.65 2.22 0.00	33.19 2.24 0.00	31.60 1.99 0.00	27.77 1.71 0.00
REVERE_CPPR_DRP 24186	23.77 0.66 0.00	22.45 0.58 0.00	24.24 0.62 0.00	23.07 0.59 0.00	24.41 0.67 0.00	23.46 0.76 0.00	31.80 1.37 0.00	36.33 1.65 0.00	31.10 1.40 0.00	35.31 1.31 0.00	31.34 1.09 0.00	33.39 1.18 0.00	27.23 0.99 0.00	25.07 0.74 0.00	24.40 0.80 0.00	22.37 0.65 0.00	27.54 0.79 0.00	51.41 1.42 0.00	33.06 1.13 0.00	33.47 1.28 0.00	27.49 1.07 0.00	32.08 1.13 0.00	30.55 0.94 0.00	26.77 0.70 0.00
REYNOLDS_115KV_TB3 80639	23.47 0.36 0.00	22.24 0.37 0.00	23.98 0.36 0.00	22.86 0.38 0.00	24.11 0.38 0.00	23.14 0.44 0.00	31.26 0.83 0.00	35.62 0.95 0.00	30.55 0.85 0.00	34.70 0.70 0.00	30.77 0.52 0.00	32.84 0.63 0.00	26.86 0.61 0.00	24.89 0.57 0.00	25.32 0.66 -1.06	22.45 0.74 0.00	27.69 0.94 0.00	51.57 1.59 0.00	33.09 1.17 0.00	33.39 1.20 0.00	27.32 0.90 0.00	31.78 0.84 0.00	30.26 0.65 0.00	26.64 0.58 0.00
RIVERBAY____ 323610	24.01 0.89 0.00	22.67 0.80 0.00	24.37 0.75 0.00	23.25 0.77 0.00	24.55 0.82 0.00	23.82 1.12 0.00	32.55 2.12 0.00	86.29 2.40 -49.21	48.13 1.89 -16.54	35.75 1.74 0.00	32.00 1.70 -0.04	33.93 1.72 -0.01	27.74 1.39 -0.11	25.51 1.19 0.00	35.77 1.24 -10.93	22.95 1.23 0.00	28.33 1.58 0.00	52.63 2.65 0.00	33.95 2.02 0.00	34.59 2.39 0.00	28.41 1.99 0.00	32.77 1.83 0.00	31.19 1.58 0.00	27.18 1.12 0.00
RIVERSDE_115KV_TB3 55908	23.55 0.43 0.00	22.30 0.43 0.00	24.05 0.43 0.00	22.92 0.44 0.00	24.19 0.45 0.00	23.21 0.51 0.00	31.37 0.94 0.00	35.76 1.08 0.00	30.66 0.96 0.00	34.83 0.83 0.00	30.88 0.63 0.00	32.95 0.74 0.00	26.93 0.69 0.00	24.97 0.65 0.00	24.34 0.74 0.00	22.51 0.79 0.00	27.76 1.01 0.00	51.76 1.77 0.00	33.20 1.28 0.00	33.51 1.31 0.00	27.42 1.00 0.00	31.90 0.96 0.00	30.37 0.76 0.00	26.73 0.66 0.00
ROARING___BROOK_WT_PWR 323790	22.81 -0.30 0.00	21.57 -0.30 0.00	23.30 -0.32 0.00	22.12 -0.36 0.00	23.38 -0.35 0.00	22.39 -0.31 0.00	30.01 -0.42 0.00	34.26 -0.41 0.00	29.31 -0.39 0.00	33.37 -0.63 0.00	29.36 -0.89 0.00	31.51 -0.70 0.00	26.01 -0.23 0.00	24.06 -0.27 0.00	23.12 -0.48 0.00	21.04 -0.67 0.00	25.86 -0.89 0.00	48.36 -1.62 0.00	30.98 -0.94 0.00	31.16 -1.04 0.00	25.68 -0.74 0.00	30.30 -0.65 0.00	29.01 -0.60 0.00	25.53 -0.53 0.00
ROCHESRG_115KV_T4 355643	22.33 -0.79 0.00	21.15 -0.72 0.00	23.07 -0.55 0.00	21.96 -0.52 0.00	23.26 -0.48 0.00	22.19 -0.52 0.00	29.61 -0.82 0.00	33.93 -0.74 0.00	29.21 -0.49 0.00	33.29 -0.72 0.00	29.64 -0.61 0.00	31.51 -0.70 0.00	25.24 -1.00 0.00	23.37 -0.96 0.00	22.49 -1.11 0.00	20.60 -1.12 0.00	25.24 -1.51 0.00	47.01 -2.98 0.00	30.01 -1.91 0.00	30.41 -1.78 0.00	25.11 -1.32 0.00	29.28 -1.66 0.00	28.39 -1.22 0.00	25.24 -0.82 0.00
ROCHESTER_9_IC 23652	22.46 -0.65 0.00	21.26 -0.61 0.00	23.20 -0.42 0.00	22.08 -0.40 0.00	23.39 -0.34 0.00	22.32 -0.39 0.00	29.80 -0.63 0.00	34.16 -0.52 0.00	29.41 -0.29 0.00	33.52 -0.48 0.00	29.85 -0.40 0.00	31.74 -0.46 0.00	25.42 -0.82 0.00	23.52 -0.80 0.00	22.64 -0.96 0.00	20.73 -0.99 0.00	25.39 -1.36 0.00	47.31 -2.68 0.00	30.21 -1.71 0.00	30.63 -1.56 0.00	25.29 -1.13 0.00	29.49 -1.46 0.00	28.57 -1.04 0.00	25.40 -0.66 0.00
ROCKVIEW_13_KV_LD 356306	24.03 0.91 0.00	22.61 0.74 0.00	24.33 0.71 0.00	23.20 0.72 0.00	24.48 0.75 0.00	23.61 0.91 0.00	32.25 1.82 0.00	36.84 2.16 0.00	31.44 1.74 0.00	35.78 1.77 0.00	31.97 1.72 0.00	33.99 1.77 0.00	27.65 1.38 -0.03	25.57 1.25 0.00	35.87 1.28 -10.99	22.98 1.27 0.00	28.37 1.62 0.00	52.80 2.82 0.00	33.99 2.07 0.00	34.65 2.45 0.00	28.39 1.96 0.00	32.81 1.86 0.00	31.24 1.63 0.00	27.24 1.18 0.00

ROME____115KV_TB2 80656	23.77 0.66 0.00	22.45 0.58 0.00	24.24 0.62 0.00	23.07 0.59 0.00	24.41 0.67 0.00	23.46 0.76 0.00	31.80 1.37 0.00	36.33 1.65 0.00	31.10 1.40 0.00	35.31 1.31 0.00	31.34 1.09 0.00	33.39 1.18 0.00	27.23 0.99 0.00	25.07 0.74 0.00	24.40 0.80 0.00	22.37 0.65 0.00	27.54 0.79 0.00	51.41 1.42 0.00	33.06 1.13 0.00	33.47 1.28 0.00	27.49 1.07 0.00	32.08 1.13 0.00	30.55 0.94 0.00	26.77 0.70 0.00
ROSETON____1 23587	23.62 0.51 0.00	22.29 0.41 0.00	24.01 0.39 0.00	22.89 0.41 0.00	24.15 0.42 0.00	23.25 0.54 0.00	31.64 1.21 0.00	36.09 1.42 0.00	30.84 1.13 0.00	35.09 1.08 0.00	31.26 1.02 0.00	33.23 1.02 0.00	27.05 0.81 0.00	25.07 0.75 0.00	24.40 0.80 0.00	22.54 0.82 0.00	27.83 1.08 0.00	52.00 2.02 0.00	33.41 1.49 0.00	33.94 1.75 0.00	27.79 1.37 0.00	32.18 1.24 0.00	30.63 1.02 0.00	26.81 0.74 0.00
ROSETON____2 23588	23.62 0.51 0.00	22.29 0.41 0.00	24.01 0.39 0.00	22.89 0.41 0.00	24.15 0.42 0.00	23.25 0.54 0.00	31.64 1.21 0.00	36.09 1.42 0.00	30.84 1.13 0.00	35.09 1.08 0.00	31.26 1.02 0.00	33.23 1.02 0.00	27.05 0.81 0.00	25.07 0.75 0.00	24.40 0.80 0.00	22.54 0.82 0.00	27.83 1.08 0.00	52.00 2.02 0.00	33.41 1.49 0.00	33.94 1.75 0.00	27.79 1.37 0.00	32.18 1.24 0.00	30.63 1.02 0.00	26.81 0.74 0.00
ROTTREDAM_115KV_TB3 80664	23.51 0.40 0.00	22.25 0.38 0.00	23.99 0.37 0.00	22.85 0.37 0.00	24.12 0.39 0.00	23.15 0.45 0.00	31.25 0.82 0.00	35.63 0.95 0.00	30.54 0.84 0.00	34.73 0.72 0.00	30.77 0.52 0.00	32.79 0.57 0.00	26.75 0.51 0.00	24.81 0.49 0.00	24.15 0.54 0.00	22.29 0.58 0.00	27.53 0.78 0.00	51.45 1.46 0.00	32.94 1.02 0.00	33.30 1.11 0.00	27.28 0.85 0.00	31.75 0.81 0.00	30.28 0.67 0.00	26.61 0.54 0.00
RUSSELL____1 23602	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
RUSSELL____2 23532	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
RUSSELL____3 23549	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
RUSSELL____4 23556	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
RUSSELL____STATION 23914	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
S SALMON____HYD 24043	22.65 -0.46 0.00	21.42 -0.46 0.00	23.09 -0.53 0.00	21.96 -0.52 0.00	23.29 -0.44 0.00	22.38 -0.32 0.00	30.13 -0.30 0.00	34.39 -0.29 0.00	29.50 -0.21 0.00	33.68 -0.32 0.00	29.86 -0.39 0.00	31.86 -0.35 0.00	25.83 -0.41 0.00	23.74 -0.59 0.00	22.91 -0.69 0.00	20.97 -0.75 0.00	25.73 -1.02 0.00	48.15 -1.84 0.00	30.89 -1.04 0.00	31.39 -0.81 0.00	25.84 -0.58 0.00	30.22 -0.73 0.00	28.81 -0.80 0.00	25.33 -0.73 0.00
