

Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$

--- Marginal Cost of Losses

--- Marginal Cost of Congestion

Generator Data

03/26/2024

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	22.28	22.02	22.94	22.41	22.64	25.02	25.71	27.24	22.39	24.06	27.66	25.17	25.33	22.14	21.27	23.45	34.39	27.96	29.02	30.67	32.80	30.57	24.74	25.00
24138	1.06	0.99	0.97	0.94	0.95	1.28	1.72	1.97	1.54	1.33	1.51	1.44	1.43	1.21	1.18	1.21	1.73	1.58	1.79	2.08	2.21	1.82	1.43	1.08
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	0.00	-0.22	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_1	22.24	21.98	22.91	22.38	22.61	24.96	25.64	27.16	22.33	24.00	27.57	25.10	25.26	22.07	21.20	23.39	34.29	27.88	28.96	30.62	32.75	30.52	24.71	24.96
24260	1.03	0.95	0.93	0.91	0.91	1.22	1.66	1.90	1.48	1.27	1.43	1.37	1.36	1.15	1.11	1.15	1.63	1.50	1.73	2.03	2.15	1.77	1.39	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
74TH STREET_GT_2	22.24	21.98	22.91	22.38	22.61	24.96	25.64	27.16	22.33	24.00	27.57	25.10	25.26	22.07	21.20	23.39	34.29	27.88	28.96	30.62	32.75	30.52	24.71	24.96
24261	1.03	0.95	0.93	0.91	0.91	1.22	1.66	1.90	1.48	1.27	1.43	1.37	1.36	1.15	1.11	1.15	1.63	1.50	1.73	2.03	2.15	1.77	1.39	1.05
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-0.37	0.00	0.00	0.00	0.00	0.00	-0.21	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK HUDSON___FALLS	22.12	22.04	23.01	22.50	22.77	25.06	25.70	27.22	26.16	24.06	27.39	24.84	24.96	21.80	20.70	23.11	34.10	27.86	28.93	30.41	32.46	30.30	24.33	24.72
24011	0.91	1.01	1.03	1.03	1.07	1.32	1.72	1.96	1.53	1.33	1.24	1.10	1.07	0.88	0.83	0.87	1.43	1.48	1.70	1.82	1.86	1.55	1.02	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.16	0.00	0.00	0.00	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	22.25	22.16	23.13	22.62	22.89	25.25	25.94	27.48	26.38	24.22	27.53	24.99	25.12	21.93	20.82	23.21	34.27	28.08	29.19	30.64	32.67	30.48	24.40	24.79
23798	1.03	1.13	1.15	1.15	1.19	1.51	1.96	2.22	1.72	1.49	1.39	1.25	1.22	1.01	0.94	0.96	1.60	1.70	1.96	2.04	2.07	1.72	1.09	0.87
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
ADK S GLENS___FALLS	22.12	22.04	23.01	22.50	22.77	25.06	25.70	27.22	26.16	24.06	27.39	24.84	24.96	21.80	20.70	23.11	34.10	27.86	28.93	30.41	32.46	30.30	24.33	24.72
24028	0.91	1.01	1.03	1.03	1.07	1.32	1.72	1.96	1.53	1.33	1.24	1.10	1.07	0.88	0.83	0.87	1.43	1.48	1.70	1.82	1.86	1.55	1.02	0.80
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-4.16	0.00	0.00	0.00	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	21.72	21.73	22.71	22.20	22.40	24.40	25.01	26.59	24.61	23.62	26.97	24.56	24.69	21.53	20.52	22.92	33.72	27.31	28.33	29.85	31.90	30.01	24.20	24.50
23527	0.50	0.70	0.74	0.73	0.71	0.66	1.02	1.32	1.12	0.89	0.83	0.83	0.79	0.61	0.62	0.68	1.05	0.93	1.11	1.26	1.30	1.26	0.89	0.59
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.00	0.00	0.00	0.00	0.00	0.00	-0.03	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
AIR_PRODUCTS___DRP	21.92	21.80	22.76	22.24	22.46	24.55	25.10	26.61	24.20	23.71	27.10	24.61	24.77	21.62	20.59	23.04	33.87	27.49	28.51	30.02	32.08	30.06	24.26	24.65
24190	0.70	0.76	0.78	0.77	0.77	0.80	1.11	1.35	1.12	0.97	0.95	0.87	0.87	0.70	0.71	0.80	1.20	1.11	1.28	1.43	1.48	1.31	0.95	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	0.00	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	21.26	21.07	22.04	21.54	21.76	23.73	23.76	24.88	20.14	22.66	26.22	23.79	23.94	20.95	19.91	22.27	32.72	26.22	24.04	23.83	27.55	28.17	23.04	23.71
355683	0.05	0.04	0.07	0.07	0.07	-0.01	-0.23	-0.39	-0.33	-0.08	0.07	0.06	0.04	0.03	0.04	0.03	0.05	-0.16	-0.37	-0.49	-0.53	-0.37	-0.27	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.82	4.27	2.51	0.22	0.00	0.00
ALBANY_1_SOLAR	21.96	21.82	22.80	22.28	22.51	24.60	25.14	26.62	23.39	23.73	27.09	24.57	24.74	21.63	20.60	23.07	33.93	27.54	28.55	30.08	32.14	30.12	24.33	24.76
323833	0.74	0.79	0.82	0.81	0.82	0.86	1.16	1.36	1.10	0.99	0.95	0.83	0.85	0.71	0.72	0.83	1.27	1.16	1.32	1.49	1.55	1.37	1.02	0.85
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	0.00	0.00	0.00	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	21.95	21.81	22.79	22.28	22.51	24.59	25.13	26.61	23.39	23.71	27.09	24.56	24.74	21.63	20.59	23.06	33.92	27.53	28.54	30.07	32.13	30.11	24.32	24.76
323834	0.73	0.78	0.81	0.81	0.82	0.85	1.15	1.35	1.09	0.98	0.94	0.83	0.84	0.71	0.71	0.82	1.26	1.15	1.32	1.48	1.54	1.36	1.01	0.84
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-1.82	0.00	0.00	0.00	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	21.92	21.80	22.76	22.24	22.46	24.55	25.10	26.61	24.20	23.71	27.10	24.61	24.77	21.62	20.59	23.04	33.87	27.49	28.51	30.02	32.08	30.06	24.26	24.65
23571	0.70	0.76	0.78	0.77	0.77	0.80	1.11	1.35	1.12	0.97	0.95	0.87	0.87	0.70	0.71	0.80	1.20	1.11	1.28	1.43	1.48	1.31	0.95	0.74
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-2.60	0.00	0.00	0.00	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	21.92 0.70 0.00	21.80 0.76 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.59 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.06 1.31 0.00	24.26 0.95 0.00	24.65 0.74 0.00
ALBANY___3 23573	21.92 0.70 0.00	21.80 0.76 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.59 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.06 1.31 0.00	24.26 0.95 0.00	24.65 0.74 0.00
ALBANY___4 23574	21.92 0.70 0.00	21.80 0.76 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.59 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.06 1.31 0.00	24.26 0.95 0.00	24.65 0.74 0.00
ALBANY___LFGE 323615	22.02 0.81 0.00	21.89 0.86 0.00	22.86 0.89 0.00	22.33 0.87 0.00	22.57 0.88 0.00	24.67 0.92 0.00	25.24 1.25 0.00	26.76 1.49 0.00	24.45 1.24 -2.73	23.84 1.10 0.00	27.25 1.11 0.00	24.75 1.02 0.00	24.90 1.01 0.00	21.74 0.82 0.00	20.70 0.83 0.00	23.18 0.94 0.00	34.08 1.41 0.00	27.67 1.29 0.00	28.67 1.44 0.00	30.19 1.60 0.00	32.26 1.66 0.00	30.22 1.47 0.00	24.38 1.07 0.00	24.77 0.85 0.00
ALCOA_PA_115KV_PL-6C 55860	21.29 0.07 0.00	21.10 0.07 0.00	22.07 0.09 0.00	21.56 0.09 0.00	21.80 0.10 0.00	23.77 0.03 0.00	23.81 -0.18 0.00	24.92 -0.35 0.00	20.15 -0.32 0.00	22.67 -0.07 0.00	26.23 0.09 0.00	23.79 0.06 0.00	23.94 0.04 0.00	20.95 0.03 0.00	19.91 0.04 0.00	22.27 0.03 0.00	32.73 0.06 0.00	26.22 -0.16 0.00	22.99 -0.38 3.86	22.26 -0.49 5.84	26.63 -0.52 3.44	28.08 -0.38 0.30	23.04 -0.27 0.00	23.71 -0.20 0.00
ALCOA_RYNLDS___DRP 24188	21.29 0.07 0.00	21.10 0.07 0.00	22.07 0.09 0.00	21.56 0.09 0.00	21.80 0.10 0.00	23.77 0.03 0.00	23.81 -0.18 0.00	24.92 -0.35 0.00	20.15 -0.32 0.00	22.67 -0.07 0.00	26.23 0.09 0.00	23.79 0.06 0.00	23.94 0.04 0.00	20.95 0.03 0.00	19.91 0.04 0.00	22.27 0.03 0.00	32.73 0.06 0.00	26.22 -0.16 0.00	22.99 -0.38 3.86	22.26 -0.49 5.84	26.63 -0.52 3.44	28.08 -0.38 0.30	23.04 -0.27 0.00	23.71 -0.20 0.00
ALCOA___DSASP 323711	21.29 0.07 0.00	21.10 0.07 0.00	22.07 0.10 0.00	21.56 0.09 0.00	21.80 0.10 0.00	23.77 0.03 0.00	23.81 -0.18 0.00	24.92 -0.35 0.00	20.15 -0.32 0.00	22.67 -0.07 0.00	26.23 0.09 0.00	23.79 0.06 0.00	23.94 0.04 0.00	20.95 0.03 0.00	19.91 0.04 0.00	22.27 0.03 0.00	32.73 0.06 0.00	26.22 -0.16 0.00	22.99 -0.38 3.86	22.26 -0.49 5.84	26.63 -0.52 3.44	28.07 -0.38 0.30	23.04 -0.27 0.00	23.71 -0.21 0.00
ALLEGHENY___COGEN 23514	20.83 -0.56 -0.17	20.81 -0.42 -0.20	21.57 -0.57 -0.17	21.04 -0.58 -0.15	21.56 -0.34 -0.21	23.47 -0.30 -0.03	23.76 -0.23 0.00	25.02 -0.25 0.00	20.29 -0.19 0.00	22.47 -0.27 0.00	25.44 -0.70 0.00	22.90 -1.10 -0.26	22.98 -0.92 0.00	20.30 -0.62 0.00	19.16 -0.71 0.00	21.64 -0.60 0.00	32.05 -0.62 -0.01	26.13 -0.56 -0.31	27.61 -0.30 -0.68	28.63 -0.08 -0.12	30.69 0.02 -0.07	28.70 -0.20 -0.15	23.78 -0.14 -0.60	24.31 0.15 -0.24
ALTAMONT_115KV_TB 2 55880	21.64 0.43 0.00	21.48 0.45 0.00	22.44 0.46 0.00	21.91 0.45 0.00	22.13 0.44 0.00	24.24 0.49 0.00	24.73 0.75 0.00	26.18 0.92 0.00	23.09 0.74 -1.87	23.34 0.61 0.00	26.73 0.58 0.00	24.27 0.54 0.00	24.44 0.54 0.00	21.35 0.42 0.00	20.31 0.44 0.00	22.72 0.48 0.00	33.38 0.72 0.00	27.09 0.71 0.00	28.06 0.83 0.00	29.56 0.96 0.00	31.62 1.02 0.00	29.61 0.86 0.00	23.94 0.63 0.00	24.37 0.46 0.00
ALTONA_WT_PWR 323606	21.45 0.23 0.00	21.22 0.20 0.00	22.20 0.23 0.00	21.84 0.38 0.00	22.12 0.43 0.00	24.23 0.49 0.00	24.31 0.32 0.00	24.62 -0.64 0.00	19.57 -0.91 0.00	22.39 -0.34 0.00	26.77 0.63 0.00	24.31 0.57 0.00	24.46 0.56 0.00	21.47 0.55 0.00	20.46 0.59 0.00	22.59 0.36 0.00	32.61 -0.05 0.00	26.02 -0.35 0.00	23.22 -0.89 3.12	22.71 -1.17 4.72	26.49 -1.33 2.78	27.52 -0.99 0.24	22.45 -0.86 0.00	23.20 -0.71 0.00
AMERICAN_REF_FUEL 24010	19.26 -1.96 0.00	19.01 -2.03 0.00	19.84 -2.14 0.00	19.30 -2.17 0.00	19.69 -2.01 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.19 -3.07 0.00	18.21 -2.27 0.00	20.38 -2.36 0.00	23.46 -2.69 0.00	20.49 -2.43 0.81	21.43 -2.47 0.00	18.82 -2.10 0.00	55.22 -2.41 -37.75	20.03 -2.21 0.00	29.51 -3.13 0.03	22.54 -2.84 1.00	21.97 -3.05 2.20	25.05 -3.17 0.38	27.30 -3.06 0.24	25.50 -2.78 0.48	19.42 -1.97 1.92	21.83 -1.33 0.76
ARKWRIGHT___SUMMIT_WT_PWR 323751	19.32 -1.89 0.00	19.00 -2.03 0.00	20.17 -1.81 0.00	19.60 -1.86 0.00	19.73 -1.96 0.00	21.99 -1.76 0.00	22.22 -1.77 0.00	22.72 -2.55 0.00	18.68 -1.80 0.00	20.93 -1.81 0.00	24.11 -2.04 0.00	20.69 -2.02 1.01	21.95 -1.94 0.00	19.24 -1.69 0.00	17.94 -1.93 0.00	20.59 -1.65 0.00	30.25 -2.38 0.04	22.90 -2.24 1.24	22.12 -2.38 2.73	25.73 -2.40 0.46	28.18 -2.11 0.29	26.01 -2.14 0.60	19.44 -1.49 2.39	22.18 -0.80 0.94
ARTHUR KILL_GT_1 23520	22.10 0.89 0.00	21.85 0.81 0.00	22.76 0.78 0.00	22.23 0.76 0.00	22.46 0.76 0.00	24.81 1.06 0.00	25.47 1.48 0.00	26.95 1.68 0.00	22.15 1.30 -0.37	23.76 1.03 0.00	27.22 1.08 0.00	24.56 1.04 0.21	24.81 1.01 0.10	21.76 0.85 0.00	20.97 0.88 -0.22	23.09 0.85 0.00	33.84 1.17 0.00	27.58 1.20 0.00	28.67 1.44 0.00	30.38 1.79 0.00	32.47 1.88 0.00	30.35 1.60 0.00	24.63 1.31 0.00	24.88 0.97 0.00
ARTHUR_KILL_2 23512	22.05 0.84 0.00	21.79 0.75 0.00	22.70 0.73 0.00	22.17 0.70 0.00	22.40 0.71 0.00	24.73 0.99 0.00	25.39 1.41 0.00	26.88 1.62 0.00	22.10 1.25 -0.37	23.70 0.97 0.00	27.16 1.02 0.00	24.51 0.99 0.21	24.76 0.96 0.10	21.72 0.80 0.00	20.92 0.83 -0.22	23.04 0.80 0.00	33.75 1.09 0.00	27.51 1.13 0.00	28.58 1.36 0.00	30.29 1.70 0.00	32.37 1.78 0.00	30.26 1.51 0.00	24.56 1.24 0.00	24.81 0.90 0.00
ARTHUR_KILL_3 23513	22.04 0.82 0.00	21.77 0.74 0.00	22.69 0.71 0.00	22.16 0.70 0.00	22.39 0.69 0.00	24.73 0.98 0.00	25.39 1.41 0.00	26.89 1.62 0.00	22.09 1.24 -0.37	23.70 0.97 0.00	27.22 1.08 0.00	24.57 1.06 0.21	24.83 1.04 0.10	21.80 0.88 0.00	20.96 0.87 -0.21	23.09 0.85 0.00	33.85 1.19 0.00	27.54 1.16 0.00	28.61 1.39 0.00	30.26 1.67 0.00	32.37 1.78 0.00	30.18 1.43 0.00	24.45 1.14 0.00	24.70 0.78 0.00

ARTHUR_KILL_COGEN 323718	22.10 0.89 0.00	21.85 0.81 0.00	22.76 0.78 0.00	22.23 0.76 0.00	22.46 0.76 0.00	24.81 1.06 0.00	25.47 1.48 0.00	26.95 1.68 0.00	22.15 1.30 -0.37	23.76 1.03 0.00	27.22 1.08 0.00	24.56 1.04 0.21	24.81 1.01 0.10	21.76 0.85 0.00	20.97 0.88 -0.22	23.09 0.85 0.00	33.84 1.17 0.00	27.58 1.20 0.00	28.67 1.44 0.00	30.38 1.79 0.00	32.47 1.88 0.00	30.35 1.60 0.00	24.63 1.31 0.00	24.88 0.97 0.00
ASHOKAN____ 23654	22.03 0.81 0.00	21.88 0.85 0.00	22.83 0.86 0.00	22.33 0.87 0.00	22.58 0.89 0.00	24.79 1.04 0.00	25.42 1.43 0.00	26.96 1.69 0.00	23.23 1.48 -1.27	24.31 1.57 0.00	27.57 1.43 0.00	24.79 1.06 0.00	24.96 1.07 0.00	21.81 0.89 0.00	20.78 0.90 0.00	23.34 1.10 0.00	34.44 1.77 0.00	28.02 1.63 0.00	29.18 1.96 0.00	30.80 2.21 0.00	32.91 2.31 0.00	30.74 1.98 0.00	24.76 1.44 0.00	25.11 1.20 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.11 0.90 0.00	21.88 0.85 0.00	22.80 0.82 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.82 1.08 0.00	25.48 1.50 0.00	26.95 1.69 0.00	22.20 1.35 -0.37	23.81 1.08 0.00	27.35 1.20 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.92 1.00 0.00	21.11 1.02 -0.21	23.21 0.97 0.00	33.95 1.29 0.00	27.63 1.26 0.00	28.69 1.46 0.00	30.38 1.78 0.00	32.52 1.93 0.00	30.31 1.55 0.00	24.55 1.23 0.00	24.79 0.87 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.11 0.90 0.00	21.88 0.85 0.00	22.80 0.82 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.82 1.08 0.00	25.48 1.50 0.00	26.95 1.69 0.00	22.20 1.35 -0.37	23.81 1.08 0.00	27.35 1.20 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.92 1.00 0.00	21.11 1.02 -0.21	23.20 0.97 0.00	33.95 1.29 0.00	27.63 1.26 0.00	28.69 1.46 0.00	30.38 1.78 0.00	32.52 1.93 0.00	30.31 1.55 0.00	24.55 1.23 0.00	24.79 0.87 0.00
ASTORIA_GT2_1 24094	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT2_2 24095	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT2_3 24096	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT2_4 24097	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT3_1 24098	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT3_2 24099	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT3_3 24100	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT3_4 24101	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT4_1 24102	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT4_2 24103	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT4_3 24104	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00

ASTORIA_GT4_4 24105	22.12 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.10 1.01 -0.22	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.71 1.49 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA_GT_1 23523	22.16 0.94 0.00	21.92 0.89 0.00	22.84 0.86 0.00	22.31 0.84 0.00	22.54 0.84 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.01 1.75 0.00	22.25 1.40 -0.37	23.87 1.13 0.00	27.42 1.27 0.00	24.98 1.24 0.00	25.14 1.24 0.00	21.97 1.05 0.00	21.15 1.07 -0.21	23.26 1.02 0.00	34.03 1.37 0.00	27.71 1.33 0.00	28.76 1.53 0.00	30.46 1.87 0.00	32.61 2.01 0.00	30.38 1.63 0.00	24.61 1.29 0.00	24.84 0.93 0.00
ASTORIA_GT_10 24110	22.20 0.98 0.00	21.95 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.79 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.48 1.33 0.00	25.01 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.49 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA_GT_11 24225	22.20 0.98 0.00	21.95 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.79 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.48 1.33 0.00	25.01 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.49 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA_GT_12 24226	22.20 0.98 0.00	21.95 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.79 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.48 1.33 0.00	25.01 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.49 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA_GT_13 24227	22.20 0.98 0.00	21.95 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.79 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.48 1.33 0.00	25.01 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.49 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA_GT_5 24106	22.15 0.94 0.00	21.92 0.89 0.00	22.84 0.86 0.00	22.31 0.84 0.00	22.53 0.84 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.01 1.75 0.00	22.24 1.40 -0.37	23.87 1.13 0.00	27.42 1.27 0.00	24.97 1.24 0.00	25.14 1.24 0.00	21.97 1.05 0.00	21.14 1.05 -0.22	23.26 1.02 0.00	34.03 1.37 0.00	27.71 1.33 0.00	28.77 1.54 0.00	30.45 1.86 0.00	32.61 2.02 0.00	30.38 1.63 0.00	24.61 1.29 0.00	24.84 0.93 0.00
ASTORIA_GT_7 24107	22.15 0.94 0.00	21.92 0.89 0.00	22.84 0.86 0.00	22.31 0.84 0.00	22.53 0.84 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.01 1.75 0.00	22.24 1.40 -0.37	23.87 1.13 0.00	27.42 1.27 0.00	24.97 1.24 0.00	25.14 1.24 0.00	21.97 1.05 0.00	21.14 1.05 -0.22	23.26 1.02 0.00	34.03 1.37 0.00	27.71 1.33 0.00	28.77 1.54 0.00	30.45 1.86 0.00	32.61 2.02 0.00	30.38 1.63 0.00	24.61 1.29 0.00	24.84 0.93 0.00
ASTORIA_GT_8 24108	22.15 0.94 0.00	21.92 0.89 0.00	22.84 0.86 0.00	22.31 0.84 0.00	22.53 0.84 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.01 1.75 0.00	22.24 1.40 -0.37	23.87 1.13 0.00	27.42 1.27 0.00	24.97 1.24 0.00	25.14 1.24 0.00	21.97 1.05 0.00	21.14 1.05 -0.22	23.26 1.02 0.00	34.03 1.37 0.00	27.71 1.33 0.00	28.77 1.54 0.00	30.45 1.86 0.00	32.61 2.02 0.00	30.38 1.63 0.00	24.61 1.29 0.00	24.84 0.93 0.00
ASTORIA___2 24149	22.13 0.91 0.00	21.89 0.86 0.00	22.81 0.83 0.00	22.27 0.80 0.00	22.50 0.81 0.00	24.84 1.09 0.00	25.49 1.50 0.00	26.96 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.93 1.20 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.11 1.03 -0.21	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.70 1.48 0.00	30.40 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.79 0.88 0.00
ASTORIA___3 23516	22.20 0.99 0.00	21.94 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.80 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.47 1.33 0.00	25.01 1.28 0.00	25.16 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.84 1.62 0.00	30.50 1.91 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA___4 23517	22.20 0.98 0.00	21.95 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.58 0.00	27.06 1.79 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.47 1.33 0.00	25.00 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.49 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.32 0.00	24.89 0.97 0.00
ASTORIA___5 23518	22.20 0.99 0.00	21.94 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.80 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.47 1.33 0.00	25.01 1.28 0.00	25.16 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.50 1.91 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.33 0.00	24.89 0.97 0.00
AST_ENERGY_2_CC3 323677	22.12 0.90 0.00	21.86 0.83 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.83 1.08 0.00	25.50 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.23 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.07 0.98 -0.21	23.22 0.98 0.00	34.03 1.36 0.00	27.64 1.26 0.00	28.71 1.48 0.00	30.36 1.77 0.00	32.47 1.88 0.00	30.27 1.52 0.00	24.52 1.21 0.00	24.77 0.85 0.00
AST_ENERGY_2_CC4 323678	22.12 0.90 0.00	21.86 0.83 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.83 1.08 0.00	25.50 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.23 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.07 0.98 -0.21	23.22 0.98 0.00	34.03 1.36 0.00	27.64 1.26 0.00	28.71 1.48 0.00	30.36 1.77 0.00	32.47 1.88 0.00	30.27 1.52 0.00	24.52 1.21 0.00	24.77 0.85 0.00

ATHENS_STG_1 23668	21.60 0.38 0.00	21.41 0.37 0.00	22.34 0.36 0.00	21.82 0.36 0.00	22.03 0.33 0.00	24.17 0.43 0.00	24.69 0.70 0.00	26.12 0.86 0.00	21.43 0.68 -0.27	23.24 0.50 0.00	26.64 0.50 0.00	24.23 0.50 0.00	24.42 0.51 0.00	21.33 0.41 0.00	20.31 0.40 -0.03	22.65 0.41 0.00	33.23 0.57 0.00	26.99 0.61 0.00	27.98 0.75 0.00	29.51 0.92 0.00	31.57 0.98 0.00	29.52 0.77 0.00	23.88 0.56 0.00	24.25 0.34 0.00
ATHENS_STG_2 23670	21.60 0.38 0.00	21.41 0.37 0.00	22.34 0.36 0.00	21.82 0.36 0.00	22.03 0.33 0.00	24.17 0.43 0.00	24.69 0.70 0.00	26.12 0.86 0.00	21.43 0.68 -0.27	23.24 0.50 0.00	26.64 0.50 0.00	24.23 0.50 0.00	24.42 0.51 0.00	21.33 0.41 0.00	20.31 0.40 -0.03	22.65 0.41 0.00	33.23 0.57 0.00	26.99 0.61 0.00	27.98 0.75 0.00	29.51 0.92 0.00	31.57 0.98 0.00	29.52 0.77 0.00	23.88 0.56 0.00	24.25 0.34 0.00
ATHENS_STG_3 23677	21.60 0.38 0.00	21.41 0.37 0.00	22.34 0.36 0.00	21.82 0.36 0.00	22.03 0.33 0.00	24.17 0.43 0.00	24.69 0.70 0.00	26.12 0.86 0.00	21.43 0.68 -0.27	23.24 0.50 0.00	26.64 0.50 0.00	24.23 0.50 0.00	24.42 0.51 0.00	21.33 0.41 0.00	20.31 0.40 -0.03	22.65 0.41 0.00	33.23 0.57 0.00	26.99 0.61 0.00	27.98 0.75 0.00	29.51 0.92 0.00	31.57 0.98 0.00	29.52 0.77 0.00	23.88 0.56 0.00	24.25 0.34 0.00
AUBURN___LFGE 323710	21.07 -0.14 0.00	20.88 -0.15 0.00	21.79 -0.18 0.00	21.29 -0.18 0.00	21.50 -0.19 0.00	23.65 -0.09 0.00	23.97 -0.01 0.00	25.19 -0.08 0.00	20.47 -0.01 0.00	22.61 -0.13 0.00	26.00 -0.15 0.00	23.51 -0.22 0.00	23.73 -0.17 0.00	20.73 -0.19 0.00	-68.89 -0.14 88.62	22.15 -0.09 0.00	32.76 0.09 0.00	26.44 0.06 0.00	27.32 0.09 0.00	28.79 0.19 0.00	30.85 0.25 0.00	28.78 0.03 0.00	23.41 0.10 0.00	24.17 0.26 0.00
BABYLON_RES_REC 323704	23.82 1.24 -1.37	22.19 1.16 0.00	23.08 1.10 0.00	22.52 1.06 0.00	22.71 1.02 0.00	25.07 1.33 0.00	25.88 1.89 0.00	27.35 2.09 0.00	22.35 1.50 -0.37	23.91 1.17 0.00	27.61 1.47 0.00	25.12 1.39 0.00	25.27 1.38 0.00	22.09 1.17 0.00	21.33 1.24 -0.22	23.52 1.28 0.00	34.53 1.87 0.00	28.36 1.75 -0.23	34.26 2.09 -4.95	31.75 2.50 -0.66	37.47 2.62 -4.26	32.95 2.12 -2.09	26.60 1.73 -1.55	26.84 1.40 -1.53
BABYLON___69_KV_BK2 356345	23.88 1.43 -1.24	22.39 1.35 0.00	23.28 1.30 0.00	22.72 1.25 0.00	22.91 1.21 0.00	25.29 1.55 0.00	26.15 2.16 0.00	27.60 2.34 0.00	22.54 1.69 -0.37	24.10 1.36 0.00	27.83 1.69 0.00	25.33 1.60 0.00	25.47 1.58 0.00	22.28 1.36 0.00	21.51 1.42 -0.22	23.73 1.49 0.00	34.84 2.17 0.00	28.59 2.00 -0.21	34.11 2.39 -4.50	32.08 2.87 -0.63	37.46 2.99 -3.87	33.07 2.43 -1.90	26.69 1.97 -1.40	26.93 1.64 -1.38
BALL_HILL_WT_PWR 323825	19.66 -1.56 0.00	19.40 -1.63 0.00	20.31 -1.66 0.00	19.78 -1.69 0.00	20.10 -1.60 0.00	22.26 -1.49 0.00	22.26 -1.73 0.00	23.03 -2.23 0.00	18.87 -1.61 0.00	21.15 -1.59 0.00	24.47 -1.68 0.00	21.07 -1.65 1.02	22.30 -1.59 0.00	19.55 -1.37 0.00	52.67 -1.64 -34.43	20.88 -1.36 0.00	30.74 -1.89 0.04	23.31 -1.83 1.25	22.53 -1.96 2.74	26.13 -1.99 0.47	28.54 -1.76 0.29	26.45 -1.71 0.60	19.77 -1.15 2.40	22.29 -0.67 0.95
BARON_WINDS___WT_PWR 323822	20.08 -1.47 -0.33	20.21 -1.21 -0.39	20.88 -1.43 -0.33	20.39 -1.37 -0.30	20.89 -1.21 -0.41	22.54 -1.25 -0.05	22.88 -1.10 0.00	24.01 -1.26 0.00	19.61 -0.99 -0.12	21.70 -1.04 0.00	24.79 -1.35 0.00	23.15 -1.52 -0.94	22.69 -1.21 0.00	19.99 -0.94 0.00	18.93 -0.95 0.00	21.27 -0.97 0.00	31.34 -1.36 -0.03	26.35 -1.16 -1.14	28.72 -1.00 -2.50	28.01 -1.01 -0.43	29.70 -1.16 -0.27	27.91 -1.39 -0.55	24.41 -1.10 -2.19	23.83 -0.95 -0.87
BARRETT_IC_1 23704	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_10 23701	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	54.42 1.71 -25.49	32.77 2.08 -2.10	54.63 2.19 -21.84	41.86 1.78 -11.32	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_11 23702	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	54.42 1.71 -25.49	32.77 2.08 -2.10	54.63 2.19 -21.84	41.86 1.78 -11.32	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_12 23703	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	54.42 1.71 -25.49	32.77 2.08 -2.10	54.63 2.19 -21.84	41.86 1.78 -11.32	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_2 23705	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_3 23706	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_4 23707	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44

BARRETT_IC_5 23708	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_6 23709	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_7 23710	36.96 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.27 1.04 0.00	34.21 1.54 0.00	30.30 1.44 -2.48	87.38 1.72 -58.43	35.10 2.07 -4.44	83.09 2.18 -50.31	55.07 1.78 -24.53	41.45 1.41 -16.73	41.44 1.09 -16.44
BARRETT_IC_8 23711	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT_IC_9 23700	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	54.42 1.71 -25.49	32.77 2.08 -2.10	54.63 2.19 -21.84	41.86 1.78 -11.32	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT___1 23545	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	87.36 1.71 -58.43	35.11 2.08 -4.44	83.09 2.19 -50.31	55.07 1.78 -24.53	41.43 1.39 -16.73	41.43 1.07 -16.44
BARRETT___2 23546	36.95 1.01 -14.73	22.02 0.99 -0.01	22.92 0.94 0.00	22.37 0.91 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.59 1.60 0.00	27.05 1.78 0.00	22.12 1.28 -0.37	23.71 0.98 0.00	27.36 1.21 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.92 0.99 0.00	21.10 1.01 -0.22	23.28 1.04 0.00	34.21 1.54 0.00	30.28 1.42 -2.48	54.42 1.71 -25.49	32.77 2.08 -2.10	54.63 2.19 -21.84	41.86 1.78 -11.32	41.43 1.39 -16.73	41.43 1.07 -16.44
BATAVIA__115KV_TB1 55881	20.14 -1.08 0.00	19.89 -1.14 0.00	20.76 -1.22 0.00	20.21 -1.26 0.00	20.62 -1.07 0.00	22.74 -1.00 0.00	22.68 -1.31 0.00	23.62 -1.64 0.00	19.34 -1.14 0.00	21.53 -1.21 0.00	24.73 -1.42 0.00	22.32 -1.41 0.00	22.44 -1.46 0.00	19.75 -1.17 0.00	63.07 -1.46 -44.66	21.07 -1.17 0.00	31.09 -1.57 0.00	24.89 -1.49 0.00	25.58 -1.65 0.00	26.98 -1.61 0.00	29.16 -1.43 0.00	27.39 -1.36 0.00	22.40 -0.92 0.00	23.51 -0.40 0.00
BAYONEEC___CTG1 323682	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG10 323750	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG2 323683	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG3 323684	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG4 323685	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG5 323686	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG6 323687	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00

BAYONEEC___CTG7 323688	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG8 323689	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BAYONEEC___CTG9 323749	22.12 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.82 1.08 0.00	25.49 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.82 1.09 0.00	27.37 1.23 0.00	24.90 1.18 0.01	25.06 1.17 0.00	21.90 0.98 0.00	21.06 0.97 -0.21	23.21 0.97 0.00	34.02 1.35 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.54 1.23 0.00	24.79 0.88 0.00
BEACON___LESR 323632	22.04 0.82 0.00	21.93 0.91 0.00	22.88 0.91 0.00	22.33 0.87 0.00	22.60 0.90 0.00	24.75 1.01 0.00	25.31 1.32 0.00	26.84 1.57 0.00	24.28 1.27 -2.54	23.87 1.13 0.00	27.26 1.11 0.00	24.75 1.03 0.00	24.92 1.02 0.00	21.72 0.80 0.00	20.71 0.84 0.00	23.22 0.98 0.00	34.14 1.47 0.00	27.67 1.29 0.00	28.73 1.50 0.00	30.33 1.73 0.00	32.37 1.78 0.00	30.29 1.54 0.00	24.43 1.11 0.00	24.83 0.92 0.00
BEAVER RIVER___HYD 24048	20.27 -0.94 0.00	20.10 -0.93 0.00	21.07 -0.91 0.00	20.62 -0.85 0.00	20.87 -0.83 0.00	22.87 -0.87 0.00	23.19 -0.80 0.00	24.57 -0.70 0.00	19.83 -0.64 0.00	21.88 -0.86 0.00	25.28 -0.87 0.00	22.82 -0.92 0.00	22.64 -1.26 0.00	19.68 -1.24 0.00	18.79 -1.08 0.00	21.08 -1.16 0.00	30.97 -1.70 0.00	24.87 -1.51 0.00	-0.40 -1.69 25.93	-12.34 -1.68 39.25	5.71 -1.78 23.10	24.99 -1.74 2.02	21.92 -1.39 0.00	22.74 -1.17 0.00
BEEBEE_GT_13 23619	20.27 -0.94 0.00	20.05 -0.98 0.00	20.94 -1.04 0.00	20.40 -1.06 0.00	20.76 -0.94 0.00	22.83 -0.91 0.00	22.89 -1.09 0.00	23.96 -1.31 0.00	19.55 -0.92 0.00	21.75 -0.99 0.00	24.96 -1.18 0.00	22.63 -1.10 0.00	22.76 -1.14 0.00	19.99 -0.93 0.00	73.16 -1.09 -54.38	21.28 -0.96 0.00	31.36 -1.31 0.00	25.13 -1.25 0.00	25.85 -1.38 0.00	27.26 -1.33 0.00	29.38 -1.21 0.00	27.58 -1.17 0.00	22.47 -0.84 0.00	23.44 -0.48 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.30 1.08 0.00	22.02 0.99 0.00	22.94 0.96 0.00	22.40 0.93 0.00	22.63 0.93 0.00	25.00 1.25 0.00	25.68 1.69 0.00	27.20 1.94 0.00	22.38 1.53 -0.37	24.05 1.31 0.00	27.60 1.45 0.00	25.11 1.38 0.00	25.27 1.37 0.00	22.09 1.17 0.00	21.24 1.15 -0.22	23.40 1.17 0.00	34.32 1.66 0.00	27.93 1.55 0.00	29.02 1.79 0.00	30.71 2.11 0.00	32.85 2.26 0.00	30.65 1.90 0.00	24.81 1.50 0.00	25.05 1.14 0.00
BETHLEHEM___GRP 23843	21.92 0.70 0.00	21.80 0.76 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.59 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.06 1.31 0.00	24.26 0.95 0.00	24.65 0.74 0.00
BETHLEHEM___GS1 323560	21.92 0.71 0.00	21.80 0.77 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.58 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.07 1.31 0.00	24.26 0.95 0.00	24.64 0.73 0.00
BETHLEHEM___GS2 323561	21.92 0.71 0.00	21.80 0.77 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.58 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.07 1.31 0.00	24.26 0.95 0.00	24.64 0.73 0.00
BETHLEHEM___GS3 323562	21.92 0.71 0.00	21.80 0.77 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.46 0.77 0.00	24.55 0.80 0.00	25.10 1.11 0.00	26.61 1.35 0.00	24.20 1.12 -2.60	23.71 0.97 0.00	27.10 0.95 0.00	24.61 0.87 0.00	24.77 0.87 0.00	21.62 0.70 0.00	20.58 0.71 0.00	23.04 0.80 0.00	33.87 1.20 0.00	27.49 1.11 0.00	28.51 1.28 0.00	30.02 1.43 0.00	32.08 1.48 0.00	30.07 1.31 0.00	24.26 0.95 0.00	24.64 0.73 0.00
BETHLEHEM___STEEL 23779	19.77 -1.45 0.00	19.52 -1.51 0.00	20.39 -1.59 0.00	19.85 -1.62 0.00	20.22 -1.47 0.00	22.31 -1.44 0.00	22.22 -1.77 0.00	23.03 -2.24 0.00	18.87 -1.60 0.00	21.12 -1.61 0.00	24.38 -1.77 0.00	22.12 -1.61 0.00	22.26 -1.64 0.00	19.54 -1.38 0.00	53.80 -1.65 -35.58	20.83 -1.41 0.00	30.74 -1.93 0.00	24.50 -1.88 0.00	25.17 -2.06 0.00	26.42 -2.17 0.00	28.65 -1.94 0.00	26.95 -1.80 0.00	22.09 -1.22 0.00	23.20 -0.71 0.00
BETHLHEM_115KV_TB1 79974	21.94 0.72 0.00	21.80 0.77 0.00	22.77 0.79 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.56 0.82 0.00	25.12 1.13 0.00	26.63 1.36 0.00	24.21 1.13 -2.60	23.72 0.99 0.00	27.11 0.97 0.00	24.62 0.89 0.00	24.78 0.88 0.00	21.62 0.70 0.00	20.59 0.72 0.00	23.05 0.81 0.00	33.89 1.22 0.00	27.51 1.13 0.00	28.53 1.30 0.00	30.04 1.45 0.00	32.10 1.51 0.00	30.09 1.33 0.00	24.28 0.97 0.00	24.67 0.75 0.00
BETHPAGE_CC_5 323564	24.26 1.21 -1.83	22.16 1.13 0.00	23.06 1.08 0.00	22.51 1.04 0.00	22.69 1.00 0.00	25.05 1.30 0.00	25.79 1.80 0.00	27.27 2.00 0.00	22.30 1.46 -0.37	23.89 1.15 0.00	27.57 1.43 0.00	25.11 1.38 0.00	25.30 1.40 0.00	22.11 1.19 0.00	21.32 1.23 -0.22	23.50 1.26 0.00	34.49 1.82 0.00	28.36 1.67 -0.31	35.74 1.99 -6.53	31.75 2.39 -0.77	38.72 2.51 -5.62	33.59 2.08 -2.76	27.08 1.69 -2.08	27.31 1.35 -2.04
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	19.85 -1.37 0.00	19.60 -1.43 0.00	20.47 -1.51 0.00	19.93 -1.54 0.00	20.32 -1.38 0.00	22.40 -1.35 0.00	22.33 -1.65 0.00	23.16 -2.10 0.00	18.98 -1.49 0.00	21.23 -1.50 0.00	24.51 -1.64 0.00	22.24 -1.49 0.00	22.39 -1.51 0.00	19.66 -1.27 0.00	53.46 -1.53 -35.13	20.95 -1.30 0.00	30.91 -1.76 0.00	24.65 -1.73 0.00	25.34 -1.89 0.00	26.62 -1.97 0.00	28.83 -1.77 0.00	27.11 -1.64 0.00	22.21 -1.10 0.00	23.31 -0.61 0.00

BINGHAMTON___COGEN 23790	20.91 -0.30 0.00	20.71 -0.32 0.00	21.64 -0.34 0.00	21.13 -0.34 0.00	21.38 -0.31 0.00	23.58 -0.16 0.00	23.91 -0.08 0.00	25.15 -0.11 0.00	20.52 -0.11 -0.15	22.57 -0.17 0.00	25.91 -0.24 0.00	23.39 -0.34 0.00	23.66 -0.24 0.00	20.75 -0.17 0.00	19.65 -0.22 0.00	22.08 -0.16 0.00	32.47 -0.20 0.00	26.21 -0.17 0.00	27.10 -0.12 0.00	28.61 0.01 0.00	30.64 0.05 0.00	28.59 -0.16 0.00	23.18 -0.13 0.00	23.81 -0.10 0.00
BIXINCNT_115KV_LOAD 355685	19.36 -1.86 0.00	19.12 -1.91 0.00	19.96 -2.02 0.00	19.50 -1.97 0.00	20.01 -1.69 0.00	21.99 -1.75 0.00	22.12 -1.87 0.00	23.03 -2.23 0.00	18.86 -1.62 0.00	20.90 -1.84 0.00	24.23 -1.91 0.00	22.02 -1.71 0.00	22.46 -1.44 0.00	19.78 -1.14 0.00	18.34 -1.53 0.00	20.82 -1.41 0.00	30.86 -1.81 0.00	24.82 -1.56 0.00	25.76 -1.47 0.00	26.92 -1.67 0.00	28.95 -1.64 0.00	27.26 -1.49 0.00	22.02 -1.29 0.00	23.08 -0.83 0.00
BLACK RIVER___HYD 24047	20.17 -1.05 0.00	19.98 -1.05 0.00	20.92 -1.06 0.00	20.49 -0.98 0.00	20.77 -0.93 0.00	22.76 -0.98 0.00	23.10 -0.89 0.00	24.49 -0.78 0.00	19.73 -0.75 0.00	21.68 -1.06 0.00	25.09 -1.06 0.00	22.68 -1.05 0.00	22.45 -1.45 0.00	19.42 -1.51 0.00	18.56 -1.31 0.00	20.88 -1.36 0.00	30.66 -2.00 0.00	24.73 -1.66 0.00	7.55 -1.83 17.85	-0.19 -1.76 27.02	12.90 -1.79 15.90	25.52 -1.84 1.39	21.78 -1.53 0.00	22.70 -1.22 0.00
BLACKRVR_115KV_TB2 79977	20.17 -1.05 0.00	19.98 -1.05 0.00	20.92 -1.06 0.00	20.49 -0.98 0.00	20.77 -0.93 0.00	22.76 -0.98 0.00	23.10 -0.89 0.00	24.49 -0.78 0.00	19.73 -0.74 0.00	21.68 -1.06 0.00	25.09 -1.06 0.00	22.68 -1.05 0.00	22.45 -1.45 0.00	19.42 -1.51 0.00	18.56 -1.32 0.00	20.88 -1.36 0.00	30.66 -2.01 0.00	24.73 -1.66 0.00	7.55 -1.83 17.85	-0.19 -1.76 27.02	12.90 -1.79 15.90	25.52 -1.84 1.39	21.78 -1.53 0.00	22.69 -1.22 0.00
BLISS_WT_PWR 323608	19.11 -2.11 0.00	18.87 -2.16 0.00	19.69 -2.29 0.00	19.25 -2.22 0.00	19.80 -1.90 0.00	21.74 -2.00 0.00	21.90 -2.09 0.00	22.79 -2.47 0.00	18.66 -1.81 0.00	20.64 -2.09 0.00	23.97 -2.17 0.00	20.76 -1.95 1.02	22.31 -1.59 0.00	19.67 -1.25 0.00	18.17 -1.70 0.00	20.65 -1.59 0.00	30.59 -2.04 0.04	23.43 -1.69 1.26	22.95 -1.51 2.76	26.31 -1.81 0.47	28.47 -1.83 0.30	26.51 -1.63 0.60	19.39 -1.51 2.41	21.96 -1.00 0.95
BLUESTONE___WT_PWR 323821	21.50 0.28 0.00	20.56 -0.47 0.00	22.50 0.52 0.00	21.59 0.12 0.00	21.74 0.04 0.00	24.41 0.66 0.00	23.98 0.00 0.00	25.41 0.15 0.00	20.64 -0.17 -0.33	22.48 -0.25 0.00	26.47 0.32 0.00	24.60 0.68 -0.18	24.78 0.88 0.00	21.78 0.85 0.00	20.59 0.72 0.00	22.96 0.71 0.00	33.39 0.72 -0.01	27.04 0.44 -0.21	27.83 0.13 -0.48	28.50 -0.17 -0.08	30.64 -0.01 -0.05	28.48 -0.38 -0.11	23.27 -0.48 -0.43	23.81 -0.27 -0.17
BLUE_CIRC_CHEM_DRP 24182	21.79 0.57 0.00	21.65 0.62 0.00	22.62 0.64 0.00	22.10 0.64 0.00	22.33 0.64 0.00	24.40 0.66 0.00	24.93 0.94 0.00	26.40 1.14 0.00	23.19 0.92 -1.80	23.53 0.80 0.00	26.91 0.77 0.00	24.43 0.69 0.00	24.61 0.71 0.00	21.51 0.58 0.00	20.46 0.59 0.00	22.90 0.66 0.00	33.67 1.00 0.00	27.32 0.94 0.00	28.30 1.07 0.00	29.80 1.21 0.00	31.85 1.25 0.00	29.85 1.10 0.00	24.13 0.81 0.00	24.57 0.65 0.00
BOC_GAS_DRP 24189	21.56 0.35 0.00	21.40 0.37 0.00	22.35 0.37 0.00	21.83 0.36 0.00	22.04 0.34 0.00	24.13 0.39 0.00	24.64 0.65 0.00	26.08 0.82 0.00	22.78 0.67 -1.63	23.26 0.53 0.00	26.66 0.51 0.00	24.22 0.48 0.00	24.40 0.50 0.00	21.32 0.40 0.00	20.27 0.40 0.00	22.67 0.43 0.00	33.29 0.62 0.00	27.00 0.62 0.00	27.97 0.74 0.00	29.46 0.87 0.00	31.51 0.92 0.00	29.51 0.77 0.00	23.87 0.56 0.00	24.30 0.39 0.00
BOONVILLE_115KV_TB1 79983	21.13 -0.09 0.00	20.96 -0.08 0.00	21.92 -0.06 0.00	21.43 -0.04 0.00	21.68 -0.02 0.00	23.79 0.05 0.00	24.19 0.20 0.00	25.60 0.34 0.00	20.71 0.24 0.00	22.85 0.11 0.00	26.25 0.10 0.00	23.71 -0.02 0.00	23.70 -0.20 0.00	20.70 -0.22 0.00	19.71 -0.16 0.00	22.11 -0.13 0.00	32.62 -0.05 0.00	26.33 -0.05 0.00	40.17 -0.07 -13.00	48.29 0.02 -19.69	42.21 0.03 -11.59	29.70 -0.07 -1.01	23.22 -0.09 0.00	23.84 -0.08 0.00
BORALEX_4TH_BRANCH 23824	21.72 0.50 0.00	21.73 0.70 0.00	22.71 0.74 0.00	22.20 0.73 0.00	22.40 0.71 0.00	24.40 0.66 0.00	25.01 1.02 0.00	26.59 1.32 0.00	24.61 1.12 -3.00	23.62 0.89 0.00	26.97 0.83 0.00	24.56 0.83 0.00	24.69 0.79 0.00	21.53 0.61 0.00	20.51 0.61 -0.03	22.92 0.68 0.00	33.72 1.05 0.00	27.30 0.93 0.00	28.33 1.11 0.00	29.85 1.25 0.00	31.90 1.30 0.00	30.01 1.26 0.00	24.20 0.89 0.00	24.51 0.60 0.00
BOWLINE___1 23526	21.96 0.75 0.00	21.71 0.68 0.00	22.63 0.65 0.00	22.10 0.64 0.00	22.32 0.62 0.00	24.61 0.87 0.00	25.23 1.25 0.00	26.72 1.45 0.00	21.94 1.11 -0.36	23.60 0.87 0.00	27.11 0.96 0.00	24.66 0.92 0.00	24.81 0.91 0.00	21.67 0.75 0.00	20.28 0.71 0.31	22.98 0.74 0.00	33.74 1.07 0.00	27.44 1.07 0.00	28.52 1.30 0.00	30.17 1.57 0.00	32.28 1.69 0.00	30.12 1.36 0.00	24.40 1.08 0.00	24.67 0.76 0.00
BOWLINE___2 23595	21.95 0.74 0.00	21.70 0.67 0.00	22.62 0.64 0.00	22.10 0.63 0.00	22.31 0.62 0.00	24.60 0.86 0.00	25.22 1.24 0.00	26.71 1.45 0.00	21.93 1.10 -0.36	23.60 0.86 0.00	27.10 0.95 0.00	24.65 0.92 0.00	24.80 0.90 0.00	21.67 0.75 0.00	20.27 0.71 0.31	22.98 0.74 0.00	33.74 1.07 0.00	27.44 1.07 0.00	28.52 1.30 0.00	30.17 1.57 0.00	32.28 1.69 0.00	30.12 1.37 0.00	24.40 1.08 0.00	24.67 0.76 0.00
BRADY___115KV_TB2 356060	21.34 0.13 0.00	21.15 0.12 0.00	22.13 0.15 0.00	21.62 0.16 0.00	21.87 0.18 0.00	23.87 0.13 0.00	23.93 -0.06 0.00	25.05 -0.22 0.00	20.22 -0.26 0.00	22.64 -0.09 0.00	26.19 0.04 0.00	23.76 0.03 0.00	23.86 -0.04 0.00	20.88 -0.04 0.00	19.83 -0.04 0.00	22.23 -0.01 0.00	32.76 0.09 0.00	26.27 -0.11 0.00	21.19 -0.32 5.71	19.54 -0.40 8.65	25.07 -0.43 5.09	28.00 -0.30 0.44	23.07 -0.24 0.00	23.74 -0.17 0.00
BRANSCOMB___SOLAR 323811	21.94 0.72 0.00	21.83 0.80 0.00	22.80 0.82 0.00	22.29 0.82 0.00	22.53 0.84 0.00	24.72 0.97 0.00	25.29 1.30 0.00	26.78 1.51 0.00	25.66 1.20 -3.98	23.76 1.03 0.00	27.10 0.96 0.00	24.59 0.86 0.00	24.73 0.83 0.00	21.60 0.68 0.00	20.53 0.66 0.00	22.96 0.72 0.00	33.84 1.17 0.00	27.55 1.17 0.00	28.59 1.36 0.00	30.09 1.50 0.00	32.15 1.55 0.00	30.07 1.32 0.00	24.21 0.90 0.00	24.61 0.70 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.35 1.36 -0.77	22.31 1.28 0.00	23.20 1.22 0.00	22.64 1.18 0.00	22.83 1.14 0.00	25.20 1.46 0.00	26.05 2.06 0.00	27.50 2.24 0.00	22.46 1.61 -0.37	24.02 1.28 0.00	27.74 1.60 0.00	25.26 1.53 0.00	25.40 1.51 0.00	22.22 1.29 0.00	21.45 1.36 -0.22	23.66 1.42 0.00	34.72 2.05 0.00	28.41 1.90 -0.13	32.36 2.26 -2.87	31.82 2.72 -0.51	35.91 2.84 -2.48	32.24 2.28 -1.21	26.05 1.86 -0.88	26.32 1.55 -0.86

BRISTLHL_115KV_TB1 79998	20.69 -0.53 0.00	20.49 -0.54 0.00	21.42 -0.56 0.00	20.92 -0.55 0.00	21.18 -0.52 0.00	23.23 -0.51 0.00	23.48 -0.51 0.00	24.74 -0.52 0.00	20.08 -0.40 0.00	22.23 -0.51 0.00	25.52 -0.63 0.00	23.08 -0.65 0.00	23.24 -0.66 0.00	20.40 -0.52 0.00	19.32 -0.55 0.00	21.69 -0.54 0.00	31.81 -0.85 0.00	25.78 -0.60 0.00	25.09 -0.58 1.57	25.69 -0.54 2.37	28.65 -0.55 1.40	28.05 -0.58 0.12	22.85 -0.46 0.00	23.64 -0.27 0.00
BROOKHAVEN___DRP 24191	23.07 1.19 -0.65	22.20 1.17 0.00	23.06 1.08 0.00	22.50 1.03 0.00	22.68 0.98 0.00	25.04 1.29 0.00	47.57 2.02 -21.56	27.35 2.09 0.00	22.28 1.44 -0.37	15.23 1.01 8.53	7.61 1.27 19.80	18.71 1.24 6.26	9.81 1.22 15.31	10.96 1.03 10.99	19.50 1.14 1.52	22.53 1.16 0.87	21.08 1.65 13.24	24.49 1.61 3.50	31.71 2.02 -2.46	31.63 2.55 -0.48	35.36 2.65 -2.12	31.79 2.00 -1.04	25.73 1.67 -0.74	26.03 1.39 -0.73
BROOKLYN_NAVY_YARD 23515	22.11 0.90 0.00	21.85 0.82 0.00	22.78 0.81 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.84 1.09 0.00	25.49 1.50 0.00	27.00 1.74 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.23 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.07 0.98 -0.21	23.22 0.98 0.00	34.03 1.36 0.00	27.67 1.29 0.00	28.74 1.51 0.00	30.39 1.79 0.00	32.52 1.93 0.00	30.30 1.55 0.00	24.54 1.23 0.00	24.78 0.86 0.00
BROOKLYN___ARMY_DRP 323595	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
BROOKVLE_69_KV_TB1 55790	25.74 1.32 -3.20	22.29 1.26 0.00	23.19 1.21 0.00	22.64 1.17 0.00	22.84 1.15 0.00	25.21 1.47 0.00	25.96 1.98 0.00	27.48 2.21 0.00	22.49 1.65 -0.37	24.13 1.40 0.00	27.81 1.66 0.00	25.29 1.56 0.00	25.49 1.59 0.00	22.27 1.35 0.00	21.46 1.37 -0.22	23.66 1.42 0.00	34.74 2.08 0.00	28.81 1.90 -0.54	40.89 2.19 -11.47	32.22 2.51 -1.12	43.18 2.72 -9.87	35.85 2.26 -4.84	28.75 1.80 -3.64	28.96 1.47 -3.57
BROOME_2_LFGE 323671	20.81 -0.30 0.10	20.59 -0.32 0.12	21.54 -0.34 0.10	21.04 -0.34 0.09	21.26 -0.31 0.12	23.56 -0.16 0.02	23.91 -0.08 0.00	25.15 -0.11 0.00	20.52 -0.11 -0.15	22.56 -0.17 0.00	25.91 -0.23 0.00	23.66 -0.34 -0.26	23.66 -0.24 0.00	20.75 -0.17 0.00	19.66 -0.21 0.00	22.08 -0.16 0.00	32.48 -0.20 -0.01	26.51 -0.18 -0.30	27.77 -0.13 -0.67	28.72 0.01 -0.11	30.72 0.05 -0.08	28.74 -0.17 -0.15	23.80 -0.13 -0.62	24.06 -0.10 -0.24
BROOME___LFGE 323600	20.81 -0.30 0.10	20.59 -0.32 0.12	21.54 -0.34 0.10	21.04 -0.34 0.09	21.26 -0.31 0.12	23.56 -0.16 0.02	23.91 -0.08 0.00	25.15 -0.11 0.00	20.52 -0.11 -0.15	22.56 -0.17 0.00	25.91 -0.23 0.00	23.66 -0.34 -0.26	23.66 -0.24 0.00	20.75 -0.17 0.00	19.66 -0.21 0.00	22.08 -0.16 0.00	32.48 -0.20 -0.01	26.51 -0.18 -0.30	27.77 -0.13 -0.67	28.72 0.01 -0.11	30.72 0.05 -0.08	28.74 -0.17 -0.15	23.80 -0.13 -0.62	24.06 -0.10 -0.24
BROWNFLS_115KV_TB_3_5 80003	20.27 -0.94 0.00	20.10 -0.93 0.00	21.04 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.73 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.84 -1.03 0.00	21.11 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.46 0.00	22.61 -1.31 0.00
BROWNSV1_27_KV_LOAD 356125	22.32 1.11 0.00	22.06 1.03 0.00	22.98 1.00 0.00	22.44 0.98 0.00	22.68 0.98 0.00	25.04 1.30 0.00	25.75 1.76 0.00	27.27 2.01 0.00	22.40 1.56 -0.37	24.08 1.34 0.00	27.66 1.51 0.00	25.17 1.44 0.00	25.32 1.43 0.00	22.13 1.21 0.00	21.26 1.18 -0.21	23.44 1.20 0.00	34.38 1.71 0.00	27.95 1.57 0.00	29.04 1.81 0.00	30.72 2.13 0.00	32.86 2.27 0.00	30.63 1.88 0.00	24.79 1.48 0.00	25.04 1.13 0.00
BURROWS___LYONSDAL 23803	20.88 -0.34 0.00	20.70 -0.33 0.00	21.68 -0.30 0.00	21.20 -0.27 0.00	21.44 -0.25 0.00	23.53 -0.22 0.00	23.91 -0.08 0.00	25.33 0.07 0.00	20.49 0.01 0.00	22.59 -0.14 0.00	25.99 -0.16 0.00	23.47 -0.27 0.00	23.40 -0.49 0.00	20.43 -0.49 0.00	19.47 -0.40 0.00	21.84 -0.40 0.00	32.22 -0.45 0.00	25.96 -0.42 0.00	26.75 -0.48 0.00	28.18 -0.41 0.00	30.15 -0.44 0.00	28.25 -0.50 0.00	22.89 -0.42 0.00	23.53 -0.39 0.00
CAITHNESS_CC_1 323624	23.05 1.19 -0.65	22.17 1.14 0.00	23.03 1.05 0.00	22.47 1.01 0.00	22.65 0.96 0.00	25.01 1.27 0.00	25.95 1.97 0.00	27.31 2.05 0.00	22.26 1.42 -0.37	15.23 1.02 8.53	7.63 1.28 19.80	18.72 1.25 6.26	9.81 1.22 15.31	10.97 1.04 10.99	19.50 1.15 1.52	22.53 1.16 0.87	21.08 1.65 13.24	24.47 1.59 3.50	31.67 1.99 -2.45	31.59 2.51 -0.48	35.29 2.59 -2.11	31.75 1.97 -1.03	25.71 1.66 -0.74	26.00 1.36 -0.73
CALPINE BETH_PAGE_GT4 24209	24.74 1.18 -2.34	22.14 1.11 0.00	23.04 1.06 0.00	22.49 1.03 0.00	22.67 0.98 0.00	25.02 1.28 0.00	25.72 1.73 0.00	27.19 1.93 0.00	22.25 1.40 -0.37	23.84 1.10 0.00	27.50 1.35 0.00	25.07 1.34 0.00	25.29 1.39 0.00	22.09 1.17 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.46 1.80 0.00	28.38 1.60 -0.40	37.42 1.91 -8.28	31.78 2.29 -0.89	40.15 2.42 -7.13	34.31 2.06 -3.50	27.63 1.65 -2.66	27.85 1.32 -2.62
CALPINE_BETH_PAGE_GT_4 323586	24.75 1.19 -2.34	22.14 1.11 0.00	23.04 1.06 0.00	22.49 1.03 0.00	22.67 0.98 0.00	25.02 1.28 0.00	25.72 1.73 0.00	27.19 1.93 0.00	22.25 1.40 -0.37	23.84 1.11 0.00	27.50 1.35 0.00	25.08 1.35 0.00	25.28 1.39 0.00	22.09 1.17 0.00	21.30 1.21 -0.22	23.48 1.24 0.00	34.46 1.79 0.00	28.38 1.61 -0.40	37.42 1.91 -8.28	31.78 2.30 -0.89	40.15 2.43 -7.13	34.31 2.06 -3.50	27.63 1.66 -2.66	27.86 1.33 -2.62
CALPINE_BP_GT1 23823	24.75 1.19 -2.34	22.14 1.11 0.00	23.04 1.06 0.00	22.49 1.03 0.00	22.67 0.98 0.00	25.02 1.28 0.00	25.72 1.73 0.00	27.19 1.93 0.00	22.25 1.40 -0.37	23.84 1.11 0.00	27.50 1.35 0.00	25.08 1.35 0.00	25.28 1.39 0.00	22.09 1.17 0.00	21.30 1.21 -0.22	23.48 1.24 0.00	34.46 1.79 0.00	28.38 1.61 -0.40	37.42 1.91 -8.28	31.78 2.30 -0.89	40.15 2.43 -7.13	34.31 2.06 -3.50	27.63 1.66 -2.66	27.86 1.33 -2.62
CALSPAN___DRP 24200	19.77 -1.45 0.00	19.52 -1.51 0.00	20.39 -1.59 0.00	19.85 -1.62 0.00	20.22 -1.47 0.00	22.31 -1.44 0.00	22.22 -1.77 0.00	23.03 -2.24 0.00	18.87 -1.60 0.00	21.12 -1.61 0.00	24.38 -1.77 0.00	22.12 -1.61 0.00	22.26 -1.64 0.00	19.54 -1.38 0.00	53.80 -1.65 -35.58	20.83 -1.41 0.00	30.74 -1.93 0.00	24.50 -1.88 0.00	25.17 -2.06 0.00	26.42 -2.17 0.00	28.65 -1.94 0.00	26.95 -1.80 0.00	22.09 -1.22 0.00	23.20 -0.71 0.00

CALVERTON___SOLAR 323806	23.11 1.24 -0.66	22.23 1.20 0.00	23.09 1.12 0.00	22.53 1.06 0.00	22.71 1.01 0.00	25.07 1.33 0.00	47.27 2.09 -21.19	27.40 2.14 0.00	22.32 1.47 -0.37	15.38 1.03 8.38	7.95 1.27 19.47	18.83 1.26 6.16	10.07 1.23 15.05	11.15 1.04 10.80	19.54 1.15 1.49	22.55 1.17 0.86	21.31 1.66 13.02	24.58 1.64 3.44	31.76 2.07 -2.47	31.70 2.63 -0.48	35.43 2.71 -2.12	31.82 2.03 -1.04	25.77 1.71 -0.75	26.08 1.43 -0.73
CANDIGU_WT_PWR 323617	20.08 -1.47 -0.33	20.21 -1.21 -0.39	20.88 -1.43 -0.33	20.39 -1.37 -0.30	20.89 -1.21 -0.41	22.54 -1.25 -0.05	22.88 -1.10 0.00	24.01 -1.26 0.00	19.61 -0.99 -0.12	21.70 -1.04 0.00	24.79 -1.35 0.00	23.15 -1.52 -0.94	22.69 -1.21 0.00	19.99 -0.94 0.00	18.93 -0.95 0.00	21.27 -0.97 0.00	31.34 -1.36 -0.03	26.35 -1.16 -1.14	28.72 -1.00 -2.50	28.01 -1.01 -0.43	29.70 -1.16 -0.27	27.91 -1.39 -0.55	24.41 -1.10 -2.19	23.83 -0.95 -0.87
CARR STREET_E_SYR 24060	20.76 -0.46 0.00	20.55 -0.47 0.00	21.49 -0.49 0.00	20.98 -0.49 0.00	21.24 -0.46 0.00	23.30 -0.44 0.00	23.48 -0.51 0.00	24.76 -0.51 0.00	20.10 -0.38 0.00	22.34 -0.39 0.00	25.71 -0.44 0.00	23.28 -0.45 0.00	23.45 -0.45 0.00	20.58 -0.34 0.00	19.50 -0.38 0.00	21.88 -0.36 0.00	32.16 -0.51 0.00	25.97 -0.41 0.00	26.83 -0.39 0.00	28.25 -0.34 0.00	30.26 -0.33 0.00	28.37 -0.38 0.00	23.01 -0.30 0.00	23.80 -0.12 0.00
CARTHAGE___PAPER 23857	20.37 -0.84 0.00	20.19 -0.84 0.00	21.14 -0.83 0.00	20.70 -0.76 0.00	20.97 -0.72 0.00	22.99 -0.75 0.00	23.31 -0.67 0.00	24.70 -0.56 0.00	19.91 -0.57 0.00	21.92 -0.82 0.00	25.34 -0.80 0.00	22.88 -0.86 0.00	22.66 -1.24 0.00	19.58 -1.34 0.00	18.64 -1.23 0.00	20.92 -1.32 0.00	30.52 -2.14 0.00	24.57 -1.81 0.00	4.24 -2.02 20.97	-5.15 -1.99 31.75	9.84 -2.07 18.69	25.06 -2.06 1.63	21.67 -1.64 0.00	22.83 -1.08 0.00
CASSADAGA_WT_PWR 323784	19.37 -1.84 0.00	18.98 -2.05 0.00	20.32 -1.66 0.00	19.71 -1.75 0.00	19.71 -1.98 0.00	22.11 -1.63 0.00	22.53 -1.46 0.00	22.80 -2.46 0.00	18.72 -1.76 0.00	20.99 -1.75 0.00	24.24 -1.91 0.00	20.83 -1.89 1.01	22.10 -1.80 0.00	19.36 -1.56 0.00	18.07 -1.80 0.00	20.75 -1.49 0.00	30.42 -2.22 0.04	23.05 -2.08 1.24	22.28 -2.21 2.73	25.86 -2.27 0.46	28.31 -1.99 0.29	26.12 -2.04 0.60	19.50 -1.43 2.39	22.48 -0.49 0.94
CE_DUNWOOD___DRP 24194	22.03 0.81 0.00	21.78 0.75 0.00	22.70 0.72 0.00	22.18 0.71 0.00	22.39 0.69 0.00	24.70 0.95 0.00	25.34 1.35 0.00	26.84 1.58 0.00	22.07 1.22 -0.37	23.73 0.99 0.00	27.24 1.10 0.00	24.79 1.06 0.00	24.95 1.06 0.00	21.80 0.88 0.00	20.96 0.85 -0.23	23.11 0.87 0.00	33.92 1.25 0.00	27.59 1.21 0.00	28.67 1.44 0.00	30.31 1.72 0.00	32.43 1.84 0.00	30.25 1.50 0.00	24.48 1.17 0.00	24.76 0.84 0.00
CE_MILLWOOD___DRP 24193	22.00 0.78 0.00	21.75 0.72 0.00	22.68 0.70 0.00	22.15 0.68 0.00	22.37 0.67 0.00	24.66 0.92 0.00	25.30 1.32 0.00	26.81 1.54 0.00	22.03 1.18 -0.37	23.69 0.95 0.00	27.20 1.06 0.00	24.74 1.01 0.00	24.90 1.01 0.00	21.76 0.84 0.00	20.92 0.80 -0.25	23.07 0.83 0.00	33.86 1.19 0.00	27.55 1.17 0.00	28.62 1.39 0.00	30.26 1.66 0.00	32.38 1.78 0.00	30.20 1.45 0.00	24.45 1.13 0.00	24.72 0.81 0.00
CE_NYC2_DRP 24202	22.19 0.98 0.00	21.94 0.91 0.00	22.86 0.88 0.00	22.32 0.86 0.00	22.55 0.86 0.00	24.91 1.16 0.00	25.56 1.58 0.00	27.06 1.80 0.00	22.26 1.41 -0.37	23.92 1.18 0.00	27.47 1.33 0.00	25.00 1.27 0.00	25.17 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.49 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.50 1.90 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.33 0.00	24.89 0.97 0.00
CE_NYC_DRP 24195	22.13 0.91 0.00	21.87 0.84 0.00	22.79 0.81 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.84 1.10 0.00	25.51 1.53 0.00	27.03 1.77 0.00	22.21 1.36 -0.37	23.86 1.12 0.00	27.41 1.27 0.00	24.95 1.22 0.00	25.11 1.21 0.00	21.95 1.02 0.00	21.09 1.00 -0.22	23.25 1.01 0.00	34.08 1.41 0.00	27.71 1.33 0.00	28.78 1.55 0.00	30.43 1.84 0.00	32.54 1.94 0.00	30.33 1.58 0.00	24.57 1.25 0.00	24.82 0.90 0.00
CHAFFEE___LFGE 323603	19.87 -1.35 0.00	19.62 -1.42 0.00	20.49 -1.48 0.00	19.94 -1.52 0.00	20.33 -1.36 0.00	22.42 -1.32 0.00	22.34 -1.65 0.00	23.18 -2.09 0.00	18.99 -1.49 0.00	21.42 -1.32 0.00	24.70 -1.44 0.00	21.43 -1.33 0.97	22.54 -1.36 0.00	19.77 -1.15 0.00	52.63 -1.46 -34.22	21.08 -1.16 0.00	31.09 -1.55 0.03	23.63 -1.56 1.19	22.93 -1.68 2.62	26.37 -1.78 0.44	28.77 -1.54 0.28	26.74 -1.44 0.57	20.06 -0.97 2.29	22.55 -0.46 0.90
CHATEAUG_35_KV_LOAD 355732	21.45 0.23 0.00	21.24 0.21 0.00	22.24 0.27 0.00	21.88 0.42 0.00	22.16 0.47 0.00	24.24 0.49 0.00	24.29 0.30 0.00	24.74 -0.52 0.00	19.64 -0.83 0.00	22.49 -0.24 0.00	26.73 0.59 0.00	24.20 0.47 0.00	24.36 0.46 0.00	21.40 0.48 0.00	20.37 0.50 0.00	22.52 0.28 0.00	32.54 -0.13 0.00	25.99 -0.39 0.00	22.53 -0.96 3.74	21.72 -1.21 5.66	25.99 -1.27 3.33	27.58 -0.88 0.29	22.51 -0.80 0.00	23.30 -0.62 0.00
CHATEAUG_WT_PWR 323614	21.41 0.19 0.00	21.18 0.15 0.00	22.17 0.19 0.00	21.81 0.35 0.00	22.10 0.41 0.00	24.18 0.44 0.00	24.24 0.25 0.00	24.66 -0.61 0.00	19.55 -0.92 0.00	22.41 -0.32 0.00	26.70 0.55 0.00	24.18 0.45 0.00	24.34 0.44 0.00	21.37 0.45 0.00	20.36 0.49 0.00	22.49 0.25 0.00	32.43 -0.24 0.00	25.90 -0.48 0.00	23.04 -1.08 3.11	22.53 -1.36 4.70	26.37 -1.45 2.77	27.48 -1.03 0.24	22.45 -0.87 0.00	23.20 -0.71 0.00
CHAT_HIGH_FALL_HYD 323578	21.45 0.23 0.00	21.24 0.21 0.00	22.24 0.27 0.00	21.88 0.42 0.00	22.16 0.47 0.00	24.24 0.49 0.00	24.29 0.30 0.00	24.74 -0.52 0.00	19.64 -0.83 0.00	22.49 -0.24 0.00	26.73 0.59 0.00	24.20 0.47 0.00	24.36 0.46 0.00	21.40 0.48 0.00	20.37 0.50 0.00	22.52 0.28 0.00	32.54 -0.13 0.00	25.99 -0.39 0.00	22.53 -0.96 3.74	21.72 -1.21 5.66	25.99 -1.27 3.33	27.58 -0.88 0.29	22.51 -0.80 0.00	23.30 -0.62 0.00
CHAUTAUQUA___LFGE 323629	19.62 -1.60 0.00	19.33 -1.70 0.00	20.35 -1.63 0.00	19.80 -1.67 0.00	20.05 -1.65 0.00	22.28 -1.46 0.00	22.37 -1.62 0.00	23.04 -2.22 0.00	18.90 -1.57 0.00	21.19 -1.55 0.00	24.45 -1.69 0.00	21.02 -1.70 1.01	22.27 -1.63 0.00	19.50 -1.42 0.00	51.99 -1.68 -33.79	20.86 -1.38 0.00	30.70 -1.94 0.04	23.26 -1.88 1.24	22.50 -2.00 2.73	26.11 -2.02 0.46	28.55 -1.76 0.29	26.41 -1.74 0.59	19.75 -1.18 2.38	22.35 -0.63 0.94
CHERRYST_13_KV_LD 356241	22.18 0.97 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.32 0.85 0.00	22.55 0.86 0.00	24.91 1.17 0.00	25.59 1.60 0.00	27.11 1.84 0.00	22.28 1.44 -0.37	23.94 1.21 0.00	27.51 1.37 0.00	25.04 1.31 0.00	25.20 1.30 0.00	22.03 1.10 0.00	21.16 1.07 -0.22	23.33 1.09 0.00	34.20 1.54 0.00	27.80 1.42 0.00	28.87 1.64 0.00	30.52 1.92 0.00	32.63 2.04 0.00	30.42 1.66 0.00	24.63 1.32 0.00	24.88 0.97 0.00