S.PERRY__115KV_TB1 80734	22.97 -0.14 0.00	21.81 -0.07 0.00	23.78 0.16 0.00	22.66 0.18 0.00	24.06 0.33 0.00	23.00 0.29 0.00	31.16 0.73 0.00	35.78 1.10 0.00	30.73 1.03 0.00	34.96 0.95 0.00	30.95 0.70 0.00	32.92 0.71 0.00	25.81 -0.43 0.00	23.81 -0.51 0.00	22.73 -0.88 0.00	20.81 -0.90 0.00	25.52 -1.23 0.00	47.96 -2.02 0.00	31.11 -0.81 0.00	31.75 -0.45 0.00	26.29 -0.13 0.00	30.50 -0.45 0.00	29.53 -0.08 0.00	26.14 0.07 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.91 -1.21 0.00	20.77 -1.10 0.00	22.82 -0.80 0.00	21.74 -0.74 0.00	23.04 -0.69 0.00	21.91 -0.79 0.00	29.04 -1.39 0.00	33.28 -1.40 0.00	28.84 -0.86 0.00	32.79 -1.21 0.00	29.17 -1.08 0.00	30.97 -1.24 0.00	24.55 -1.69 0.00	22.71 -1.62 0.00	21.75 -1.85 0.00	19.84 -1.87 0.00	24.27 -2.48 0.00	44.94 -5.05 0.00	28.57 -3.35 0.00	28.93 -3.27 0.00	24.03 -2.40 0.00	28.08 -2.87 0.00	27.53 -2.09 0.00	24.74 -1.32 0.00
SAWYER__23_KV_LOAD 55526	21.91 -1.21 0.00	20.77 -1.10 0.00	22.82 -0.80 0.00	21.74 -0.74 0.00	23.04 -0.69 0.00	21.91 -0.79 0.00	29.04 -1.39 0.00	33.28 -1.40 0.00	28.84 -0.86 0.00	32.79 -1.21 0.00	29.17 -1.08 0.00	30.97 -1.24 0.00	24.55 -1.69 0.00	22.71 -1.62 0.00	21.75 -1.85 0.00	19.84 -1.87 0.00	24.27 -2.48 0.00	44.94 -5.05 0.00	28.57 -3.35 0.00	28.93 -3.27 0.00	24.03 -2.40 0.00	28.08 -2.87 0.00	27.53 -2.09 0.00	24.74 -1.32 0.00
SELKIRK____I 23801	23.58 0.47 0.00	22.33 0.46 0.00	24.09 0.47 0.00	22.96 0.48 0.00	24.23 0.50 0.00	23.24 0.54 0.00	31.37 0.94 0.00	35.74 1.06 0.00	30.63 0.93 0.00	34.77 0.77 0.00	30.85 0.60 0.00	32.81 0.60 0.00	26.82 0.57 0.00	24.90 0.58 0.00	24.25 0.64 0.00	22.40 0.68 0.00	27.62 0.87 0.00	51.56 1.58 0.00	33.07 1.14 0.00	33.40 1.20 0.00	27.33 0.91 0.00	31.84 0.89 0.00	30.35 0.74 0.00	26.70 0.64 0.00
SELKIRK____II 23799	23.49 0.37 0.00	22.23 0.35 0.00	23.97 0.35 0.00	22.84 0.37 0.00	24.10 0.37 0.00	23.13 0.43 0.00	31.26 0.83 0.00	35.62 0.95 0.00	30.53 0.83 0.00	34.71 0.71 0.00	30.82 0.57 0.00	32.83 0.61 0.00	26.79 0.55 0.00	24.85 0.53 0.00	24.20 0.60 0.00	22.36 0.64 0.00	27.57 0.82 0.00	51.44 1.45 0.00	32.99 1.07 0.00	33.34 1.15 0.00	27.30 0.87 0.00	31.77 0.83 0.00	30.28 0.67 0.00	26.61 0.55 0.00

SENECA OSWGO___HYD 24041	22.70 -0.42 0.00	21.49 -0.38 0.00	23.24 -0.38 0.00	22.12 -0.36 0.00	23.40 -0.33 0.00	22.40 -0.31 0.00	30.03 -0.40 0.00	34.25 -0.43 0.00	29.34 -0.37 0.00	33.48 -0.52 0.00	29.80 -0.45 0.00	31.74 -0.47 0.00	25.70 -0.54 0.00	23.82 -0.51 0.00	23.06 -0.54 0.00	21.21 -0.50 0.00	26.05 -0.69 0.00	48.70 -1.29 0.00	31.18 -0.74 0.00	31.60 -0.59 0.00	25.97 -0.46 0.00	30.26 -0.68 0.00	28.98 -0.63 0.00	25.52 -0.55 0.00
SENECA___115KV_TB3 355854	22.19 -0.93 0.00	21.03 -0.84 0.00	23.11 -0.51 0.00	22.01 -0.46 0.00	23.35 -0.38 0.00	22.22 -0.49 0.00	29.50 -0.93 0.00	33.79 -0.89 0.00	29.30 -0.40 0.00	33.34 -0.66 0.00	29.67 -0.57 0.00	31.51 -0.70 0.00	24.93 -1.32 0.00	23.01 -1.31 0.00	22.02 -1.58 0.00	20.08 -1.64 0.00	24.55 -2.20 0.00	45.49 -4.49 0.00	28.94 -2.99 0.00	29.33 -2.87 0.00	24.37 -2.06 0.00	28.46 -2.49 0.00	27.87 -1.74 0.00	25.03 -1.04 0.00
SENECA___ENERGY 23797	22.68 -0.43 0.00	21.49 -0.38 0.00	23.30 -0.32 0.00	22.20 -0.27 0.00	23.53 -0.21 0.00	22.52 -0.18 0.00	30.35 -0.08 0.00	34.64 -0.04 0.00	29.68 -0.02 0.00	33.88 -0.12 0.00	30.19 -0.06 0.00	32.09 -0.12 0.00	25.83 -0.41 0.00	23.90 -0.43 0.00	23.05 -0.55 0.00	21.07 -0.65 0.00	25.95 -0.80 0.00	48.45 -1.54 0.00	31.09 -0.84 0.00	31.56 -0.63 0.00	26.01 -0.42 0.00	30.26 -0.68 0.00	29.11 -0.50 0.00	25.64 -0.42 0.00
SHOEMAKER___GT 23640	23.66 0.55 0.00	22.30 0.43 0.00	24.04 0.41 0.00	22.91 0.43 0.00	24.18 0.45 0.00	23.28 0.58 0.00	31.67 1.25 0.00	36.12 1.44 0.00	30.82 1.12 0.00	35.11 1.11 0.00	31.30 1.05 0.00	33.24 1.04 0.00	27.03 0.80 0.02	25.06 0.73 0.00	18.03 0.75 6.32	22.50 0.78 0.00	27.76 1.02 0.00	51.81 1.82 0.00	33.32 1.40 0.00	33.88 1.69 0.00	27.76 1.34 0.00	32.17 1.23 0.00	30.65 1.04 0.00	26.81 0.75 0.00
SHOEMAKR_138KV_BK 111 55601	23.65 0.53 0.00	22.30 0.43 0.00	24.03 0.40 0.00	22.91 0.43 0.00	24.18 0.44 0.00	23.28 0.58 0.00	31.67 1.24 0.00	36.11 1.44 0.00	30.82 1.12 0.00	35.11 1.11 0.00	31.30 1.05 0.00	33.25 1.04 0.00	27.02 0.79 0.02	25.05 0.73 0.00	18.28 0.75 6.08	22.49 0.78 0.00	27.75 1.00 0.00	51.80 1.82 0.00	33.31 1.39 0.00	33.88 1.68 0.00	27.76 1.33 0.00	32.16 1.21 0.00	30.64 1.03 0.00	26.80 0.73 0.00
SHOREHAM_IC_1 23715	23.78 0.60 -0.06	22.57 0.70 0.00	24.28 0.66 0.00	23.21 0.74 0.00	24.47 0.74 0.00	23.62 0.92 0.00	32.14 1.71 0.00	34.30 1.55 1.92	30.06 1.00 0.65	34.59 0.59 0.00	31.00 0.72 -0.04	33.74 1.32 -0.20	27.86 1.12 -0.49	25.90 1.02 -0.56	36.52 1.27 -11.64	23.01 1.19 -0.11	28.93 1.39 -0.79	53.62 3.03 -0.61	33.67 1.74 0.00	34.99 2.80 0.00	28.94 1.94 -0.58	32.76 1.80 -0.01	31.91 1.93 -0.37	28.22 1.56 -0.60
SHOREHAM_IC_2 23716	23.78 0.60 -0.06	22.57 0.70 0.00	24.28 0.66 0.00	23.21 0.74 0.00	24.47 0.74 0.00	23.62 0.92 0.00	32.14 1.71 0.00	34.30 1.55 1.92	30.06 1.00 0.65	34.59 0.59 0.00	31.00 0.72 -0.04	33.74 1.32 -0.20	27.86 1.12 -0.49	25.90 1.02 -0.56	36.52 1.27 -11.64	23.01 1.19 -0.11	28.93 1.39 -0.79	53.62 3.03 -0.61	33.67 1.74 0.00	34.99 2.80 0.00	28.94 1.94 -0.58	32.76 1.80 -0.01	31.91 1.93 -0.37	28.22 1.56 -0.60
SISSONVILLE___ 23735	22.59 -0.53 0.00	21.39 -0.49 0.00	23.08 -0.54 0.00	21.89 -0.59 0.00	23.09 -0.64 0.00	22.03 -0.68 0.00	29.33 -1.10 0.00	33.42 -1.26 0.00	28.50 -1.20 0.00	32.85 -1.15 0.00	29.15 -1.10 0.00	31.04 -1.17 0.00	25.52 -0.72 0.00	23.54 -0.78 0.00	22.74 -0.87 0.00	20.74 -0.97 0.00	25.58 -1.17 0.00	48.21 -1.78 0.00	30.63 -1.30 0.00	30.75 -1.45 0.00	25.27 -1.15 0.00	30.00 -0.95 0.00	28.64 -0.97 0.00	25.30 -0.77 0.00
SITHE_IND_GS1 24169	22.54 -0.57 0.00	21.35 -0.53 0.00	23.08 -0.54 0.00	21.97 -0.51 0.00	23.22 -0.50 0.00	22.21 -0.50 0.00	29.70 -0.73 0.00	33.87 -0.81 0.00	29.02 -0.68 0.00	33.15 -0.86 0.00	29.49 -0.76 0.00	31.39 -0.82 0.00	25.45 -0.79 0.00	23.59 -0.73 0.00	22.86 -0.75 0.00	21.03 -0.69 0.00	25.84 -0.91 0.00	48.26 -1.73 0.00	30.87 -1.05 0.00	31.23 -0.96 0.00	25.66 -0.77 0.00	29.95 -0.99 0.00	28.71 -0.91 0.00	25.28 -0.79 0.00
SITHE_IND_GS2 24170	22.54 -0.57 0.00	21.35 -0.53 0.00	23.08 -0.54 0.00	21.97 -0.51 0.00	23.22 -0.50 0.00	22.21 -0.50 0.00	29.70 -0.73 0.00	33.87 -0.81 0.00	29.02 -0.68 0.00	33.15 -0.86 0.00	29.49 -0.76 0.00	31.39 -0.82 0.00	25.45 -0.79 0.00	23.59 -0.73 0.00	22.86 -0.75 0.00	21.03 -0.69 0.00	25.84 -0.91 0.00	48.26 -1.73 0.00	30.87 -1.05 0.00	31.23 -0.96 0.00	25.66 -0.77 0.00	29.95 -0.99 0.00	28.71 -0.91 0.00	25.28 -0.79 0.00