CHESTROR_138KV_BK263 355645	21.86 0.65 0.00	21.62 0.59 0.00	22.55 0.57 0.00	22.03 0.56 0.00	22.24 0.55 0.00	24.50 0.76 0.00	25.08 1.10 0.00	26.55 1.28 0.00	21.80 0.98 -0.34	23.50 0.76 0.00	26.97 0.82 0.00	24.51 0.78 0.00	24.67 0.78 0.00	21.57 0.65 0.00	20.32 0.62 0.17	22.88 0.64 0.00	33.59 0.92 0.00	27.31 0.93 0.00	28.37 1.15 0.00	30.00 1.41 0.00	32.11 1.51 0.00	29.96 1.21 0.00	24.26 0.95 0.00	24.58 0.66 0.00
CH_MIDHUDSON___DRP 24192	21.92 0.71 0.00	21.69 0.66 0.00	22.62 0.65 0.00	22.10 0.64 0.00	22.31 0.61 0.00	24.56 0.82 0.00	25.17 1.19 0.00	26.66 1.40 0.00	22.00 1.12 -0.40	23.64 0.90 0.00	27.10 0.95 0.00	24.64 0.90 0.00	24.80 0.90 0.00	21.66 0.74 0.00	20.59 0.72 0.00	22.99 0.75 0.00	33.75 1.09 0.00	27.47 1.09 0.00	28.54 1.32 0.00	30.17 1.57 0.00	32.26 1.66 0.00	30.09 1.34 0.00	24.32 1.00 0.00	24.62 0.70 0.00
CH_MISC_IPPS 23765	22.07 0.85 0.00	21.82 0.79 0.00	22.75 0.78 0.00	22.24 0.77 0.00	22.45 0.75 0.00	24.74 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.04 0.00	24.93 1.04 0.00	21.80 0.88 0.00	20.72 0.84 0.00	23.12 0.88 0.00	33.98 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.78 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00
CH_RES_BVR_FALLS 23983	20.78 -0.44 0.00	20.64 -0.39 0.00	21.65 -0.33 0.00	21.13 -0.34 0.00	21.29 -0.40 0.00	23.22 -0.52 0.00	23.30 -0.69 0.00	24.45 -0.82 0.00	19.79 -0.68 0.00	22.19 -0.55 0.00	25.67 -0.48 0.00	23.40 -0.33 0.00	23.46 -0.44 0.00	20.64 -0.28 0.00	19.63 -0.24 0.00	21.93 -0.31 0.00	32.39 -0.27 0.00	25.91 -0.47 0.00	25.59 -0.74 0.90	26.29 -0.94 1.37	28.80 -1.00 0.80	27.75 -0.93 0.07	22.58 -0.73 0.00	23.26 -0.65 0.00
CH_RES_NIAGARA 23895	19.26 -1.95 0.00	19.03 -2.00 0.00	19.87 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.10 -3.16 0.00	18.10 -2.38 0.00	20.26 -2.47 0.00	23.33 -2.82 0.00	21.30 -2.43 0.00	21.33 -2.57 0.00	18.73 -2.19 0.00	54.36 -2.46 -36.95	19.93 -2.31 0.00	29.38 -3.29 0.00	23.45 -2.93 0.00	24.08 -3.15 0.00	25.25 -3.34 0.00	27.36 -3.23 0.00	25.81 -2.95 0.00	21.37 -1.94 0.00	22.58 -1.34 0.00
CH_RES_SYRACUSE 23985	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.16 0.00	25.10 -0.17 0.00	20.36 -0.12 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.44 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.15 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.97 0.05 0.00
CLINTON_WT_PWR 323605	21.41 0.19 0.00	21.18 0.15 0.00	22.17 0.19 0.00	21.81 0.35 0.00	22.10 0.41 0.00	24.18 0.44 0.00	24.24 0.25 0.00	24.66 -0.61 0.00	19.55 -0.92 0.00	22.41 -0.32 0.00	26.70 0.55 0.00	24.18 0.45 0.00	24.34 0.44 0.00	21.37 0.45 0.00	20.36 0.49 0.00	22.49 0.25 0.00	32.43 -0.24 0.00	25.90 -0.48 0.00	23.04 -1.08 3.11	22.53 -1.36 4.70	26.37 -1.45 2.77	27.48 -1.03 0.24	22.45 -0.87 0.00	23.20 -0.71 0.00
CLINTON___LFGE 323618	21.86 0.64 0.00	21.64 0.60 0.00	22.64 0.67 0.00	22.27 0.80 0.00	22.57 0.87 0.00	24.71 0.97 0.00	24.87 0.88 0.00	25.36 0.09 0.00	20.12 -0.36 0.00	23.00 0.26 0.00	27.30 1.16 0.00	24.70 0.97 0.00	24.75 0.85 0.00	21.74 0.82 0.00	20.69 0.82 0.00	22.89 0.65 0.00	33.23 0.56 0.00	26.56 0.17 0.00	23.40 -0.32 3.50	22.80 -0.49 5.30	26.96 -0.52 3.12	28.23 -0.25 0.27	22.99 -0.32 0.00	23.70 -0.21 0.00
COBBLENY_34_KV_TB1 80064	19.87 -1.34 0.00	19.62 -1.42 0.00	20.49 -1.49 0.00	19.95 -1.52 0.00	20.33 -1.36 0.00	22.42 -1.32 0.00	22.34 -1.65 0.00	23.18 -2.09 0.00	18.99 -1.48 0.00	21.42 -1.32 0.00	24.71 -1.43 0.00	22.43 -1.31 0.00	22.55 -1.35 0.00	19.77 -1.15 0.00	52.67 -1.42 -34.22	21.08 -1.16 0.00	31.12 -1.54 0.00	24.82 -1.57 0.00	25.52 -1.71 0.00	26.82 -1.77 0.00	29.05 -1.54 0.00	27.31 -1.44 0.00	22.37 -0.95 0.00	23.44 -0.48 0.00
COFFEEN___115KV_TB3 355620	20.32 -0.89 0.00	20.13 -0.90 0.00	21.07 -0.91 0.00	20.63 -0.84 0.00	20.92 -0.78 0.00	22.94 -0.80 0.00	23.30 -0.69 0.00	24.70 -0.56 0.00	19.89 -0.59 0.00	21.80 -0.94 0.00	25.22 -0.92 0.00	22.76 -0.97 0.00	22.51 -1.39 0.00	19.44 -1.48 0.00	18.58 -1.29 0.00	20.92 -1.32 0.00	30.85 -1.82 0.00	24.91 -1.47 0.00	8.34 -1.59 17.29	0.93 -1.48 26.18	13.69 -1.50 15.41	25.83 -1.58 1.35	21.98 -1.33 0.00	22.87 -1.05 0.00
COLDSPRG_115KV_BK1 355956	20.26 -0.96 0.00	19.98 -1.05 0.00	21.07 -0.90 0.00	20.49 -0.97 0.00	20.73 -0.96 0.00	23.06 -0.69 0.00	23.32 -0.66 0.00	24.09 -1.18 0.00	19.76 -0.72 0.00	22.07 -0.66 0.00	25.50 -0.65 0.00	23.04 -0.69 0.00	23.23 -0.67 0.00	20.34 -0.58 0.00	19.01 -0.86 0.00	21.70 -0.54 0.00	31.97 -0.70 0.00	25.53 -0.85 0.00	26.26 -0.97 0.00	27.72 -0.88 0.00	30.00 -0.59 0.00	28.02 -0.73 0.00	22.94 -0.37 0.00	24.04 0.12 0.00
COLONIE_LFGE___ 323577	21.74 0.52 0.00	21.65 0.62 0.00	22.61 0.63 0.00	22.09 0.62 0.00	22.32 0.62 0.00	24.39 0.65 0.00	24.94 0.96 0.00	26.43 1.17 0.00	24.96 0.97 -3.52	23.52 0.79 0.00	26.89 0.74 0.00	24.44 0.71 0.00	24.58 0.68 0.00	21.46 0.54 0.00	20.41 0.54 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.27 0.89 0.00	28.28 1.06 0.00	29.78 1.19 0.00	31.82 1.23 0.00	29.83 1.08 0.00	24.06 0.75 0.00	24.45 0.54 0.00
COOPERNY_115KV_TB1 80082	21.66 0.44 0.00	21.43 0.40 0.00	22.36 0.38 0.00	21.84 0.38 0.00	22.06 0.37 0.00	24.27 0.53 0.00	24.78 0.79 0.00	26.17 0.91 0.00	21.46 0.69 -0.29	23.25 0.51 0.00	26.70 0.55 0.00	24.26 0.53 0.00	24.42 0.53 0.00	21.35 0.43 0.00	20.19 0.41 0.09	22.67 0.43 0.00	33.27 0.60 0.00	27.01 0.63 0.00	28.01 0.78 0.00	29.57 0.97 0.00	31.65 1.06 0.00	29.58 0.82 0.00	23.97 0.66 0.00	24.35 0.44 0.00
COPENHAGEN_WT_PWR 323753	19.94 -1.27 0.00	19.75 -1.28 0.00	20.69 -1.29 0.00	20.28 -1.19 0.00	20.55 -1.14 0.00	22.49 -1.26 0.00	22.81 -1.18 0.00	24.19 -1.07 0.00	19.51 -0.97 0.00	21.47 -1.27 0.00	24.87 -1.27 0.00	22.57 -1.16 0.00	22.33 -1.57 0.00	19.33 -1.60 0.00	18.52 -1.36 0.00	20.84 -1.40 0.00	30.48 -2.19 0.00	24.56 -1.82 0.00	8.85 -2.06 16.31	1.87 -2.03 24.70	14.01 -2.05 14.53	25.40 -2.08 1.27	21.57 -1.74 0.00	22.46 -1.46 0.00
CORNELL_____ 23752	21.27 0.05 0.00	21.05 0.02 0.00	22.02 0.04 0.00	21.49 0.02 0.00	21.75 0.05 0.00	23.97 0.23 0.00	24.31 0.33 0.00	25.53 0.26 0.00	20.80 0.19 -0.13	22.83 0.10 0.00	26.17 0.03 0.00	23.64 -0.09 0.00	23.90 0.00 0.00	20.91 -0.01 0.00	19.80 -0.07 0.00	22.26 0.03 0.00	32.81 0.15 0.00	26.56 0.18 0.00	27.47 0.25 0.00	28.98 0.38 0.00	31.04 0.45 0.00	28.97 0.22 0.00	23.48 0.17 0.00	24.16 0.25 0.00

CORONA__69_KV_TB1 355595	31.91 1.20 -9.50	22.18 1.14 0.00	23.08 1.10 0.00	22.53 1.07 0.00	22.72 1.02 0.00	25.07 1.33 0.00	25.81 1.83 0.00	27.30 2.04 0.00	22.34 1.50 -0.37	23.97 1.23 0.00	27.62 1.47 0.00	25.12 1.39 0.00	25.30 1.40 0.00	22.12 1.20 0.00	21.29 1.20 -0.22	23.48 1.24 0.00	34.49 1.83 0.00	29.68 1.71 -1.60	66.90 2.00 -37.66	33.93 2.36 -2.97	65.53 2.51 -32.43	46.64 2.07 -15.81	35.74 1.64 -10.78	35.83 1.32 -10.60
CORTLAND__115KV_TB3 80093	21.14 -0.08 0.00	20.93 -0.10 0.00	21.88 -0.10 0.00	21.36 -0.11 0.00	21.62 -0.07 0.00	23.80 0.06 0.00	24.18 0.19 0.00	25.96 0.69 0.00	20.97 0.49 0.00	23.14 0.41 0.00	26.45 0.31 0.00	23.90 0.17 0.00	24.07 0.18 0.00	21.12 0.20 0.00	20.00 0.13 0.00	22.45 0.21 0.00	33.14 0.47 0.00	26.86 0.48 0.00	29.22 0.54 -1.45	31.42 0.62 -2.20	32.73 0.85 -1.29	29.57 0.71 -0.11	23.77 0.46 0.00	24.44 0.53 0.00
COXSACKIE__GT 23611	22.89 1.67 0.00	22.73 1.70 0.00	23.76 1.78 0.00	23.24 1.77 0.00	23.50 1.81 0.00	25.72 1.98 0.00	26.37 2.39 0.00	28.00 2.73 0.00	24.44 2.28 -1.68	24.91 2.18 0.00	28.04 1.89 0.00	25.15 1.42 0.00	25.30 1.41 0.00	22.09 1.17 0.00	21.20 1.33 0.00	23.88 1.64 0.00	35.31 2.65 0.00	28.71 2.33 0.00	29.93 2.70 0.00	31.61 3.02 0.00	33.71 3.12 0.00	31.52 2.76 0.00	25.36 2.05 0.00	25.77 1.86 0.00
CPV_VALLEY__CC1 323721	21.70 0.48 0.00	21.46 0.42 0.00	22.38 0.40 0.00	21.87 0.40 0.00	22.07 0.38 0.00	24.30 0.56 0.00	24.85 0.86 0.00	26.29 1.03 0.00	21.59 0.79 -0.32	23.31 0.57 0.00	26.75 0.61 0.00	24.33 0.60 0.00	24.49 0.59 0.00	21.41 0.49 0.00	20.21 0.47 0.12	22.71 0.47 0.00	33.33 0.66 0.00	27.08 0.70 0.00	28.11 0.89 0.00	29.71 1.12 0.00	31.79 1.20 0.00	29.69 0.93 0.00	24.06 0.74 0.00	24.38 0.47 0.00
CPV_VALLEY__CC2 323722	21.70 0.48 0.00	21.46 0.42 0.00	22.38 0.40 0.00	21.87 0.40 0.00	22.07 0.38 0.00	24.30 0.56 0.00	24.85 0.86 0.00	26.29 1.03 0.00	21.59 0.79 -0.32	23.31 0.57 0.00	26.75 0.61 0.00	24.33 0.60 0.00	24.49 0.59 0.00	21.41 0.49 0.00	20.21 0.47 0.12	22.71 0.47 0.00	33.33 0.66 0.00	27.08 0.70 0.00	28.11 0.89 0.00	29.71 1.12 0.00	31.79 1.20 0.00	29.69 0.93 0.00	24.06 0.74 0.00	24.38 0.47 0.00
CRESCENT__HYD 24018	21.74 0.52 0.00	21.65 0.62 0.00	22.61 0.63 0.00	22.09 0.62 0.00	22.32 0.62 0.00	24.39 0.65 0.00	24.94 0.96 0.00	26.43 1.17 0.00	24.96 0.97 -3.52	23.52 0.79 0.00	26.89 0.74 0.00	24.44 0.71 0.00	24.58 0.68 0.00	21.46 0.54 0.00	20.41 0.54 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.27 0.89 0.00	28.28 1.06 0.00	29.78 1.19 0.00	31.82 1.23 0.00	29.83 1.08 0.00	24.06 0.75 0.00	24.45 0.54 0.00
CRICKET__VALLEY_CC1 323756	21.67 0.45 0.00	21.46 0.43 0.00	22.38 0.40 0.00	21.88 0.41 0.00	22.06 0.37 0.00	24.25 0.51 0.00	24.87 0.88 0.00	26.38 1.11 0.00	21.87 0.93 -0.46	23.41 0.67 0.00	26.81 0.66 0.00	24.44 0.70 0.00	24.57 0.68 0.00	21.43 0.50 0.00	20.44 0.51 -0.06	22.74 0.50 0.00	33.39 0.72 0.00	27.20 0.82 0.00	28.27 1.05 0.00	29.88 1.28 0.00	31.94 1.35 0.00	29.78 1.03 0.00	24.04 0.72 0.00	24.30 0.39 0.00
CRICKET__VALLEY_CC2 323757	21.67 0.45 0.00	21.46 0.43 0.00	22.38 0.40 0.00	21.88 0.41 0.00	22.06 0.37 0.00	24.25 0.51 0.00	24.87 0.88 0.00	26.38 1.11 0.00	21.87 0.93 -0.46	23.41 0.67 0.00	26.81 0.66 0.00	24.44 0.70 0.00	24.57 0.68 0.00	21.43 0.50 0.00	20.44 0.51 -0.06	22.74 0.50 0.00	33.39 0.72 0.00	27.20 0.82 0.00	28.27 1.05 0.00	29.88 1.28 0.00	31.94 1.35 0.00	29.78 1.03 0.00	24.04 0.72 0.00	24.30 0.39 0.00
CRICKET__VALLEY_CC3 323758	21.67 0.45 0.00	21.46 0.43 0.00	22.38 0.40 0.00	21.88 0.41 0.00	22.06 0.37 0.00	24.25 0.51 0.00	24.87 0.88 0.00	26.38 1.11 0.00	21.87 0.93 -0.46	23.41 0.67 0.00	26.81 0.66 0.00	24.44 0.70 0.00	24.57 0.68 0.00	21.43 0.50 0.00	20.44 0.51 -0.06	22.74 0.50 0.00	33.39 0.72 0.00	27.20 0.82 0.00	28.27 1.05 0.00	29.88 1.28 0.00	31.94 1.35 0.00	29.78 1.03 0.00	24.04 0.72 0.00	24.30 0.39 0.00
CRUCIBLE_METL_DRP 24180	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00
DAHOWA__HYDRO 323763	21.97 0.75 0.00	21.87 0.84 0.00	22.85 0.87 0.00	22.33 0.87 0.00	22.59 0.90 0.00	24.80 1.05 0.00	25.40 1.41 0.00	26.90 1.64 0.00	25.81 1.29 -4.05	23.83 1.10 0.00	27.16 1.02 0.00	24.64 0.91 0.00	24.77 0.87 0.00	21.64 0.72 0.00	20.56 0.69 0.00	22.98 0.74 0.00	33.90 1.23 0.00	27.63 1.25 0.00	28.68 1.45 0.00	30.17 1.57 0.00	32.22 1.63 0.00	30.13 1.38 0.00	24.24 0.92 0.00	24.63 0.72 0.00
DANC__LFGE 323619	20.23 -0.99 0.00	20.04 -1.00 0.00	20.97 -1.01 0.00	20.52 -0.95 0.00	20.79 -0.90 0.00	22.75 -0.99 0.00	23.03 -0.95 0.00	24.38 -0.89 0.00	19.70 -0.78 0.00	21.74 -0.99 0.00	25.11 -1.04 0.00	22.75 -0.98 0.00	22.63 -1.26 0.00	19.70 -1.23 0.00	18.79 -1.09 0.00	21.12 -1.12 0.00	30.95 -1.71 0.00	24.98 -1.40 0.00	14.78 -1.52 10.92	10.57 -1.49 16.54	19.36 -1.50 9.73	26.39 -1.51 0.85	22.07 -1.24 0.00	22.91 -1.00 0.00
DANSKAMMER__1 23586	22.07 0.85 0.00	21.82 0.79 0.00	22.75 0.78 0.00	22.24 0.77 0.00	22.45 0.75 0.00	24.74 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.04 0.00	24.93 1.04 0.00	21.80 0.88 0.00	20.72 0.84 0.00	23.12 0.88 0.00	33.98 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.78 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00
DANSKAMMER__2 23589	22.07 0.85 0.00	21.82 0.79 0.00	22.75 0.78 0.00	22.24 0.77 0.00	22.45 0.75 0.00	24.74 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.04 0.00	24.93 1.04 0.00	21.80 0.88 0.00	20.72 0.84 0.00	23.12 0.88 0.00	33.98 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.78 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00
DANSKAMMER__3 23590	22.07 0.85 0.00	21.82 0.79 0.00	22.75 0.78 0.00	22.24 0.77 0.00	22.45 0.75 0.00	24.74 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.04 0.00	24.93 1.04 0.00	21.80 0.88 0.00	20.72 0.84 0.00	23.12 0.88 0.00	33.98 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.78 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00

DANSKAMMER___4 23591	22.07 0.85 0.00	21.82 0.79 0.00	22.75 0.78 0.00	22.24 0.77 0.00	22.45 0.75 0.00	24.74 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.04 0.00	24.93 1.04 0.00	21.80 0.88 0.00	20.72 0.84 0.00	23.12 0.88 0.00	33.98 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.78 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00
DANSKAMMER___DIESEL 23592	22.07 0.85 0.00	21.82 0.79 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.45 0.76 0.00	24.73 0.99 0.00	25.36 1.37 0.00	26.85 1.59 0.00	22.12 1.25 -0.39	23.79 1.05 0.00	27.28 1.14 0.00	24.77 1.03 0.00	24.94 1.04 0.00	21.80 0.88 0.00	20.71 0.84 0.00	23.12 0.88 0.00	33.97 1.31 0.00	27.65 1.27 0.00	28.73 1.50 0.00	30.37 1.77 0.00	32.48 1.89 0.00	30.29 1.53 0.00	24.49 1.17 0.00	24.79 0.88 0.00
DARBY___SOLAR 323810	21.96 0.74 0.00	21.85 0.82 0.00	22.82 0.85 0.00	22.31 0.84 0.00	22.55 0.86 0.00	24.75 1.00 0.00	25.33 1.34 0.00	26.82 1.55 0.00	25.68 1.22 -3.98	23.77 1.04 0.00	27.10 0.96 0.00	24.59 0.86 0.00	24.71 0.82 0.00	21.59 0.67 0.00	20.52 0.65 0.00	22.95 0.71 0.00	33.85 1.18 0.00	27.57 1.19 0.00	28.61 1.39 0.00	30.12 1.52 0.00	32.17 1.57 0.00	30.09 1.34 0.00	24.23 0.91 0.00	24.62 0.71 0.00
DASHVILLE___HYD 23610	21.67 0.46 0.00	21.43 0.40 0.00	22.34 0.36 0.00	21.82 0.36 0.00	22.02 0.33 0.00	24.27 0.53 0.00	24.87 0.88 0.00	26.32 1.06 0.00	22.04 0.85 -0.71	23.44 0.71 0.00	26.90 0.75 0.00	24.43 0.70 0.00	24.60 0.70 0.00	21.51 0.59 0.00	20.43 0.56 0.00	22.80 0.56 0.00	33.47 0.80 0.00	27.24 0.86 0.00	28.32 1.09 0.00	29.94 1.34 0.00	32.03 1.43 0.00	29.86 1.11 0.00	24.15 0.84 0.00	24.44 0.52 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.26 1.39 -0.66	22.41 1.37 0.00	23.26 1.29 0.00	22.70 1.24 0.00	22.89 1.19 0.00	25.29 1.55 0.00	48.13 2.38 -21.76	27.52 2.26 0.00	22.53 1.68 -0.37	15.36 1.23 8.61	7.69 1.53 19.99	18.91 1.50 6.32	10.03 1.58 15.45	11.07 1.25 11.10	19.64 1.30 1.53	22.68 1.32 0.88	21.22 1.93 13.37	24.71 1.86 3.53	32.05 2.35 -2.48	32.05 2.97 -0.48	35.78 3.06 -2.13	32.11 2.32 -1.04	25.97 1.91 -0.75	26.33 1.68 -0.73
DELAWARE___LFGE 323621	21.72 0.50 0.00	21.46 0.43 0.00	22.46 0.48 0.00	21.93 0.46 0.00	22.14 0.45 0.00	24.36 0.62 0.00	24.74 0.75 0.00	26.10 0.83 0.00	21.71 0.63 -0.61	23.29 0.56 0.00	26.78 0.64 0.00	24.32 0.59 0.00	24.55 0.65 0.00	21.46 0.54 0.00	20.36 0.49 0.00	22.78 0.53 0.00	33.39 0.72 0.00	27.03 0.65 0.00	27.96 0.74 0.00	29.43 0.84 0.00	31.53 0.93 0.00	29.49 0.73 0.00	23.87 0.56 0.00	24.38 0.46 0.00
DERFIELD_115KV_TB7 355931	21.26 0.04 0.00	21.08 0.05 0.00	22.03 0.06 0.00	21.52 0.05 0.00	21.74 0.04 0.00	23.81 0.07 0.00	24.14 0.15 0.00	25.48 0.21 0.00	20.65 0.17 0.00	22.83 0.09 0.00	26.21 0.06 0.00	23.79 0.06 0.00	23.96 0.07 0.00	20.97 0.05 0.00	19.93 0.06 0.00	22.29 0.05 0.00	32.76 0.09 0.00	26.50 0.12 0.00	29.58 0.16 -2.19	32.11 0.20 -3.32	32.77 0.22 -1.95	29.08 0.16 -0.17	23.42 0.10 0.00	23.97 0.06 0.00
DOGLEVILLE___HYD 23807	21.11 -0.10 0.00	20.98 -0.05 0.00	21.96 -0.02 0.00	21.47 0.01 0.00	21.67 -0.02 0.00	23.73 -0.01 0.00	24.41 0.42 0.00	25.88 0.62 0.00	20.97 0.49 0.00	22.85 0.11 0.00	26.04 -0.11 0.00	23.58 -0.15 0.00	23.88 -0.02 0.00	20.75 -0.18 0.00	19.82 -0.06 0.00	22.20 -0.03 0.00	32.60 -0.07 0.00	26.47 0.09 0.00	29.72 0.30 -2.19	32.43 0.52 -3.32	33.05 0.51 -1.95	29.30 0.37 -0.17	23.42 0.11 0.00	23.67 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	19.67 -1.55 0.00	19.38 -1.65 0.00	20.36 -1.62 0.00	19.81 -1.66 0.00	20.08 -1.61 0.00	22.31 -1.44 0.00	22.37 -1.62 0.00	23.07 -2.20 0.00	18.93 -1.55 0.00	21.21 -1.53 0.00	24.48 -1.67 0.00	22.08 -1.65 0.00	22.30 -1.60 0.00	19.53 -1.39 0.00	52.12 -1.62 -33.87	20.88 -1.36 0.00	30.77 -1.90 0.00	24.52 -1.85 0.00	25.23 -1.99 0.00	26.62 -1.97 0.00	28.87 -1.73 0.00	27.04 -1.71 0.00	22.17 -1.14 0.00	23.28 -0.63 0.00
DUNKIRK___1 23563	19.67 -1.55 0.00	19.38 -1.65 0.00	20.36 -1.62 0.00	19.81 -1.66 0.00	20.08 -1.61 0.00	22.31 -1.44 0.00	22.37 -1.62 0.00	23.07 -2.20 0.00	18.93 -1.55 0.00	21.21 -1.53 0.00	24.48 -1.67 0.00	22.08 -1.65 0.00	22.30 -1.60 0.00	19.53 -1.39 0.00	52.12 -1.62 -33.87	20.88 -1.36 0.00	30.77 -1.90 0.00	24.52 -1.85 0.00	25.23 -1.99 0.00	26.62 -1.97 0.00	28.87 -1.73 0.00	27.04 -1.71 0.00	22.17 -1.14 0.00	23.28 -0.63 0.00
DUNKIRK___2 23564	19.67 -1.55 0.00	19.38 -1.65 0.00	20.36 -1.62 0.00	19.81 -1.66 0.00	20.08 -1.61 0.00	22.31 -1.44 0.00	22.37 -1.62 0.00	23.07 -2.20 0.00	18.93 -1.55 0.00	21.21 -1.53 0.00	24.48 -1.67 0.00	22.08 -1.65 0.00	22.30 -1.60 0.00	19.53 -1.39 0.00	52.12 -1.62 -33.87	20.88 -1.36 0.00	30.77 -1.90 0.00	24.52 -1.85 0.00	25.23 -1.99 0.00	26.62 -1.97 0.00	28.87 -1.73 0.00	27.04 -1.71 0.00	22.17 -1.14 0.00	23.28 -0.63 0.00
DUNKIRK___3 23565	19.70 -1.51 0.00	19.43 -1.60 0.00	20.37 -1.61 0.00	19.83 -1.64 0.00	20.13 -1.57 0.00	22.33 -1.42 0.00	22.38 -1.61 0.00	23.14 -2.12 0.00	18.96 -1.52 0.00	21.24 -1.50 0.00	24.54 -1.61 0.00	22.13 -1.60 0.00	22.36 -1.54 0.00	19.59 -1.34 0.00	52.26 -1.56 -33.94	20.93 -1.31 0.00	30.86 -1.80 0.00	24.61 -1.77 0.00	25.32 -1.91 0.00	26.72 -1.87 0.00	28.95 -1.65 0.00	27.12 -1.64 0.00	22.23 -1.08 0.00	23.26 -0.66 0.00
DUNKIRK___4 23566	19.70 -1.52 0.00	19.43 -1.60 0.00	20.38 -1.60 0.00	19.83 -1.64 0.00	20.14 -1.56 0.00	22.31 -1.43 0.00	22.34 -1.65 0.00	23.08 -2.18 0.00	18.93 -1.55 0.00	21.20 -1.54 0.00	24.46 -1.69 0.00	22.10 -1.63 0.00	22.30 -1.60 0.00	19.54 -1.38 0.00	53.03 -1.62 -34.77	20.87 -1.37 0.00	30.79 -1.88 0.00	24.54 -1.84 0.00	25.23 -1.99 0.00	26.59 -2.00 0.00	28.83 -1.76 0.00	27.03 -1.72 0.00	22.16 -1.15 0.00	23.26 -0.65 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.05 0.83 0.00	21.80 0.77 0.00	22.72 0.74 0.00	22.19 0.73 0.00	22.41 0.72 0.00	24.72 0.98 0.00	25.38 1.40 0.00	26.89 1.63 0.00	22.11 1.26 -0.37	23.76 1.03 0.00	27.30 1.15 0.00	24.84 1.11 0.00	25.00 1.10 0.00	21.84 0.92 0.00	20.98 0.90 -0.22	23.16 0.92 0.00	33.98 1.31 0.00	27.63 1.25 0.00	28.72 1.49 0.00	30.37 1.77 0.00	32.49 1.90 0.00	30.29 1.53 0.00	24.52 1.21 0.00	24.79 0.87 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	21.94 0.73 0.00	21.69 0.66 0.00	22.62 0.65 0.00	22.10 0.64 0.00	22.32 0.62 0.00	24.59 0.85 0.00	25.19 1.20 0.00	26.67 1.40 0.00	21.94 1.08 -0.38	23.61 0.88 0.00	27.08 0.94 0.00	24.60 0.87 0.00	24.75 0.86 0.00	21.64 0.72 0.00	20.50 0.69 0.06	22.97 0.72 0.00	33.73 1.07 0.00	27.44 1.06 0.00	28.51 1.29 0.00	30.14 1.55 0.00	32.26 1.67 0.00	30.09 1.34 0.00	24.35 1.04 0.00	24.66 0.75 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	22.20 0.98 0.00	21.97 0.94 0.00	22.89 0.91 0.00	22.35 0.89 0.00	22.59 0.89 0.00	24.93 1.19 0.00	25.55 1.56 0.00	26.99 1.72 0.00	22.20 1.35 -0.37	23.83 1.09 0.00	27.36 1.21 0.00	24.91 1.18 0.00	25.07 1.18 0.00	21.91 0.99 0.00	21.06 0.97 -0.22	23.20 0.96 0.00	33.99 1.33 0.00	27.67 1.29 0.00	28.73 1.51 0.00	30.40 1.81 0.00	32.55 1.95 0.00	30.33 1.58 0.00	24.56 1.24 0.00	24.80 0.89 0.00
E179THST_13_KV_LOAD 356214	22.29 1.07 0.00	22.05 1.01 0.00	22.97 1.00 0.00	22.44 0.97 0.00	22.67 0.98 0.00	25.02 1.28 0.00	25.65 1.67 0.00	27.10 1.84 0.00	22.30 1.46 -0.37	23.94 1.21 0.00	27.48 1.34 0.00	25.02 1.29 0.00	25.19 1.29 0.00	22.01 1.09 0.00	21.16 1.07 -0.22	23.31 1.07 0.00	34.16 1.49 0.00	27.80 1.42 0.00	28.87 1.64 0.00	30.55 1.95 0.00	32.70 2.11 0.00	30.47 1.71 0.00	24.67 1.36 0.00	24.91 0.99 0.00
EAST HAMPTON___GT 23717	23.23 1.36 -0.66	22.36 1.33 0.00	23.21 1.23 0.00	22.66 1.19 0.00	22.85 1.16 0.00	25.26 1.51 0.00	48.14 2.34 -21.81	27.30 2.03 0.00	22.51 1.66 -0.37	15.33 1.21 8.62	7.67 1.56 20.03	18.99 1.59 6.34	10.10 1.69 15.49	11.08 1.28 11.12	19.61 1.28 1.54	22.63 1.28 0.88	21.14 1.87 13.39	24.68 1.84 3.54	32.02 2.31 -2.48	32.03 2.95 -0.48	35.75 3.03 -2.13	32.07 2.28 -1.04	25.94 1.88 -0.75	26.32 1.67 -0.73
EAST RIVER___6 23660	22.12 0.91 0.00	21.86 0.83 0.00	22.78 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.83 1.09 0.00	25.52 1.53 0.00	27.03 1.77 0.00	22.22 1.38 -0.37	23.88 1.14 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.23 0.00	21.97 1.04 0.00	21.12 1.03 -0.22	23.28 1.04 0.00	34.09 1.42 0.00	27.72 1.34 0.00	28.79 1.56 0.00	30.43 1.84 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.57 1.25 0.00	24.81 0.89 0.00
EAST RIVER___7 23524	22.12 0.91 0.00	21.86 0.83 0.00	22.78 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.83 1.09 0.00	25.52 1.53 0.00	27.03 1.77 0.00	22.22 1.38 -0.37	23.88 1.14 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.23 0.00	21.97 1.04 0.00	21.12 1.03 -0.22	23.28 1.04 0.00	34.09 1.42 0.00	27.72 1.34 0.00	28.79 1.56 0.00	30.43 1.84 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.57 1.25 0.00	24.81 0.89 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.03 0.81 0.00	21.78 0.75 0.00	22.70 0.72 0.00	22.18 0.71 0.00	22.39 0.69 0.00	24.70 0.95 0.00	25.34 1.35 0.00	26.84 1.58 0.00	22.07 1.22 -0.37	23.73 0.99 0.00	27.24 1.10 0.00	24.79 1.06 0.00	24.95 1.06 0.00	21.80 0.88 0.00	20.96 0.85 -0.23	23.11 0.87 0.00	33.92 1.25 0.00	27.59 1.21 0.00	28.67 1.44 0.00	30.31 1.72 0.00	32.43 1.84 0.00	30.25 1.50 0.00	24.48 1.17 0.00	24.76 0.84 0.00
EAST_HAMPTON___DIESEL 23722	23.19 1.31 -0.66	22.33 1.30 0.00	23.18 1.20 0.00	22.63 1.16 0.00	22.81 1.12 0.00	25.21 1.47 0.00	48.10 2.30 -21.81	27.27 2.01 0.00	22.47 1.63 -0.37	15.29 1.18 8.62	7.65 1.53 20.03	18.97 1.58 6.34	10.10 1.69 15.49	11.06 1.26 11.12	19.59 1.25 1.54	22.60 1.24 0.88	21.09 1.82 13.39	24.64 1.80 3.54	31.98 2.27 -2.48	31.99 2.91 -0.48	35.71 2.98 -2.13	32.03 2.24 -1.04	25.90 1.84 -0.75	26.29 1.64 -0.73
EAST_PULASKI___ESR 323781	20.56 -0.66 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.80 -0.67 0.00	21.07 -0.63 0.00	23.08 -0.66 0.00	23.33 -0.66 0.00	24.63 -0.64 0.00	19.95 -0.53 0.00	22.07 -0.67 0.00	25.39 -0.76 0.00	22.97 -0.76 0.00	22.99 -0.91 0.00	20.11 -0.81 0.00	19.10 -0.77 0.00	21.46 -0.78 0.00	31.51 -1.15 0.00	25.47 -0.91 0.00	20.77 -0.93 5.53	19.34 -0.88 8.37	24.78 -0.89 4.93	27.42 -0.91 0.43	22.60 -0.71 0.00	23.40 -0.51 0.00
EAST_RIVER___1 323558	22.13 0.91 0.00	21.87 0.84 0.00	22.79 0.82 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.84 1.10 0.00	25.51 1.53 0.00	27.03 1.77 0.00	22.21 1.37 -0.37	23.86 1.12 0.00	27.41 1.27 0.00	24.96 1.23 0.00	25.11 1.21 0.00	21.95 1.02 0.00	21.09 1.00 -0.22	23.25 1.01 0.00	34.08 1.41 0.00	27.71 1.33 0.00	28.78 1.55 0.00	30.43 1.84 0.00	32.54 1.94 0.00	30.33 1.58 0.00	24.57 1.25 0.00	24.82 0.90 0.00
EAST_RIVER___2 323559	22.12 0.91 0.00	21.86 0.83 0.00	22.78 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.83 1.09 0.00	25.52 1.53 0.00	27.03 1.77 0.00	22.22 1.38 -0.37	23.88 1.14 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.23 0.00	21.97 1.04 0.00	21.12 1.03 -0.22	23.28 1.04 0.00	34.09 1.42 0.00	27.72 1.34 0.00	28.79 1.56 0.00	30.43 1.84 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.57 1.25 0.00	24.81 0.89 0.00
EAST___DELAWARE_HYD 23607	22.25 1.04 0.00	21.99 0.96 0.00	22.93 0.95 0.00	22.41 0.94 0.00	22.64 0.95 0.00	24.97 1.23 0.00	25.57 1.58 0.00	27.00 1.74 0.00	22.01 1.07 -0.45	23.55 0.81 0.00	27.01 0.87 0.00	24.45 0.72 0.00	24.54 0.64 0.00	21.46 0.54 0.00	20.38 0.56 0.05	22.87 0.63 0.00	33.60 0.93 0.00	27.36 0.98 0.00	28.45 1.22 0.00	30.10 1.50 0.00	32.21 1.62 0.00	30.01 1.25 0.00	24.28 0.96 0.00	24.59 0.68 0.00
EIGHT_POINT___WT_PWR 323820	19.54 -1.90 -0.22	20.13 -1.16 -0.26	20.52 -1.67 -0.22	20.11 -1.55 -0.20	20.76 -1.21 -0.27	22.12 -1.65 -0.03	22.49 -1.50 0.00	23.66 -1.61 0.00	19.33 -1.25 -0.11	21.54 -1.20 0.00	24.56 -1.59 0.00	22.35 -1.78 -0.40	22.54 -1.36 0.00	20.04 -0.88 0.00	19.01 -0.87 0.00	21.33 -0.91 0.00	31.36 -1.31 -0.01	25.67 -1.19 -0.48	27.31 -0.97 -1.06	27.66 -1.11 -0.18	29.28 -1.43 -0.11	27.19 -1.80 -0.23	22.95 -1.29 -0.93	23.43 -0.86 -0.37
ELBRIDGE_115KV_TB2 80188	20.86 -0.36 0.00	20.66 -0.37 0.00	21.59 -0.39 0.00	21.07 -0.39 0.00	21.32 -0.37 0.00	23.41 -0.33 0.00	23.69 -0.30 0.00	24.94 -0.33 0.00	20.24 -0.23 0.00	22.40 -0.33 0.00	25.73 -0.41 0.00	23.30 -0.43 0.00	23.50 -0.40 0.00	20.58 -0.34 0.00	-16.65 -0.33 36.20	21.92 -0.32 0.00	32.27 -0.39 0.00	26.06 -0.32 0.00	26.92 -0.30 0.00	28.36 -0.23 0.00	30.39 -0.21 0.00	28.42 -0.33 0.00	23.09 -0.22 0.00	23.86 -0.05 0.00
ELEC_TRO_TEK 24086	26.94 1.11 -4.62	22.07 1.03 0.00	22.97 0.99 0.00	22.43 0.97 0.00	22.62 0.92 0.00	24.97 1.22 0.00	25.70 1.71 0.00	27.19 1.93 0.00	22.26 1.42 -0.37	23.88 1.14 0.00	27.51 1.37 0.00	25.04 1.31 0.00	25.23 1.33 0.00	22.05 1.12 0.00	21.22 1.13 -0.22	23.41 1.17 0.00	34.36 1.70 0.00	28.75 1.59 -0.78	46.78 1.87 -17.68	32.37 2.21 -1.56	48.16 2.35 -15.22	38.10 1.92 -7.43	30.10 1.54 -5.24	30.28 1.21 -5.15
ELLENBURG_WT_PWR 323604	21.41 0.19 0.00	21.18 0.15 0.00	22.17 0.19 0.00	21.81 0.35 0.00	22.10 0.41 0.00	24.18 0.44 0.00	24.24 0.25 0.00	24.66 -0.61 0.00	19.55 -0.92 0.00	22.41 -0.32 0.00	26.70 0.55 0.00	24.18 0.45 0.00	24.34 0.44 0.00	21.37 0.45 0.00	20.36 0.49 0.00	22.49 0.25 0.00	32.43 -0.24 0.00	25.90 -0.48 0.00	23.04 -1.08 3.11	22.53 -1.36 4.70	26.37 -1.45 2.77	27.48 -1.03 0.24	22.45 -0.87 0.00	23.20 -0.71 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	19.68 -1.54 0.00	19.43 -1.61 0.00	20.30 -1.68 0.00	19.75 -1.71 0.00	20.13 -1.57 0.00	22.18 -1.56 0.00	22.08 -1.91 0.00	22.88 -2.39 0.00	18.75 -1.73 0.00	20.98 -1.75 0.00	24.20 -1.95 0.00	21.98 -1.75 0.00	22.10 -1.80 0.00	19.40 -1.52 0.00	53.93 -1.78 -35.84	20.67 -1.57 0.00	30.50 -2.16 0.00	24.30 -2.08 0.00	24.96 -2.27 0.00	26.23 -2.36 0.00	28.43 -2.16 0.00	26.76 -2.00 0.00	21.95 -1.36 0.00	23.08 -0.84 0.00
EMPIRE_CC_1 323656	21.59 0.38 0.00	21.49 0.45 0.00	22.44 0.45 0.00	21.92 0.46 0.00	22.13 0.44 0.00	24.10 0.36 0.00	24.63 0.64 0.00	26.12 0.86 0.00	22.34 0.73 -1.14	23.25 0.52 0.00	26.60 0.45 0.00	24.21 0.47 0.00	24.35 0.46 0.00	21.25 0.32 0.00	20.25 0.34 -0.03	22.61 0.37 0.00	33.18 0.51 0.00	26.96 0.58 0.00	27.96 0.73 0.00	29.41 0.81 0.00	31.41 0.82 0.00	29.48 0.73 0.00	23.82 0.51 0.00	24.20 0.28 0.00
EMPIRE_CC_2 323658	21.59 0.38 0.00	21.49 0.45 0.00	22.44 0.45 0.00	21.92 0.46 0.00	22.13 0.44 0.00	24.10 0.36 0.00	24.63 0.64 0.00	26.12 0.86 0.00	22.34 0.73 -1.14	23.25 0.52 0.00	26.60 0.45 0.00	24.21 0.47 0.00	24.35 0.46 0.00	21.25 0.32 0.00	20.25 0.34 -0.03	22.61 0.37 0.00	33.18 0.51 0.00	26.96 0.58 0.00	27.96 0.73 0.00	29.41 0.81 0.00	31.41 0.82 0.00	29.48 0.73 0.00	23.82 0.51 0.00	24.20 0.28 0.00
ENORWICH_115KV_TB1 80156	22.11 0.90 0.00	21.66 0.62 0.00	23.07 1.09 0.00	22.37 0.90 0.00	22.62 0.92 0.00	25.24 1.49 0.00	25.42 1.44 0.00	26.77 1.50 0.00	21.72 0.97 -0.27	23.70 0.96 0.00	27.41 1.27 0.00	24.84 1.10 0.00	25.15 1.25 0.00	22.07 1.14 0.00	20.83 0.96 0.00	23.27 1.03 0.00	34.24 1.58 0.00	27.76 1.38 0.00	28.55 1.32 0.00	29.96 1.37 0.00	32.24 1.65 0.00	29.80 1.05 0.00	24.03 0.71 0.00	24.68 0.77 0.00
ERIE_ST__34_KV_TB1-2 80199	20.12 -1.09 0.00	19.88 -1.15 0.00	20.75 -1.22 0.00	20.20 -1.27 0.00	20.57 -1.12 0.00	22.67 -1.07 0.00	22.65 -1.33 0.00	23.54 -1.73 0.00	19.29 -1.19 0.00	21.58 -1.15 0.00	24.90 -1.24 0.00	22.60 -1.13 0.00	22.73 -1.17 0.00	19.92 -1.00 0.00	53.76 -1.26 -35.14	21.25 -0.99 0.00	31.40 -1.27 0.00	25.05 -1.34 0.00	25.83 -1.40 0.00	27.52 -1.08 0.00	29.32 -1.28 0.00	27.50 -1.25 0.00	22.53 -0.78 0.00	23.58 -0.33 0.00
ERIE_WT_PWR 323693	19.78 -1.44 0.00	19.52 -1.50 0.00	20.41 -1.57 0.00	19.86 -1.61 0.00	20.23 -1.46 0.00	22.32 -1.42 0.00	22.23 -1.75 0.00	23.05 -2.21 0.00	18.88 -1.60 0.00	21.13 -1.60 0.00	24.38 -1.76 0.00	21.19 -1.62 0.92	22.26 -1.64 0.00	19.54 -1.38 0.00	53.78 -1.67 -35.58	20.85 -1.39 0.00	30.73 -1.90 0.03	23.40 -1.86 1.13	22.73 -2.01 2.48	26.01 -2.17 0.42	28.40 -1.93 0.27	26.42 -1.79 0.54	19.92 -1.23 2.17	22.36 -0.69 0.86
ESPRGFLD_115KV_TB1 80157	22.00 0.78 0.00	21.66 0.63 0.00	22.65 0.68 0.00	22.15 0.69 0.00	22.39 0.69 0.00	24.73 0.98 0.00	24.88 0.89 0.00	26.16 0.89 0.00	23.89 0.62 -2.79	23.48 0.75 0.00	27.08 0.94 0.00	24.47 0.74 0.00	24.80 0.90 0.00	21.70 0.78 0.00	20.53 0.66 0.00	23.05 0.81 0.00	33.79 1.12 0.00	27.30 0.92 0.00	28.16 0.93 0.00	29.57 0.97 0.00	31.68 1.08 0.00	29.64 0.89 0.00	24.02 0.70 0.00	24.78 0.87 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	21.24 0.02 0.00	21.02 -0.02 0.00	21.99 0.02 0.00	21.46 -0.01 0.00	21.72 0.03 0.00	23.94 0.20 0.00	24.28 0.29 0.00	25.48 0.22 0.00	20.76 0.15 -0.13	22.80 0.06 0.00	26.14 0.00 0.00	23.61 -0.12 0.00	23.86 -0.03 0.00	20.89 -0.04 0.00	19.78 -0.09 0.00	22.23 -0.01 0.00	32.76 0.10 0.00	26.51 0.13 0.00	27.42 0.19 0.00	28.92 0.33 0.00	30.99 0.39 0.00	28.92 0.17 0.00	23.44 0.13 0.00	24.13 0.21 0.00
ETNA____115KV_TB2 80207	21.24 0.02 0.00	21.02 -0.02 0.00	21.99 0.02 0.00	21.46 -0.01 0.00	21.72 0.03 0.00	23.94 0.20 0.00	24.28 0.29 0.00	25.48 0.22 0.00	20.76 0.15 -0.13	22.80 0.06 0.00	26.14 0.00 0.00	23.61 -0.12 0.00	23.86 -0.03 0.00	20.89 -0.04 0.00	19.78 -0.09 0.00	22.23 -0.01 0.00	32.76 0.10 0.00	26.51 0.13 0.00	27.42 0.19 0.00	28.92 0.33 0.00	30.99 0.39 0.00	28.92 0.17 0.00	23.44 0.13 0.00	24.13 0.21 0.00
EUCLID____115KV_TB2 356179	20.71 -0.51 0.00	20.51 -0.53 0.00	21.43 -0.54 0.00	20.93 -0.54 0.00	21.19 -0.50 0.00	23.25 -0.50 0.00	23.46 -0.52 0.00	24.73 -0.54 0.00	20.07 -0.40 0.00	22.25 -0.49 0.00	25.56 -0.58 0.00	23.16 -0.57 0.00	23.32 -0.57 0.00	20.47 -0.45 0.00	19.40 -0.48 0.00	21.76 -0.48 0.00	31.97 -0.70 0.00	25.82 -0.56 0.00	25.83 -0.55 0.85	26.80 -0.51 1.28	29.33 -0.51 0.75	28.13 -0.55 0.07	22.89 -0.42 0.00	23.67 -0.24 0.00
E_CANADA_CAP_HY 24051	22.19 0.97 0.00	21.87 0.84 0.00	22.85 0.87 0.00	22.35 0.88 0.00	22.63 0.93 0.00	24.92 1.18 0.00	25.03 1.04 0.00	26.31 1.05 0.00	24.81 0.75 -3.58	23.69 0.95 0.00	27.27 1.12 0.00	24.56 0.83 0.00	24.90 1.00 0.00	21.76 0.83 0.00	20.60 0.73 0.00	23.19 0.95 0.00	34.02 1.36 0.00	27.53 1.15 0.00	28.38 1.15 0.00	29.81 1.21 0.00	31.90 1.31 0.00	29.89 1.14 0.00	24.26 0.94 0.00	25.10 1.19 0.00
E_CANADA_MHWK_HY 24050	21.11 -0.10 0.00	20.98 -0.05 0.00	21.96 -0.02 0.00	21.47 0.01 0.00	21.67 -0.02 0.00	23.73 -0.01 0.00	24.41 0.42 0.00	25.88 0.62 0.00	20.97 0.49 0.00	22.85 0.11 0.00	26.04 -0.11 0.00	23.58 -0.15 0.00	23.88 -0.02 0.00	20.75 -0.18 0.00	19.82 -0.06 0.00	22.20 -0.03 0.00	32.60 -0.07 0.00	26.47 0.09 0.00	29.72 0.30 -2.19	32.43 0.52 -3.32	33.05 0.51 -1.95	29.30 0.37 -0.17	23.42 0.11 0.00	23.67 -0.24 0.00
E_FISHKILL__LBMP 23776	21.85 0.64 0.00	21.63 0.59 0.00	22.55 0.57 0.00	22.03 0.56 0.00	22.24 0.54 0.00	24.47 0.73 0.00	25.09 1.10 0.00	26.58 1.31 0.00	21.89 1.03 -0.38	23.54 0.81 0.00	27.01 0.86 0.00	24.58 0.84 0.00	24.74 0.84 0.00	21.60 0.68 0.00	20.59 0.66 -0.06	22.92 0.68 0.00	33.64 0.97 0.00	27.36 0.98 0.00	28.42 1.19 0.00	30.02 1.43 0.00	32.13 1.53 0.00	29.97 1.22 0.00	24.24 0.93 0.00	24.54 0.63 0.00
FALCON__SEABRD_CC1 323796	21.64 0.42 0.00	21.40 0.37 0.00	22.39 0.41 0.00	22.01 0.54 0.00	22.26 0.56 0.00	24.33 0.59 0.00	24.41 0.42 0.00	24.66 -0.60 0.00	19.63 -0.85 0.00	22.49 -0.25 0.00	26.94 0.80 0.00	24.49 0.75 0.00	24.62 0.72 0.00	21.60 0.67 0.00	20.59 0.72 0.00	22.75 0.51 0.00	32.87 0.20 0.00	26.24 -0.14 0.00	23.39 -0.69 3.15	22.86 -0.96 4.77	26.68 -1.10 2.81	27.73 -0.78 0.24	22.64 -0.67 0.00	23.38 -0.53 0.00
FALCON__SEABRD_CC2 323797	21.64 0.42 0.00	21.40 0.37 0.00	22.39 0.41 0.00	22.01 0.54 0.00	22.26 0.56 0.00	24.33 0.59 0.00	24.41 0.42 0.00	24.66 -0.60 0.00	19.63 -0.85 0.00	22.49 -0.25 0.00	26.94 0.80 0.00	24.49 0.75 0.00	24.62 0.72 0.00	21.60 0.67 0.00	20.59 0.72 0.00	22.75 0.51 0.00	32.87 0.20 0.00	26.24 -0.14 0.00	23.39 -0.69 3.15	22.86 -0.96 4.77	26.68 -1.10 2.81	27.73 -0.78 0.24	22.64 -0.67 0.00	23.38 -0.53 0.00

FAR ROCKAWAY___4 23548	32.57 1.33 -10.02	22.31 1.28 0.00	23.22 1.23 0.00	22.66 1.19 0.00	22.85 1.16 0.00	25.23 1.49 0.00	25.98 1.99 0.00	27.48 2.22 0.00	22.48 1.63 -0.37	24.12 1.39 0.00	27.80 1.65 0.00	25.28 1.55 0.00	25.47 1.57 0.00	22.26 1.34 0.00	21.43 1.34 -0.22	23.63 1.39 0.00	34.73 2.06 0.00	29.97 1.91 -1.69	69.24 2.21 -39.81	34.29 2.58 -3.12	67.61 2.74 -34.28	47.74 2.28 -16.71	36.50 1.81 -11.38	36.57 1.47 -11.18
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.15 0.93 0.00	21.89 0.86 0.00	22.81 0.84 0.00	22.29 0.82 0.00	22.51 0.82 0.00	24.86 1.12 0.00	25.53 1.54 0.00	27.05 1.78 0.00	22.22 1.38 -0.37	23.87 1.14 0.00	27.44 1.29 0.00	24.96 1.23 0.00	25.13 1.23 0.00	21.96 1.03 0.00	21.10 1.01 -0.21	23.26 1.02 0.00	34.10 1.44 0.00	27.73 1.35 0.00	28.80 1.57 0.00	30.45 1.86 0.00	32.56 1.97 0.00	30.36 1.61 0.00	24.58 1.27 0.00	24.83 0.92 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.16 0.95 0.00	21.90 0.88 0.00	22.83 0.85 0.00	22.30 0.83 0.00	22.52 0.83 0.00	24.87 1.13 0.00	25.55 1.56 0.00	27.06 1.79 0.00	22.24 1.39 -0.37	23.89 1.15 0.00	27.44 1.30 0.00	24.98 1.24 0.00	25.14 1.24 0.00	21.97 1.04 0.00	21.11 1.02 -0.21	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.46 1.87 0.00	32.59 2.00 0.00	30.38 1.63 0.00	24.60 1.29 0.00	24.85 0.94 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.14 0.92 0.00	21.88 0.85 0.00	22.80 0.83 0.00	22.28 0.81 0.00	22.50 0.81 0.00	24.85 1.11 0.00	25.53 1.54 0.00	27.03 1.77 0.00	22.21 1.37 -0.37	23.86 1.13 0.00	27.42 1.28 0.00	24.95 1.23 0.00	25.11 1.21 0.00	21.95 1.02 0.00	21.09 1.00 -0.21	23.25 1.01 0.00	34.08 1.42 0.00	27.71 1.33 0.00	28.78 1.55 0.00	30.43 1.84 0.00	32.56 1.96 0.00	30.35 1.60 0.00	24.57 1.26 0.00	24.82 0.91 0.00
FARRAGUT___LBMP 323566	22.13 0.91 0.00	21.87 0.84 0.00	22.79 0.81 0.00	22.26 0.80 0.00	22.49 0.80 0.00	24.84 1.10 0.00	25.50 1.51 0.00	27.01 1.75 0.00	22.20 1.35 -0.37	23.84 1.11 0.00	27.39 1.25 0.00	24.93 1.20 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.07 0.98 -0.21	23.23 0.99 0.00	34.06 1.39 0.00	27.69 1.31 0.00	28.76 1.54 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.56 1.24 0.00	24.81 0.90 0.00
FENNER___WINDPWR 24204	21.26 0.05 0.00	21.09 0.06 0.00	22.08 0.10 0.00	21.54 0.08 0.00	21.82 0.12 0.00	23.96 0.22 0.00	24.36 0.37 0.00	25.98 0.71 0.00	21.02 0.54 0.00	23.18 0.44 0.00	26.60 0.45 0.00	24.03 0.30 0.00	24.17 0.27 0.00	21.15 0.23 0.00	20.07 0.20 0.00	22.51 0.27 0.00	33.25 0.58 0.00	26.96 0.58 0.00	31.13 0.64 -3.26	34.19 0.67 -4.93	34.35 0.85 -2.90	29.70 0.70 -0.25	23.73 0.42 0.00	24.34 0.42 0.00
FIBERTEK___ENERGY 23856	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00
FITZPATRICK___ 23598	20.56 -0.66 0.00	20.37 -0.66 0.00	21.30 -0.68 0.00	20.79 -0.67 0.00	21.04 -0.65 0.00	23.05 -0.69 0.00	23.27 -0.72 0.00	24.50 -0.76 0.00	19.88 -0.59 0.00	22.04 -0.70 0.00	25.32 -0.83 0.00	22.96 -0.77 0.00	23.12 -0.78 0.00	20.29 -0.63 0.00	19.25 -0.62 0.00	21.58 -0.66 0.00	31.68 -0.98 0.00	25.58 -0.80 0.00	26.41 -0.81 0.00	27.79 -0.81 0.00	29.77 -0.83 0.00	27.91 -0.84 0.00	22.67 -0.64 0.00	23.47 -0.45 0.00
FLOWRFLD_69_KV_BK1 356044	23.17 1.27 -0.68	22.24 1.22 0.00	23.12 1.14 0.00	22.56 1.10 0.00	22.74 1.04 0.00	25.11 1.36 0.00	26.68 2.00 -0.69	27.43 2.16 0.00	22.38 1.54 -0.37	23.63 1.17 0.28	26.98 1.48 0.64	24.95 1.42 0.20	24.80 1.40 0.49	21.76 1.19 0.35	21.32 1.28 -0.16	23.55 1.34 0.03	34.14 1.90 0.43	28.18 1.80 0.00	31.96 2.17 -2.56	31.72 2.64 -0.49	35.55 2.74 -2.21	31.99 2.16 -1.08	25.87 1.78 -0.78	26.14 1.46 -0.76
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.10 0.89 0.00	21.86 0.83 0.00	22.80 0.82 0.00	22.28 0.81 0.00	22.49 0.79 0.00	24.77 1.03 0.00	25.40 1.42 0.00	26.91 1.64 0.00	22.16 1.30 -0.39	23.84 1.10 0.00	27.32 1.18 0.00	24.81 1.08 0.00	24.99 1.09 0.00	21.84 0.92 0.00	20.75 0.88 0.00	23.17 0.93 0.00	34.04 1.38 0.00	27.70 1.32 0.00	28.78 1.56 0.00	30.43 1.83 0.00	32.55 1.95 0.00	30.34 1.59 0.00	24.53 1.22 0.00	24.83 0.92 0.00
FORT ORANGE___ 23900	22.00 0.78 0.00	21.86 0.83 0.00	22.83 0.85 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.64 0.90 0.00	25.21 1.22 0.00	26.73 1.46 0.00	24.11 1.20 -2.44	23.79 1.05 0.00	27.15 1.00 0.00	24.63 0.90 0.00	24.79 0.89 0.00	21.64 0.71 0.00	20.61 0.74 0.00	23.08 0.84 0.00	33.95 1.28 0.00	27.58 1.20 0.00	28.62 1.39 0.00	30.15 1.56 0.00	32.23 1.63 0.00	30.19 1.44 0.00	24.36 1.05 0.00	24.75 0.83 0.00
FORT_DRUM_COGEN 23780	20.18 -1.04 0.00	19.99 -1.04 0.00	20.93 -1.04 0.00	20.50 -0.97 0.00	20.78 -0.92 0.00	22.77 -0.97 0.00	23.10 -0.88 0.00	24.49 -0.77 0.00	19.74 -0.74 0.00	21.69 -1.04 0.00	25.10 -1.04 0.00	22.69 -1.04 0.00	22.46 -1.44 0.00	19.44 -1.48 0.00	18.58 -1.30 0.00	20.89 -1.34 0.00	30.69 -1.98 0.00	24.73 -1.65 0.00	6.97 -1.82 18.43	-1.07 -1.76 27.91	12.38 -1.79 16.42	25.48 -1.84 1.43	21.79 -1.53 0.00	22.70 -1.22 0.00
FOX_HILLS___ESR 323835	22.16 0.94 0.00	21.90 0.87 0.00	22.82 0.84 0.00	22.28 0.81 0.00	22.51 0.82 0.00	24.86 1.12 0.00	25.53 1.54 0.00	27.04 1.77 0.00	22.23 1.38 -0.37	23.87 1.14 0.00	27.39 1.24 0.00	24.77 1.18 0.15	25.01 1.17 0.07	21.91 0.98 0.00	21.08 0.99 -0.22	23.23 0.99 0.00	34.05 1.38 0.00	27.72 1.34 0.00	28.80 1.58 0.00	30.48 1.89 0.00	32.60 2.01 0.00	30.44 1.68 0.00	24.67 1.35 0.00	24.92 1.00 0.00
FPL_FAR_ROCK_GT1 24212	32.57 1.33 -10.02	22.31 1.28 0.00	23.21 1.23 0.00	22.66 1.19 0.00	22.85 1.16 0.00	25.23 1.49 0.00	25.98 2.00 0.00	27.49 2.22 0.00	22.48 1.64 -0.37	24.13 1.39 0.00	27.80 1.65 0.00	25.28 1.55 0.00	25.46 1.57 0.00	22.26 1.34 0.00	21.43 1.34 -0.22	23.63 1.39 0.00	34.73 2.06 0.00	29.96 1.89 -1.69	69.23 2.20 -39.81	34.30 2.59 -3.12	67.61 2.74 -34.28	47.74 2.27 -16.71	36.48 1.79 -11.38	36.55 1.46 -11.18
FPL_FAR_ROCK_GT2 23815	32.57 1.33 -10.02	22.31 1.28 0.00	23.21 1.23 0.00	22.66 1.19 0.00	22.85 1.16 0.00	25.23 1.49 0.00	25.98 2.00 0.00	27.49 2.22 0.00	22.48 1.64 -0.37	24.13 1.39 0.00	27.80 1.65 0.00	25.28 1.55 0.00	25.46 1.57 0.00	22.26 1.34 0.00	21.43 1.34 -0.22	23.63 1.39 0.00	34.73 2.06 0.00	29.96 1.89 -1.69	69.23 2.20 -39.81	34.30 2.59 -3.12	67.61 2.74 -34.28	47.74 2.27 -16.71	36.48 1.79 -11.38	36.55 1.46 -11.18

FRANKLIN_FALL_HYD 24054	21.45 0.24 0.00	21.25 0.22 0.00	22.26 0.28 0.00	21.87 0.40 0.00	22.15 0.46 0.00	24.24 0.49 0.00	24.31 0.32 0.00	24.95 -0.31 0.00	19.88 -0.60 0.00	22.65 -0.09 0.00	26.71 0.57 0.00	24.14 0.41 0.00	24.27 0.37 0.00	21.30 0.37 0.00	20.26 0.39 0.00	22.48 0.24 0.00	32.60 -0.07 0.00	26.05 -0.33 0.00	21.26 -0.81 5.16	19.78 -1.02 7.80	24.94 -1.06 4.59	27.61 -0.74 0.40	22.63 -0.68 0.00	23.37 -0.54 0.00
FREEPORT_EQUS_GT1 23764	26.56 1.22 -4.12	22.18 1.14 0.00	23.07 1.10 0.00	22.52 1.06 0.00	22.71 1.02 0.00	25.08 1.34 0.00	25.83 1.85 0.00	27.32 2.05 0.00	22.35 1.50 -0.37	23.95 1.21 0.00	27.61 1.47 0.00	25.12 1.39 0.00	25.30 1.40 0.00	22.11 1.19 0.00	21.31 1.21 -0.22	23.50 1.26 0.00	34.51 1.84 0.00	28.79 1.72 -0.69	44.17 2.04 -14.91	32.39 2.44 -1.36	46.01 2.58 -12.83	37.16 2.12 -6.29	29.67 1.68 -4.68	29.86 1.34 -4.60
FREEPORT___CT2 23818	26.56 1.22 -4.12	22.18 1.14 0.00	23.07 1.10 0.00	22.52 1.06 0.00	22.71 1.02 0.00	25.08 1.34 0.00	25.83 1.85 0.00	27.32 2.05 0.00	22.35 1.50 -0.37	23.95 1.21 0.00	27.61 1.47 0.00	25.12 1.39 0.00	25.30 1.40 0.00	22.11 1.19 0.00	21.31 1.21 -0.22	23.50 1.26 0.00	34.51 1.84 0.00	28.79 1.72 -0.69	44.17 2.04 -14.91	32.39 2.44 -1.36	46.01 2.58 -12.83	37.16 2.12 -6.29	29.67 1.68 -4.68	29.86 1.34 -4.60
FRESHKLS_33_KV_LOAD 356253	22.10 0.88 0.00	21.85 0.81 0.00	22.76 0.78 0.00	22.23 0.76 0.00	22.46 0.76 0.00	24.80 1.06 0.00	25.47 1.48 0.00	26.95 1.68 0.00	22.15 1.30 -0.37	23.76 1.02 0.00	27.22 1.08 0.00	24.55 1.03 0.21	24.81 1.01 0.10	21.77 0.85 0.00	20.96 0.87 -0.22	23.09 0.85 0.00	33.84 1.17 0.00	27.58 1.20 0.00	28.67 1.45 0.00	30.37 1.77 0.00	32.47 1.87 0.00	30.35 1.59 0.00	24.63 1.31 0.00	24.88 0.97 0.00
FULTON COGEN____ 23766	20.69 -0.53 0.00	20.49 -0.54 0.00	21.42 -0.56 0.00	20.92 -0.55 0.00	21.18 -0.52 0.00	23.23 -0.51 0.00	23.48 -0.51 0.00	24.74 -0.52 0.00	20.08 -0.40 0.00	22.23 -0.51 0.00	25.52 -0.63 0.00	23.08 -0.65 0.00	23.24 -0.66 0.00	20.40 -0.52 0.00	19.32 -0.55 0.00	21.69 -0.54 0.00	31.81 -0.85 0.00	25.78 -0.60 0.00	25.09 -0.58 1.57	25.69 -0.54 2.37	28.65 -0.55 1.40	28.05 -0.58 0.12	22.85 -0.46 0.00	23.64 -0.27 0.00
FULTON___LFGE 323630	23.22 2.00 0.00	22.92 1.89 0.00	23.90 1.92 0.00	23.37 1.91 0.00	23.72 2.02 0.00	26.21 2.47 0.00	26.61 2.63 0.00	28.03 2.76 0.00	26.44 2.05 -3.91	24.96 2.22 0.00	28.44 2.29 0.00	25.40 1.67 0.00	25.64 1.74 0.00	22.20 1.28 0.00	21.13 1.25 0.00	24.09 1.85 0.00	35.33 2.66 0.00	29.06 2.68 0.00	30.17 2.94 0.00	31.80 3.21 0.00	33.99 3.39 0.00	31.76 3.01 0.00	25.61 2.30 0.00	26.31 2.39 0.00
G.F.CEMENT___DRP 24184	22.12 0.91 0.00	22.04 1.01 0.00	23.01 1.03 0.00	22.50 1.03 0.00	22.77 1.07 0.00	25.06 1.32 0.00	25.70 1.72 0.00	27.22 1.96 0.00	26.16 1.53 -4.16	24.06 1.33 0.00	27.39 1.24 0.00	24.84 1.10 0.00	24.96 1.07 0.00	21.80 0.88 0.00	20.70 0.83 0.00	23.11 0.87 0.00	34.10 1.43 0.00	27.86 1.48 0.00	28.93 1.70 0.00	30.41 1.82 0.00	32.46 1.86 0.00	30.30 1.55 0.00	24.33 1.02 0.00	24.72 0.80 0.00
GARDENVILLE___LBMP 24039	19.71 -1.51 0.00	19.46 -1.58 0.00	20.33 -1.64 0.00	19.79 -1.68 0.00	20.16 -1.53 0.00	22.24 -1.50 0.00	22.15 -1.84 0.00	22.95 -2.31 0.00	18.81 -1.67 0.00	21.05 -1.69 0.00	24.29 -1.86 0.00	22.04 -1.69 0.00	22.18 -1.72 0.00	19.46 -1.46 0.00	53.83 -1.72 -35.68	20.75 -1.49 0.00	30.61 -2.05 0.00	24.41 -1.97 0.00	25.07 -2.15 0.00	26.34 -2.25 0.00	28.55 -2.04 0.00	26.85 -1.90 0.00	22.02 -1.29 0.00	23.14 -0.78 0.00
GARDNVLA_35_KV_LD 355827	19.80 -1.42 0.00	19.54 -1.49 0.00	20.42 -1.56 0.00	19.87 -1.60 0.00	20.25 -1.45 0.00	22.33 -1.41 0.00	22.25 -1.74 0.00	23.06 -2.20 0.00	18.91 -1.57 0.00	21.16 -1.57 0.00	24.42 -1.72 0.00	22.16 -1.57 0.00	22.30 -1.59 0.00	19.58 -1.34 0.00	53.80 -1.61 -35.53	20.87 -1.37 0.00	30.80 -1.87 0.00	24.54 -1.84 0.00	25.21 -2.02 0.00	26.46 -2.13 0.00	28.70 -1.89 0.00	27.00 -1.75 0.00	22.13 -1.18 0.00	23.24 -0.68 0.00
GELCKHM___115KV_LOAD 80723	20.81 -0.41 0.00	20.61 -0.43 0.00	21.54 -0.43 0.00	21.03 -0.44 0.00	21.29 -0.41 0.00	23.36 -0.38 0.00	23.61 -0.38 0.00	24.87 -0.39 0.00	20.19 -0.29 0.00	22.37 -0.37 0.00	25.69 -0.46 0.00	23.27 -0.46 0.00	23.45 -0.45 0.00	20.56 -0.36 0.00	19.50 -0.38 0.00	21.87 -0.37 0.00	32.16 -0.50 0.00	25.97 -0.41 0.00	25.96 -0.40 0.87	26.93 -0.35 1.31	29.49 -0.33 0.77	28.29 -0.40 0.07	23.01 -0.30 0.00	23.79 -0.13 0.00
GENERAL___MILLS 23808	19.77 -1.45 0.00	19.52 -1.51 0.00	20.39 -1.59 0.00	19.85 -1.62 0.00	20.22 -1.47 0.00	22.31 -1.44 0.00	22.22 -1.77 0.00	23.03 -2.24 0.00	18.87 -1.60 0.00	21.12 -1.61 0.00	24.38 -1.77 0.00	22.12 -1.61 0.00	22.26 -1.64 0.00	19.54 -1.38 0.00	53.80 -1.65 -35.58	20.83 -1.41 0.00	30.74 -1.93 0.00	24.50 -1.88 0.00	25.17 -2.06 0.00	26.42 -2.17 0.00	28.65 -1.94 0.00	26.95 -1.80 0.00	22.09 -1.22 0.00	23.20 -0.71 0.00
GE_PLASTICS___DRP 24183	21.72 0.51 0.00	21.57 0.54 0.00	22.52 0.55 0.00	22.01 0.55 0.00	22.23 0.54 0.00	24.31 0.57 0.00	24.85 0.86 0.00	26.32 1.05 0.00	23.30 0.86 -1.96	23.46 0.72 0.00	26.84 0.69 0.00	24.37 0.64 0.00	24.55 0.65 0.00	21.44 0.52 0.00	20.40 0.52 0.00	22.83 0.59 0.00	33.54 0.87 0.00	27.21 0.83 0.00	28.21 0.98 0.00	29.71 1.11 0.00	31.76 1.16 0.00	29.76 1.00 0.00	24.04 0.73 0.00	24.46 0.55 0.00
GILBOA___1 23756	21.58 0.37 0.00	21.39 0.36 0.00	22.33 0.35 0.00	21.82 0.36 0.00	22.01 0.32 0.00	24.10 0.36 0.00	24.57 0.59 0.00	25.95 0.68 0.00	21.25 0.55 -0.22	23.16 0.42 0.00	26.55 0.41 0.00	24.14 0.40 0.00	24.39 0.49 0.00	21.32 0.39 0.00	20.25 0.38 0.00	22.62 0.38 0.00	33.14 0.48 0.00	26.88 0.50 0.00	27.83 0.61 0.00	29.33 0.73 0.00	31.41 0.82 0.00	29.39 0.64 0.00	23.78 0.47 0.00	24.22 0.30 0.00
GILBOA___2 23757	21.58 0.37 0.00	21.39 0.36 0.00	22.33 0.35 0.00	21.82 0.36 0.00	22.01 0.32 0.00	24.10 0.36 0.00	24.57 0.59 0.00	25.95 0.68 0.00	21.25 0.55 -0.22	23.16 0.42 0.00	26.55 0.41 0.00	24.14 0.40 0.00	24.39 0.49 0.00	21.32 0.39 0.00	20.25 0.38 0.00	22.62 0.38 0.00	33.14 0.48 0.00	26.88 0.50 0.00	27.83 0.61 0.00	29.33 0.73 0.00	31.41 0.82 0.00	29.39 0.64 0.00	23.78 0.47 0.00	24.22 0.30 0.00
GILBOA___3 23758	21.58 0.37 0.00	21.39 0.36 0.00	22.33 0.35 0.00	21.82 0.36 0.00	22.01 0.32 0.00	24.10 0.36 0.00	24.57 0.59 0.00	25.95 0.68 0.00	21.25 0.55 -0.22	23.16 0.42 0.00	26.55 0.41 0.00	24.14 0.40 0.00	24.39 0.49 0.00	21.32 0.39 0.00	20.25 0.38 0.00	22.62 0.38 0.00	33.14 0.48 0.00	26.88 0.50 0.00	27.83 0.61 0.00	29.33 0.73 0.00	31.41 0.82 0.00	29.39 0.64 0.00	23.78 0.47 0.00	24.22 0.30 0.00