SITHE_IND_GS3 24171	22.54 -0.57 0.00	21.35 -0.53 0.00	23.08 -0.54 0.00	21.97 -0.51 0.00	23.22 -0.50 0.00	22.21 -0.50 0.00	29.70 -0.73 0.00	33.87 -0.81 0.00	29.02 -0.68 0.00	33.15 -0.86 0.00	29.49 -0.76 0.00	31.39 -0.82 0.00	25.45 -0.79 0.00	23.59 -0.73 0.00	22.86 -0.75 0.00	21.03 -0.69 0.00	25.84 -0.91 0.00	48.26 -1.73 0.00	30.87 -1.05 0.00	31.23 -0.96 0.00	25.66 -0.77 0.00	29.95 -0.99 0.00	28.71 -0.91 0.00	25.28 -0.79 0.00
SITHE_IND_GS4 24172	22.54 -0.57 0.00	21.35 -0.53 0.00	23.08 -0.54 0.00	21.97 -0.51 0.00	23.22 -0.50 0.00	22.21 -0.50 0.00	29.70 -0.73 0.00	33.87 -0.81 0.00	29.02 -0.68 0.00	33.15 -0.86 0.00	29.49 -0.76 0.00	31.39 -0.82 0.00	25.45 -0.79 0.00	23.59 -0.73 0.00	22.86 -0.75 0.00	21.03 -0.69 0.00	25.84 -0.91 0.00	48.26 -1.73 0.00	30.87 -1.05 0.00	31.23 -0.96 0.00	25.66 -0.77 0.00	29.95 -0.99 0.00	28.71 -0.91 0.00	25.28 -0.79 0.00
SITHE___BATAVIA 24024	22.46 -0.60 0.05	21.31 -0.57 0.00	23.36 -0.26 0.00	22.25 -0.23 0.00	23.58 -0.15 0.00	22.42 -0.20 0.08	29.92 -0.49 0.03	33.82 -0.26 0.60	25.08 0.07 4.69	32.86 -0.19 0.95	29.68 -0.19 0.38	31.56 -0.25 0.40	25.42 -0.82 0.00	23.46 -0.86 0.00	22.48 -1.12 0.00	20.54 -1.17 0.00	25.03 -1.72 0.00	46.62 -3.37 0.00	29.82 -2.10 0.00	30.29 -1.91 0.00	25.09 -1.33 0.00	29.15 -1.70 0.09	28.36 -1.10 0.16	25.52 -0.54 0.00
SITHE___INDEPEND 23800	22.55 -0.57 0.00	21.35 -0.53 0.00	23.08 -0.54 0.00	21.97 -0.51 0.00	23.22 -0.50 0.00	22.21 -0.49 0.00	29.70 -0.73 0.00	33.86 -0.81 0.00	29.02 -0.68 0.00	33.15 -0.86 0.00	29.49 -0.76 0.00	31.39 -0.82 0.00	25.45 -0.79 0.00	23.59 -0.73 0.00	22.86 -0.75 0.00	21.03 -0.69 0.00	25.84 -0.91 0.00	48.26 -1.73 0.00	30.87 -1.05 0.00	31.23 -0.96 0.00	25.66 -0.76 0.00	29.95 -0.99 0.00	28.71 -0.90 0.00	25.28 -0.79 0.00
SITHE___MASSENA 23902	23.20 0.09 0.00	21.98 0.11 0.00	23.75 0.12 0.00	22.53 0.05 0.00	23.75 0.02 0.00	22.62 -0.08 0.00	30.06 -0.38 0.00	34.22 -0.46 0.00	29.24 -0.46 0.00	33.73 -0.27 0.00	30.00 -0.25 0.00	31.92 -0.29 0.00	26.19 -0.05 0.00	24.25 -0.08 0.00	23.47 -0.14 0.00	21.48 -0.23 0.00	26.48 -0.27 0.00	49.73 -0.26 0.00	31.59 -0.33 0.00	31.65 -0.55 0.00	26.01 -0.42 0.00	30.81 -0.14 0.00	29.53 -0.09 0.00	26.11 0.04 0.00

SITHE___OGDNSBRG 24021	23.34 0.23 0.00	22.12 0.25 0.00	23.88 0.26 0.00	22.64 0.16 0.00	23.88 0.15 0.00	22.77 0.07 0.00	30.31 -0.12 0.00	34.55 -0.13 0.00	29.49 -0.21 0.00	34.03 0.03 0.00	30.24 -0.01 0.00	32.02 -0.19 0.00	26.29 0.05 0.00	24.22 -0.10 0.00	23.40 -0.21 0.00	21.44 -0.27 0.00	26.43 -0.32 0.00	49.95 -0.03 0.00	31.71 -0.21 0.00	31.88 -0.32 0.00	26.19 -0.23 0.00	31.07 0.12 0.00	29.72 0.11 0.00	26.28 0.21 0.00
SITHE___STERLING 23777	23.59 0.47 0.00	22.28 0.41 0.00	24.10 0.47 0.00	22.93 0.45 0.00	24.25 0.52 0.00	23.29 0.58 0.00	31.49 1.06 0.00	35.98 1.30 0.00	30.78 1.08 0.00	34.94 0.93 0.00	31.06 0.82 0.00	33.10 0.89 0.00	26.96 0.71 0.00	24.90 0.57 0.00	24.22 0.62 0.00	22.24 0.53 0.00	27.38 0.63 0.00	51.12 1.13 0.00	32.82 0.89 0.00	33.23 1.03 0.00	27.28 0.85 0.00	31.80 0.85 0.00	30.32 0.71 0.00	26.58 0.52 0.00
SLEIGHT__34_KV_TB1 80719	22.55 -0.57 0.00	21.34 -0.53 0.00	23.19 -0.43 0.00	22.09 -0.39 0.00	23.40 -0.34 0.00	22.37 -0.34 0.00	30.01 -0.42 0.00	34.34 -0.33 0.00	29.48 -0.22 0.00	33.61 -0.39 0.00	29.94 -0.31 0.00	31.85 -0.36 0.00	25.63 -0.61 0.00	23.73 -0.59 0.00	22.88 -0.72 0.00	20.95 -0.77 0.00	25.73 -1.02 0.00	48.08 -1.91 0.00	30.75 -1.18 0.00	31.18 -1.02 0.00	25.66 -0.77 0.00	29.91 -1.04 0.00	28.82 -0.79 0.00	25.48 -0.59 0.00
SOUTH CAIRO___GT 23612	24.40 1.28 0.00	23.09 1.22 0.00	24.91 1.29 0.00	23.75 1.27 0.00	25.07 1.34 0.00	24.09 1.39 0.00	32.63 2.20 0.00	37.29 2.62 0.00	32.05 2.35 0.00	36.22 2.21 0.00	31.98 1.73 0.00	33.96 1.75 0.00	27.60 1.36 0.00	25.63 1.31 0.00	25.08 1.47 0.00	23.15 1.44 0.00	28.66 1.91 0.00	53.78 3.79 0.00	34.62 2.69 0.00	34.98 2.78 0.00	28.57 2.14 0.00	33.23 2.28 0.00	31.60 1.99 0.00	27.78 1.72 0.00
SOUTH HAMPTN___IC 23720	24.08 0.90 -0.06	22.82 0.95 0.00	24.56 0.94 0.00	23.47 1.00 0.00	24.75 1.02 0.00	23.90 1.20 0.00	32.54 2.11 0.00	34.80 2.05 1.92	30.50 1.45 0.65	35.30 1.30 0.00	31.40 1.12 -0.04	34.10 1.69 -0.20	28.12 1.40 -0.49	26.14 1.27 -0.55	36.78 1.54 -11.63	23.25 1.43 -0.11	29.24 1.71 -0.78	54.15 3.56 -0.60	34.09 2.16 0.00	35.39 3.19 0.00	29.27 2.28 -0.57	33.15 2.19 -0.01	32.25 2.28 -0.36	28.51 1.86 -0.59
SOUTHDOW__115KV_TB1 355954	23.13 0.01 0.00	21.79 -0.08 0.00	24.01 0.39 0.00	22.93 0.45 0.00	24.26 0.53 0.00	23.16 0.46 0.00	30.98 0.54 0.00	35.37 0.69 0.00	30.74 1.04 0.00	35.02 1.01 0.00	31.24 0.99 0.00	33.01 0.80 0.00	26.00 -0.24 0.00	23.94 -0.38 0.00	22.77 -0.83 0.00	20.74 -0.97 0.00	25.43 -1.32 0.00	47.22 -2.76 0.00	30.11 -1.82 0.00	30.59 -1.60 0.00	25.47 -0.95 0.00	29.66 -1.29 0.00	28.97 -0.64 0.00	26.16 0.10 0.00
SOUTHOLD_69_KV_BK 2 55809	24.41 1.23 -0.06	23.12 1.25 0.00	24.89 1.27 0.00	23.79 1.31 0.00	25.09 1.36 0.00	24.25 1.54 0.00	33.04 2.61 0.00	35.39 2.64 1.92	30.99 1.93 0.65	35.80 1.80 0.00	31.82 1.54 -0.04	34.49 2.08 -0.20	28.42 1.70 -0.49	26.41 1.53 -0.55	37.08 1.84 -11.63	23.54 1.71 -0.11	29.60 2.07 -0.78	54.85 4.26 -0.60	34.59 2.66 0.00	35.93 3.74 0.00	29.72 2.72 -0.57	33.65 2.70 -0.01	32.70 2.73 -0.36	28.90 2.25 -0.59
SOUTHOLD___IC 23719	24.41 1.23 -0.06	23.12 1.25 0.00	24.89 1.27 0.00	23.79 1.31 0.00	25.09 1.37 0.00	24.24 1.54 0.00	33.04 2.62 0.00	35.39 2.64 1.92	30.99 1.93 0.65	35.80 1.80 0.00	31.82 1.53 -0.04	34.50 2.09 -0.20	28.43 1.70 -0.49	26.42 1.54 -0.55	37.08 1.84 -11.63	23.54 1.71 -0.11	29.61 2.08 -0.78	54.84 4.26 -0.60	34.59 2.66 0.00	35.93 3.74 0.00	29.71 2.72 -0.57	33.65 2.70 -0.01	32.70 2.73 -0.36	28.90 2.25 -0.59
SOUTH_FORK_WT_PWR 323839	24.43 1.25 -0.06	23.15 1.28 0.00	24.92 1.30 0.00	23.82 1.34 0.00	25.12 1.39 0.00	24.27 1.57 0.00	33.08 2.65 0.00	35.43 2.67 1.92	31.01 1.96 0.65	35.83 1.83 0.00	31.83 1.55 -0.04	34.53 2.11 -0.20	28.44 1.71 -0.49	26.43 1.55 -0.55	37.10 1.87 -11.63	23.55 1.73 -0.11	29.65 2.12 -0.78	54.89 4.31 -0.60	34.61 2.69 0.00	35.96 3.77 0.00	29.74 2.74 -0.57	33.68 2.73 -0.01	32.74 2.77 -0.36	28.93 2.28 -0.59