GILBOA___4 23759	21.58 0.37 0.00	21.39 0.36 0.00	22.33 0.35 0.00	21.82 0.36 0.00	22.01 0.32 0.00	24.10 0.36 0.00	24.57 0.59 0.00	25.95 0.68 0.00	21.25 0.55 -0.22	23.16 0.42 0.00	26.55 0.41 0.00	24.14 0.40 0.00	24.39 0.49 0.00	21.32 0.39 0.00	20.25 0.38 0.00	22.62 0.38 0.00	33.14 0.48 0.00	26.88 0.50 0.00	27.83 0.61 0.00	29.33 0.73 0.00	31.41 0.82 0.00	29.39 0.64 0.00	23.78 0.47 0.00	24.22 0.30 0.00
GILBOA____ 23599	21.58 0.36 0.00	21.39 0.36 0.00	22.33 0.35 0.00	21.82 0.36 0.00	22.01 0.32 0.00	24.10 0.36 0.00	24.57 0.59 0.00	25.95 0.68 0.00	21.25 0.55 -0.22	23.16 0.42 0.00	26.55 0.41 0.00	24.13 0.40 0.00	24.39 0.49 0.00	21.32 0.39 0.00	20.25 0.38 0.00	22.62 0.38 0.00	33.14 0.48 0.00	26.88 0.50 0.00	27.84 0.61 0.00	29.32 0.73 0.00	31.41 0.82 0.00	29.39 0.64 0.00	23.78 0.47 0.00	24.22 0.30 0.00
GINNA____ 23603	19.46 -1.75 0.00	19.26 -1.77 0.00	20.12 -1.86 0.00	19.62 -1.85 0.00	19.95 -1.75 0.00	21.93 -1.81 0.00	22.07 -1.92 0.00	23.13 -2.14 0.00	18.84 -1.64 0.00	20.93 -1.81 0.00	23.98 -2.16 0.00	21.42 -2.01 0.30	21.85 -2.05 0.00	19.19 -1.73 0.00	-2997.73 -2.11 3015.49	20.14 -2.10 0.00	29.65 -3.00 0.01	23.44 -2.54 0.40	23.69 -2.66 0.87	25.85 -2.60 0.14	27.87 -2.63 0.09	26.03 -2.54 0.18	20.56 -2.01 0.74	21.90 -1.72 0.29
GLEN PARK____ 23778	20.26 -0.95 0.00	20.08 -0.95 0.00	21.01 -0.97 0.00	20.58 -0.89 0.00	20.86 -0.83 0.00	22.88 -0.87 0.00	23.23 -0.76 0.00	24.62 -0.64 0.00	19.83 -0.64 0.00	21.75 -0.99 0.00	25.16 -0.98 0.00	22.72 -1.01 0.00	22.47 -1.43 0.00	19.41 -1.51 0.00	18.56 -1.31 0.00	20.89 -1.34 0.00	30.77 -1.90 0.00	24.84 -1.54 0.00	8.11 -1.68 17.44	0.61 -1.59 26.40	13.45 -1.60 15.54	25.72 -1.68 1.36	21.90 -1.41 0.00	22.80 -1.11 0.00
GLENDALE_27_KV_LOAD 356172	22.27 1.05 0.00	22.01 0.98 0.00	22.93 0.95 0.00	22.40 0.93 0.00	22.63 0.93 0.00	24.99 1.25 0.00	25.66 1.67 0.00	27.18 1.91 0.00	22.35 1.50 -0.37	24.02 1.29 0.00	27.59 1.44 0.00	25.11 1.38 0.00	25.28 1.38 0.00	22.08 1.16 0.00	21.22 1.13 -0.22	23.40 1.16 0.00	34.30 1.63 0.00	27.90 1.52 0.00	28.98 1.75 0.00	30.64 2.04 0.00	32.78 2.19 0.00	30.57 1.81 0.00	24.74 1.43 0.00	24.99 1.07 0.00
GLENWOOD_IC_1_G5 23712	25.60 1.28 -3.10	22.25 1.22 0.00	23.15 1.17 0.00	22.60 1.14 0.00	22.80 1.11 0.00	25.16 1.42 0.00	25.92 1.93 0.00	27.42 2.16 0.00	22.45 1.61 -0.37	24.09 1.36 0.00	27.76 1.61 0.00	25.25 1.52 0.00	25.45 1.55 0.00	22.23 1.31 0.00	21.41 1.32 -0.22	23.62 1.38 0.00	34.68 2.01 0.00	28.74 1.84 -0.52	40.63 2.13 -11.27	32.09 2.39 -1.10	42.93 2.64 -9.70	35.70 2.20 -4.75	28.59 1.76 -3.52	28.80 1.43 -3.46
GLENWOOD_IC_2_G1 23688	24.39 1.24 -1.94	22.20 1.17 0.00	23.10 1.12 0.00	22.55 1.09 0.00	22.75 1.06 0.00	25.11 1.37 0.00	25.86 1.88 0.00	27.37 2.10 0.00	22.40 1.56 -0.37	24.04 1.30 0.00	27.69 1.55 0.00	25.19 1.46 0.00	25.38 1.49 0.00	22.18 1.25 0.00	21.36 1.27 -0.22	23.56 1.32 0.00	34.58 1.91 0.00	28.48 1.77 -0.33	36.54 2.06 -7.25	31.81 2.39 -0.82	39.41 2.57 -6.24	33.92 2.12 -3.05	27.21 1.70 -2.20	27.45 1.37 -2.16
GLENWOOD_IC_3_G1 23689	24.39 1.24 -1.94	22.20 1.17 0.00	23.10 1.12 0.00	22.55 1.09 0.00	22.75 1.06 0.00	25.11 1.37 0.00	25.86 1.88 0.00	27.37 2.10 0.00	22.40 1.56 -0.37	24.04 1.30 0.00	27.69 1.55 0.00	25.19 1.46 0.00	25.38 1.49 0.00	22.18 1.25 0.00	21.36 1.27 -0.22	23.56 1.32 0.00	34.58 1.91 0.00	28.48 1.77 -0.33	36.54 2.06 -7.25	31.81 2.39 -0.82	39.41 2.57 -6.24	33.92 2.12 -3.05	27.21 1.70 -2.20	27.45 1.37 -2.16
GLENWOOD___4 23550	25.60 1.28 -3.10	22.25 1.22 0.00	23.15 1.17 0.00	22.60 1.14 0.00	22.80 1.11 0.00	25.16 1.42 0.00	25.92 1.93 0.00	27.42 2.16 0.00	22.45 1.61 -0.37	24.09 1.36 0.00	27.76 1.61 0.00	25.25 1.52 0.00	25.45 1.55 0.00	22.23 1.31 0.00	21.41 1.32 -0.22	23.62 1.38 0.00	34.68 2.01 0.00	28.74 1.84 -0.52	40.63 2.14 -11.27	32.13 2.43 -1.10	42.94 2.65 -9.70	35.70 2.20 -4.75	28.59 1.76 -3.52	28.80 1.43 -3.46
GLENWOOD___5 23614	25.60 1.28 -3.10	22.25 1.22 0.00	23.15 1.17 0.00	22.60 1.14 0.00	22.80 1.11 0.00	25.16 1.42 0.00	25.92 1.93 0.00	27.42 2.16 0.00	22.45 1.61 -0.37	24.09 1.36 0.00	27.76 1.61 0.00	25.25 1.52 0.00	25.45 1.55 0.00	22.23 1.31 0.00	21.41 1.32 -0.22	23.62 1.38 0.00	34.68 2.01 0.00	28.74 1.84 -0.52	40.63 2.14 -11.27	32.13 2.43 -1.10	42.94 2.65 -9.70	35.70 2.20 -4.75	28.59 1.76 -3.52	28.80 1.43 -3.46
GLOBAL GREEN_PORT_GT1 23814	23.31 1.44 -0.66	22.45 1.42 0.00	23.30 1.33 0.00	22.74 1.28 0.00	22.93 1.24 0.00	25.35 1.61 0.00	48.26 2.41 -21.87	27.18 1.92 0.00	22.59 1.74 -0.37	15.38 1.29 8.65	7.69 1.63 20.08	19.00 1.62 6.35	10.03 1.66 15.53	11.09 1.32 11.15	19.69 1.36 1.54	22.73 1.37 0.88	21.25 2.01 13.43	24.78 1.95 3.55	32.13 2.42 -2.48	32.14 3.06 -0.48	35.88 3.16 -2.13	32.19 2.39 -1.04	26.04 1.98 -0.75	26.39 1.74 -0.73
GLOBE___DSASP 323697	19.23 -1.99 0.00	19.00 -2.04 0.00	19.83 -2.15 0.00	19.29 -2.18 0.00	19.67 -2.02 0.00	21.63 -2.12 0.00	21.39 -2.60 0.00	22.05 -3.21 0.00	18.05 -2.43 0.00	20.21 -2.53 0.00	23.27 -2.88 0.00	21.25 -2.48 0.00	21.27 -2.63 0.00	18.69 -2.23 0.00	54.26 -2.51 -36.89	19.88 -2.36 0.00	29.30 -3.37 0.00	23.39 -2.98 0.00	24.02 -3.20 0.00	25.18 -3.41 0.00	27.29 -3.30 0.00	25.74 -3.01 0.00	21.33 -1.98 0.00	22.54 -1.38 0.00
GOETHSLN___LBMP 323567	22.03 0.82 0.00	21.77 0.74 0.00	22.68 0.70 0.00	22.16 0.70 0.00	22.38 0.69 0.00	24.72 0.98 0.00	25.39 1.40 0.00	26.88 1.62 0.00	22.08 1.23 -0.37	23.70 0.96 0.00	27.22 1.08 0.00	24.56 1.04 0.21	24.83 1.03 0.10	21.80 0.87 0.00	20.95 0.86 -0.21	23.09 0.85 0.00	33.84 1.18 0.00	27.53 1.15 0.00	28.61 1.38 0.00	30.26 1.66 0.00	32.36 1.77 0.00	30.18 1.43 0.00	24.44 1.13 0.00	24.70 0.78 0.00
GOLAH___69_KV_TB 1_2 80279	20.33 -0.89 0.00	20.10 -0.93 0.00	20.99 -0.99 0.00	20.45 -1.02 0.00	20.82 -0.88 0.00	22.91 -0.83 0.00	22.96 -1.03 0.00	24.00 -1.26 0.00	19.60 -0.88 0.00	21.79 -0.95 0.00	25.01 -1.13 0.00	22.63 -1.10 0.00	22.75 -1.15 0.00	20.01 -0.91 0.00	74.01 -1.10 -55.24	21.32 -0.92 0.00	31.44 -1.23 0.00	25.19 -1.19 0.00	25.91 -1.31 0.00	27.34 -1.25 0.00	29.47 -1.13 0.00	27.66 -1.10 0.00	22.55 -0.76 0.00	23.55 -0.36 0.00
GOODYEAR_LAKE_HYD 323669	21.87 0.65 0.00	21.57 0.54 0.00	22.57 0.59 0.00	22.06 0.59 0.00	22.27 0.58 0.00	24.56 0.82 0.00	24.88 0.89 0.00	26.22 0.96 0.00	22.44 0.70 -1.25	23.43 0.70 0.00	26.97 0.83 0.00	24.45 0.72 0.00	24.72 0.82 0.00	21.62 0.70 0.00	20.48 0.61 0.00	22.93 0.69 0.00	33.62 0.96 0.00	27.21 0.83 0.00	28.12 0.89 0.00	29.57 0.97 0.00	31.68 1.08 0.00	29.62 0.87 0.00	23.96 0.65 0.00	24.54 0.63 0.00

GOUDEY___115_KV_TB6_REV_LBMP_C 345031	20.92 -0.30 0.00	20.72 -0.31 0.00	21.65 -0.32 0.00	21.14 -0.33 0.00	21.39 -0.31 0.00	23.60 -0.14 0.00	23.93 -0.06 0.00	25.15 -0.11 0.00	20.54 -0.09 -0.15	22.58 -0.15 0.00	25.93 -0.22 0.00	23.40 -0.34 0.00	23.67 -0.22 0.00	20.75 -0.17 0.00	19.66 -0.22 0.00	22.09 -0.15 0.00	32.49 -0.18 0.00	26.22 -0.16 0.00	27.12 -0.11 0.00	28.64 0.04 0.00	30.67 0.08 0.00	28.61 -0.14 0.00	23.21 -0.11 0.00	23.84 -0.07 0.00
GOUDEY___7 23579	20.94 -0.28 0.00	20.73 -0.30 0.00	21.67 -0.31 0.00	21.15 -0.31 0.00	21.40 -0.29 0.00	23.61 -0.13 0.00	23.95 -0.04 0.00	25.18 -0.08 0.00	20.55 -0.07 -0.15	22.60 -0.13 0.00	25.95 -0.19 0.00	23.42 -0.32 0.00	23.69 -0.20 0.00	20.77 -0.15 0.00	19.67 -0.20 0.00	22.11 -0.13 0.00	32.52 -0.15 0.00	26.24 -0.14 0.00	27.14 -0.09 0.00	28.66 0.07 0.00	30.71 0.11 0.00	28.64 -0.12 0.00	23.23 -0.09 0.00	23.86 -0.05 0.00
GOUDEY___8 23580	20.92 -0.30 0.00	20.72 -0.31 0.00	21.65 -0.32 0.00	21.14 -0.33 0.00	21.39 -0.31 0.00	23.60 -0.14 0.00	23.93 -0.06 0.00	25.15 -0.11 0.00	20.54 -0.09 -0.15	22.58 -0.15 0.00	25.93 -0.22 0.00	23.40 -0.34 0.00	23.67 -0.22 0.00	20.75 -0.17 0.00	19.66 -0.22 0.00	22.09 -0.15 0.00	32.49 -0.18 0.00	26.22 -0.16 0.00	27.12 -0.11 0.00	28.64 0.04 0.00	30.67 0.08 0.00	28.61 -0.14 0.00	23.21 -0.11 0.00	23.84 -0.07 0.00
GOWANUS_GT1_1 24077	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_2 24078	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_3 24079	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_4 24080	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_5 24084	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_6 24111	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_7 24112	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT1_8 24113	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_1 24114	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_2 24115	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_3 24116	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_4 24117	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00

GOWANUS_GT2_5 24118	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_6 24119	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_7 24120	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT2_8 24121	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_1 24122	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_2 24123	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_3 24124	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_4 24125	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_5 24126	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_6 24127	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_7 24128	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT3_8 24129	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_1 24130	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_2 24131	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_3 24132	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00

GOWANUS_GT4_4 24133	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_5 24134	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_6 24135	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_7 24136	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GOWANUS_GT4_8 24137	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GREENBSH_115KV_TB3 55895	21.89 0.68 0.00	21.76 0.73 0.00	22.72 0.74 0.00	22.21 0.74 0.00	22.43 0.73 0.00	24.51 0.77 0.00	25.07 1.08 0.00	26.58 1.31 0.00	24.09 1.08 -2.54	23.67 0.93 0.00	27.05 0.91 0.00	24.57 0.84 0.00	24.73 0.83 0.00	21.58 0.66 0.00	20.55 0.68 0.00	23.00 0.76 0.00	33.80 1.14 0.00	27.45 1.07 0.00	28.46 1.23 0.00	29.98 1.38 0.00	32.03 1.44 0.00	30.01 1.27 0.00	24.23 0.92 0.00	24.62 0.71 0.00
GREENDGE_115KV_TB5 80291	20.49 -0.73 0.00	20.40 -0.63 0.00	21.24 -0.74 0.00	20.74 -0.72 0.00	21.10 -0.59 0.00	23.24 -0.50 0.00	23.60 -0.39 0.00	24.80 -0.46 0.00	20.23 -0.34 -0.10	22.31 -0.43 0.00	25.50 -0.65 0.00	22.98 -0.75 0.00	23.23 -0.66 0.00	20.35 -0.57 0.00	19.35 -0.53 0.00	21.81 -0.43 0.00	32.08 -0.58 0.00	25.93 -0.45 0.00	26.86 -0.37 0.00	28.23 -0.37 0.00	30.23 -0.36 0.00	28.20 -0.55 0.00	22.92 -0.39 0.00	23.68 -0.23 0.00
GREENIDGE___3 23582	20.49 -0.73 0.00	20.40 -0.63 0.00	21.24 -0.74 0.00	20.74 -0.72 0.00	21.10 -0.59 0.00	23.24 -0.50 0.00	23.60 -0.39 0.00	24.80 -0.46 0.00	20.23 -0.34 -0.10	22.31 -0.43 0.00	25.50 -0.65 0.00	22.98 -0.75 0.00	23.23 -0.66 0.00	20.35 -0.57 0.00	19.35 -0.53 0.00	21.81 -0.43 0.00	32.08 -0.58 0.00	25.93 -0.45 0.00	26.86 -0.37 0.00	28.23 -0.37 0.00	30.23 -0.36 0.00	28.20 -0.55 0.00	22.92 -0.39 0.00	23.68 -0.23 0.00
GREENIDGE___4 23583	20.70 -0.73 -0.21	20.65 -0.63 -0.25	21.45 -0.74 -0.21	20.94 -0.72 -0.19	21.37 -0.60 -0.27	23.28 -0.49 -0.03	23.60 -0.39 0.00	24.80 -0.46 0.00	20.23 -0.35 -0.10	22.31 -0.43 0.00	25.50 -0.65 0.00	23.51 -0.76 -0.54	23.23 -0.66 0.00	20.34 -0.57 0.00	19.35 -0.52 0.00	21.81 -0.43 0.00	32.11 -0.58 -0.02	26.57 -0.46 -0.65	28.28 -0.37 -1.42	28.46 -0.38 -0.24	30.39 -0.36 -0.15	28.52 -0.55 -0.31	24.17 -0.40 -1.25	24.18 -0.23 -0.49
GREENLWN_69_KV_BK 3 55738	23.08 1.09 -0.78	22.05 1.02 0.00	22.94 0.97 0.00	22.39 0.93 0.00	22.56 0.86 0.00	24.85 1.11 0.00	25.61 1.62 0.00	27.07 1.81 0.00	22.15 1.30 -0.37	23.72 0.98 0.00	27.43 1.29 0.00	25.01 1.28 0.00	25.17 1.27 0.00	22.01 1.08 0.00	21.21 1.12 -0.22	23.40 1.16 0.00	34.25 1.58 0.00	28.01 1.51 -0.13	31.88 1.78 -2.88	31.26 2.16 -0.51	35.34 2.27 -2.48	31.76 1.80 -1.21	25.72 1.53 -0.88	25.99 1.21 -0.87
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
GRISSOM___SOLAR 323813	23.22 2.00 0.00	22.92 1.89 0.00	23.90 1.92 0.00	23.37 1.91 0.00	23.72 2.02 0.00	26.21 2.47 0.00	26.61 2.63 0.00	28.03 2.76 0.00	26.44 2.05 -3.91	24.96 2.22 0.00	28.44 2.29 0.00	25.40 1.67 0.00	25.64 1.74 0.00	22.20 1.28 0.00	21.13 1.25 0.00	24.09 1.85 0.00	35.33 2.66 0.00	29.06 2.68 0.00	30.17 2.94 0.00	31.80 3.21 0.00	33.99 3.39 0.00	31.76 3.01 0.00	25.61 2.30 0.00	26.31 2.39 0.00
GROVEVILLE___HYD 323602	22.10 0.89 0.00	21.86 0.83 0.00	22.80 0.82 0.00	22.28 0.81 0.00	22.49 0.79 0.00	24.77 1.03 0.00	25.40 1.42 0.00	26.91 1.64 0.00	22.16 1.30 -0.39	23.84 1.10 0.00	27.32 1.18 0.00	24.81 1.08 0.00	24.99 1.09 0.00	21.84 0.92 0.00	20.75 0.88 0.00	23.17 0.93 0.00	34.04 1.38 0.00	27.70 1.32 0.00	28.78 1.56 0.00	30.43 1.83 0.00	32.55 1.95 0.00	30.34 1.59 0.00	24.53 1.22 0.00	24.83 0.92 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00
HAMLTNNY_34_KV_TB 80303	20.96 -0.25 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.56 -0.19 0.00	23.85 -0.14 0.00	25.10 -0.16 0.00	20.38 -0.10 0.00	22.55 -0.19 0.00	25.89 -0.26 0.00	23.43 -0.30 0.00	23.63 -0.27 0.00	20.70 -0.23 0.00	19.64 -0.23 0.00	22.06 -0.18 0.00	32.47 -0.20 0.00	26.23 -0.15 0.00	27.11 -0.12 0.00	28.56 -0.03 0.00	30.58 -0.01 0.00	28.61 -0.14 0.00	23.23 -0.08 0.00	24.00 0.08 0.00

HAMPSHIRE___PAPER_HYD 323593	20.27 -0.94 0.00	20.10 -0.93 0.00	21.05 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.74 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.85 -1.02 0.00	21.12 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.45 0.00	22.61 -1.31 0.00
HARDSCRABBLE_WT_PWR 323673	20.91 -0.30 0.00	20.77 -0.26 0.00	21.74 -0.23 0.00	21.28 -0.19 0.00	21.47 -0.23 0.00	23.49 -0.25 0.00	24.09 0.11 0.00	25.51 0.25 0.00	20.68 0.21 0.00	22.60 -0.14 0.00	25.85 -0.30 0.00	23.42 -0.31 0.00	23.85 -0.05 0.00	20.72 -0.20 0.00	19.78 -0.09 0.00	22.17 -0.07 0.00	32.48 -0.19 0.00	26.25 -0.13 0.00	29.40 -0.02 -2.19	32.06 0.15 -3.32	32.65 0.10 -1.95	28.93 0.01 -0.17	23.17 -0.15 0.00	23.49 -0.43 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.01 0.79 0.00	21.75 0.72 0.00	22.69 0.71 0.00	22.16 0.70 0.00	22.38 0.69 0.00	24.68 0.94 0.00	25.28 1.30 0.00	26.77 1.50 0.00	21.98 1.16 -0.35	23.69 0.96 0.00	27.20 1.05 0.00	24.70 0.97 0.00	24.86 0.97 0.00	21.73 0.81 0.00	20.44 0.77 0.20	23.05 0.82 0.00	33.85 1.19 0.00	27.55 1.17 0.00	28.63 1.40 0.00	30.27 1.68 0.00	32.40 1.81 0.00	30.22 1.46 0.00	24.47 1.16 0.00	24.76 0.84 0.00
HARSNRAD_115KV_TB1 81005	19.51 -1.71 0.00	19.26 -1.77 0.00	20.11 -1.87 0.00	19.56 -1.91 0.00	19.96 -1.74 0.00	21.98 -1.77 0.00	21.78 -2.20 0.00	22.58 -2.69 0.00	18.52 -1.96 0.00	20.71 -2.02 0.00	23.84 -2.30 0.00	21.65 -2.08 0.00	21.76 -2.14 0.00	19.11 -1.81 0.00	58.15 -2.08 -40.36	20.35 -1.89 0.00	30.04 -2.62 0.00	23.94 -2.44 0.00	24.57 -2.66 0.00	25.88 -2.72 0.00	28.02 -2.58 0.00	26.40 -2.36 0.00	21.68 -1.63 0.00	22.87 -1.05 0.00
HARZA MOOSE___RIVER 24016	20.88 -0.34 0.00	20.70 -0.33 0.00	21.68 -0.30 0.00	21.20 -0.27 0.00	21.44 -0.25 0.00	23.53 -0.22 0.00	23.91 -0.08 0.00	25.33 0.07 0.00	20.49 0.01 0.00	22.59 -0.14 0.00	25.99 -0.16 0.00	23.47 -0.27 0.00	23.40 -0.49 0.00	20.43 -0.49 0.00	19.47 -0.40 0.00	21.84 -0.40 0.00	32.22 -0.45 0.00	25.96 -0.42 0.00	26.75 -0.48 0.00	28.18 -0.41 0.00	30.15 -0.44 0.00	28.25 -0.50 0.00	22.89 -0.42 0.00	23.53 -0.39 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	20.78 -0.43 0.00	20.58 -0.45 0.00	21.51 -0.46 0.00	21.00 -0.47 0.00	21.26 -0.43 0.00	23.34 -0.41 0.00	23.56 -0.43 0.00	24.84 -0.42 0.00	20.16 -0.32 0.00	22.36 -0.37 0.00	25.70 -0.45 0.00	23.27 -0.46 0.00	23.44 -0.46 0.00	20.57 -0.35 0.00	19.50 -0.38 0.00	21.87 -0.37 0.00	32.14 -0.53 0.00	25.96 -0.41 0.00	26.82 -0.41 0.00	28.24 -0.36 0.00	30.26 -0.33 0.00	28.36 -0.40 0.00	23.00 -0.31 0.00	23.78 -0.13 0.00
HELLGATE_13_KV_LD 55870	22.21 0.99 0.00	21.96 0.93 0.00	22.88 0.90 0.00	22.34 0.88 0.00	22.58 0.88 0.00	24.93 1.19 0.00	25.58 1.59 0.00	27.07 1.81 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.48 1.34 0.00	25.01 1.28 0.00	25.17 1.27 0.00	22.00 1.07 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.15 1.49 0.00	27.79 1.41 0.00	28.85 1.63 0.00	30.50 1.91 0.00	32.65 2.05 0.00	30.43 1.68 0.00	24.64 1.33 0.00	24.89 0.98 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.21 0.99 0.00	21.96 0.93 0.00	22.88 0.90 0.00	22.34 0.88 0.00	22.58 0.88 0.00	24.93 1.19 0.00	25.58 1.59 0.00	27.07 1.81 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.48 1.34 0.00	25.01 1.28 0.00	25.17 1.27 0.00	22.00 1.07 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.15 1.49 0.00	27.79 1.41 0.00	28.85 1.63 0.00	30.50 1.91 0.00	32.65 2.05 0.00	30.43 1.68 0.00	24.64 1.33 0.00	24.89 0.98 0.00
HEMPSTEAD___ 23647	25.74 1.16 -3.37	22.12 1.08 0.00	23.02 1.04 0.00	22.47 1.01 0.00	22.66 0.96 0.00	25.01 1.27 0.00	25.75 1.77 0.00	27.25 1.98 0.00	22.30 1.46 -0.37	23.91 1.17 0.00	27.57 1.42 0.00	25.09 1.36 0.00	25.27 1.38 0.00	22.09 1.17 0.00	21.28 1.19 -0.22	23.46 1.22 0.00	34.45 1.78 0.00	28.61 1.66 -0.57	40.96 1.95 -11.79	32.03 2.30 -1.14	43.19 2.46 -10.14	35.75 2.02 -4.98	28.75 1.62 -3.82	28.95 1.28 -3.76
HEWLETT___69_KV_BK3 55828	32.48 1.24 -10.02	22.22 1.18 0.00	23.13 1.15 0.00	22.57 1.11 0.00	22.76 1.06 0.00	25.12 1.38 0.00	25.86 1.87 0.00	27.36 2.10 0.00	22.38 1.54 -0.37	24.02 1.28 0.00	27.68 1.53 0.00	25.17 1.44 0.00	25.36 1.46 0.00	22.17 1.25 0.00	21.33 1.24 -0.22	23.53 1.29 0.00	34.58 1.91 0.00	29.84 1.78 -1.69	69.11 2.07 -39.81	34.15 2.44 -3.12	67.45 2.58 -34.28	47.60 2.13 -16.71	36.38 1.69 -11.38	36.46 1.36 -11.18
HICKLING___1 23621	20.45 -0.77 0.00	20.35 -0.68 0.00	21.19 -0.79 0.00	20.70 -0.77 0.00	21.03 -0.67 0.00	23.24 -0.50 0.00	23.64 -0.35 0.00	24.80 -0.46 0.00	20.23 -0.37 -0.12	22.34 -0.40 0.00	25.59 -0.55 0.00	22.95 -0.78 0.00	23.34 -0.56 0.00	20.46 -0.46 0.00	19.39 -0.49 0.00	21.83 -0.41 0.00	32.13 -0.53 0.00	25.89 -0.49 0.00	26.86 -0.37 0.00	28.37 -0.22 0.00	30.34 -0.26 0.00	28.24 -0.51 0.00	22.90 -0.41 0.00	23.57 -0.34 0.00
HICKLING___2 23622	20.45 -0.77 0.00	20.35 -0.68 0.00	21.19 -0.79 0.00	20.70 -0.77 0.00	21.03 -0.67 0.00	23.24 -0.50 0.00	23.64 -0.35 0.00	24.80 -0.46 0.00	20.23 -0.37 -0.12	22.34 -0.40 0.00	25.59 -0.55 0.00	22.95 -0.78 0.00	23.34 -0.56 0.00	20.46 -0.46 0.00	19.39 -0.49 0.00	21.83 -0.41 0.00	32.13 -0.53 0.00	25.89 -0.49 0.00	26.86 -0.37 0.00	28.37 -0.22 0.00	30.34 -0.26 0.00	28.24 -0.51 0.00	22.90 -0.41 0.00	23.57 -0.34 0.00
HIGH FALLS___HY 23754	22.11 0.89 0.00	21.84 0.81 0.00	22.76 0.78 0.00	22.24 0.77 0.00	22.45 0.76 0.00	24.79 1.05 0.00	25.39 1.41 0.00	26.84 1.58 0.00	22.24 1.15 -0.61	23.68 0.94 0.00	27.19 1.04 0.00	24.59 0.86 0.00	24.68 0.78 0.00	21.60 0.68 0.00	20.53 0.66 0.00	22.98 0.73 0.00	33.75 1.08 0.00	27.47 1.09 0.00	28.58 1.36 0.00	30.26 1.66 0.00	32.40 1.81 0.00	30.17 1.42 0.00	24.42 1.11 0.00	24.71 0.79 0.00
HILLBURN___GT 23639	22.02 0.81 0.00	21.76 0.72 0.00	22.68 0.71 0.00	22.16 0.69 0.00	22.37 0.68 0.00	24.68 0.94 0.00	25.30 1.32 0.00	26.79 1.53 0.00	21.99 1.16 -0.35	23.67 0.94 0.00	27.18 1.04 0.00	24.72 0.99 0.00	24.87 0.97 0.00	21.74 0.81 0.00	20.39 0.77 0.26	23.05 0.81 0.00	33.84 1.17 0.00	27.52 1.14 0.00	28.61 1.38 0.00	30.26 1.67 0.00	32.40 1.81 0.00	30.22 1.47 0.00	24.47 1.16 0.00	24.75 0.83 0.00
HILLSIDE_115KV_TB1 80332	20.37 -0.84 0.00	20.24 -0.79 0.00	21.10 -0.88 0.00	20.61 -0.86 0.00	20.88 -0.81 0.00	23.12 -0.63 0.00	23.49 -0.50 0.00	24.66 -0.60 0.00	20.12 -0.48 -0.12	22.20 -0.54 0.00	25.45 -0.69 0.00	22.81 -0.92 0.00	23.21 -0.69 0.00	20.30 -0.62 0.00	19.25 -0.63 0.00	21.67 -0.57 0.00	31.87 -0.79 0.00	25.69 -0.69 0.00	26.61 -0.61 0.00	28.15 -0.44 0.00	30.14 -0.46 0.00	28.07 -0.69 0.00	22.78 -0.53 0.00	23.41 -0.51 0.00

HISHELDN_WT_PWR 323625	19.28 -1.94 0.00	19.02 -2.01 0.00	19.89 -2.09 0.00	19.37 -2.10 0.00	19.74 -1.95 0.00	21.79 -1.96 0.00	21.70 -2.28 0.00	22.45 -2.82 0.00	18.37 -2.10 0.00	20.53 -2.21 0.00	23.74 -2.41 0.00	20.67 -2.18 0.88	21.76 -2.14 0.00	19.11 -1.81 0.00	53.82 -2.15 -36.10	20.33 -1.91 0.00	30.04 -2.59 0.03	22.93 -2.37 1.08	22.38 -2.47 2.37	25.47 -2.72 0.40	27.74 -2.60 0.25	25.83 -2.40 0.52	19.47 -1.77 2.08	21.84 -1.26 0.82
HOLTSVILLE_IC_1 23690	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
HOLTSVILLE_IC_10 23699	23.23 1.32 -0.69	22.29 1.26 0.00	23.16 1.18 0.00	22.60 1.14 0.00	22.78 1.09 0.00	25.16 1.42 0.00	24.72 2.09 1.35	27.49 2.22 0.00	22.42 1.57 -0.37	24.46 1.19 -0.53	28.88 1.49 -1.24	25.56 1.44 -0.39	26.26 1.40 -0.96	22.80 1.19 -0.69	21.50 1.30 -0.33	23.64 1.35 -0.05	35.42 1.92 -0.83	28.54 1.81 -0.34	32.05 2.22 -2.60	31.81 2.73 -0.49	35.67 2.83 -2.24	32.05 2.21 -1.10	25.93 1.83 -0.79	26.20 1.52 -0.78
HOLTSVILLE_IC_2 23691	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
HOLTSVILLE_IC_3 23692	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
HOLTSVILLE_IC_4 23693	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
HOLTSVILLE_IC_5 23694	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
HOLTSVILLE_IC_6 23695	23.23 1.32 -0.69	22.29 1.26 0.00	23.16 1.18 0.00	22.60 1.14 0.00	22.78 1.09 0.00	25.16 1.42 0.00	24.72 2.09 1.35	27.49 2.22 0.00	22.42 1.57 -0.37	24.46 1.19 -0.53	28.88 1.49 -1.24	25.56 1.44 -0.39	26.26 1.40 -0.96	22.80 1.19 -0.69	21.50 1.30 -0.33	23.64 1.35 -0.05	35.42 1.92 -0.83	28.54 1.81 -0.34	32.05 2.22 -2.60	31.81 2.73 -0.49	35.67 2.83 -2.24	32.05 2.21 -1.10	25.93 1.83 -0.79	26.20 1.52 -0.78
HOLTSVILLE_IC_7 23696	23.23 1.32 -0.69	22.29 1.26 0.00	23.16 1.18 0.00	22.60 1.14 0.00	22.78 1.09 0.00	25.16 1.42 0.00	24.72 2.09 1.35	27.49 2.22 0.00	22.42 1.57 -0.37	24.46 1.19 -0.53	28.88 1.49 -1.24	25.56 1.44 -0.39	26.26 1.40 -0.96	22.80 1.19 -0.69	21.50 1.30 -0.33	23.64 1.35 -0.05	35.42 1.92 -0.83	28.54 1.81 -0.34	32.05 2.22 -2.60	31.81 2.73 -0.49	35.67 2.83 -2.24	32.05 2.21 -1.10	25.93 1.83 -0.79	26.20 1.52 -0.78
HOLTSVILLE_IC_8 23697	23.23 1.32 -0.69	22.29 1.26 0.00	23.16 1.18 0.00	22.60 1.14 0.00	22.78 1.09 0.00	25.16 1.42 0.00	24.72 2.09 1.35	27.49 2.22 0.00	22.42 1.57 -0.37	24.46 1.19 -0.53	28.88 1.49 -1.24	25.56 1.44 -0.39	26.26 1.40 -0.96	22.80 1.19 -0.69	21.50 1.30 -0.33	23.64 1.35 -0.05	35.42 1.92 -0.83	28.54 1.81 -0.34	32.05 2.22 -2.60	31.81 2.73 -0.49	35.67 2.83 -2.24	32.05 2.21 -1.10	25.93 1.83 -0.79	26.20 1.52 -0.78
HOLTSVILLE_IC_9 23698	23.23 1.32 -0.69	22.29 1.26 0.00	23.16 1.18 0.00	22.60 1.14 0.00	22.78 1.09 0.00	25.16 1.42 0.00	24.72 2.09 1.35	27.49 2.22 0.00	22.42 1.57 -0.37	24.46 1.19 -0.53	28.88 1.49 -1.24	25.56 1.44 -0.39	26.26 1.40 -0.96	22.80 1.19 -0.69	21.50 1.30 -0.33	23.64 1.35 -0.05	35.42 1.92 -0.83	28.54 1.81 -0.34	32.05 2.22 -2.60	31.81 2.73 -0.49	35.67 2.83 -2.24	32.05 2.21 -1.10	25.93 1.83 -0.79	26.20 1.52 -0.78
HOMER_HL_115KV_TB2 355744	20.38 -0.84 0.00	20.17 -0.86 0.00	21.08 -0.90 0.00	20.56 -0.91 0.00	20.90 -0.80 0.00	23.04 -0.70 0.00	23.19 -0.80 0.00	24.21 -1.06 0.00	19.77 -0.71 0.00	22.04 -0.69 0.00	25.47 -0.67 0.00	23.08 -0.65 0.00	23.29 -0.61 0.00	20.42 -0.50 0.00	19.11 -0.77 0.00	21.72 -0.52 0.00	32.08 -0.58 0.00	25.64 -0.74 0.00	26.38 -0.85 0.00	27.85 -0.74 0.00	30.08 -0.51 0.00	28.12 -0.64 0.00	23.04 -0.27 0.00	23.87 -0.05 0.00
HOWARD_WT_PWR 323690	19.53 -1.91 -0.23	20.09 -1.20 -0.27	20.50 -1.71 -0.22	20.09 -1.58 -0.21	20.73 -1.25 -0.28	22.12 -1.66 -0.03	22.47 -1.51 0.00	23.63 -1.63 0.00	19.32 -1.26 -0.11	21.53 -1.21 0.00	24.56 -1.59 0.00	22.42 -1.76 -0.45	22.55 -1.35 0.00	20.05 -0.87 0.00	19.00 -0.87 0.00	21.34 -0.90 0.00	31.38 -1.30 -0.02	25.74 -1.18 -0.54	27.43 -0.99 -1.19	27.67 -1.13 -0.20	29.28 -1.44 -0.13	27.22 -1.80 -0.26	23.06 -1.31 -1.05	23.45 -0.88 -0.42
HQ_GEN_CEDARS 23644	21.22 0.00 0.00	21.03 0.00 0.00	22.00 0.02 0.00	21.50 0.03 0.00	21.73 0.03 0.00	23.70 -0.04 0.00	23.73 -0.26 0.00	24.83 -0.43 0.00	20.08 -0.39 0.00	22.59 -0.15 0.00	26.15 0.01 0.00	23.72 -0.01 0.00	23.86 -0.04 0.00	20.87 -0.05 0.00	19.84 -0.03 0.00	22.20 -0.04 0.00	32.61 -0.06 0.00	26.12 -0.26 0.00	22.12 -0.49 4.62	20.99 -0.61 6.99	25.83 -0.65 4.12	27.90 -0.49 0.36	22.94 -0.37 0.00	23.62 -0.30 0.00
HQ_GEN_CEDARS_PROXY 323590	21.22 0.00 0.00	21.03 0.00 0.00	22.00 0.02 0.00	21.50 0.03 0.00	21.73 0.03 0.00	23.70 -0.04 0.00	23.73 -0.26 0.00	24.83 -0.43 0.00	20.08 -0.39 0.00	22.59 -0.15 0.00	26.15 0.01 0.00	23.72 -0.01 0.00	23.86 -0.04 0.00	20.87 -0.05 0.00	19.84 -0.03 0.00	22.19 -0.04 0.00	32.61 -0.06 0.00	26.12 -0.26 0.00	22.12 -0.49 4.62	20.99 -0.61 6.99	25.83 -0.65 4.12	27.90 -0.49 0.36	22.94 -0.37 0.00	23.62 -0.30 0.00

HQ_GEN_IMPORT 323601	21.26 0.05 0.00	21.08 0.05 0.00	22.04 0.06 0.00	21.53 0.06 0.00	22.44 0.06 -0.68	23.74 0.00 0.00	23.79 -0.20 0.00	24.96 -0.31 0.00	16.41 -0.26 3.80	22.68 -0.06 0.00	26.18 0.04 0.00	23.76 0.03 0.00	23.92 0.02 0.00	20.94 0.02 0.00	19.89 0.02 0.00	22.05 0.02 0.21	32.70 0.03 0.00	26.46 -0.10 -0.18	25.75 -0.22 1.26	26.35 -0.34 1.90	29.17 -0.39 1.04	28.44 -0.22 0.10	23.17 -0.14 0.00	23.81 -0.10 0.00
HQ_GEN_WHEEL 23651	21.26 0.05 0.00	21.08 0.05 0.00	22.04 0.06 0.00	21.53 0.06 0.00	22.44 0.06 -0.68	23.74 0.00 0.00	23.79 -0.20 0.00	24.96 -0.31 0.00	16.41 -0.26 3.80	22.68 -0.06 0.00	26.18 0.04 0.00	23.76 0.03 0.00	23.92 0.02 0.00	20.94 0.02 0.00	19.89 0.02 0.00	22.05 0.02 0.21	32.70 0.03 0.00	26.46 -0.10 -0.18	25.75 -0.22 1.26	26.35 -0.34 1.90	29.17 -0.39 1.04	28.44 -0.22 0.10	23.17 -0.14 0.00	23.81 -0.10 0.00
HUDSON AVE_GT_3 23810	22.17 0.95 0.00	21.91 0.88 0.00	22.83 0.85 0.00	22.30 0.84 0.00	22.53 0.84 0.00	24.88 1.14 0.00	25.55 1.56 0.00	27.06 1.80 0.00	22.24 1.39 -0.37	23.89 1.16 0.00	27.45 1.31 0.00	24.99 1.25 0.00	25.15 1.25 0.00	21.97 1.05 0.00	21.12 1.03 -0.21	23.28 1.04 0.00	34.13 1.47 0.00	27.74 1.37 0.00	28.82 1.59 0.00	30.47 1.88 0.00	32.59 2.00 0.00	30.39 1.64 0.00	24.61 1.30 0.00	24.86 0.94 0.00
HUDSON AVE_GT_4 23540	22.17 0.95 0.00	21.91 0.88 0.00	22.83 0.85 0.00	22.30 0.84 0.00	22.53 0.84 0.00	24.88 1.14 0.00	25.55 1.56 0.00	27.06 1.80 0.00	22.24 1.39 -0.37	23.89 1.16 0.00	27.45 1.31 0.00	24.99 1.25 0.00	25.15 1.25 0.00	21.97 1.05 0.00	21.12 1.03 -0.21	23.28 1.04 0.00	34.13 1.47 0.00	27.74 1.37 0.00	28.82 1.59 0.00	30.47 1.88 0.00	32.59 2.00 0.00	30.39 1.64 0.00	24.61 1.30 0.00	24.86 0.94 0.00
HUDSON AVE_GT_5 23657	22.17 0.95 0.00	21.91 0.88 0.00	22.83 0.85 0.00	22.30 0.84 0.00	22.53 0.84 0.00	24.88 1.14 0.00	25.55 1.56 0.00	27.06 1.80 0.00	22.24 1.39 -0.37	23.89 1.16 0.00	27.45 1.31 0.00	24.99 1.25 0.00	25.15 1.25 0.00	21.97 1.05 0.00	21.12 1.03 -0.21	23.28 1.04 0.00	34.13 1.47 0.00	27.74 1.37 0.00	28.82 1.59 0.00	30.47 1.88 0.00	32.59 2.00 0.00	30.39 1.64 0.00	24.61 1.30 0.00	24.86 0.94 0.00
HUDSON_AVE_10 24168	22.11 0.89 0.00	21.85 0.82 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.84 1.09 0.00	25.49 1.50 0.00	27.00 1.74 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.23 0.00	24.92 1.18 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.06 0.97 -0.21	23.22 0.98 0.00	34.03 1.37 0.00	27.68 1.30 0.00	28.75 1.52 0.00	30.38 1.79 0.00	32.52 1.92 0.00	30.30 1.55 0.00	24.54 1.22 0.00	24.78 0.86 0.00
HUDSON___115KV_TB 4 355613	22.26 1.04 0.00	22.11 1.08 0.00	23.11 1.13 0.00	22.59 1.12 0.00	22.84 1.14 0.00	24.97 1.23 0.00	25.56 1.58 0.00	27.12 1.86 0.00	24.01 1.52 -2.02	24.14 1.41 0.00	27.43 1.29 0.00	24.79 1.06 0.00	24.96 1.06 0.00	21.79 0.87 0.00	20.79 0.91 0.00	23.33 1.09 0.00	34.36 1.70 0.00	27.94 1.55 0.00	29.03 1.80 0.00	30.62 2.03 0.00	32.72 2.12 0.00	30.62 1.87 0.00	24.68 1.37 0.00	25.09 1.17 0.00
HUNTER MOUNT___DRP 323613	22.38 1.16 0.00	22.24 1.22 0.00	23.26 1.28 0.00	22.73 1.27 0.00	22.99 1.30 0.00	25.13 1.39 0.00	25.74 1.75 0.00	27.31 2.05 0.00	23.86 1.70 -1.68	24.36 1.62 0.00	27.61 1.47 0.00	24.90 1.17 0.00	25.07 1.17 0.00	21.88 0.96 0.00	20.89 1.02 0.00	23.48 1.24 0.00	34.64 1.97 0.00	28.14 1.76 0.00	29.26 2.03 0.00	30.85 2.26 0.00	32.95 2.35 0.00	30.84 2.09 0.00	24.84 1.53 0.00	25.27 1.35 0.00
HUNTINGTON_RES_REC 323705	23.08 1.16 -0.70	22.12 1.09 0.00	23.01 1.03 0.00	22.45 0.99 0.00	22.62 0.93 0.00	24.95 1.20 0.00	25.77 1.79 0.00	27.22 1.95 0.00	22.23 1.39 -0.37	23.76 1.03 0.00	27.47 1.33 0.00	25.04 1.30 0.00	25.18 1.28 0.00	22.01 1.09 0.00	21.26 1.17 -0.22	23.46 1.22 0.00	34.35 1.69 0.00	28.11 1.62 -0.12	31.78 1.94 -2.61	31.48 2.39 -0.49	35.33 2.49 -2.25	31.80 1.95 -1.10	25.74 1.63 -0.79	26.01 1.31 -0.78
HUNTLEY___63 23557	19.67 -1.54 0.00	19.42 -1.61 0.00	20.29 -1.69 0.00	19.73 -1.74 0.00	20.12 -1.57 0.00	22.17 -1.57 0.00	22.01 -1.98 0.00	22.77 -2.49 0.00	18.67 -1.81 0.00	20.89 -1.84 0.00	24.06 -2.08 0.00	21.89 -1.84 0.00	21.97 -1.93 0.00	19.29 -1.63 0.00	55.76 -1.91 -37.79	20.55 -1.69 0.00	30.32 -2.35 0.00	24.18 -2.21 0.00	24.82 -2.40 0.00	26.09 -2.50 0.00	28.27 -2.32 0.00	26.63 -2.12 0.00	21.92 -1.39 0.00	23.07 -0.84 0.00
HUNTLEY___64 23558	19.67 -1.54 0.00	19.42 -1.61 0.00	20.29 -1.69 0.00	19.73 -1.74 0.00	20.12 -1.57 0.00	22.17 -1.57 0.00	22.01 -1.98 0.00	22.77 -2.49 0.00	18.67 -1.81 0.00	20.89 -1.84 0.00	24.06 -2.08 0.00	21.89 -1.84 0.00	21.97 -1.93 0.00	19.29 -1.63 0.00	55.76 -1.91 -37.79	20.55 -1.69 0.00	30.32 -2.35 0.00	24.18 -2.21 0.00	24.82 -2.40 0.00	26.09 -2.50 0.00	28.27 -2.32 0.00	26.63 -2.12 0.00	21.92 -1.39 0.00	23.07 -0.84 0.00
HUNTLEY___65 23559	19.67 -1.54 0.00	19.42 -1.61 0.00	20.29 -1.69 0.00	19.73 -1.74 0.00	20.12 -1.57 0.00	22.17 -1.57 0.00	22.01 -1.98 0.00	22.77 -2.49 0.00	18.67 -1.81 0.00	20.89 -1.84 0.00	24.06 -2.08 0.00	21.89 -1.84 0.00	21.97 -1.93 0.00	19.29 -1.63 0.00	55.76 -1.91 -37.79	20.55 -1.69 0.00	30.32 -2.35 0.00	24.18 -2.21 0.00	24.82 -2.40 0.00	26.09 -2.50 0.00	28.27 -2.32 0.00	26.63 -2.12 0.00	21.92 -1.39 0.00	23.07 -0.84 0.00
HUNTLEY___66 23560	19.67 -1.54 0.00	19.42 -1.61 0.00	20.29 -1.69 0.00	19.73 -1.74 0.00	20.12 -1.57 0.00	22.17 -1.57 0.00	22.01 -1.98 0.00	22.77 -2.49 0.00	18.67 -1.81 0.00	20.89 -1.84 0.00	24.06 -2.08 0.00	21.89 -1.84 0.00	21.97 -1.93 0.00	19.29 -1.63 0.00	55.76 -1.91 -37.79	20.55 -1.69 0.00	30.32 -2.35 0.00	24.18 -2.21 0.00	24.82 -2.40 0.00	26.09 -2.50 0.00	28.27 -2.32 0.00	26.63 -2.12 0.00	21.92 -1.39 0.00	23.07 -0.84 0.00
HUNTLEY___67 23561	19.57 -1.64 0.00	19.33 -1.70 0.00	20.19 -1.79 0.00	19.64 -1.82 0.00	20.02 -1.67 0.00	22.04 -1.70 0.00	21.90 -2.09 0.00	22.70 -2.57 0.00	18.60 -1.88 0.00	20.82 -1.92 0.00	23.99 -2.15 0.00	21.81 -1.92 0.00	21.92 -1.98 0.00	19.25 -1.68 0.00	53.96 -1.93 -36.01	20.50 -1.74 0.00	30.24 -2.43 0.00	24.09 -2.30 0.00	24.72 -2.51 0.00	26.00 -2.60 0.00	28.18 -2.42 0.00	26.53 -2.22 0.00	21.78 -1.53 0.00	22.94 -0.98 0.00
HUNTLEY___68 23562	19.57 -1.64 0.00	19.33 -1.70 0.00	20.19 -1.79 0.00	19.64 -1.82 0.00	20.02 -1.67 0.00	22.04 -1.70 0.00	21.90 -2.09 0.00	22.70 -2.57 0.00	18.60 -1.88 0.00	20.82 -1.92 0.00	23.99 -2.15 0.00	21.81 -1.92 0.00	21.92 -1.98 0.00	19.25 -1.68 0.00	53.96 -1.93 -36.01	20.50 -1.74 0.00	30.24 -2.43 0.00	24.09 -2.30 0.00	24.72 -2.51 0.00	26.00 -2.60 0.00	28.18 -2.42 0.00	26.53 -2.22 0.00	21.78 -1.53 0.00	22.94 -0.98 0.00

HYLAND___LFGE 323620	20.89 -0.49 -0.17	20.88 -0.35 -0.20	21.64 -0.50 -0.17	21.12 -0.50 -0.15	21.64 -0.27 -0.21	23.55 -0.22 -0.03	23.87 -0.12 0.00	25.13 -0.14 0.00	20.37 -0.11 0.00	22.53 -0.21 0.00	25.45 -0.70 0.00	22.85 -1.14 -0.26	22.94 -0.96 0.00	20.27 -0.65 0.00	19.14 -0.73 0.00	21.60 -0.63 0.00	32.05 -0.62 -0.01	26.15 -0.54 -0.31	27.67 -0.24 -0.68	28.74 0.03 -0.12	30.83 0.16 -0.07	28.83 -0.08 -0.15	23.87 -0.05 -0.60	24.39 0.23 -0.24
INDECK___CORINTH 23802	21.99 0.77 0.00	21.92 0.89 0.00	22.90 0.92 0.00	22.38 0.92 0.00	22.65 0.95 0.00	24.92 1.17 0.00	25.54 1.55 0.00	27.04 1.78 0.00	26.07 1.38 -4.22	23.92 1.18 0.00	27.23 1.09 0.00	24.69 0.96 0.00	24.83 0.93 0.00	21.68 0.76 0.00	20.59 0.72 0.00	22.98 0.74 0.00	33.89 1.23 0.00	27.67 1.29 0.00	28.72 1.49 0.00	30.20 1.60 0.00	32.23 1.64 0.00	30.11 1.36 0.00	24.18 0.87 0.00	24.57 0.66 0.00
INDECK___ILION 23567	21.25 0.04 0.00	21.09 0.06 0.00	22.05 0.07 0.00	21.55 0.08 0.00	21.76 0.07 0.00	23.84 0.10 0.00	24.31 0.32 0.00	25.71 0.44 0.00	20.83 0.36 0.00	22.89 0.16 0.00	26.21 0.06 0.00	23.77 0.04 0.00	23.99 0.09 0.00	20.93 0.01 0.00	19.92 0.04 0.00	22.31 0.07 0.00	32.77 0.10 0.00	26.56 0.18 0.00	29.70 0.29 -2.19	32.31 0.40 -3.32	32.97 0.42 -1.95	29.24 0.32 -0.17	23.47 0.16 0.00	23.91 0.00 0.00
INDECK___OLEAN 23982	20.38 -0.84 0.00	20.17 -0.86 0.00	21.08 -0.90 0.00	20.55 -0.91 0.00	20.89 -0.80 0.00	23.04 -0.70 0.00	23.19 -0.80 0.00	24.21 -1.06 0.00	19.76 -0.72 0.00	22.04 -0.70 0.00	25.47 -0.67 0.00	22.04 -0.67 1.02	23.29 -0.61 0.00	20.42 -0.50 0.00	19.07 -0.80 0.00	21.72 -0.52 0.00	32.04 -0.59 0.04	24.39 -0.73 1.25	23.65 -0.82 2.76	27.36 -0.76 0.47	29.79 -0.51 0.30	27.51 -0.64 0.60	20.61 -0.29 2.41	22.94 -0.03 0.95
INDECK___OSWEGO 23783	20.61 -0.61 0.00	20.42 -0.61 0.00	21.34 -0.64 0.00	20.84 -0.62 0.00	21.10 -0.59 0.00	23.12 -0.62 0.00	23.37 -0.61 0.00	24.63 -0.63 0.00	19.98 -0.49 0.00	22.12 -0.61 0.00	25.41 -0.74 0.00	23.01 -0.72 0.00	23.15 -0.75 0.00	20.31 -0.61 0.00	19.26 -0.61 0.00	21.60 -0.63 0.00	31.74 -0.93 0.00	25.64 -0.74 0.00	24.08 -0.73 2.41	24.24 -0.71 3.65	27.72 -0.73 2.15	27.82 -0.74 0.19	22.74 -0.58 0.00	23.53 -0.38 0.00
INDECK___YERKES 23781	19.69 -1.53 0.00	19.45 -1.59 0.00	20.31 -1.67 0.00	19.75 -1.71 0.00	20.14 -1.55 0.00	22.20 -1.55 0.00	22.03 -1.96 0.00	22.80 -2.47 0.00	18.68 -1.80 0.00	20.92 -1.82 0.00	24.09 -2.06 0.00	21.08 -1.84 0.82	21.99 -1.91 0.00	19.32 -1.61 0.00	55.74 -1.93 -37.79	20.58 -1.66 0.00	30.32 -2.32 0.03	23.19 -2.18 1.01	22.67 -2.34 2.22	25.73 -2.49 0.38	28.06 -2.29 0.24	26.17 -2.10 0.48	19.99 -1.38 1.94	22.35 -0.80 0.77
INDIAN POINT_GT_1 24139	21.98 0.77 0.00	21.74 0.70 0.00	22.66 0.68 0.00	22.13 0.67 0.00	22.35 0.65 0.00	24.64 0.90 0.00	25.28 1.29 0.00	26.78 1.52 0.00	22.00 1.16 -0.36	23.66 0.93 0.00	27.16 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.91 0.77 -0.26	23.04 0.80 0.00	33.82 1.15 0.00	27.51 1.13 0.00	28.59 1.36 0.00	30.23 1.64 0.00	32.36 1.76 0.00	30.17 1.42 0.00	24.43 1.11 0.00	24.71 0.79 0.00
INDIAN POINT_GT_2 23659	21.98 0.77 0.00	21.74 0.70 0.00	22.66 0.68 0.00	22.13 0.67 0.00	22.35 0.65 0.00	24.64 0.90 0.00	25.28 1.29 0.00	26.78 1.52 0.00	22.00 1.16 -0.36	23.66 0.93 0.00	27.16 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.91 0.77 -0.26	23.04 0.80 0.00	33.82 1.15 0.00	27.51 1.13 0.00	28.59 1.36 0.00	30.23 1.64 0.00	32.36 1.76 0.00	30.17 1.42 0.00	24.43 1.11 0.00	24.71 0.79 0.00
INDIAN POINT_GT_3 24019	21.98 0.77 0.00	21.74 0.70 0.00	22.66 0.68 0.00	22.13 0.67 0.00	22.35 0.65 0.00	24.64 0.90 0.00	25.28 1.29 0.00	26.78 1.52 0.00	22.00 1.16 -0.36	23.66 0.93 0.00	27.16 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.91 0.77 -0.26	23.04 0.80 0.00	33.82 1.15 0.00	27.51 1.13 0.00	28.59 1.36 0.00	30.23 1.64 0.00	32.36 1.76 0.00	30.17 1.42 0.00	24.43 1.11 0.00	24.71 0.79 0.00
INDIAN POINT___2 23530	21.98 0.76 0.00	21.72 0.69 0.00	22.65 0.67 0.00	22.12 0.66 0.00	22.33 0.64 0.00	24.63 0.89 0.00	25.26 1.28 0.00	26.76 1.49 0.00	21.97 1.13 -0.36	23.63 0.89 0.00	27.14 0.99 0.00	24.69 0.96 0.00	24.85 0.95 0.00	21.71 0.79 -0.32	20.95 0.75 0.00	23.02 0.78 0.00	33.79 1.12 0.00	27.48 1.10 0.00	28.56 1.33 0.00	30.21 1.61 0.00	32.33 1.73 0.00	30.15 1.40 0.00	24.42 1.11 0.00	24.69 0.78 0.00
INDIAN POINT___3 23531	21.98 0.76 0.00	21.73 0.70 0.00	22.65 0.67 0.00	22.12 0.66 0.00	22.33 0.64 0.00	24.63 0.89 0.00	25.27 1.28 0.00	26.76 1.49 0.00	21.98 1.14 -0.36	23.64 0.91 0.00	27.15 1.00 0.00	24.70 0.97 0.00	24.86 0.96 0.00	21.72 0.80 0.00	20.90 0.76 -0.26	23.03 0.79 0.00	33.80 1.13 0.00	27.49 1.11 0.00	28.56 1.34 0.00	30.21 1.62 0.00	32.33 1.74 0.00	30.16 1.41 0.00	24.42 1.11 0.00	24.69 0.78 0.00
INGHAM_C_115KV_TB7 356103	21.11 -0.10 0.00	20.98 -0.05 0.00	21.96 -0.02 0.00	21.47 0.01 0.00	21.67 -0.02 0.00	23.73 -0.01 0.00	24.41 0.42 0.00	25.88 0.62 0.00	20.97 0.49 0.00	22.85 0.11 0.00	26.04 -0.10 0.00	23.58 -0.15 0.00	23.88 -0.02 0.00	20.75 -0.18 0.00	19.81 -0.06 0.00	22.20 -0.03 0.00	32.60 -0.07 0.00	26.47 0.09 0.00	29.72 0.30 -2.19	32.43 0.52 -3.32	33.05 0.51 -1.95	29.30 0.37 -0.17	23.42 0.11 0.00	23.68 -0.24 0.00
IP CORINTH___1 23988	21.99 0.77 0.00	21.92 0.89 0.00	22.90 0.92 0.00	22.38 0.92 0.00	22.65 0.95 0.00	24.92 1.17 0.00	25.53 1.55 0.00	27.04 1.78 0.00	26.07 1.38 -4.22	23.92 1.18 0.00	27.24 1.09 0.00	24.69 0.96 0.00	24.83 0.93 0.00	21.68 0.76 0.00	20.59 0.72 0.00	22.98 0.74 0.00	33.89 1.23 0.00	27.67 1.29 0.00	28.72 1.49 0.00	30.20 1.60 0.00	32.23 1.64 0.00	30.11 1.36 0.00	24.18 0.88 0.00	24.57 0.66 0.00
IP___TICONDEROGA 23804	22.82 1.60 0.00	22.73 1.70 0.00	23.69 1.71 0.00	23.17 1.71 0.00	23.44 1.75 0.00	26.04 2.30 0.00	26.91 2.92 0.00	28.50 3.23 0.00	27.15 2.49 -4.18	24.90 2.17 0.00	28.17 2.02 0.00	25.59 1.86 0.00	25.74 1.85 0.00	22.43 1.50 0.00	21.32 1.44 0.00	23.66 1.42 0.00	35.06 2.39 0.00	28.98 2.60 0.00	30.19 2.96 0.00	31.58 2.99 0.00	33.58 2.98 0.00	31.21 2.46 0.00	24.81 1.50 0.00	25.21 1.30 0.00
ISLIP_RES_REC 323679	23.34 1.39 -0.73	22.37 1.34 0.00	23.24 1.26 0.00	22.67 1.20 0.00	22.86 1.16 0.00	25.26 1.51 0.00	25.48 2.21 0.71	27.60 2.34 0.00	22.51 1.66 -0.37	24.30 1.29 -0.28	28.39 1.60 -0.65	25.47 1.53 -0.21	25.90 1.50 -0.50	22.56 1.27 -0.36	21.53 1.39 -0.28	23.72 1.45 -0.03	35.18 2.08 -0.44	28.56 1.94 -0.24	32.30 2.35 -2.72	31.97 2.87 -0.50	35.90 2.97 -2.34	32.23 2.34 -1.15	26.07 1.92 -0.83	26.34 1.60 -0.82

JAMAICA__27_KV_LOAD 355505	22.28 1.07 0.00	22.00 0.97 0.00	22.98 1.00 0.00	22.44 0.98 0.00	22.67 0.97 0.00	25.06 1.32 0.00	25.66 1.68 0.00	27.20 1.94 0.00	22.32 1.48 -0.37	23.99 1.25 0.00	27.55 1.40 0.00	25.06 1.33 0.00	25.22 1.32 0.00	22.05 1.13 0.00	21.18 1.10 -0.21	23.35 1.11 0.00	34.22 1.55 0.00	27.85 1.47 0.00	28.91 1.69 0.00	30.55 1.95 0.00	32.73 2.14 0.00	30.49 1.74 0.00	24.68 1.37 0.00	24.90 0.99 0.00
JANIS__SOLAR 323808	21.69 0.48 0.00	21.37 0.34 0.00	22.54 0.56 0.00	21.94 0.47 0.00	22.20 0.51 0.00	24.62 0.87 0.00	24.89 0.91 0.00	26.16 0.90 0.00	21.25 0.56 -0.21	23.21 0.47 0.00	26.65 0.51 0.00	24.20 0.31 -0.15	24.30 0.40 0.00	21.31 0.39 0.00	20.16 0.28 0.00	22.58 0.34 0.00	33.40 0.72 0.00	27.31 0.74 -0.18	28.43 0.79 -0.40	29.57 0.91 -0.07	31.72 1.09 -0.05	29.53 0.69 -0.09	24.15 0.48 -0.36	24.62 0.56 -0.14
JARVIS____ 23743	21.26 0.04 0.00	21.08 0.05 0.00	22.03 0.06 0.00	21.52 0.05 0.00	21.74 0.04 0.00	23.81 0.07 0.00	24.14 0.15 0.00	25.48 0.21 0.00	20.65 0.17 0.00	22.83 0.09 0.00	26.21 0.06 0.00	23.79 0.06 0.00	23.97 0.07 0.00	20.97 0.05 0.00	19.93 0.06 0.00	22.29 0.05 0.00	32.76 0.10 0.00	26.50 0.12 0.00	29.58 0.16 -2.19	32.12 0.21 -3.32	32.77 0.23 -1.95	29.08 0.16 -0.17	23.42 0.10 0.00	23.97 0.06 0.00
JENNISON____1 23625	21.63 0.42 0.00	21.02 -0.01 0.00	22.56 0.58 0.00	21.80 0.33 0.00	22.00 0.31 0.00	24.54 0.80 0.00	24.50 0.51 0.00	25.88 0.61 0.00	21.09 0.29 -0.33	22.97 0.23 0.00	26.73 0.59 0.00	24.39 0.66 0.00	24.72 0.82 0.00	21.69 0.77 0.00	20.50 0.63 0.00	22.92 0.68 0.00	33.54 0.87 0.00	27.05 0.67 0.00	27.76 0.53 0.00	29.05 0.46 0.00	31.21 0.62 0.00	28.97 0.22 0.00	23.38 0.07 0.00	24.08 0.17 0.00
JENNISON____2 23626	21.63 0.42 0.00	21.02 -0.01 0.00	22.56 0.58 0.00	21.80 0.33 0.00	22.00 0.31 0.00	24.54 0.80 0.00	24.50 0.51 0.00	25.88 0.61 0.00	21.09 0.29 -0.33	22.97 0.23 0.00	26.73 0.59 0.00	24.39 0.66 0.00	24.72 0.82 0.00	21.69 0.77 0.00	20.50 0.63 0.00	22.92 0.68 0.00	33.54 0.87 0.00	27.05 0.67 0.00	27.76 0.53 0.00	29.05 0.46 0.00	31.21 0.62 0.00	28.97 0.22 0.00	23.38 0.07 0.00	24.08 0.17 0.00
JERICOHO_RISE_WT_PWR 323719	21.38 0.16 0.00	21.17 0.14 0.00	22.18 0.20 0.00	21.82 0.35 0.00	22.10 0.41 0.00	24.18 0.44 0.00	24.21 0.22 0.00	24.67 -0.59 0.00	19.59 -0.89 0.00	22.45 -0.29 0.00	26.68 0.54 0.00	24.16 0.43 0.00	24.31 0.41 0.00	21.35 0.43 0.00	20.33 0.46 0.00	22.48 0.24 0.00	32.46 -0.21 0.00	25.90 -0.48 0.00	22.43 -1.05 3.75	21.61 -1.32 5.67	25.88 -1.38 3.34	27.49 -0.97 0.29	22.45 -0.86 0.00	23.22 -0.69 0.00
KATONAH__115KV_46KV_TB4 355592	22.14 0.92 0.00	21.90 0.87 0.00	22.83 0.85 0.00	22.30 0.84 0.00	22.52 0.83 0.00	24.84 1.10 0.00	25.51 1.52 0.00	27.03 1.76 0.00	22.23 1.38 -0.38	23.91 1.17 0.00	27.39 1.25 0.00	24.90 1.16 0.00	25.02 1.12 0.00	21.83 0.91 0.00	20.87 0.87 -0.12	23.16 0.92 0.00	33.98 1.32 0.00	27.66 1.28 0.00	28.75 1.52 0.00	30.39 1.80 0.00	32.50 1.91 0.00	30.31 1.56 0.00	24.51 1.19 0.00	24.79 0.87 0.00
KCE_NY_1 323755	22.02 0.80 0.00	21.89 0.86 0.00	22.86 0.88 0.00	22.34 0.88 0.00	22.59 0.90 0.00	24.77 1.03 0.00	25.33 1.34 0.00	26.79 1.53 0.00	25.82 1.22 -4.13	23.82 1.08 0.00	27.19 1.05 0.00	24.66 0.93 0.00	24.81 0.91 0.00	21.68 0.75 0.00	20.61 0.74 0.00	23.05 0.81 0.00	33.98 1.31 0.00	27.63 1.25 0.00	28.66 1.43 0.00	30.17 1.58 0.00	32.23 1.64 0.00	30.16 1.41 0.00	24.30 0.99 0.00	24.72 0.81 0.00
KCE_NY_6_ESR 323823	19.78 -1.44 0.00	19.52 -1.50 0.00	20.41 -1.57 0.00	19.86 -1.61 0.00	20.23 -1.46 0.00	22.32 -1.42 0.00	22.23 -1.75 0.00	23.05 -2.21 0.00	18.88 -1.60 0.00	21.13 -1.60 0.00	24.38 -1.76 0.00	21.19 -1.62 0.92	22.26 -1.64 0.00	19.54 -1.38 0.00	53.78 -1.67 -35.58	20.85 -1.39 0.00	30.73 -1.90 0.03	23.40 -1.86 1.13	22.73 -2.01 2.48	26.01 -2.17 0.42	28.40 -1.93 0.27	26.42 -1.79 0.54	19.92 -1.23 2.17	22.36 -0.69 0.86
KEDC_PORT_JEFF_GT2 24210	23.18 1.28 -0.68	22.25 1.23 0.00	23.13 1.15 0.00	22.56 1.10 0.00	22.74 1.05 0.00	25.12 1.38 0.00	27.42 2.04 -1.39	27.43 2.17 0.00	22.38 1.53 -0.37	23.34 1.15 0.55	26.31 1.45 1.28	24.72 1.40 0.41	24.28 1.37 0.99	21.38 1.17 0.71	21.24 1.27 -0.11	23.49 1.31 0.06	33.68 1.87 0.85	28.03 1.77 0.12	31.92 2.16 -2.53	31.74 2.66 -0.49	35.53 2.75 -2.18	31.97 2.15 -1.07	25.87 1.78 -0.77	26.14 1.47 -0.75
KEDC_PORT_JEFF_GT3 24211	23.18 1.28 -0.68	22.25 1.23 0.00	23.13 1.15 0.00	22.56 1.10 0.00	22.74 1.05 0.00	25.12 1.38 0.00	27.42 2.04 -1.39	27.43 2.17 0.00	22.38 1.53 -0.37	23.34 1.15 0.55	26.31 1.45 1.28	24.72 1.40 0.41	24.28 1.37 0.99	21.38 1.17 0.71	21.24 1.27 -0.11	23.49 1.31 0.06	33.68 1.87 0.85	28.03 1.77 0.12	31.92 2.16 -2.53	31.74 2.66 -0.49	35.53 2.75 -2.18	31.97 2.15 -1.07	25.87 1.78 -0.77	26.14 1.47 -0.75
KEDC_GLWD_GT4 24219	25.60 1.28 -3.10	22.25 1.22 0.00	23.15 1.17 0.00	22.60 1.14 0.00	22.80 1.10 0.00	25.17 1.42 0.00	25.91 1.93 0.00	27.42 2.16 0.00	22.45 1.61 -0.37	24.09 1.36 0.00	27.75 1.61 0.00	25.25 1.52 0.00	25.44 1.55 0.00	22.23 1.31 0.00	21.42 1.33 -0.22	23.62 1.38 0.00	34.68 2.01 0.00	28.75 1.85 -0.52	40.62 2.13 -11.27	32.10 2.40 -1.10	42.93 2.64 -9.70	35.70 2.20 -4.75	28.59 1.76 -3.52	28.80 1.43 -3.46
KEDC_GLWD_GT5 24220	25.60 1.28 -3.10	22.25 1.22 0.00	23.15 1.17 0.00	22.60 1.14 0.00	22.80 1.10 0.00	25.17 1.42 0.00	25.91 1.93 0.00	27.42 2.16 0.00	22.45 1.61 -0.37	24.09 1.36 0.00	27.75 1.61 0.00	25.25 1.52 0.00	25.44 1.55 0.00	22.23 1.31 0.00	21.42 1.33 -0.22	23.62 1.38 0.00	34.68 2.01 0.00	28.75 1.85 -0.52	40.62 2.13 -11.27	32.10 2.40 -1.10	42.93 2.64 -9.70	35.70 2.20 -4.75	28.59 1.76 -3.52	28.80 1.43 -3.46
KENSICO____ 23655	22.03 0.81 0.00	21.78 0.75 0.00	22.70 0.72 0.00	22.18 0.71 0.00	22.39 0.69 0.00	24.70 0.95 0.00	25.34 1.35 0.00	26.84 1.58 0.00	22.07 1.22 -0.37	23.73 0.99 0.00	27.24 1.10 0.00	24.79 1.06 0.00	24.95 1.06 0.00	21.80 0.88 0.00	20.96 0.85 -0.23	23.11 0.87 0.00	33.92 1.25 0.00	27.59 1.21 0.00	28.67 1.44 0.00	30.31 1.72 0.00	32.43 1.84 0.00	30.25 1.50 0.00	24.48 1.17 0.00	24.76 0.84 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.18 0.97 0.00	21.93 0.90 0.00	22.86 0.88 0.00	22.34 0.87 0.00	22.56 0.86 0.00	24.89 1.15 0.00	25.51 1.52 0.00	26.97 1.70 0.00	22.23 1.25 -0.50	23.77 1.03 0.00	27.27 1.12 0.00	24.66 0.93 0.00	24.74 0.84 0.00	21.65 0.73 0.00	20.56 0.73 0.04	23.06 0.82 0.00	33.88 1.21 0.00	27.58 1.20 0.00	28.70 1.47 0.00	30.37 1.77 0.00	32.51 1.91 0.00	30.28 1.53 0.00	24.50 1.18 0.00	24.79 0.88 0.00