SPIERFLS_115KV_TB 1 80737	23.73 0.61 0.00	22.52 0.64 0.00	24.20 0.58 0.00	23.07 0.59 0.00	24.37 0.64 0.00	23.39 0.68 0.00	31.50 1.07 0.00	35.95 1.27 0.00	30.91 1.20 0.00	34.92 0.92 0.00	30.77 0.52 0.00	32.82 0.61 0.00	26.76 0.52 0.00	24.86 0.53 0.00	24.22 0.62 0.00	22.49 0.77 0.00	27.93 1.18 0.00	52.30 2.31 0.00	33.42 1.50 0.00	33.78 1.59 0.00	27.65 1.23 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.85 0.78 0.00
ST LAWRENCE____ 23600	23.04 -0.08 0.00	21.82 -0.05 0.00	23.57 -0.05 0.00	22.37 -0.11 0.00	23.58 -0.15 0.00	22.45 -0.25 0.00	29.79 -0.63 0.00	33.94 -0.74 0.00	29.02 -0.68 0.00	33.48 -0.52 0.00	29.79 -0.46 0.00	31.71 -0.50 0.00	26.01 -0.23 0.00	24.10 -0.22 0.00	23.34 -0.26 0.00	21.37 -0.34 0.00	26.34 -0.41 0.00	49.41 -0.57 0.00	31.38 -0.55 0.00	31.44 -0.76 0.00	25.83 -0.60 0.00	30.59 -0.36 0.00	29.33 -0.28 0.00	25.93 -0.13 0.00
STATE_CA_115KV_115_LB 55624	23.67 0.56 0.00	22.41 0.54 0.00	24.17 0.55 0.00	23.03 0.56 0.00	24.30 0.57 0.00	23.34 0.63 0.00	31.56 1.13 0.00	35.98 1.30 0.00	30.85 1.15 0.00	35.05 1.05 0.00	31.08 0.84 0.00	33.16 0.95 0.00	27.09 0.85 0.00	25.12 0.79 0.00	24.48 0.87 0.00	22.64 0.92 0.00	27.92 1.17 0.00	52.07 2.08 0.00	33.39 1.47 0.00	33.72 1.52 0.00	27.59 1.16 0.00	32.09 1.15 0.00	30.55 0.94 0.00	26.86 0.80 0.00
STATE_ST_34_KV_LOAD 55959	23.15 0.03 0.00	21.93 0.06 0.00	23.67 0.05 0.00	22.60 0.12 0.00	23.94 0.21 0.00	22.91 0.21 0.00	30.82 0.39 0.00	35.17 0.49 0.00	30.06 0.36 0.00	34.30 0.30 0.00	30.51 0.26 0.00	32.49 0.28 0.00	26.27 0.04 0.00	24.33 0.01 0.00	23.56 -0.04 0.00	21.55 -0.16 0.00	26.51 -0.24 0.00	49.74 -0.24 0.00	31.78 -0.14 0.00	32.29 0.10 0.00	26.48 0.05 0.00	30.92 -0.03 0.00	29.69 0.08 0.00	26.01 -0.05 0.00
STATION 5_MISC_HYD 23604	22.43 -0.65 0.03	21.26 -0.61 0.00	23.20 -0.42 0.00	22.08 -0.40 0.00	23.39 -0.34 0.00	22.27 -0.39 0.05	29.79 -0.63 0.02	33.80 -0.52 0.36	26.56 -0.28 2.86	32.94 -0.48 0.58	29.61 -0.41 0.23	31.50 -0.47 0.24	25.42 -0.82 0.00	23.52 -0.80 0.00	22.64 -0.96 0.00	20.73 -0.99 0.00	25.38 -1.37 0.00	47.32 -2.66 0.00	30.22 -1.71 0.00	30.64 -1.56 0.00	25.29 -1.14 0.00	29.43 -1.46 0.06	28.48 -1.04 0.10	25.40 -0.66 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	22.74 -0.37 0.00	21.53 -0.35 0.00	23.42 -0.20 0.00	22.29 -0.18 0.00	23.63 -0.10 0.00	22.60 -0.10 0.00	30.34 -0.09 0.00	34.73 0.05 0.00	29.82 0.12 0.00	34.00 0.00 0.00	30.27 0.03 0.00	32.21 -0.01 0.00	25.87 -0.37 0.00	23.94 -0.38 0.00	23.07 -0.53 0.00	21.09 -0.62 0.00	25.93 -0.82 0.00	48.37 -1.62 0.00	31.00 -0.92 0.00	31.45 -0.75 0.00	25.93 -0.49 0.00	30.18 -0.77 0.00	29.12 -0.49 0.00	25.76 -0.31 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	22.37 -0.75 0.00	21.17 -0.70 0.00	23.09 -0.53 0.00	21.97 -0.50 0.00	23.27 -0.46 0.00	22.22 -0.48 0.00	29.69 -0.74 0.00	34.03 -0.65 0.00	29.30 -0.40 0.00	33.39 -0.61 0.00	29.73 -0.52 0.00	31.63 -0.58 0.00	25.36 -0.88 0.00	23.47 -0.86 0.00	22.59 -1.01 0.00	20.69 -1.03 0.00	25.35 -1.40 0.00	47.26 -2.72 0.00	30.20 -1.73 0.00	30.61 -1.59 0.00	25.26 -1.17 0.00	29.44 -1.51 0.00	28.49 -1.12 0.00	25.30 -0.76 0.00
STA_56___34_KV_BUS2 355983	22.37 -0.75 0.00	21.17 -0.70 0.00	23.09 -0.53 0.00	21.97 -0.50 0.00	23.27 -0.46 0.00	22.22 -0.48 0.00	29.69 -0.74 0.00	34.03 -0.65 0.00	29.30 -0.40 0.00	33.39 -0.61 0.00	29.73 -0.52 0.00	31.63 -0.58 0.00	25.36 -0.88 0.00	23.47 -0.86 0.00	22.59 -1.01 0.00	20.69 -1.03 0.00	25.35 -1.40 0.00	47.26 -2.72 0.00	30.20 -1.73 0.00	30.61 -1.59 0.00	25.26 -1.17 0.00	29.44 -1.51 0.00	28.49 -1.12 0.00	25.30 -0.76 0.00
STA_67___115KV_BK2 355882	22.42 -0.70 0.00	21.22 -0.66 0.00	23.15 -0.47 0.00	22.04 -0.44 0.00	23.34 -0.39 0.00	22.27 -0.43 0.00	29.73 -0.70 0.00	34.07 -0.60 0.00	29.34 -0.36 0.00	33.43 -0.57 0.00	29.77 -0.47 0.00	31.66 -0.55 0.00	25.35 -0.89 0.00	23.47 -0.86 0.00	22.58 -1.02 0.00	20.67 -1.04 0.00	25.33 -1.42 0.00	47.19 -2.79 0.00	30.14 -1.78 0.00	30.55 -1.65 0.00	25.22 -1.20 0.00	29.41 -1.54 0.00	28.50 -1.12 0.00	25.35 -0.72 0.00
STA_7___115KV_9TRANS 80674	22.56 -0.55 0.00	21.35 -0.52 0.00	23.29 -0.33 0.00	22.17 -0.31 0.00	23.48 -0.24 0.00	22.42 -0.29 0.00	29.94 -0.49 0.00	34.34 -0.34 0.00	29.56 -0.13 0.00	33.69 -0.31 0.00	30.01 -0.24 0.00	31.91 -0.30 0.00	25.55 -0.69 0.00	23.64 -0.68 0.00	22.74 -0.86 0.00	20.83 -0.89 0.00	25.51 -1.24 0.00	47.57 -2.41 0.00	30.40 -1.53 0.00	30.82 -1.38 0.00	25.44 -0.98 0.00	29.65 -1.30 0.00	28.73 -0.88 0.00	25.52 -0.54 0.00
STA_82___115KV_TB1 80780	22.42 -0.69 0.00	21.23 -0.64 0.00	23.17 -0.45 0.00	22.05 -0.43 0.00	23.36 -0.37 0.00	22.29 -0.41 0.00	29.75 -0.67 0.00	34.11 -0.57 0.00	29.36 -0.34 0.00	33.46 -0.55 0.00	29.79 -0.46 0.00	31.68 -0.53 0.00	25.38 -0.87 0.00	23.48 -0.84 0.00	22.59 -1.01 0.00	20.69 -1.03 0.00	25.34 -1.41 0.00	47.21 -2.78 0.00	30.16 -1.77 0.00	30.57 -1.63 0.00	25.24 -1.19 0.00	29.43 -1.52 0.00	28.52 -1.09 0.00	25.36 -0.70 0.00
STEEL___WIND 323596	22.08 -0.96 0.08	21.00 -0.87 0.00	23.07 -0.55 0.00	21.97 -0.50 0.00	23.30 -0.42 0.00	22.06 -0.53 0.11	29.43 -0.97 0.04	32.87 -0.93 0.87	22.42 -0.43 6.85	31.90 -0.71 1.39	29.08 -0.62 0.55	30.87 -0.76 0.59	24.89 -1.36 0.00	22.96 -1.36 0.00	21.98 -1.63 0.00	20.03 -1.68 0.00	24.49 -2.26 0.00	45.43 -4.55 0.00	28.89 -3.04 0.00	29.28 -2.92 0.00	24.31 -2.11 0.00	28.27 -2.54 0.14	27.57 -1.81 0.23	24.98 -1.08 0.00
STEPHTWN_115KV_BK_2 55603	23.77 0.66 0.00	22.49 0.62 0.00	24.25 0.63 0.00	23.11 0.63 0.00	24.40 0.66 0.00	23.43 0.73 0.00	31.70 1.27 0.00	36.18 1.51 0.00	30.70 0.99 0.00	34.82 0.81 0.00	30.88 0.64 0.00	32.93 0.71 0.00	26.90 0.66 0.00	24.94 0.62 0.00	24.31 0.70 0.00	22.48 0.77 0.00	27.81 1.07 0.00	52.28 2.29 0.00	33.67 1.74 0.00	33.94 1.74 0.00	27.76 1.33 0.00	32.31 1.37 0.00	30.73 1.12 0.00	26.99 0.93 0.00
STEUBEN_REC_LFGE 323667	22.29 -0.83 0.00	21.36 -0.51 0.00	23.25 -0.38 0.00	22.12 -0.36 0.00	23.58 -0.15 0.00	22.37 -0.33 0.00	30.68 0.25 0.00	35.26 0.58 0.00	30.27 0.57 0.00	34.49 0.49 0.00	30.91 0.66 0.00	32.45 0.24 0.00	25.46 -0.78 0.00	23.13 -1.19 0.00	22.10 -1.50 0.00	19.95 -1.76 0.00	24.71 -2.04 0.00	46.12 -3.87 0.00	29.87 -2.05 0.00	30.48 -1.72 0.00	25.28 -1.15 0.00	29.20 -1.75 0.00	28.62 -0.99 0.00	25.40 -0.67 0.00