KIAC_JFK_GT1 23816	22.21 0.99 0.00	21.93 0.90 0.00	22.90 0.92 0.00	22.36 0.89 0.00	22.59 0.89 0.00	24.96 1.22 0.00	25.56 1.58 0.00	27.09 1.82 0.00	22.25 1.40 -0.37	23.90 1.16 0.00	27.45 1.31 0.00	24.98 1.24 0.00	25.14 1.24 0.00	21.98 1.05 0.00	21.12 1.04 -0.21	23.28 1.04 0.00	34.11 1.44 0.00	27.75 1.37 0.00	28.81 1.59 0.00	30.44 1.85 0.00	32.61 2.01 0.00	30.38 1.63 0.00	24.59 1.28 0.00	24.82 0.91 0.00
KIAC_JFK_GT2 23817	22.21 0.99 0.00	21.93 0.90 0.00	22.90 0.92 0.00	22.36 0.89 0.00	22.59 0.89 0.00	24.96 1.22 0.00	25.56 1.58 0.00	27.09 1.82 0.00	22.25 1.40 -0.37	23.90 1.16 0.00	27.45 1.31 0.00	24.98 1.24 0.00	25.14 1.24 0.00	21.98 1.05 0.00	21.12 1.04 -0.21	23.28 1.04 0.00	34.11 1.44 0.00	27.75 1.37 0.00	28.81 1.59 0.00	30.44 1.85 0.00	32.61 2.01 0.00	30.38 1.63 0.00	24.59 1.28 0.00	24.82 0.91 0.00
KIAC_JFK____ 323774	22.21 1.00 0.00	21.93 0.90 0.00	22.90 0.92 0.00	22.36 0.89 0.00	22.59 0.89 0.00	24.97 1.23 0.00	25.57 1.58 0.00	27.09 1.82 0.00	22.25 1.40 -0.37	23.90 1.16 0.00	27.45 1.31 0.00	24.98 1.25 0.00	25.14 1.24 0.00	21.98 1.05 0.00	21.13 1.04 -0.21	23.27 1.04 0.00	34.11 1.44 0.00	27.75 1.37 0.00	28.81 1.58 0.00	30.45 1.85 0.00	32.61 2.02 0.00	30.38 1.63 0.00	24.59 1.28 0.00	24.82 0.90 0.00
KINTIGH____ 23543	19.66 -1.56 0.00	19.43 -1.60 0.00	20.30 -1.68 0.00	19.75 -1.71 0.00	20.13 -1.57 0.00	22.13 -1.61 0.00	22.04 -1.95 0.00	22.95 -2.32 0.00	18.77 -1.71 0.00	20.94 -1.79 0.00	24.12 -2.03 0.00	21.91 -1.82 0.00	22.02 -1.88 0.00	19.34 -1.58 0.00	54.71 -1.78 -36.62	20.59 -1.65 0.00	30.34 -2.32 0.00	24.21 -2.17 0.00	24.85 -2.38 0.00	26.19 -2.40 0.00	28.33 -2.27 0.00	26.64 -2.12 0.00	21.82 -1.49 0.00	22.90 -1.02 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	21.86 0.64 0.00	21.64 0.60 0.00	22.64 0.67 0.00	22.27 0.80 0.00	22.56 0.87 0.00	24.71 0.97 0.00	24.86 0.88 0.00	25.36 0.09 0.00	20.12 -0.36 0.00	22.99 0.26 0.00	27.30 1.16 0.00	24.70 0.97 0.00	24.75 0.85 0.00	21.74 0.82 0.00	20.69 0.82 0.00	22.89 0.65 0.00	33.23 0.56 0.00	26.56 0.17 0.00	23.40 -0.32 3.50	22.80 -0.49 5.30	26.96 -0.52 3.12	28.23 -0.25 0.27	22.99 -0.33 0.00	23.70 -0.21 0.00
LACHUTE____HYDRO 323717	22.82 1.60 0.00	22.73 1.70 0.00	23.69 1.71 0.00	23.17 1.71 0.00	23.44 1.75 0.00	26.04 2.30 0.00	26.91 2.92 0.00	28.50 3.23 0.00	27.15 2.49 -4.18	24.90 2.17 0.00	28.17 2.02 0.00	25.59 1.86 0.00	25.74 1.85 0.00	22.43 1.50 0.00	21.31 1.44 0.00	23.66 1.42 0.00	35.06 2.39 0.00	28.98 2.60 0.00	30.19 2.96 0.00	31.58 2.99 0.00	33.58 2.98 0.00	31.21 2.46 0.00	24.81 1.50 0.00	25.21 1.29 0.00
LAWRNCALV_115KV_TB1 80681	20.79 -0.43 0.00	20.60 -0.43 0.00	21.56 -0.42 0.00	21.08 -0.39 0.00	21.31 -0.38 0.00	23.26 -0.49 0.00	23.31 -0.67 0.00	24.38 -0.89 0.00	19.68 -0.80 0.00	22.11 -0.62 0.00	25.65 -0.49 0.00	23.25 -0.48 0.00	23.33 -0.56 0.00	20.41 -0.51 0.00	19.40 -0.47 0.00	21.70 -0.54 0.00	31.88 -0.79 0.00	25.52 -0.86 0.00	17.87 -1.14 8.21	14.88 -1.28 12.43	21.90 -1.37 7.32	26.94 -1.17 0.64	22.37 -0.95 0.00	23.04 -0.87 0.00
LEDERLE____ 23769	22.09 0.87 0.00	21.82 0.79 0.00	22.75 0.77 0.00	22.23 0.76 0.00	22.44 0.75 0.00	24.76 1.01 0.00	25.39 1.40 0.00	26.89 1.62 0.00	22.07 1.24 -0.36	23.76 1.03 0.00	27.29 1.14 0.00	24.81 1.08 0.00	24.97 1.08 0.00	21.82 0.90 0.00	20.43 0.85 0.29	23.14 0.90 0.00	33.94 1.27 0.00	27.60 1.22 0.00	28.69 1.47 0.00	30.34 1.75 0.00	32.49 1.89 0.00	30.29 1.54 0.00	24.53 1.22 0.00	24.81 0.90 0.00
LIGHTHSE_115KV_TB6 355974	20.49 -0.73 0.00	20.29 -0.74 0.00	21.21 -0.76 0.00	20.74 -0.73 0.00	21.01 -0.68 0.00	23.00 -0.74 0.00	23.25 -0.73 0.00	24.56 -0.71 0.00	19.88 -0.59 0.00	21.99 -0.74 0.00	25.33 -0.82 0.00	22.93 -0.81 0.00	22.91 -0.99 0.00	20.02 -0.90 0.00	19.03 -0.84 0.00	21.38 -0.86 0.00	31.37 -1.30 0.00	25.35 -1.03 0.00	19.45 -1.07 6.71	17.42 -1.02 10.16	23.59 -1.03 5.98	27.20 -1.03 0.52	22.50 -0.82 0.00	23.31 -0.60 0.00
LINDEN COGEN____ 23786	22.03 0.81 0.00	21.76 0.72 0.00	22.67 0.69 0.00	22.15 0.68 0.00	22.37 0.67 0.00	24.71 0.97 0.00	25.38 1.40 0.00	26.87 1.60 0.00	22.07 1.23 -0.37	23.69 0.95 0.00	27.20 1.06 0.00	24.56 1.04 0.21	24.82 1.02 0.10	21.78 0.86 0.00	20.95 0.86 -0.21	23.08 0.84 0.00	33.83 1.16 0.00	27.52 1.14 0.00	28.59 1.36 0.00	30.24 1.64 0.00	32.34 1.75 0.00	30.16 1.41 0.00	24.44 1.12 0.00	24.68 0.77 0.00
LINDHRST_69_KV_BK1 356055	24.14 1.34 -1.59	22.30 1.27 0.00	23.19 1.21 0.00	22.63 1.16 0.00	22.82 1.13 0.00	25.20 1.45 0.00	26.01 2.02 0.00	27.47 2.21 0.00	22.46 1.61 -0.37	24.03 1.29 0.00	27.75 1.60 0.00	25.24 1.51 0.00	25.41 1.52 0.00	22.22 1.29 0.00	21.43 1.34 -0.22	23.64 1.40 0.00	34.70 2.03 0.00	28.52 1.87 -0.27	35.20 2.23 -5.75	31.99 2.69 -0.71	38.35 2.81 -4.95	33.47 2.29 -2.42	26.98 1.86 -1.81	27.22 1.53 -1.78
LIPA_MISC_IPP 23656	23.07 1.19 -0.65	22.20 1.17 0.00	23.06 1.08 0.00	22.50 1.03 0.00	22.68 0.98 0.00	25.04 1.29 0.00	47.57 2.02 -21.56	27.35 2.09 0.00	22.28 1.44 -0.37	15.23 1.01 8.53	7.61 1.27 19.80	18.71 1.24 6.26	9.81 1.22 15.31	10.96 1.03 10.99	19.50 1.14 1.52	22.53 1.16 0.87	21.08 1.65 13.24	24.49 1.61 3.50	31.71 2.02 -2.46	31.63 2.55 -0.48	35.36 2.65 -2.12	31.79 2.00 -1.04	25.73 1.67 -0.74	26.03 1.39 -0.73
LISF____SOLAR 323691	23.12 1.24 -0.66	22.23 1.20 0.00	23.09 1.12 0.00	22.53 1.06 0.00	22.71 1.01 0.00	25.08 1.33 0.00	50.19 2.08 -24.13	27.40 2.13 0.00	22.31 1.47 -0.37	14.22 1.03 9.54	5.27 1.28 22.16	17.98 1.26 7.01	7.98 1.21 17.13	9.66 1.04 12.30	19.32 1.17 1.72	22.45 1.19 0.98	19.53 1.69 14.82	24.10 1.65 3.93	31.79 2.07 -2.49	31.71 2.63 -0.48	35.45 2.71 -2.15	31.85 2.05 -1.05	25.78 1.72 -0.75	26.09 1.43 -0.74
LITTLE FALLS____HYD 24013	21.11 -0.10 0.00	20.98 -0.05 0.00	21.96 -0.02 0.00	21.47 0.01 0.00	21.67 -0.02 0.00	23.73 -0.01 0.00	24.41 0.42 0.00	25.88 0.62 0.00	20.97 0.49 0.00	22.85 0.11 0.00	26.04 -0.10 0.00	23.58 -0.15 0.00	23.88 -0.02 0.00	20.75 -0.18 0.00	19.81 -0.06 0.00	22.20 -0.03 0.00	32.60 -0.07 0.00	26.47 0.09 0.00	29.72 0.30 -2.19	32.43 0.52 -3.32	33.05 0.51 -1.95	29.30 0.37 -0.17	23.42 0.11 0.00	23.68 -0.24 0.00
LITTLRIV_115KV_TB1 356100	21.07 -0.15 0.00	20.87 -0.16 0.00	21.84 -0.14 0.00	21.35 -0.12 0.00	21.61 -0.09 0.00	23.59 -0.15 0.00	23.67 -0.32 0.00	24.75 -0.51 0.00	19.96 -0.52 0.00	22.36 -0.37 0.00	25.89 -0.26 0.00	23.48 -0.25 0.00	23.53 -0.37 0.00	20.58 -0.34 0.00	19.56 -0.32 0.00	21.94 -0.30 0.00	32.30 -0.37 0.00	25.89 -0.49 0.00	17.67 -0.75 8.80	14.42 -0.85 13.33	21.84 -0.91 7.84	27.31 -0.76 0.69	22.68 -0.63 0.00	23.36 -0.55 0.00

LI_NEWBRDGE___DRP 323616	22.24 1.03 0.00	21.98 0.95 0.00	22.88 0.90 0.00	22.33 0.87 0.00	22.52 0.83 0.00	24.85 1.11 0.00	25.59 1.60 0.00	27.06 1.80 0.00	22.16 1.32 -0.37	23.75 1.02 0.00	27.39 1.25 0.00	24.93 1.20 0.00	25.11 1.21 0.00	21.94 1.02 0.00	21.13 1.04 -0.22	23.31 1.07 0.00	34.20 1.53 0.00	27.85 1.46 0.00	29.71 1.74 -0.74	31.05 2.10 -0.36	33.45 2.22 -0.64	30.83 1.78 -0.30	24.76 1.45 0.00	25.04 1.13 0.00
LOCKPORT_115KV_TB60_63_64 80432	19.53 -1.68 0.00	19.28 -1.76 0.00	20.12 -1.85 0.00	19.58 -1.89 0.00	19.98 -1.72 0.00	22.01 -1.74 0.00	21.81 -2.18 0.00	22.61 -2.65 0.00	18.55 -1.93 0.00	20.74 -2.00 0.00	23.86 -2.28 0.00	21.67 -2.06 0.00	21.77 -2.13 0.00	19.13 -1.80 0.00	58.81 -2.08 -41.01	20.37 -1.87 0.00	30.05 -2.61 0.00	23.96 -2.42 0.00	24.59 -2.64 0.00	25.91 -2.69 0.00	28.05 -2.55 0.00	26.43 -2.32 0.00	21.70 -1.61 0.00	22.89 -1.02 0.00
LOCKPORT___CC1 323769	19.50 -1.71 0.00	19.26 -1.77 0.00	20.11 -1.87 0.00	19.56 -1.91 0.00	19.96 -1.73 0.00	21.98 -1.77 0.00	21.78 -2.20 0.00	22.58 -2.69 0.00	18.51 -1.96 0.00	20.71 -2.03 0.00	23.84 -2.30 0.00	20.89 -2.10 0.75	21.76 -2.14 0.00	19.12 -1.81 0.00	58.10 -2.13 -40.36	20.35 -1.89 0.00	30.00 -2.64 0.03	23.02 -2.44 0.92	22.58 -2.63 2.02	25.52 -2.73 0.34	27.80 -2.58 0.22	25.96 -2.35 0.44	19.90 -1.65 1.77	22.19 -1.03 0.70
LOCKPORT___CC2 323770	19.50 -1.71 0.00	19.26 -1.77 0.00	20.11 -1.87 0.00	19.56 -1.91 0.00	19.96 -1.73 0.00	21.98 -1.77 0.00	21.78 -2.20 0.00	22.58 -2.69 0.00	18.51 -1.96 0.00	20.71 -2.03 0.00	23.84 -2.30 0.00	20.89 -2.10 0.75	21.76 -2.14 0.00	19.12 -1.81 0.00	58.10 -2.13 -40.36	20.35 -1.89 0.00	30.00 -2.64 0.03	23.02 -2.44 0.92	22.58 -2.63 2.02	25.52 -2.73 0.34	27.80 -2.58 0.22	25.96 -2.35 0.44	19.90 -1.65 1.77	22.19 -1.03 0.70
LOCKPORT___CC3 323771	19.50 -1.71 0.00	19.26 -1.77 0.00	20.11 -1.87 0.00	19.56 -1.91 0.00	19.96 -1.73 0.00	21.98 -1.77 0.00	21.78 -2.20 0.00	22.58 -2.69 0.00	18.51 -1.96 0.00	20.71 -2.03 0.00	23.84 -2.30 0.00	20.89 -2.10 0.75	21.76 -2.14 0.00	19.12 -1.81 0.00	58.10 -2.13 -40.36	20.35 -1.89 0.00	30.00 -2.64 0.03	23.02 -2.44 0.92	22.58 -2.63 2.02	25.52 -2.73 0.34	27.80 -2.58 0.22	25.96 -2.35 0.44	19.90 -1.65 1.77	22.19 -1.03 0.70
LONG_LAKE_PHOENIX 24014	20.69 -0.53 0.00	20.49 -0.54 0.00	21.42 -0.56 0.00	20.92 -0.55 0.00	21.18 -0.52 0.00	23.23 -0.51 0.00	23.48 -0.51 0.00	24.74 -0.52 0.00	20.08 -0.40 0.00	22.23 -0.51 0.00	25.52 -0.63 0.00	23.08 -0.65 0.00	23.24 -0.66 0.00	20.40 -0.52 0.00	19.32 -0.55 0.00	21.69 -0.54 0.00	31.81 -0.85 0.00	25.78 -0.60 0.00	25.09 -0.58 1.57	25.69 -0.54 2.37	28.65 -0.55 1.40	28.05 -0.58 0.12	22.85 -0.46 0.00	23.64 -0.27 0.00
LOVETT___3 23632	22.01 0.79 0.00	21.75 0.72 0.00	22.67 0.69 0.00	22.15 0.68 0.00	22.36 0.67 0.00	24.67 0.92 0.00	25.29 1.30 0.00	26.78 1.52 0.00	21.98 1.15 -0.36	23.66 0.93 0.00	27.17 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.34 0.76 0.30	23.04 0.80 0.00	33.76 1.10 0.00	27.45 1.08 0.00	28.53 1.31 0.00	30.18 1.59 0.00	32.31 1.71 0.00	30.13 1.38 0.00	24.40 1.09 0.00	24.69 0.77 0.00
LOVETT___4 23642	22.01 0.79 0.00	21.75 0.72 0.00	22.67 0.69 0.00	22.15 0.68 0.00	22.36 0.67 0.00	24.67 0.92 0.00	25.29 1.30 0.00	26.78 1.52 0.00	21.98 1.15 -0.36	23.66 0.93 0.00	27.17 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.34 0.76 0.30	23.04 0.80 0.00	33.76 1.10 0.00	27.45 1.08 0.00	28.53 1.31 0.00	30.18 1.59 0.00	32.31 1.71 0.00	30.13 1.38 0.00	24.40 1.09 0.00	24.69 0.77 0.00
LOVETT___5 23593	22.01 0.79 0.00	21.75 0.72 0.00	22.67 0.69 0.00	22.15 0.68 0.00	22.36 0.67 0.00	24.67 0.92 0.00	25.29 1.30 0.00	26.78 1.52 0.00	21.98 1.15 -0.36	23.66 0.93 0.00	27.17 1.02 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.34 0.76 0.30	23.04 0.80 0.00	33.76 1.10 0.00	27.45 1.08 0.00	28.53 1.31 0.00	30.18 1.59 0.00	32.31 1.71 0.00	30.13 1.38 0.00	24.40 1.09 0.00	24.69 0.77 0.00
LOWER RAQUET___HYD 24057	20.65 -0.57 0.00	20.46 -0.57 0.00	21.42 -0.56 0.00	20.95 -0.52 0.00	21.18 -0.51 0.00	23.11 -0.63 0.00	23.18 -0.81 0.00	24.23 -1.03 0.00	19.54 -0.93 0.00	21.96 -0.77 0.00	25.49 -0.66 0.00	23.10 -0.63 0.00	23.16 -0.74 0.00	20.26 -0.67 0.00	19.27 -0.61 0.00	21.54 -0.70 0.00	31.64 -1.03 0.00	25.32 -1.06 0.00	16.52 -1.35 9.36	12.93 -1.50 14.17	20.64 -1.61 8.34	26.63 -1.39 0.73	22.18 -1.13 0.00	22.86 -1.06 0.00
LOWER___HUDSON 24059	21.74 0.52 0.00	21.65 0.62 0.00	22.61 0.63 0.00	22.09 0.62 0.00	22.32 0.62 0.00	24.39 0.65 0.00	24.94 0.96 0.00	26.43 1.17 0.00	24.96 0.97 -3.52	23.52 0.79 0.00	26.89 0.74 0.00	24.44 0.71 0.00	24.58 0.68 0.00	21.46 0.54 0.00	20.41 0.54 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.27 0.89 0.00	28.28 1.06 0.00	29.78 1.19 0.00	31.82 1.23 0.00	29.83 1.08 0.00	24.06 0.75 0.00	24.45 0.54 0.00
LOWVILLE_115KV_TB2 356335	20.39 -0.82 0.00	20.23 -0.79 0.00	21.22 -0.76 0.00	20.76 -0.70 0.00	21.00 -0.69 0.00	23.03 -0.71 0.00	23.40 -0.59 0.00	24.83 -0.43 0.00	20.07 -0.41 0.00	22.11 -0.62 0.00	25.50 -0.64 0.00	22.99 -0.74 0.00	22.81 -1.09 0.00	19.88 -1.04 0.00	19.00 -0.87 0.00	21.33 -0.91 0.00	31.46 -1.21 0.00	25.24 -1.14 0.00	63.75 -1.30 -37.83	84.60 -1.26 -57.26	62.94 -1.35 -33.70	30.34 -1.35 -2.94	22.25 -1.06 0.00	22.93 -0.99 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.00 0.79 0.00	21.88 0.85 0.00	22.85 0.88 0.00	22.33 0.87 0.00	22.58 0.89 0.00	24.77 1.02 0.00	25.31 1.32 0.00	26.78 1.51 0.00	25.81 1.21 -4.13	23.80 1.06 0.00	27.18 1.04 0.00	24.65 0.92 0.00	24.80 0.90 0.00	21.67 0.75 0.00	20.60 0.73 0.00	23.04 0.80 0.00	33.95 1.28 0.00	27.62 1.24 0.00	28.63 1.41 0.00	30.14 1.55 0.00	32.21 1.61 0.00	30.14 1.39 0.00	24.29 0.98 0.00	24.71 0.79 0.00
LUTHERNY_35_KV_BK2 355980	22.02 0.80 0.00	21.89 0.86 0.00	22.86 0.88 0.00	22.34 0.88 0.00	22.59 0.90 0.00	24.77 1.03 0.00	25.33 1.34 0.00	26.79 1.53 0.00	25.82 1.22 -4.13	23.82 1.08 0.00	27.19 1.05 0.00	24.66 0.93 0.00	24.81 0.91 0.00	21.67 0.75 0.00	20.61 0.74 0.00	23.05 0.81 0.00	33.98 1.31 0.00	27.63 1.25 0.00	28.66 1.43 0.00	30.17 1.58 0.00	32.23 1.64 0.00	30.16 1.41 0.00	24.30 0.99 0.00	24.73 0.81 0.00
LWR___OSWEGATCHIE_HYD 23850	20.27 -0.94 0.00	20.10 -0.93 0.00	21.04 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.73 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.84 -1.03 0.00	21.11 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.46 0.00	22.61 -1.31 0.00

LYONS_FALL_HYD 23570	20.88 -0.34 0.00	20.70 -0.33 0.00	21.68 -0.30 0.00	21.20 -0.27 0.00	21.44 -0.25 0.00	23.53 -0.22 0.00	23.91 -0.08 0.00	25.33 0.07 0.00	20.49 0.01 0.00	22.60 -0.14 0.00	25.99 -0.16 0.00	23.46 -0.27 0.00	23.40 -0.49 0.00	20.43 -0.49 0.00	19.47 -0.40 0.00	21.84 -0.40 0.00	32.22 -0.45 0.00	25.96 -0.42 0.00	26.75 -0.48 0.00	28.18 -0.42 0.00	30.15 -0.44 0.00	28.25 -0.50 0.00	22.89 -0.42 0.00	23.53 -0.39 0.00
MADISON___COUNTY_LFGE 323628	21.52 0.30 0.00	21.33 0.30 0.00	22.31 0.33 0.00	21.78 0.32 0.00	22.05 0.36 0.00	24.23 0.49 0.00	24.68 0.69 0.00	26.14 0.87 0.00	21.17 0.69 0.00	23.32 0.58 0.00	26.72 0.58 0.00	24.13 0.40 0.00	24.24 0.34 0.00	21.20 0.27 0.00	20.13 0.25 0.00	22.60 0.36 0.00	33.37 0.70 0.00	27.06 0.68 0.00	33.09 0.76 -5.11	37.18 0.86 -7.73	36.12 0.97 -4.55	29.95 0.80 -0.40	23.86 0.55 0.00	24.45 0.54 0.00
MALONE___115KV_TB1 356076	21.45 0.24 0.00	21.25 0.22 0.00	22.26 0.28 0.00	21.87 0.40 0.00	22.15 0.46 0.00	24.24 0.49 0.00	24.31 0.32 0.00	24.95 -0.31 0.00	19.88 -0.60 0.00	22.65 -0.09 0.00	26.71 0.57 0.00	24.14 0.41 0.00	24.27 0.37 0.00	21.30 0.37 0.00	20.26 0.39 0.00	22.48 0.24 0.00	32.60 -0.07 0.00	26.05 -0.33 0.00	21.26 -0.81 5.16	19.78 -1.02 7.80	24.94 -1.06 4.59	27.61 -0.74 0.40	22.63 -0.68 0.00	23.37 -0.54 0.00
MAPLEWOD_115KV_TB3 80458	21.90 0.69 0.00	21.78 0.74 0.00	22.74 0.76 0.00	22.22 0.76 0.00	22.45 0.75 0.00	24.53 0.79 0.00	25.08 1.10 0.00	26.59 1.32 0.00	24.49 1.10 -2.92	23.68 0.94 0.00	27.05 0.91 0.00	24.58 0.85 0.00	24.73 0.83 0.00	21.58 0.66 0.00	20.54 0.67 0.00	23.00 0.76 0.00	33.83 1.17 0.00	27.48 1.10 0.00	28.48 1.25 0.00	29.98 1.39 0.00	32.04 1.45 0.00	30.03 1.28 0.00	24.24 0.92 0.00	24.63 0.71 0.00
MAPLE RIDGE_WT_1 323574	20.62 -0.60 0.00	20.51 -0.52 0.00	21.53 -0.44 0.00	21.00 -0.47 0.00	21.14 -0.56 0.00	23.06 -0.68 0.00	23.17 -0.82 0.00	24.32 -0.94 0.00	19.70 -0.78 0.00	22.05 -0.69 0.00	25.49 -0.65 0.00	23.29 -0.44 0.00	23.31 -0.59 0.00	20.55 -0.37 0.00	19.56 -0.32 0.00	21.83 -0.41 0.00	32.32 -0.35 0.00	25.83 -0.55 0.00	26.39 -0.83 0.00	27.53 -1.06 0.00	29.47 -1.13 0.00	27.65 -1.10 0.00	22.44 -0.88 0.00	23.12 -0.79 0.00
MAPLE RIDGE_WT_2 323611	20.62 -0.60 0.00	20.51 -0.52 0.00	21.53 -0.44 0.00	21.00 -0.47 0.00	21.14 -0.56 0.00	23.06 -0.68 0.00	23.17 -0.82 0.00	24.32 -0.94 0.00	19.70 -0.78 0.00	22.05 -0.69 0.00	25.49 -0.65 0.00	23.29 -0.44 0.00	23.31 -0.59 0.00	20.55 -0.37 0.00	19.56 -0.32 0.00	21.83 -0.41 0.00	32.32 -0.35 0.00	25.83 -0.55 0.00	26.39 -0.83 0.00	27.53 -1.06 0.00	29.47 -1.13 0.00	27.65 -1.10 0.00	22.44 -0.88 0.00	23.12 -0.79 0.00
MARBLE_RIVER_WT_PWR 323696	21.36 0.14 0.00	21.14 0.11 0.00	22.14 0.16 0.00	21.78 0.32 0.00	22.07 0.38 0.00	24.16 0.42 0.00	24.21 0.23 0.00	24.59 -0.67 0.00	19.53 -0.94 0.00	22.36 -0.38 0.00	26.67 0.52 0.00	24.15 0.42 0.00	24.31 0.41 0.00	21.35 0.43 0.00	20.34 0.47 0.00	22.46 0.22 0.00	32.40 -0.26 0.00	25.86 -0.52 0.00	23.05 -1.07 3.11	22.56 -1.33 4.70	26.37 -1.45 2.77	27.44 -1.07 0.24	22.39 -0.92 0.00	23.14 -0.78 0.00
MARSHVLE_115KV_TB1 80742	22.25 1.04 0.00	21.95 0.92 0.00	22.92 0.94 0.00	22.42 0.96 0.00	22.70 1.01 0.00	25.01 1.27 0.00	25.15 1.16 0.00	26.45 1.19 0.00	24.99 0.88 -3.63	23.80 1.07 0.00	27.37 1.22 0.00	24.63 0.90 0.00	24.96 1.07 0.00	21.79 0.87 0.00	20.65 0.77 0.00	23.25 1.01 0.00	34.12 1.46 0.00	27.64 1.26 0.00	28.50 1.28 0.00	29.96 1.37 0.00	32.06 1.46 0.00	30.04 1.29 0.00	24.36 1.04 0.00	25.17 1.26 0.00
MARSH_HILL_WT_PWR 323713	19.54 -1.90 -0.22	20.13 -1.16 -0.26	20.52 -1.67 -0.22	20.11 -1.55 -0.20	20.76 -1.21 -0.27	22.12 -1.65 -0.03	22.49 -1.50 0.00	23.66 -1.61 0.00	19.33 -1.25 -0.11	21.54 -1.20 0.00	24.56 -1.59 0.00	22.35 -1.78 -0.40	22.54 -1.36 0.00	20.04 -0.88 0.00	19.01 -0.87 0.00	21.33 -0.91 0.00	31.36 -1.31 -0.01	25.67 -1.19 -0.48	27.31 -0.97 -1.06	27.66 -1.11 -0.18	29.28 -1.43 -0.11	27.19 -1.80 -0.23	22.95 -1.29 -0.93	23.43 -0.86 -0.37
MCINTYRE_115KV_TB2 80467	21.38 0.17 0.00	21.19 0.16 0.00	22.16 0.19 0.00	21.66 0.20 0.00	21.92 0.22 0.00	23.94 0.20 0.00	24.01 0.02 0.00	25.12 -0.14 0.00	20.25 -0.23 0.00	22.63 -0.10 0.00	26.16 0.02 0.00	23.75 0.02 0.00	23.81 -0.09 0.00	20.83 -0.09 0.00	19.78 -0.09 0.00	22.21 -0.03 0.00	32.79 0.12 0.00	26.29 -0.09 0.00	19.00 -0.31 7.91	16.24 -0.37 11.98	23.14 -0.40 7.05	27.86 -0.28 0.62	23.08 -0.24 0.00	23.75 -0.17 0.00
MECO___69_KV_BK1 80468	23.22 2.00 0.00	22.91 1.88 0.00	23.90 1.92 0.00	23.37 1.91 0.00	23.72 2.02 0.00	26.21 2.47 0.00	26.61 2.63 0.00	28.03 2.76 0.00	26.44 2.05 -3.91	24.96 2.22 0.00	28.44 2.29 0.00	25.40 1.67 0.00	25.64 1.74 0.00	22.20 1.28 0.00	21.13 1.25 0.00	24.09 1.85 0.00	35.33 2.66 0.00	29.07 2.69 0.00	30.17 2.94 0.00	31.80 3.21 0.00	33.99 3.39 0.00	31.76 3.01 0.00	25.61 2.30 0.00	26.31 2.40 0.00
MENANDS___115KV_TB5 355628	21.89 0.67 0.00	21.77 0.73 0.00	22.73 0.75 0.00	22.21 0.74 0.00	22.43 0.73 0.00	24.50 0.76 0.00	25.06 1.07 0.00	26.56 1.30 0.00	24.36 1.08 -2.81	23.66 0.92 0.00	27.05 0.91 0.00	24.58 0.85 0.00	24.73 0.84 0.00	21.59 0.67 0.00	20.54 0.67 0.00	23.00 0.76 0.00	33.80 1.14 0.00	27.44 1.06 0.00	28.45 1.23 0.00	29.96 1.36 0.00	32.01 1.42 0.00	30.01 1.26 0.00	24.22 0.90 0.00	24.60 0.69 0.00
MG INDUSTRY___DRP 24185	21.79 0.57 0.00	21.65 0.62 0.00	22.62 0.64 0.00	22.10 0.64 0.00	22.33 0.64 0.00	24.40 0.66 0.00	24.93 0.94 0.00	26.40 1.14 0.00	23.19 0.92 -1.80	23.53 0.80 0.00	26.91 0.77 0.00	24.43 0.69 0.00	24.61 0.71 0.00	21.51 0.58 0.00	20.46 0.59 0.00	22.90 0.66 0.00	33.67 1.00 0.00	27.32 0.94 0.00	28.30 1.07 0.00	29.80 1.21 0.00	31.85 1.25 0.00	29.85 1.10 0.00	24.13 0.81 0.00	24.57 0.65 0.00
MID___OSWEGATCHIE_HYD 23849	20.27 -0.94 0.00	20.10 -0.93 0.00	21.04 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.73 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.84 -1.03 0.00	21.11 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.46 0.00	22.61 -1.31 0.00
MID___RAQUETTE_HYD 23851	20.65 -0.57 0.00	20.46 -0.57 0.00	21.42 -0.56 0.00	20.95 -0.52 0.00	21.18 -0.51 0.00	23.11 -0.63 0.00	23.18 -0.81 0.00	24.23 -1.03 0.00	19.54 -0.93 0.00	21.96 -0.77 0.00	25.48 -0.66 0.00	23.10 -0.64 0.00	23.16 -0.73 0.00	20.26 -0.67 0.00	19.26 -0.61 0.00	21.55 -0.70 0.00	31.64 -1.03 0.00	25.32 -1.06 0.00	16.52 -1.35 9.36	12.93 -1.50 14.17	20.65 -1.61 8.34	26.63 -1.39 0.73	22.18 -1.13 0.00	22.86 -1.05 0.00