STILLWATER___SOLAR 323814	23.71 0.60 0.00	22.47 0.59 0.00	24.20 0.58 0.00	23.05 0.58 0.00	24.35 0.62 0.00	23.38 0.67 0.00	31.57 1.14 0.00	36.00 1.32 0.00	30.93 1.23 0.00	35.03 1.03 0.00	30.91 0.66 0.00	33.01 0.80 0.00	26.94 0.70 0.00	24.98 0.66 0.00	24.36 0.75 0.00	22.57 0.85 0.00	27.95 1.20 0.00	52.21 2.23 0.00	33.42 1.50 0.00	33.76 1.56 0.00	27.62 1.20 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.87 0.81 0.00
STONY___BROOK 24151	24.17 0.99 -0.06	22.78 0.90 0.00	24.51 0.89 0.00	23.39 0.91 0.00	24.64 0.91 0.00	23.77 1.07 0.00	32.41 1.98 0.00	34.86 2.11 1.92	30.60 1.55 0.65	35.41 1.41 0.00	31.67 1.38 -0.04	34.28 1.86 -0.21	28.23 1.48 -0.51	26.24 1.35 -0.58	36.81 1.55 -11.66	23.23 1.40 -0.11	29.27 1.71 -0.81	54.15 3.54 -0.62	34.19 2.26 0.00	35.17 2.98 0.00	29.26 2.25 -0.60	33.11 2.16 -0.01	32.08 2.09 -0.38	28.36 1.69 -0.61
STURGEON_POOL_HYD 23609	23.65 0.54 0.00	22.32 0.45 0.00	24.03 0.41 0.00	22.92 0.44 0.00	24.16 0.43 0.00	23.28 0.58 0.00	31.75 1.32 0.00	36.23 1.56 0.00	30.92 1.22 0.00	35.20 1.20 0.00	31.42 1.17 0.00	33.33 1.12 0.00	27.11 0.87 0.00	25.14 0.81 0.00	24.50 0.90 0.00	22.59 0.87 0.00	27.89 1.14 0.00	52.10 2.12 0.00	33.53 1.61 0.00	34.12 1.93 0.00	27.96 1.54 0.00	32.34 1.39 0.00	30.76 1.15 0.00	26.86 0.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	23.74 0.62 0.00	22.36 0.48 0.00	24.09 0.47 0.00	22.97 0.49 0.00	24.24 0.51 0.00	23.36 0.65 0.00	31.82 1.39 0.00	35.64 1.61 0.65	30.75 1.27 0.22	35.26 1.26 0.00	31.46 1.21 0.00	33.42 1.21 0.00	27.14 0.92 0.02	25.16 0.83 0.00	17.32 0.87 7.15	22.59 0.87 0.00	27.88 1.13 0.00	52.06 2.07 0.00	33.49 1.57 0.00	34.07 1.88 0.00	27.92 1.50 0.00	32.31 1.36 0.00	30.78 1.17 0.00	26.90 0.84 0.00
SWANROAD_115KV_TB1 355699	21.43 -1.69 0.00	20.32 -1.55 0.00	22.33 -1.29 0.00	21.29 -1.19 0.00	22.55 -1.19 0.00	21.45 -1.25 0.00	28.32 -2.11 0.00	32.46 -2.22 0.00	28.11 -1.60 0.00	31.94 -2.07 0.00	28.39 -1.86 0.00	30.13 -2.08 0.00	23.91 -2.34 0.00	22.13 -2.20 0.00	21.21 -2.39 0.00	19.35 -2.36 0.00	23.63 -3.12 0.00	43.71 -6.28 0.00	27.83 -4.09 0.00	28.14 -4.05 0.00	23.38 -3.04 0.00	27.34 -3.60 0.00	26.86 -2.75 0.00	24.24 -1.83 0.00
SYNERGY___BIOGAS 323694	22.46 -0.60 0.05	21.31 -0.57 0.00	23.36 -0.26 0.00	22.25 -0.23 0.00	23.58 -0.15 0.00	22.42 -0.20 0.08	29.92 -0.49 0.03	33.82 -0.26 0.60	25.08 0.07 4.69	32.86 -0.19 0.95	29.68 -0.19 0.38	31.56 -0.25 0.40	25.42 -0.82 0.00	23.46 -0.86 0.00	22.48 -1.12 0.00	20.54 -1.17 0.00	25.03 -1.72 0.00	46.62 -3.37 0.00	29.82 -2.10 0.00	30.29 -1.91 0.00	25.09 -1.33 0.00	29.15 -1.70 0.09	28.36 -1.10 0.16	25.52 -0.54 0.00
SYRACUSE___ENERGY_ST1 323597	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00

SYRACUSE___ENERGY_ST2 323598	23.01 -0.10 0.00	21.77 -0.10 0.00	23.56 -0.07 0.00	22.43 -0.05 0.00	23.72 -0.01 0.00	22.71 0.00 0.00	30.49 0.06 0.00	34.76 0.08 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.25 0.00 0.00	32.20 -0.01 0.00	26.06 -0.18 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.51 -0.20 0.00	26.44 -0.31 0.00	49.44 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.34 -0.09 0.00	30.70 -0.25 0.00	29.42 -0.19 0.00	25.87 -0.20 0.00
SYRACUSE___POWER 24017	22.98 -0.13 0.00	21.74 -0.13 0.00	23.54 -0.08 0.00	22.40 -0.08 0.00	23.69 -0.04 0.00	22.69 -0.01 0.00	30.49 0.06 0.00	34.75 0.07 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.24 -0.01 0.00	32.21 0.00 0.00	26.05 -0.20 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.53 -0.19 0.00	26.46 -0.29 0.00	49.43 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.35 -0.07 0.00	30.70 -0.25 0.00	29.41 -0.20 0.00	25.87 -0.19 0.00
TALLMAN__138KV_BK151 55660	23.84 0.72 0.00	22.44 0.56 0.00	24.16 0.54 0.00	23.04 0.57 0.00	24.32 0.59 0.00	23.45 0.75 0.00	32.00 1.58 0.00	35.44 1.83 1.06	30.78 1.43 0.36	35.43 1.42 0.00	31.64 1.39 0.00	33.60 1.39 0.00	27.27 1.05 0.03	25.27 0.95 0.00	13.52 0.98 11.06	22.68 0.96 0.00	28.00 1.25 0.00	52.26 2.28 0.00	33.66 1.73 0.00	34.30 2.10 0.00	28.10 1.68 0.00	32.48 1.54 0.00	30.95 1.34 0.00	27.01 0.95 0.00
TEALLAVE_115KV_TB7 355573	22.87 -0.24 0.00	21.64 -0.24 0.00	23.42 -0.20 0.00	22.29 -0.19 0.00	23.57 -0.16 0.00	22.57 -0.13 0.00	30.30 -0.13 0.00	34.56 -0.12 0.00	29.61 -0.09 0.00	33.79 -0.21 0.00	30.09 -0.16 0.00	32.03 -0.17 0.00	25.91 -0.33 0.00	24.03 -0.30 0.00	23.28 -0.33 0.00	21.41 -0.31 0.00	26.30 -0.45 0.00	49.11 -0.88 0.00	31.43 -0.49 0.00	31.84 -0.36 0.00	26.17 -0.26 0.00	30.50 -0.45 0.00	29.23 -0.38 0.00	25.72 -0.35 0.00
TELGRAPH_34_KV_EAST 80808	22.08 -1.04 0.00	20.92 -0.96 0.00	22.96 -0.66 0.00	21.87 -0.61 0.00	23.19 -0.54 0.00	22.09 -0.62 0.00	29.29 -1.14 0.00	33.63 -1.05 0.00	29.10 -0.60 0.00	33.07 -0.93 0.00	29.40 -0.85 0.00	31.23 -0.97 0.00	24.81 -1.43 0.00	22.93 -1.40 0.00	21.97 -1.63 0.00	20.04 -1.67 0.00	24.48 -2.27 0.00	45.46 -4.53 0.00	29.01 -2.92 0.00	29.39 -2.81 0.00	24.39 -2.04 0.00	28.46 -2.49 0.00	27.84 -1.77 0.00	25.00 -1.07 0.00
TEMPLE___115KV_TB 2 55572	22.88 -0.24 0.00	21.65 -0.23 0.00	23.43 -0.19 0.00	22.30 -0.17 0.00	23.59 -0.14 0.00	22.59 -0.12 0.00	30.31 -0.12 0.00	34.57 -0.10 0.00	29.63 -0.07 0.00	33.82 -0.18 0.00	30.10 -0.14 0.00	32.06 -0.15 0.00	25.93 -0.31 0.00	24.04 -0.28 0.00	23.29 -0.31 0.00	21.42 -0.29 0.00	26.31 -0.44 0.00	49.14 -0.84 0.00	31.45 -0.47 0.00	31.85 -0.34 0.00	26.18 -0.24 0.00	30.51 -0.44 0.00	29.24 -0.37 0.00	25.73 -0.33 0.00
TIANA____69_KV_BK 1 55817	24.03 0.85 -0.06	22.77 0.89 0.00	24.50 0.87 0.00	23.41 0.93 0.00	24.69 0.96 0.00	23.84 1.13 0.00	32.45 2.02 0.00	34.72 1.97 1.92	30.43 1.37 0.65	35.22 1.21 0.00	31.34 1.06 -0.04	34.01 1.61 -0.20	28.07 1.34 -0.49	26.09 1.21 -0.55	36.72 1.48 -11.63	23.20 1.38 -0.11	29.16 1.63 -0.78	54.04 3.45 -0.60	34.01 2.09 0.00	35.30 3.11 0.00	29.21 2.22 -0.57	33.08 2.12 -0.01	32.17 2.20 -0.36	28.45 1.80 -0.59
TILDEN___115KV_TB1 80814	22.98 -0.13 0.00	21.74 -0.13 0.00	23.54 -0.08 0.00	22.40 -0.08 0.00	23.69 -0.04 0.00	22.69 -0.01 0.00	30.49 0.06 0.00	34.75 0.07 0.00	29.76 0.06 0.00	33.98 -0.03 0.00	30.24 -0.01 0.00	32.21 0.00 0.00	26.05 -0.20 0.00	24.16 -0.16 0.00	23.41 -0.19 0.00	21.53 -0.19 0.00	26.46 -0.29 0.00	49.43 -0.55 0.00	31.64 -0.29 0.00	32.06 -0.14 0.00	26.35 -0.07 0.00	30.70 -0.25 0.00	29.41 -0.20 0.00	25.87 -0.19 0.00
TRIGEN___CC 323695	24.55 1.00 -0.43	22.72 0.85 0.00	24.44 0.82 0.00	23.30 0.82 0.00	24.57 0.85 0.00	23.72 1.02 0.00	32.40 1.97 0.00	34.98 2.23 1.92	30.74 1.68 0.65	35.63 1.63 0.00	32.19 1.66 -0.28	35.56 1.92 -1.42	31.11 1.53 -3.34	29.64 1.37 -3.94	40.57 1.46 -15.50	23.89 1.38 -0.80	34.11 1.77 -5.59	57.54 3.25 -4.30	34.15 2.23 0.00	34.89 2.70 0.00	32.78 2.17 -4.19	33.11 2.09 -0.08	34.10 1.90 -2.59	31.74 1.47 -4.21
TRINITY__115KV__ 4 BK 55933	23.56 0.45 0.00	22.31 0.44 0.00	24.06 0.44 0.00	22.93 0.45 0.00	24.19 0.46 0.00	23.22 0.52 0.00	31.39 0.96 0.00	35.77 1.09 0.00	30.67 0.97 0.00	34.85 0.85 0.00	30.90 0.65 0.00	32.96 0.75 0.00	26.93 0.69 0.00	24.97 0.65 0.00	24.34 0.74 0.00	22.51 0.79 0.00	27.76 1.01 0.00	51.77 1.78 0.00	33.20 1.28 0.00	33.52 1.32 0.00	27.43 1.00 0.00	31.90 0.96 0.00	30.38 0.77 0.00	26.73 0.66 0.00
UNION___PROCESSING_DRP 323587	22.43 -0.69 0.00	21.24 -0.63 0.00	23.17 -0.45 0.00	22.06 -0.42 0.00	23.36 -0.37 0.00	22.29 -0.41 0.00	29.76 -0.67 0.00	34.12 -0.56 0.00	29.37 -0.33 0.00	33.47 -0.53 0.00	29.80 -0.44 0.00	31.70 -0.51 0.00	25.38 -0.86 0.00	23.49 -0.84 0.00	22.60 -1.00 0.00	20.70 -1.02 0.00	25.35 -1.40 0.00	47.23 -2.75 0.00	30.18 -1.75 0.00	30.58 -1.61 0.00	25.25 -1.17 0.00	29.44 -1.51 0.00	28.53 -1.08 0.00	25.37 -0.69 0.00
UPPER HUDSON___HYD 24058	23.73 0.61 0.00	22.51 0.64 0.00	24.20 0.58 0.00	23.07 0.59 0.00	24.37 0.64 0.00	23.39 0.68 0.00	31.50 1.07 0.00	35.95 1.27 0.00	30.91 1.21 0.00	34.92 0.92 0.00	30.77 0.52 0.00	32.82 0.61 0.00	26.76 0.51 0.00	24.86 0.53 0.00	24.22 0.62 0.00	22.49 0.77 0.00	27.93 1.18 0.00	52.30 2.32 0.00	33.42 1.50 0.00	33.78 1.59 0.00	27.65 1.23 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.85 0.78 0.00
UPPER RAQUET___HYD 24056	22.59 -0.53 0.00	21.39 -0.49 0.00	23.08 -0.54 0.00	21.89 -0.59 0.00	23.09 -0.64 0.00	22.03 -0.68 0.00	29.33 -1.10 0.00	33.42 -1.26 0.00	28.50 -1.20 0.00	32.85 -1.15 0.00	29.15 -1.10 0.00	31.05 -1.16 0.00	25.52 -0.72 0.00	23.54 -0.78 0.00	22.74 -0.87 0.00	20.74 -0.97 0.00	25.58 -1.17 0.00	48.21 -1.78 0.00	30.63 -1.30 0.00	30.75 -1.45 0.00	25.27 -1.15 0.00	30.00 -0.95 0.00	28.64 -0.97 0.00	25.30 -0.77 0.00
VALLEY44_115KV_TB2 355964	22.88 -0.23 0.00	21.58 -0.29 0.00	23.66 0.04 0.00	22.54 0.06 0.00	23.80 0.07 0.00	22.60 -0.11 0.00	30.30 -0.13 0.00	34.76 0.08 0.00	29.94 0.24 0.00	34.21 0.20 0.00	30.72 0.47 0.00	32.66 0.45 0.00	25.81 -0.43 0.00	23.91 -0.41 0.00	22.86 -0.74 0.00	20.91 -0.80 0.00	25.74 -1.02 0.00	47.90 -2.09 0.00	30.46 -1.47 0.00	30.94 -1.25 0.00	25.59 -0.83 0.00	29.77 -1.17 0.00	29.16 -0.45 0.00	26.04 -0.02 0.00
VALLEY___115KV_TB 1-4 80826	22.93 -0.19 0.00	21.70 -0.17 0.00	23.39 -0.23 0.00	22.31 -0.17 0.00	23.55 -0.18 0.00	22.63 -0.07 0.00	30.73 0.30 0.00	35.08 0.40 0.00	30.08 0.38 0.00	34.17 0.16 0.00	30.18 -0.07 0.00	32.19 -0.02 0.00	26.21 -0.04 0.00	24.34 0.02 0.00	23.72 0.11 0.00	21.74 0.02 0.00	26.84 0.09 0.00	50.10 0.11 0.00	32.05 0.12 0.00	32.48 0.28 0.00	26.62 0.19 0.00	30.92 -0.02 0.00	29.45 -0.16 0.00	25.80 -0.26 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	23.81 0.69 0.00	22.49 0.62 0.00	24.30 0.68 0.00	23.14 0.66 0.00	24.46 0.73 0.00	23.49 0.79 0.00	31.76 1.33 0.00	35.88 1.20 0.00	30.69 0.99 0.00	35.01 1.01 0.00	31.31 1.06 0.00	33.41 1.20 0.00	27.07 0.83 0.00	25.12 0.79 0.00	24.34 0.73 0.00	22.39 0.67 0.00	27.63 0.88 0.00	51.71 1.73 0.00	33.13 1.21 0.00	33.55 1.36 0.00	27.54 1.12 0.00	32.04 1.09 0.00	30.65 1.04 0.00	26.92 0.86 0.00
VISCHER___FERRY HYD 24020	23.44 0.32 0.00	22.21 0.34 0.00	23.94 0.32 0.00	22.82 0.34 0.00	24.08 0.35 0.00	23.12 0.42 0.00	31.22 0.79 0.00	35.60 0.92 0.00	30.56 0.86 0.00	34.69 0.68 0.00	30.69 0.44 0.00	32.78 0.57 0.00	26.81 0.56 0.00	24.85 0.53 0.00	24.23 0.63 0.00	22.42 0.71 0.00	27.70 0.94 0.00	51.61 1.63 0.00	33.07 1.15 0.00	33.38 1.18 0.00	27.30 0.88 0.00	31.76 0.82 0.00	30.21 0.61 0.00	26.61 0.54 0.00
V_A_10_SYNC_DSASP 323832	21.77 -1.29 0.06	20.68 -1.19 0.00	22.67 -0.95 0.00	21.58 -0.90 0.00	22.85 -0.88 0.00	21.66 -0.96 0.08	28.86 -1.54 0.03	32.50 -1.55 0.63	23.62 -1.12 4.96	31.52 -1.47 1.01	28.57 -1.28 0.40	30.34 -1.45 0.42	24.52 -1.72 0.00	22.71 -1.61 0.00	21.81 -1.79 0.00	19.93 -1.78 0.00	24.41 -2.34 0.00	45.30 -4.68 0.00	28.83 -3.09 0.00	29.19 -3.00 0.00	24.18 -2.25 0.00	28.13 -2.71 0.10	27.40 -2.04 0.17	24.68 -1.39 0.00
V_CMM_10_SYNC_DSASP 323787	23.14 0.03 0.00	21.93 0.06 0.00	23.69 0.07 0.00	22.48 0.00 0.00	23.69 -0.04 0.00	22.56 -0.14 0.00	29.95 -0.48 0.00	34.11 -0.56 0.00	29.16 -0.54 0.00	33.65 -0.36 0.00	29.94 -0.31 0.00	31.87 -0.34 0.00	26.13 -0.11 0.00	24.21 -0.11 0.00	23.44 -0.16 0.00	21.47 -0.25 0.00	26.46 -0.29 0.00	49.65 -0.34 0.00	31.54 -0.39 0.00	31.58 -0.61 0.00	25.95 -0.47 0.00	30.73 -0.22 0.00	29.47 -0.14 0.00	26.05 -0.01 0.00
V_CMP_10_SYNC_DSASP 323788	23.64 0.52 0.00	22.41 0.54 0.00	24.37 0.75 0.00	23.19 0.71 0.00	24.35 0.61 0.00	23.02 0.32 0.00	30.60 0.17 0.00	34.56 -0.12 0.00	29.02 -0.68 0.00	33.19 -0.81 0.00	29.57 -0.68 0.00	31.88 -0.34 0.00	26.26 0.02 0.00	24.48 0.15 0.00	23.72 0.11 0.00	21.39 -0.32 0.00	26.32 -0.43 0.00	50.03 0.04 0.00	31.33 -0.59 0.00	31.75 -0.44 0.00	26.19 -0.23 0.00	31.00 0.05 0.00	29.31 -0.30 0.00	25.92 -0.14 0.00
V_D_10_SYNC_DSASP 323841	23.21 0.09 0.00	21.99 0.12 0.00	23.76 0.14 0.00	22.53 0.05 0.00	23.75 0.02 0.00	22.62 -0.08 0.00	30.06 -0.37 0.00	34.23 -0.45 0.00	29.25 -0.45 0.00	33.74 -0.26 0.00	30.00 -0.25 0.00	31.93 -0.28 0.00	26.20 -0.04 0.00	24.26 -0.07 0.00	23.47 -0.13 0.00	21.49 -0.23 0.00	26.48 -0.27 0.00	49.73 -0.25 0.00	31.60 -0.33 0.00	31.66 -0.54 0.00	26.01 -0.42 0.00	30.82 -0.13 0.00	29.53 -0.08 0.00	26.11 0.05 0.00
V_E_10_SYNC_DSASP 323830	24.68 1.55 -0.01	23.17 1.29 0.00	25.23 1.61 0.00	23.92 1.44 0.00	25.42 1.69 0.00	24.56 1.84 -0.02	33.46 3.03 -0.01	38.35 3.54 -0.14	33.58 2.80 -1.08	37.13 2.91 -0.22	32.64 2.31 -0.09	34.54 2.24 -0.09	27.78 1.54 0.00	25.92 1.60 0.00	24.95 1.35 0.00	22.93 1.22 0.00	28.22 1.47 0.00	53.26 3.27 0.00	33.80 1.87 0.00	34.38 2.19 0.00	28.17 1.75 0.00	32.58 1.61 -0.02	31.13 1.48 -0.04	27.34 1.28 0.00
V_F_30_NSYNC___DSASP 323816	23.75 0.63 0.00	22.50 0.62 0.00	24.24 0.62 0.00	23.09 0.61 0.00	24.39 0.66 0.00	23.41 0.71 0.00	31.62 1.19 0.00	36.07 1.39 0.00	30.97 1.27 0.00	35.10 1.09 0.00	30.98 0.73 0.00	33.07 0.86 0.00	27.00 0.75 0.00	25.04 0.71 0.00	24.40 0.80 0.00	22.61 0.89 0.00	27.98 1.23 0.00	52.30 2.32 0.00	33.47 1.54 0.00	33.81 1.61 0.00	27.67 1.25 0.00	32.17 1.23 0.00	30.61 1.00 0.00	26.91 0.84 0.00
V_F_30_SYNC_DSASP 323786	23.67 0.55 0.00	22.41 0.54 0.00	24.16 0.54 0.00	23.03 0.56 0.00	24.30 0.57 0.00	23.34 0.63 0.00	31.55 1.12 0.00	35.98 1.30 0.00	30.85 1.15 0.00	35.05 1.04 0.00	31.07 0.83 0.00	33.15 0.94 0.00	27.08 0.84 0.00	25.12 0.79 0.00	24.47 0.87 0.00	22.64 0.92 0.00	27.92 1.17 0.00	52.07 2.08 0.00	33.39 1.47 0.00	33.72 1.52 0.00	27.59 1.16 0.00	32.09 1.14 0.00	30.54 0.93 0.00	26.86 0.80 0.00
V_XM_10_SYNC_DSASP 323789	23.64 0.52 0.00	22.41 0.54 0.00	24.37 0.75 0.00	23.19 0.71 0.00	24.35 0.61 0.00	23.02 0.32 0.00	30.60 0.17 0.00	34.56 -0.12 0.00	29.02 -0.68 0.00	33.19 -0.81 0.00	29.57 -0.68 0.00	31.88 -0.34 0.00	26.26 0.02 0.00	24.48 0.15 0.00	23.72 0.11 0.00	21.39 -0.32 0.00	26.32 -0.43 0.00	50.03 0.04 0.00	31.33 -0.59 0.00	31.75 -0.44 0.00	26.19 -0.23 0.00	31.00 0.05 0.00	29.31 -0.30 0.00	25.92 -0.14 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	23.90 0.79 0.00	22.50 0.63 0.00	24.24 0.62 0.00	23.11 0.64 0.00	24.40 0.66 0.00	23.53 0.82 0.00	32.11 1.68 0.00	35.52 1.95 1.11	30.87 1.54 0.37	35.55 1.55 0.00	31.75 1.51 0.00	33.73 1.53 0.00	27.37 1.16 0.03	25.37 1.04 0.00	13.18 1.07 11.50	22.76 1.05 0.00	28.12 1.37 0.00	52.58 2.60 0.00	33.86 1.94 0.00	34.50 2.31 0.00	28.27 1.85 0.00	32.68 1.74 0.00	31.12 1.51 0.00	27.16 1.09 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	24.05 0.94 0.00	22.62 0.75 0.00	24.36 0.74 0.00	23.22 0.74 0.00	24.51 0.78 0.00	23.65 0.95 0.00	32.37 1.94 0.00	87.90 2.30 -50.92	48.61 1.80 -17.11	35.83 1.83 0.00	32.09 1.80 -0.05	34.07 1.85 -0.01	27.80 1.45 -0.11	25.60 1.28 0.00	35.87 1.32 -10.95	23.04 1.32 0.00	28.41 1.67 0.00	52.86 2.87 0.00	34.04 2.12 0.00	34.69 2.50 0.00	28.45 2.02 0.00	32.85 1.91 0.00	31.28 1.66 0.00	27.26 1.19 0.00
W50THST__13_KV_LOAD 356117	24.20 1.08 0.00	22.76 0.88 0.00	24.51 0.89 0.00	23.36 0.88 0.00	24.66 0.93 0.00	23.81 1.11 0.00	32.60 2.17 0.00	88.17 2.57 -50.92	48.86 2.05 -17.11	36.15 2.14 0.00	32.39 2.09 -0.05	34.38 2.16 -0.01	28.04 1.68 -0.11	25.83 1.51 0.00	36.10 1.54 -10.95	23.24 1.52 0.00	28.66 1.91 0.00	53.29 3.30 0.00	34.30 2.38 0.00	34.95 2.75 0.00	28.65 2.23 0.00	33.08 2.14 0.00	31.49 1.88 0.00	27.44 1.37 0.00
WADING RIVER_IC_1 23522	23.72 0.55 -0.06	22.54 0.67 0.00	24.25 0.63 0.00	23.19 0.71 0.00	24.44 0.71 0.00	23.59 0.89 0.00	32.09 1.67 0.00	34.21 1.46 1.92	30.01 0.95 0.65	34.80 0.80 0.00	30.92 0.64 -0.04	33.69 1.28 -0.20	27.81 1.08 -0.49	25.86 0.98 -0.55	36.48 1.25 -11.63	22.99 1.16 -0.11	28.90 1.37 -0.78	53.54 2.96 -0.60	33.60 1.67 0.00	34.97 2.77 0.00	28.89 1.89 -0.57	32.70 1.74 -0.01	31.87 1.89 -0.36	28.18 1.53 -0.59
WADING RIVER_IC_2 23547	23.72 0.55 -0.06	22.54 0.67 0.00	24.25 0.63 0.00	23.19 0.71 0.00	24.44 0.71 0.00	23.59 0.89 0.00	32.09 1.67 0.00	34.21 1.46 1.92	30.01 0.95 0.65	34.80 0.80 0.00	30.92 0.64 -0.04	33.69 1.28 -0.20	27.81 1.08 -0.49	25.86 0.98 -0.55	36.48 1.25 -11.63	22.99 1.16 -0.11	28.90 1.37 -0.78	53.54 2.96 -0.60	33.60 1.67 0.00	34.97 2.77 0.00	28.89 1.89 -0.57	32.70 1.74 -0.01	31.87 1.89 -0.36	28.18 1.53 -0.59

WADING RIVER_IC_3 23601	23.72 0.55 -0.06	22.54 0.67 0.00	24.25 0.63 0.00	23.19 0.71 0.00	24.44 0.71 0.00	23.59 0.89 0.00	32.09 1.67 0.00	34.21 1.46 1.92	30.01 0.95 0.65	34.80 0.80 0.00	30.92 0.64 -0.04	33.69 1.28 -0.20	27.81 1.08 -0.49	25.86 0.98 -0.55	36.48 1.25 -11.63	22.99 1.16 -0.11	28.90 1.37 -0.78	53.54 2.96 -0.60	33.60 1.67 0.00	34.97 2.77 0.00	28.89 1.89 -0.57	32.70 1.74 -0.01	31.87 1.89 -0.36	28.18 1.53 -0.59
WALDENNY_I2_KV_BK2 80841	22.16 -0.95 0.00	21.01 -0.86 0.00	23.08 -0.55 0.00	21.98 -0.50 0.00	23.31 -0.42 0.00	22.18 -0.52 0.00	29.46 -0.97 0.00	33.74 -0.94 0.00	29.29 -0.41 0.00	33.31 -0.69 0.00	29.64 -0.61 0.00	31.46 -0.75 0.00	24.91 -1.33 0.00	23.00 -1.33 0.00	22.01 -1.59 0.00	20.07 -1.64 0.00	24.53 -2.22 0.00	45.45 -4.53 0.00	28.92 -3.00 0.00	29.31 -2.89 0.00	24.35 -2.07 0.00	28.45 -2.49 0.00	27.85 -1.75 0.00	25.02 -1.04 0.00
WALDEN___HYDRO 24148	23.88 0.76 0.00	22.49 0.61 0.00	24.22 0.60 0.00	23.10 0.62 0.00	24.38 0.65 0.00	23.48 0.78 0.00	32.04 1.61 0.00	36.56 1.88 0.00	31.15 1.45 0.00	35.48 1.47 0.00	31.63 1.38 0.00	33.44 1.23 0.00	27.27 1.04 0.01	25.30 0.98 0.00	21.52 1.02 3.10	22.75 1.04 0.00	28.10 1.35 0.00	52.49 2.51 0.00	33.79 1.87 0.00	34.41 2.22 0.00	28.21 1.78 0.00	32.63 1.69 0.00	31.06 1.45 0.00	27.14 1.08 0.00
WARRENSBURG____ 23737	23.73 0.61 0.00	22.51 0.64 0.00	24.20 0.58 0.00	23.07 0.59 0.00	24.37 0.64 0.00	23.39 0.68 0.00	31.50 1.07 0.00	35.95 1.27 0.00	30.91 1.21 0.00	34.92 0.92 0.00	30.77 0.52 0.00	32.82 0.61 0.00	26.76 0.51 0.00	24.86 0.53 0.00	24.22 0.62 0.00	22.49 0.77 0.00	27.93 1.18 0.00	52.30 2.32 0.00	33.42 1.50 0.00	33.78 1.59 0.00	27.65 1.23 0.00	32.12 1.17 0.00	30.56 0.95 0.00	26.85 0.78 0.00
WATERSIDE___6 8 9 23538	24.06 0.95 0.00	22.64 0.77 0.00	24.37 0.75 0.00	23.24 0.76 0.00	24.53 0.80 0.00	23.68 0.98 0.00	32.37 1.94 0.00	86.17 2.28 -49.21	48.09 1.84 -16.54	35.85 1.85 0.00	32.11 1.82 -0.04	34.08 1.86 -0.01	27.82 1.47 -0.11	25.63 1.30 0.00	35.88 1.35 -10.93	23.05 1.33 0.00	28.44 1.70 0.00	52.86 2.87 0.00	34.08 2.16 0.00	34.72 2.52 0.00	28.47 2.05 0.00	32.88 1.93 0.00	31.30 1.69 0.00	27.28 1.22 0.00
WATKINRD_115KV_LN8_ILLION 55919	23.05 -0.07 0.00	21.80 -0.07 0.00	23.51 -0.11 0.00	22.41 -0.07 0.00	23.67 -0.06 0.00	22.72 0.02 0.00	30.76 0.33 0.00	35.10 0.42 0.00	30.09 0.38 0.00	34.20 0.19 0.00	30.27 0.02 0.00	32.28 0.08 0.00	26.28 0.04 0.00	24.40 0.08 0.00	23.75 0.14 0.00	21.88 0.16 0.00	27.01 0.26 0.00	50.44 0.45 0.00	32.27 0.35 0.00	32.67 0.47 0.00	26.77 0.35 0.00	31.14 0.20 0.00	29.70 0.09 0.00	26.05 -0.02 0.00
WATSON___69_KV_BK 1 55734	24.45 1.25 -0.08	23.01 1.14 0.00	24.76 1.14 0.00	23.62 1.14 0.00	24.89 1.16 0.00	24.01 1.31 0.00	32.75 2.32 0.00	35.30 2.55 1.92	30.99 1.93 0.65	35.80 1.80 0.00	32.06 1.76 -0.05	34.75 2.27 -0.27	28.67 1.78 -0.66	26.66 1.59 -0.75	37.20 1.75 -11.84	23.46 1.59 -0.15	29.75 1.94 -1.06	54.84 4.03 -0.82	34.54 2.61 0.00	35.51 3.31 0.00	29.72 2.53 -0.77	33.46 2.50 -0.02	32.50 2.40 -0.49	28.81 1.94 -0.80
WDELAWARE___HYD 323627	23.74 0.62 0.00	22.60 0.73 0.00	24.44 0.82 0.00	23.32 0.84 0.00	24.61 0.88 0.00	23.73 1.03 0.00	32.35 1.92 0.00	36.91 2.23 0.00	31.41 1.71 0.00	35.88 1.87 0.00	32.00 1.75 0.00	33.44 1.23 0.00	26.51 0.27 0.00	24.61 0.29 0.00	24.02 0.41 0.00	22.07 0.35 0.00	27.19 0.44 0.00	51.03 1.04 0.00	32.84 0.92 0.00	33.53 1.34 0.00	28.10 1.68 0.00	32.49 1.54 0.00	30.92 1.31 0.00	27.02 0.96 0.00
WEST BABYLON___IC 23714	24.49 1.25 -0.13	22.97 1.10 0.00	24.73 1.11 0.00	23.57 1.09 0.00	24.85 1.12 0.00	23.97 1.27 0.00	32.73 2.30 0.00	35.30 2.55 1.92	30.99 1.93 0.65	35.81 1.80 0.00	32.12 1.79 -0.08	34.89 2.25 -0.43	29.03 1.77 -1.02	27.08 1.57 -1.19	37.59 1.68 -12.31	23.51 1.57 -0.23	30.39 1.96 -1.68	55.20 3.92 -1.29	34.53 2.60 0.00	35.43 3.24 0.00	30.12 2.51 -1.19	33.44 2.47 -0.02	32.73 2.34 -0.78	29.21 1.88 -1.27
WEST CANADA___HYD 24049	23.13 0.01 0.00	21.88 0.00 0.00	23.61 -0.01 0.00	22.48 0.00 0.00	23.74 0.01 0.00	22.75 0.05 0.00	30.61 0.18 0.00	34.90 0.22 0.00	29.90 0.20 0.00	34.13 0.12 0.00	30.32 0.07 0.00	32.30 0.09 0.00	26.32 0.08 0.00	24.39 0.07 0.00	23.68 0.08 0.00	21.81 0.09 0.00	26.89 0.13 0.00	50.18 0.19 0.00	32.12 0.19 0.00	32.44 0.24 0.00	26.61 0.18 0.00	31.07 0.12 0.00	29.68 0.07 0.00	26.10 0.04 0.00
WESTERN_NY_WIND 24143	22.47 -0.65 0.00	21.27 -0.60 0.00	23.32 -0.30 0.00	22.22 -0.26 0.00	23.55 -0.18 0.00	22.46 -0.24 0.00	29.88 -0.55 0.00	34.34 -0.33 0.00	29.70 0.00 0.00	33.74 -0.26 0.00	30.02 -0.23 0.00	31.91 -0.30 0.00	25.36 -0.88 0.00	23.42 -0.90 0.00	22.43 -1.17 0.00	20.49 -1.22 0.00	24.98 -1.77 0.00	46.49 -3.50 0.00	29.74 -2.19 0.00	30.19 -2.00 0.00	25.03 -1.40 0.00	29.17 -1.78 0.00	28.46 -1.15 0.00	25.47 -0.60 0.00
WESTOVER___LESR 323668	22.96 -0.16 0.00	21.70 -0.17 0.00	23.53 -0.09 0.00	22.38 -0.10 0.00	23.68 -0.06 0.00	22.71 0.01 0.00	30.73 0.30 0.00	34.96 0.28 0.00	29.92 0.22 0.00	34.20 0.20 0.00	30.51 0.26 0.00	32.40 0.19 0.00	26.06 -0.18 0.00	24.18 -0.14 0.00	23.38 -0.22 0.00	21.50 -0.22 0.00	26.48 -0.28 0.00	49.49 -0.49 0.00	31.70 -0.22 0.00	32.22 0.02 0.00	26.47 0.05 0.00	30.78 -0.17 0.00	29.58 -0.03 0.00	25.96 -0.10 0.00
WETHRSFD_WT_PWR 323626	21.60 -1.44 0.07	20.64 -1.24 0.00	22.69 -0.93 0.00	21.62 -0.86 0.00	22.99 -0.74 0.00	21.71 -0.89 0.10	28.89 -1.51 0.04	32.20 -1.65 0.83	22.24 -0.96 6.51	31.31 -1.37 1.32	28.45 -1.28 0.52	30.25 -1.40 0.56	24.33 -1.91 0.00	22.31 -2.01 0.00	21.29 -2.31 0.00	19.34 -2.37 0.00	23.62 -3.13 0.00	43.73 -6.26 0.00	27.85 -4.08 0.00	28.18 -4.02 0.00	23.53 -2.89 0.00	27.39 -3.43 0.13	26.69 -2.70 0.22	24.19 -1.87 0.00
WHAVSTOR_138KV_BK127 55557	23.82 0.70 0.00	22.43 0.55 0.00	24.15 0.53 0.00	23.03 0.56 0.00	24.31 0.58 0.00	23.44 0.74 0.00	31.99 1.56 0.00	35.36 1.80 1.12	30.74 1.42 0.38	35.40 1.40 0.00	31.62 1.37 0.00	33.59 1.38 0.00	27.25 1.04 0.03	25.26 0.93 0.00	12.95 0.97 11.62	22.68 0.96 0.00	28.00 1.25 0.00	52.28 2.29 0.00	33.67 1.74 0.00	34.30 2.10 0.00	28.10 1.68 0.00	32.50 1.55 0.00	30.95 1.34 0.00	27.02 0.95 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	23.82 0.70 0.00	22.43 0.55 0.00	24.15 0.53 0.00	23.03 0.56 0.00	24.31 0.58 0.00	23.44 0.74 0.00	31.99 1.56 0.00	35.36 1.80 1.12	30.74 1.42 0.38	35.40 1.40 0.00	31.62 1.37 0.00	33.59 1.38 0.00	27.25 1.04 0.03	25.26 0.93 0.00	12.95 0.97 11.62	22.68 0.96 0.00	28.00 1.25 0.00	52.28 2.29 0.00	33.67 1.74 0.00	34.30 2.10 0.00	28.10 1.68 0.00	32.50 1.55 0.00	30.95 1.34 0.00	27.02 0.95 0.00

WHITEHAL_115KV_TB1 80871	24.27 1.15 0.00	23.23 1.36 0.00	24.83 1.21 0.00	23.67 1.19 0.00	24.99 1.26 0.00	23.92 1.22 0.00	32.20 1.77 0.00	36.68 2.01 0.00	32.06 2.36 0.00	35.97 1.97 0.00	31.28 1.03 0.00	33.27 1.06 0.00	27.05 0.81 0.00	25.21 0.89 0.00	24.59 0.99 0.00	22.96 1.25 0.00	28.77 2.02 0.00	53.84 3.86 0.00	34.15 2.23 0.00	34.56 2.36 0.00	27.98 1.56 0.00	32.46 1.51 0.00	30.94 1.33 0.00	27.23 1.17 0.00
WHITEPLN_13_KV_LOAD 356215	24.10 0.99 0.00	22.70 0.82 0.00	24.42 0.79 0.00	23.28 0.80 0.00	24.56 0.83 0.00	23.70 1.00 0.00	32.39 1.96 0.00	35.29 2.33 1.72	31.00 1.88 0.58	35.93 1.93 0.00	32.10 1.85 0.00	34.12 1.91 0.00	27.75 1.49 -0.03	25.67 1.34 0.00	36.38 1.37 -11.41	23.07 1.35 0.00	28.49 1.74 0.00	53.10 3.12 0.00	34.18 2.26 0.00	34.82 2.63 0.00	28.52 2.10 0.00	32.95 2.01 0.00	31.36 1.75 0.00	27.35 1.29 0.00
WM_FLOYD_69_KV_BK2 356380	24.03 0.85 -0.06	22.72 0.85 0.00	24.45 0.82 0.00	23.35 0.87 0.00	24.61 0.88 0.00	23.74 1.04 0.00	32.34 1.91 0.00	34.65 1.90 1.92	30.40 1.34 0.65	35.17 1.17 0.00	31.34 1.06 -0.04	33.99 1.58 -0.20	28.06 1.32 -0.50	26.07 1.18 -0.56	36.69 1.44 -11.64	23.16 1.33 -0.11	29.09 1.54 -0.80	53.95 3.36 -0.61	33.98 2.05 0.00	35.16 2.96 0.00	29.15 2.14 -0.58	33.00 2.04 -0.01	32.05 2.08 -0.37	28.35 1.69 -0.60
WOODARD__115KV_TB2 355635	22.83 -0.29 0.00	21.60 -0.27 0.00	23.38 -0.24 0.00	22.25 -0.23 0.00	23.53 -0.20 0.00	22.52 -0.18 0.00	30.22 -0.21 0.00	34.46 -0.22 0.00	29.53 -0.17 0.00	33.72 -0.29 0.00	30.00 -0.25 0.00	31.95 -0.26 0.00	25.85 -0.39 0.00	23.98 -0.35 0.00	23.22 -0.38 0.00	21.36 -0.36 0.00	26.24 -0.51 0.00	49.01 -0.97 0.00	31.37 -0.56 0.00	31.77 -0.43 0.00	26.11 -0.31 0.00	30.43 -0.51 0.00	29.16 -0.45 0.00	25.66 -0.40 0.00
YORK__WARBASSE 23770	24.14 1.03 0.00	22.69 0.81 0.00	24.42 0.80 0.00	23.28 0.80 0.00	24.58 0.85 0.00	23.74 1.03 0.00	32.42 1.99 0.00	86.22 2.33 -49.21	48.15 1.91 -16.54	35.90 1.90 0.00	32.18 1.89 -0.04	34.12 1.91 -0.01	27.87 1.52 -0.11	25.65 1.33 0.00	35.91 1.38 -10.93	23.08 1.36 0.00	28.50 1.75 0.00	52.92 2.93 0.00	34.15 2.22 0.00	34.81 2.61 0.00	28.56 2.13 0.00	32.95 2.00 0.00	31.38 1.77 0.00	27.35 1.29 0.00