MILLIKEN___1 23584	21.27 0.05 0.00	21.05 0.02 0.00	22.02 0.04 0.00	21.48 0.02 0.00	21.73 0.04 0.00	23.95 0.21 0.00	24.30 0.31 0.00	25.51 0.24 0.00	20.78 0.19 -0.12	22.83 0.09 0.00	26.17 0.03 0.00	23.65 -0.08 0.00	23.90 0.01 0.00	20.91 -0.02 0.00	-25.22 -0.06 45.04	22.27 0.03 0.00	32.86 0.19 0.00	26.59 0.20 0.00	27.49 0.27 0.00	29.00 0.40 0.00	31.06 0.47 0.00	28.99 0.23 0.00	23.51 0.19 0.00	24.20 0.29 0.00
MILLIKEN___2 23585	21.27 0.05 0.00	21.05 0.02 0.00	22.02 0.04 0.00	21.48 0.02 0.00	21.73 0.04 0.00	23.95 0.21 0.00	24.30 0.31 0.00	25.51 0.24 0.00	20.78 0.19 -0.12	22.83 0.09 0.00	26.17 0.03 0.00	23.65 -0.08 0.00	23.90 0.01 0.00	20.91 -0.02 0.00	-25.22 -0.06 45.04	22.27 0.03 0.00	32.86 0.19 0.00	26.59 0.20 0.00	27.49 0.27 0.00	29.00 0.40 0.00	31.06 0.47 0.00	28.99 0.23 0.00	23.51 0.19 0.00	24.20 0.29 0.00
MILLIKEN___DIESEL 23629	21.27 0.05 0.00	21.05 0.02 0.00	22.02 0.04 0.00	21.48 0.02 0.00	21.73 0.04 0.00	23.95 0.21 0.00	24.30 0.31 0.00	25.51 0.24 0.00	20.78 0.19 -0.12	22.83 0.09 0.00	26.17 0.03 0.00	23.65 -0.08 0.00	23.90 0.01 0.00	20.91 -0.02 0.00	-25.22 -0.06 45.04	22.27 0.03 0.00	32.86 0.19 0.00	26.59 0.20 0.00	27.49 0.27 0.00	29.00 0.40 0.00	31.06 0.47 0.00	28.99 0.23 0.00	23.51 0.19 0.00	24.20 0.29 0.00
MILLSEAT___LFGE 323607	19.93 -1.29 0.00	19.68 -1.35 0.00	20.55 -1.43 0.00	19.99 -1.48 0.00	20.40 -1.29 0.00	22.50 -1.25 0.00	22.39 -1.60 0.00	23.29 -1.98 0.00	19.08 -1.40 0.00	21.26 -1.47 0.00	24.43 -1.71 0.00	21.41 -1.65 0.67	22.21 -1.69 0.00	19.54 -1.38 0.00	61.77 -1.70 -43.60	20.83 -1.40 0.00	30.72 -1.93 0.02	23.76 -1.79 0.83	23.46 -1.94 1.82	26.30 -1.98 0.31	28.59 -1.81 0.19	26.67 -1.68 0.40	20.56 -1.16 1.59	22.69 -0.60 0.63
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.00 0.78 0.00	21.75 0.72 0.00	22.68 0.70 0.00	22.15 0.68 0.00	22.37 0.67 0.00	24.66 0.92 0.00	25.30 1.32 0.00	26.81 1.54 0.00	22.03 1.18 -0.37	23.69 0.95 0.00	27.20 1.06 0.00	24.74 1.01 0.00	24.90 1.01 0.00	21.76 0.84 0.00	20.92 0.80 -0.25	23.07 0.83 0.00	33.86 1.19 0.00	27.55 1.17 0.00	28.62 1.39 0.00	30.26 1.66 0.00	32.38 1.78 0.00	30.20 1.45 0.00	24.45 1.13 0.00	24.72 0.81 0.00
MILLWOOD_13_KV_LOAD 356217	22.05 0.83 0.00	21.80 0.77 0.00	22.73 0.75 0.00	22.20 0.73 0.00	22.42 0.72 0.00	24.72 0.98 0.00	25.37 1.38 0.00	26.87 1.60 0.00	22.09 1.24 -0.37	23.75 1.01 0.00	27.26 1.12 0.00	24.80 1.06 0.00	24.96 1.06 0.00	21.80 0.88 0.00	20.97 0.85 -0.25	23.12 0.88 0.00	33.95 1.28 0.00	27.61 1.23 0.00	28.70 1.47 0.00	30.34 1.74 0.00	32.46 1.87 0.00	30.28 1.52 0.00	24.50 1.19 0.00	24.78 0.87 0.00
MODEL_CITY_ENERGY 24167	19.33 -1.89 0.00	19.07 -1.96 0.00	19.91 -2.06 0.00	19.37 -2.09 0.00	19.77 -1.93 0.00	21.76 -1.98 0.00	21.54 -2.45 0.00	22.31 -2.95 0.00	18.30 -2.18 0.00	20.47 -2.27 0.00	23.56 -2.58 0.00	20.61 -2.34 0.78	21.52 -2.38 0.00	18.90 -2.02 0.00	56.63 -2.34 -39.10	20.12 -2.12 0.00	29.65 -2.99 0.03	22.71 -2.72 0.96	22.20 -2.93 2.11	25.19 -3.04 0.36	27.45 -2.91 0.23	25.63 -2.66 0.46	19.60 -1.87 1.84	21.94 -1.24 0.73
MODERN_LFGE___ 323580	19.33 -1.89 0.00	19.07 -1.96 0.00	19.91 -2.06 0.00	19.37 -2.09 0.00	19.77 -1.93 0.00	21.76 -1.98 0.00	21.54 -2.45 0.00	22.31 -2.95 0.00	18.30 -2.18 0.00	20.47 -2.27 0.00	23.56 -2.58 0.00	20.61 -2.34 0.78	21.52 -2.38 0.00	18.90 -2.02 0.00	56.63 -2.34 -39.10	20.12 -2.12 0.00	29.65 -2.99 0.03	22.71 -2.72 0.96	22.20 -2.93 2.11	25.19 -3.04 0.36	27.45 -2.91 0.23	25.63 -2.66 0.46	19.60 -1.87 1.84	21.94 -1.24 0.73
MOHAWK_PAPER___DRP 24187	21.90 0.69 0.00	21.78 0.74 0.00	22.74 0.76 0.00	22.22 0.76 0.00	22.45 0.75 0.00	24.53 0.79 0.00	25.08 1.10 0.00	26.59 1.32 0.00	24.49 1.10 -2.92	23.68 0.94 0.00	27.05 0.91 0.00	24.58 0.85 0.00	24.73 0.83 0.00	21.58 0.66 0.00	20.54 0.67 0.00	23.00 0.76 0.00	33.83 1.17 0.00	27.48 1.10 0.00	28.48 1.25 0.00	29.98 1.39 0.00	32.04 1.45 0.00	30.03 1.28 0.00	24.24 0.92 0.00	24.63 0.71 0.00
MOHICAN__35_KV_115KV_LD 80490	22.12 0.91 0.00	22.04 1.01 0.00	23.01 1.03 0.00	22.50 1.03 0.00	22.77 1.07 0.00	25.06 1.32 0.00	25.70 1.72 0.00	27.22 1.96 0.00	26.16 1.53 -4.16	24.06 1.33 0.00	27.39 1.24 0.00	24.84 1.10 0.00	24.96 1.07 0.00	21.80 0.88 0.00	20.70 0.83 0.00	23.11 0.87 0.00	34.10 1.43 0.00	27.86 1.48 0.00	28.93 1.70 0.00	30.41 1.82 0.00	32.46 1.86 0.00	30.30 1.55 0.00	24.33 1.02 0.00	24.72 0.80 0.00
MONGAUP___HYD 23641	21.99 0.77 0.00	21.65 0.62 0.00	22.57 0.59 0.00	22.06 0.59 0.00	22.25 0.56 0.00	24.32 0.58 0.00	24.94 0.96 0.00	26.40 1.13 0.00	21.66 0.85 -0.34	23.33 0.59 0.00	26.67 0.53 0.00	24.10 0.37 0.00	24.21 0.31 0.00	21.26 0.34 0.00	20.10 0.39 0.16	22.65 0.41 0.00	33.18 0.51 0.00	27.11 0.73 0.00	28.20 0.98 0.00	29.87 1.28 0.00	31.98 1.38 0.00	29.82 1.08 0.00	24.13 0.82 0.00	24.49 0.57 0.00
MONTAUK___DIESEL 23721	23.22 1.34 -0.66	22.36 1.33 0.00	23.21 1.23 0.00	22.66 1.19 0.00	22.85 1.16 0.00	25.25 1.51 0.00	48.14 2.34 -21.81	27.30 2.03 0.00	22.50 1.66 -0.37	15.33 1.21 8.62	7.68 1.56 20.03	18.98 1.59 6.34	10.10 1.69 15.49	11.08 1.28 11.12	19.61 1.27 1.54	22.63 1.28 0.88	21.14 1.87 13.39	24.67 1.83 3.54	32.02 2.31 -2.48	32.02 2.94 -0.48	35.75 3.03 -2.13	32.07 2.28 -1.04	25.93 1.87 -0.75	26.32 1.67 -0.73
MOONROAD_115KV_HARTFLD_TB1-2 355988	19.37 -1.84 0.00	18.98 -2.05 0.00	20.32 -1.65 0.00	19.71 -1.75 0.00	19.71 -1.98 0.00	22.11 -1.63 0.00	22.53 -1.46 0.00	22.80 -2.46 0.00	18.73 -1.75 0.00	20.99 -1.75 0.00	24.24 -1.91 0.00	21.87 -1.86 0.00	22.10 -1.79 0.00	19.36 -1.57 0.00	18.10 -1.77 0.00	20.75 -1.49 0.00	30.46 -2.21 0.00	24.30 -2.08 0.00	25.00 -2.23 0.00	26.34 -2.25 0.00	28.62 -1.98 0.00	26.71 -2.04 0.00	21.90 -1.41 0.00	23.41 -0.51 0.00
MORTIMER_115KV_TB3 55949	20.25 -0.96 0.00	20.03 -1.00 0.00	20.91 -1.06 0.00	20.38 -1.09 0.00	20.74 -0.96 0.00	22.80 -0.94 0.00	22.86 -1.12 0.00	23.93 -1.34 0.00	19.53 -0.95 0.00	21.72 -1.02 0.00	24.93 -1.21 0.00	22.60 -1.13 0.00	22.72 -1.17 0.00	19.97 -0.95 0.00	74.68 -1.12 -55.93	21.25 -0.99 0.00	31.31 -1.36 0.00	25.09 -1.29 0.00	25.81 -1.42 0.00	27.24 -1.36 0.00	29.35 -1.25 0.00	27.53 -1.22 0.00	22.45 -0.87 0.00	23.41 -0.50 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.11 0.90 0.00	21.85 0.82 0.00	22.78 0.80 0.00	22.25 0.78 0.00	22.47 0.78 0.00	24.80 1.06 0.00	25.47 1.48 0.00	26.98 1.72 0.00	22.17 1.33 -0.37	23.83 1.09 0.00	27.37 1.23 0.00	24.91 1.18 0.00	25.07 1.17 0.00	21.90 0.98 0.00	21.04 0.95 -0.21	23.21 0.98 0.00	34.05 1.38 0.00	27.69 1.31 0.00	28.75 1.53 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.24 0.00	24.81 0.90 0.00

MUNSVILLE_WIND_PWR 323609	22.19 0.97 0.00	21.74 0.71 0.00	23.17 1.20 0.00	22.47 1.00 0.00	22.72 1.03 0.00	25.38 1.64 0.00	25.57 1.58 0.00	26.92 1.66 0.00	21.82 1.08 -0.27	23.83 1.10 0.00	27.60 1.45 0.00	25.16 1.26 -0.17	25.30 1.40 0.00	22.21 1.29 0.00	20.95 1.08 0.00	23.39 1.15 0.00	34.42 1.75 -0.01	28.11 1.53 -0.20	29.12 1.45 -0.44	30.17 1.50 -0.07	32.46 1.81 -0.05	30.01 1.16 -0.10	24.49 0.78 -0.40	24.90 0.82 -0.16
N SALMON___HYD 24042	21.45 0.24 0.00	21.25 0.22 0.00	22.26 0.28 0.00	21.87 0.40 0.00	22.15 0.46 0.00	24.24 0.50 0.00	24.31 0.32 0.00	24.96 -0.31 0.00	19.88 -0.60 0.00	22.65 -0.09 0.00	26.71 0.57 0.00	24.14 0.41 0.00	24.27 0.37 0.00	21.30 0.37 0.00	20.26 0.39 0.00	22.48 0.24 0.00	32.60 -0.07 0.00	26.05 -0.33 0.00	21.25 -0.81 5.16	19.78 -1.01 7.80	24.94 -1.06 4.59	27.61 -0.74 0.40	22.63 -0.68 0.00	23.37 -0.55 0.00
N.AKRON__115KV_KNAPP 355671	19.93 -1.29 0.00	19.67 -1.36 0.00	20.54 -1.44 0.00	19.99 -1.48 0.00	20.40 -1.30 0.00	22.49 -1.25 0.00	22.38 -1.61 0.00	23.27 -2.00 0.00	19.07 -1.41 0.00	21.26 -1.47 0.00	24.44 -1.71 0.00	22.11 -1.62 0.00	22.22 -1.68 0.00	19.54 -1.38 0.00	61.23 -1.66 -43.01	20.83 -1.41 0.00	30.74 -1.92 0.00	24.57 -1.81 0.00	25.23 -1.99 0.00	26.61 -1.99 0.00	28.78 -1.81 0.00	27.06 -1.69 0.00	22.16 -1.16 0.00	23.31 -0.61 0.00
N.BELMOR_69_KV_BK1 55787	26.09 1.20 -3.67	22.16 1.12 0.00	23.06 1.08 0.00	22.51 1.04 0.00	22.69 1.00 0.00	25.06 1.32 0.00	25.81 1.82 0.00	27.29 2.03 0.00	22.33 1.48 -0.37	23.93 1.20 0.00	27.60 1.45 0.00	25.10 1.37 0.00	25.29 1.40 0.00	22.10 1.18 0.00	21.29 1.20 -0.22	23.48 1.24 0.00	34.48 1.81 0.00	28.69 1.69 -0.62	42.15 2.01 -12.91	32.20 2.39 -1.22	44.24 2.54 -11.11	36.29 2.09 -5.45	29.15 1.67 -4.17	29.34 1.33 -4.09
N.E_GEN_SANDY PD 24062	21.54 0.47 0.14	21.55 0.52 0.00	22.49 0.51 0.00	21.98 0.51 0.00	22.86 0.49 -0.68	23.71 0.54 0.57	25.32 0.89 -0.45	26.10 1.14 0.31	18.65 0.96 2.78	23.55 0.72 -0.10	26.83 0.69 0.00	24.46 0.73 0.00	24.48 0.70 0.11	21.45 0.53 0.00	20.44 0.52 -0.05	22.57 0.54 0.21	33.48 0.81 0.00	29.24 0.83 -2.03	28.26 1.03 0.00	29.52 1.21 0.28	31.81 1.26 0.04	30.85 1.06 -1.04	23.75 0.73 0.30	24.34 0.45 0.03
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.01 0.80 0.00	21.76 0.73 0.00	22.68 0.70 0.00	22.16 0.69 0.00	22.37 0.68 0.00	24.67 0.93 0.00	25.30 1.31 0.00	26.79 1.53 0.00	21.99 1.16 -0.36	23.67 0.93 0.00	27.18 1.03 0.00	24.71 0.98 0.00	24.87 0.97 0.00	21.74 0.81 0.00	20.35 0.77 0.29	23.05 0.81 0.00	33.83 1.16 0.00	27.51 1.13 0.00	28.59 1.36 0.00	30.24 1.64 0.00	32.37 1.78 0.00	30.19 1.44 0.00	24.45 1.13 0.00	24.73 0.81 0.00
N.QUEENS_27_KV_LOAD 356247	22.15 0.94 0.00	21.92 0.89 0.00	22.84 0.86 0.00	22.31 0.84 0.00	22.53 0.84 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.01 1.75 0.00	22.24 1.40 -0.37	23.87 1.13 0.00	27.42 1.27 0.00	24.97 1.24 0.00	25.14 1.24 0.00	21.97 1.05 0.00	21.14 1.05 -0.22	23.26 1.02 0.00	34.03 1.37 0.00	27.71 1.33 0.00	28.77 1.54 0.00	30.45 1.86 0.00	32.61 2.02 0.00	30.38 1.63 0.00	24.61 1.29 0.00	24.84 0.93 0.00
N.TROY___115KV_TB1 355778	21.74 0.52 0.00	21.65 0.62 0.00	22.61 0.63 0.00	22.09 0.62 0.00	22.32 0.62 0.00	24.39 0.65 0.00	24.94 0.96 0.00	26.43 1.17 0.00	24.96 0.97 -3.52	23.52 0.79 0.00	26.89 0.74 0.00	24.44 0.71 0.00	24.58 0.68 0.00	21.46 0.54 0.00	20.41 0.54 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.27 0.89 0.00	28.28 1.06 0.00	29.78 1.19 0.00	31.82 1.23 0.00	29.83 1.08 0.00	24.06 0.75 0.00	24.45 0.54 0.00
NARROWS_GT1_1 24228	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_2 24229	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_3 24230	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_4 24231	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_5 24232	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_6 24233	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT1_7 24234	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00

NARROWS_GT1_8 24235	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_1 24236	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_2 24237	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_3 24238	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_4 24239	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_5 24240	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_6 24241	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_7 24242	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NARROWS_GT2_8 24243	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.38 1.16 0.00	22.24 1.22 0.00	23.26 1.28 0.00	22.73 1.27 0.00	22.99 1.30 0.00	25.13 1.39 0.00	25.74 1.75 0.00	27.31 2.05 0.00	23.86 1.70 -1.68	24.36 1.62 0.00	27.61 1.47 0.00	24.90 1.17 0.00	25.07 1.17 0.00	21.88 0.96 0.00	20.89 1.02 0.00	23.48 1.24 0.00	34.64 1.97 0.00	28.14 1.76 0.00	29.26 2.03 0.00	30.85 2.26 0.00	32.95 2.35 0.00	30.84 2.09 0.00	24.84 1.53 0.00	25.27 1.35 0.00
NCHELSEA_115KV_TR2 355582	22.07 0.86 0.00	21.83 0.80 0.00	22.77 0.78 0.00	22.25 0.78 0.00	22.46 0.76 0.00	24.75 1.00 0.00	25.37 1.38 0.00	26.86 1.60 0.00	22.13 1.26 -0.39	23.80 1.06 0.00	27.29 1.15 0.00	24.78 1.04 0.00	24.95 1.05 0.00	21.81 0.89 0.00	20.72 0.85 0.00	23.14 0.90 0.00	33.98 1.32 0.00	27.66 1.28 0.00	28.74 1.51 0.00	30.38 1.79 0.00	32.50 1.91 0.00	30.30 1.54 0.00	24.49 1.18 0.00	24.80 0.88 0.00
NEG CAPITAL___MECHNVIL 23645	22.00 0.78 0.00	21.88 0.85 0.00	22.83 0.86 0.00	22.32 0.85 0.00	22.57 0.87 0.00	24.74 1.00 0.00	25.30 1.31 0.00	26.78 1.52 0.00	25.67 1.23 -3.96	23.85 1.11 0.00	27.22 1.08 0.00	24.67 0.94 0.00	24.82 0.92 0.00	21.71 0.79 0.00	20.64 0.76 0.00	23.07 0.83 0.00	33.99 1.33 0.00	27.64 1.26 0.00	28.66 1.43 0.00	30.18 1.59 0.00	32.24 1.65 0.00	30.17 1.42 0.00	24.31 1.00 0.00	24.71 0.80 0.00
NEG CENTRAL_HIGH_ACRES 23767	20.02 -1.19 0.00	19.82 -1.21 0.00	20.70 -1.28 0.00	20.18 -1.28 0.00	20.52 -1.18 0.00	22.57 -1.17 0.00	22.71 -1.28 0.00	23.83 -1.44 0.00	19.41 -1.07 0.00	21.55 -1.19 0.00	24.70 -1.45 0.00	22.09 -1.37 0.27	22.50 -1.40 0.00	19.76 -1.17 0.00	-2149.17 -1.46 2167.59	20.89 -1.35 0.00	30.79 -1.86 0.01	24.44 -1.64 0.30	24.85 -1.71 0.67	27.05 -1.43 0.11	29.16 -1.37 0.07	27.24 -1.38 0.14	21.71 -1.05 0.55	22.94 -0.75 0.22
NEG CENTRAL___DRP 24199	20.72 -0.49 0.00	20.56 -0.47 0.00	21.45 -0.53 0.00	20.95 -0.52 0.00	21.24 -0.45 0.00	23.39 -0.35 0.00	23.71 -0.28 0.00	24.94 -0.32 0.00	20.24 -0.23 0.00	22.41 -0.33 0.00	25.66 -0.49 0.00	23.19 -0.54 0.00	23.40 -0.50 0.00	20.49 -0.43 0.00	19.48 -0.39 0.00	21.92 -0.32 0.00	32.30 -0.37 0.00	26.08 -0.30 0.00	26.98 -0.25 0.00	28.41 -0.18 0.00	30.45 -0.15 0.00	28.42 -0.33 0.00	23.08 -0.23 0.00	23.84 -0.07 0.00
NEG CENTRAL___INDECK 23768	20.70 -0.69 -0.17	20.69 -0.54 -0.20	21.44 -0.70 -0.17	20.92 -0.70 -0.15	21.42 -0.49 -0.21	23.30 -0.47 -0.03	23.56 -0.43 0.00	24.78 -0.49 0.00	20.14 -0.34 0.00	22.36 -0.38 0.00	25.45 -0.70 0.00	22.97 -1.03 -0.27	23.05 -0.85 0.00	20.37 -0.55 0.00	19.20 -0.67 0.00	21.70 -0.54 0.00	32.05 -0.63 -0.01	26.11 -0.59 -0.32	27.50 -0.42 -0.69	28.41 -0.30 -0.12	30.43 -0.23 -0.07	28.47 -0.43 -0.15	23.60 -0.32 -0.61	24.14 -0.01 -0.24

NEG CENTRAL___SENECA 23627	20.59 -0.62 0.00	20.45 -0.58 0.00	21.32 -0.65 0.00	20.83 -0.64 0.00	21.15 -0.54 0.00	23.33 -0.41 0.00	23.67 -0.32 0.00	24.87 -0.39 0.00	20.19 -0.29 0.00	22.37 -0.37 0.00	25.58 -0.57 0.00	23.09 -0.64 0.00	23.30 -0.60 0.00	20.41 -0.51 0.00	19.41 -0.46 0.00	21.90 -0.35 0.00	32.23 -0.43 0.00	26.03 -0.35 0.00	26.94 -0.29 0.00	28.35 -0.24 0.00	30.40 -0.19 0.00	28.35 -0.40 0.00	23.01 -0.30 0.00	23.78 -0.14 0.00
NEG CENTRAL___STATE_STREET 24147	21.07 -0.14 0.00	20.88 -0.15 0.00	21.79 -0.18 0.00	21.29 -0.18 0.00	21.50 -0.19 0.00	23.65 -0.09 0.00	23.97 -0.01 0.00	25.19 -0.08 0.00	20.47 -0.01 0.00	22.61 -0.13 0.00	26.00 -0.15 0.00	23.51 -0.22 0.00	23.73 -0.17 0.00	20.73 -0.19 0.00	-68.89 -0.14 88.62	22.15 -0.09 0.00	32.76 0.09 0.00	26.44 0.06 0.00	27.32 0.09 0.00	28.79 0.19 0.00	30.85 0.25 0.00	28.78 0.03 0.00	23.41 0.10 0.00	24.17 0.26 0.00
NEG MILLWOOD___DRP 24198	22.22 1.00 0.00	21.97 0.94 0.00	22.91 0.93 0.00	22.38 0.92 0.00	22.60 0.91 0.00	24.94 1.20 0.00	25.59 1.61 0.00	27.12 1.85 0.00	22.32 1.46 -0.39	24.00 1.27 0.00	27.47 1.32 0.00	24.94 1.21 0.00	25.07 1.17 0.00	21.88 0.96 0.00	20.86 0.93 -0.06	23.23 0.99 0.00	34.09 1.43 0.00	27.76 1.38 0.00	28.85 1.63 0.00	30.50 1.91 0.00	32.63 2.03 0.00	30.41 1.66 0.00	24.57 1.26 0.00	24.87 0.95 0.00
NEG NORTH_FLCN_SEA 23793	21.64 0.42 0.00	21.40 0.37 0.00	22.39 0.41 0.00	22.01 0.54 0.00	22.26 0.56 0.00	24.34 0.59 0.00	24.41 0.42 0.00	24.66 -0.60 0.00	19.63 -0.85 0.00	22.49 -0.25 0.00	26.94 0.80 0.00	24.49 0.75 0.00	24.61 0.72 0.00	21.60 0.67 0.00	20.59 0.72 0.00	22.75 0.51 0.00	32.87 0.20 0.00	26.24 -0.14 0.00	23.39 -0.68 3.15	22.86 -0.96 4.77	26.68 -1.10 2.81	27.72 -0.78 0.24	22.64 -0.68 0.00	23.39 -0.53 0.00
NEG NORTH_KES_CHATEGAY 23792	21.45 0.23 0.00	21.24 0.21 0.00	22.24 0.27 0.00	21.88 0.42 0.00	22.16 0.47 0.00	24.24 0.49 0.00	24.29 0.30 0.00	24.74 -0.52 0.00	19.64 -0.83 0.00	22.49 -0.24 0.00	26.73 0.59 0.00	24.20 0.47 0.00	24.36 0.46 0.00	21.40 0.48 0.00	20.37 0.50 0.00	22.52 0.28 0.00	32.54 -0.13 0.00	25.99 -0.39 0.00	22.53 -0.96 3.74	21.72 -1.21 5.66	25.99 -1.27 3.33	27.58 -0.88 0.29	22.51 -0.80 0.00	23.30 -0.62 0.00
NEG NORTH___ALICE_FALLS 23915	21.86 0.64 0.00	21.64 0.60 0.00	22.64 0.67 0.00	22.27 0.80 0.00	22.56 0.87 0.00	24.71 0.97 0.00	24.86 0.88 0.00	25.36 0.09 0.00	20.12 -0.36 0.00	22.99 0.26 0.00	27.30 1.16 0.00	24.70 0.97 0.00	24.75 0.85 0.00	21.74 0.82 0.00	20.69 0.82 0.00	22.89 0.65 0.00	33.23 0.56 0.00	26.56 0.17 0.00	23.40 -0.32 3.50	22.80 -0.49 5.30	26.96 -0.52 3.12	28.23 -0.25 0.27	22.99 -0.33 0.00	23.70 -0.21 0.00
NEG NORTH___LWR_SARANAC 23913	21.86 0.64 0.00	21.64 0.60 0.00	22.64 0.67 0.00	22.27 0.80 0.00	22.56 0.87 0.00	24.71 0.97 0.00	24.86 0.88 0.00	25.36 0.09 0.00	20.12 -0.36 0.00	22.99 0.26 0.00	27.30 1.16 0.00	24.70 0.97 0.00	24.75 0.85 0.00	21.74 0.82 0.00	20.69 0.82 0.00	22.89 0.65 0.00	33.23 0.56 0.00	26.56 0.17 0.00	23.40 -0.32 3.50	22.80 -0.49 5.30	26.96 -0.52 3.12	28.23 -0.25 0.27	22.99 -0.33 0.00	23.70 -0.21 0.00
NEG NORTH___PLATTSBURG 23628	21.86 0.64 0.00	21.64 0.60 0.00	22.64 0.67 0.00	22.27 0.80 0.00	22.57 0.87 0.00	24.71 0.97 0.00	24.87 0.88 0.00	25.36 0.09 0.00	20.12 -0.36 0.00	23.00 0.26 0.00	27.30 1.16 0.00	24.70 0.97 0.00	24.75 0.85 0.00	21.74 0.82 0.00	20.69 0.82 0.00	22.89 0.65 0.00	33.23 0.56 0.00	26.56 0.17 0.00	23.40 -0.32 3.50	22.80 -0.49 5.30	26.96 -0.52 3.12	28.23 -0.25 0.27	22.99 -0.32 0.00	23.70 -0.21 0.00
NEG WEST_LEA_LOCKPORT 23791	19.51 -1.71 0.00	19.26 -1.77 0.00	20.11 -1.87 0.00	19.56 -1.91 0.00	19.96 -1.74 0.00	21.98 -1.77 0.00	21.78 -2.20 0.00	22.58 -2.69 0.00	18.52 -1.96 0.00	20.71 -2.02 0.00	23.84 -2.30 0.00	21.65 -2.08 0.00	21.76 -2.14 0.00	19.11 -1.81 0.00	58.15 -2.08 -40.36	20.35 -1.89 0.00	30.04 -2.62 0.00	23.94 -2.44 0.00	24.57 -2.66 0.00	25.88 -2.72 0.00	28.02 -2.58 0.00	26.40 -2.36 0.00	21.68 -1.63 0.00	22.87 -1.05 0.00
NEG WEST___LANCASTER 23811	20.29 -0.93 0.00	20.05 -0.98 0.00	20.95 -1.03 0.00	20.39 -1.08 0.00	20.76 -0.93 0.00	22.86 -0.88 0.00	22.87 -1.12 0.00	23.75 -1.52 0.00	19.44 -1.04 0.00	21.73 -1.00 0.00	25.10 -1.05 0.00	22.77 -0.96 0.00	22.91 -0.99 0.00	20.11 -0.81 0.00	52.51 -1.06 -33.70	21.43 -0.81 0.00	31.63 -1.04 0.00	25.26 -1.13 0.00	25.98 -1.24 0.00	27.42 -1.17 0.00	29.52 -1.07 0.00	27.72 -1.03 0.00	22.73 -0.58 0.00	23.72 -0.20 0.00
NEG_PENN_ALLEGHNY 23528	20.80 -0.31 0.11	20.57 -0.34 0.13	21.53 -0.34 0.11	21.02 -0.35 0.10	21.23 -0.32 0.13	23.56 -0.17 0.02	23.91 -0.07 0.00	25.15 -0.11 0.00	20.53 -0.10 -0.15	22.57 -0.17 0.00	25.91 -0.24 0.00	23.65 -0.34 -0.26	23.66 -0.24 0.00	20.75 -0.17 0.00	19.66 -0.21 0.00	22.08 -0.16 0.00	32.48 -0.19 -0.01	26.51 -0.17 -0.30	27.75 -0.13 -0.65	28.72 0.01 -0.11	30.72 0.05 -0.07	28.74 -0.17 -0.15	23.78 -0.14 -0.60	24.05 -0.10 -0.24
NEG___GEN_MONROE 24207	20.33 -0.89 0.00	20.10 -0.93 0.00	20.99 -0.99 0.00	20.45 -1.02 0.00	20.82 -0.88 0.00	22.91 -0.83 0.00	22.96 -1.03 0.00	24.00 -1.26 0.00	19.60 -0.88 0.00	21.79 -0.95 0.00	25.01 -1.13 0.00	22.63 -1.10 0.00	22.75 -1.15 0.00	20.01 -0.91 0.00	74.01 -1.10 -55.24	21.32 -0.92 0.00	31.44 -1.23 0.00	25.19 -1.19 0.00	25.91 -1.31 0.00	27.34 -1.25 0.00	29.47 -1.13 0.00	27.66 -1.10 0.00	22.55 -0.76 0.00	23.55 -0.36 0.00
NEPA___ENERGY 23901	19.76 -1.46 0.00	19.49 -1.54 0.00	20.41 -1.57 0.00	19.89 -1.57 0.00	20.15 -1.55 0.00	22.45 -1.29 0.00	22.56 -1.42 0.00	23.37 -1.89 0.00	19.12 -1.36 0.00	21.41 -1.33 0.00	24.70 -1.44 0.00	22.15 -1.59 0.00	22.46 -1.43 0.00	19.66 -1.26 0.00	18.41 -1.46 0.00	21.03 -1.21 0.00	31.01 -1.66 0.00	24.75 -1.63 0.00	25.48 -1.75 0.00	27.02 -1.58 0.00	29.21 -1.38 0.00	27.30 -1.45 0.00	22.38 -0.93 0.00	23.25 -0.67 0.00
NEVERSINK___HYD 23608	22.26 1.05 0.00	22.00 0.97 0.00	22.94 0.96 0.00	22.42 0.96 0.00	22.64 0.95 0.00	24.98 1.24 0.00	25.57 1.58 0.00	27.01 1.74 0.00	22.08 1.16 -0.45	23.63 0.90 0.00	27.11 0.97 0.00	24.54 0.81 0.00	24.63 0.73 0.00	21.55 0.63 0.00	20.45 0.64 0.05	22.96 0.72 0.00	33.72 1.06 0.00	27.45 1.07 0.00	28.55 1.33 0.00	30.21 1.62 0.00	32.32 1.73 0.00	30.11 1.36 0.00	24.37 1.05 0.00	24.69 0.77 0.00
NEWKRMKL_115KV_TB1 55635	22.00 0.78 0.00	21.86 0.83 0.00	22.83 0.85 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.64 0.90 0.00	25.20 1.21 0.00	26.72 1.46 0.00	24.37 1.20 -2.69	23.81 1.07 0.00	27.21 1.06 0.00	24.71 0.97 0.00	24.86 0.97 0.00	21.70 0.78 0.00	20.67 0.79 0.00	23.14 0.90 0.00	34.01 1.35 0.00	27.62 1.24 0.00	28.62 1.40 0.00	30.14 1.55 0.00	32.20 1.61 0.00	30.18 1.43 0.00	24.35 1.04 0.00	24.74 0.82 0.00

NEWTON___FALLS_HYD 23847	20.27 -0.94 0.00	20.10 -0.93 0.00	21.04 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.73 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.84 -1.03 0.00	21.11 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.46 0.00	22.61 -1.31 0.00
NGRID_A1_DSASP 323792	19.26 -1.96 0.00	19.03 -2.00 0.00	19.86 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.11 -3.16 0.00	18.09 -2.39 0.00	20.26 -2.48 0.00	23.33 -2.82 0.00	20.47 -2.45 0.81	21.32 -2.57 0.00	18.73 -2.19 0.00	54.32 -2.50 -36.95	19.93 -2.31 0.00	29.34 -3.30 0.03	22.45 -2.93 1.00	21.92 -3.11 2.19	24.86 -3.36 0.37	27.13 -3.23 0.23	25.33 -2.94 0.48	19.43 -1.96 1.92	21.84 -1.32 0.76
NGRID_A2_DSASP 323793	19.26 -1.96 0.00	19.03 -2.00 0.00	19.86 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.11 -3.16 0.00	18.09 -2.39 0.00	20.26 -2.48 0.00	23.33 -2.82 0.00	20.47 -2.45 0.81	21.32 -2.57 0.00	18.73 -2.19 0.00	54.32 -2.50 -36.95	19.93 -2.31 0.00	29.34 -3.30 0.03	22.45 -2.93 1.00	21.92 -3.11 2.19	24.86 -3.36 0.37	27.13 -3.23 0.23	25.33 -2.94 0.48	19.43 -1.96 1.92	21.84 -1.32 0.76
NGRID_A4_DSASP 323807	19.26 -1.96 0.00	19.03 -2.00 0.00	19.86 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.11 -3.16 0.00	18.09 -2.39 0.00	20.26 -2.48 0.00	23.33 -2.82 0.00	20.47 -2.45 0.81	21.32 -2.57 0.00	18.73 -2.19 0.00	54.32 -2.50 -36.95	19.93 -2.31 0.00	29.34 -3.30 0.03	22.45 -2.93 1.00	21.92 -3.11 2.19	24.86 -3.36 0.37	27.13 -3.23 0.23	25.33 -2.94 0.48	19.43 -1.96 1.92	21.84 -1.32 0.76
NIAGARA_115E_LBMP 323715	19.22 -2.00 0.00	18.96 -2.07 0.00	19.79 -2.18 0.00	19.25 -2.21 0.00	19.64 -2.05 0.00	21.62 -2.12 0.00	21.38 -2.61 0.00	22.13 -3.13 0.00	18.16 -2.32 0.00	20.32 -2.41 0.00	23.39 -2.76 0.00	20.45 -2.48 0.80	21.37 -2.53 0.00	18.77 -2.15 0.00	55.58 -2.46 -38.17	19.98 -2.26 0.00	29.43 -3.20 0.03	22.50 -2.89 0.99	21.95 -3.12 2.17	24.99 -3.24 0.37	27.24 -3.13 0.23	25.43 -2.85 0.47	19.41 -2.02 1.89	21.79 -1.38 0.75
NIAGARA_115W_LBMP 323714	19.22 -1.99 0.00	18.99 -2.04 0.00	19.83 -2.15 0.00	19.28 -2.18 0.00	19.68 -2.02 0.00	21.63 -2.12 0.00	21.39 -2.60 0.00	22.05 -3.21 0.00	18.05 -2.43 0.00	20.21 -2.53 0.00	23.26 -2.88 0.00	20.42 -2.50 0.81	21.26 -2.63 0.00	18.68 -2.24 0.00	54.22 -2.55 -36.89	19.87 -2.36 0.00	29.26 -3.38 0.03	22.40 -2.98 1.00	21.87 -3.17 2.19	24.80 -3.42 0.37	27.06 -3.31 0.23	25.27 -3.01 0.48	19.39 -2.01 1.92	21.80 -1.36 0.76
NIAGARA_230_LBMP 323716	19.39 -1.83 0.00	19.16 -1.87 0.00	20.01 -1.97 0.00	19.46 -2.01 0.00	19.84 -1.85 0.00	21.81 -1.93 0.00	21.62 -2.37 0.00	22.40 -2.86 0.00	18.36 -2.12 0.00	20.55 -2.19 0.00	23.67 -2.48 0.00	20.71 -2.22 0.80	21.62 -2.27 0.00	19.00 -1.92 0.00	54.11 -2.20 -36.44	20.23 -2.01 0.00	29.78 -2.86 0.03	22.75 -2.64 0.99	22.19 -2.86 2.17	25.23 -2.99 0.37	27.53 -2.83 0.23	25.69 -2.58 0.47	19.60 -1.82 1.90	21.95 -1.21 0.75
NIAGARA___115KV_198_GIBSON 55903	19.23 -1.99 0.00	19.00 -2.04 0.00	19.83 -2.15 0.00	19.29 -2.18 0.00	19.67 -2.02 0.00	21.63 -2.12 0.00	21.39 -2.60 0.00	22.05 -3.21 0.00	18.05 -2.43 0.00	20.21 -2.53 0.00	23.27 -2.88 0.00	21.25 -2.48 0.00	21.27 -2.63 0.00	18.69 -2.23 0.00	54.26 -2.51 -36.89	19.88 -2.36 0.00	29.30 -3.37 0.00	23.39 -2.98 0.00	24.02 -3.20 0.00	25.18 -3.41 0.00	27.29 -3.30 0.00	25.74 -3.01 0.00	21.33 -1.98 0.00	22.54 -1.38 0.00
NIAGARA____ 23760	19.39 -1.83 0.00	19.16 -1.87 0.00	20.01 -1.97 0.00	19.46 -2.01 0.00	19.84 -1.85 0.00	21.81 -1.93 0.00	21.62 -2.37 0.00	22.40 -2.86 0.00	18.36 -2.12 0.00	20.55 -2.19 0.00	23.67 -2.48 0.00	20.71 -2.22 0.80	21.62 -2.27 0.00	19.00 -1.92 0.00	54.67 -2.20 -37.00	20.23 -2.01 0.00	29.78 -2.86 0.03	22.75 -2.64 0.99	22.19 -2.86 2.17	25.23 -2.99 0.37	27.53 -2.83 0.23	25.69 -2.58 0.47	19.60 -1.82 1.90	21.95 -1.21 0.75
NINE_MILE_1 23575	20.55 -0.66 0.00	20.37 -0.67 0.00	21.29 -0.69 0.00	20.79 -0.68 0.00	21.04 -0.66 0.00	23.05 -0.69 0.00	23.27 -0.72 0.00	24.49 -0.77 0.00	19.88 -0.59 0.00	22.04 -0.70 0.00	25.31 -0.83 0.00	22.95 -0.78 0.00	23.11 -0.79 0.00	20.29 -0.63 0.00	19.25 -0.62 0.00	21.57 -0.67 0.00	31.68 -0.99 0.00	25.57 -0.81 0.00	26.41 -0.82 0.00	27.78 -0.82 0.00	29.76 -0.83 0.00	27.91 -0.84 0.00	22.67 -0.64 0.00	23.47 -0.45 0.00
NINE_MILE_2 23744	20.56 -0.66 0.00	20.37 -0.66 0.00	21.30 -0.68 0.00	20.79 -0.67 0.00	21.04 -0.65 0.00	23.05 -0.69 0.00	23.27 -0.72 0.00	24.50 -0.76 0.00	19.88 -0.59 0.00	22.04 -0.70 0.00	25.32 -0.83 0.00	22.96 -0.77 0.00	23.12 -0.78 0.00	20.29 -0.63 0.00	19.25 -0.62 0.00	21.58 -0.66 0.00	31.68 -0.98 0.00	25.58 -0.80 0.00	26.41 -0.81 0.00	27.79 -0.81 0.00	29.77 -0.82 0.00	27.91 -0.84 0.00	22.67 -0.64 0.00	23.47 -0.44 0.00
NM_CAPITAL___DRP 24208	21.90 0.68 0.00	21.77 0.74 0.00	22.74 0.76 0.00	22.22 0.75 0.00	22.44 0.74 0.00	24.51 0.77 0.00	25.07 1.08 0.00	26.58 1.31 0.00	24.29 1.09 -2.72	23.68 0.94 0.00	27.06 0.92 0.00	24.58 0.85 0.00	24.74 0.85 0.00	21.59 0.67 0.00	20.55 0.68 0.00	23.01 0.77 0.00	33.82 1.16 0.00	27.46 1.08 0.00	28.46 1.24 0.00	29.97 1.38 0.00	32.02 1.43 0.00	30.01 1.27 0.00	24.23 0.91 0.00	24.62 0.70 0.00
NM_CENTRAL___DRP 24181	20.80 -0.41 0.00	20.60 -0.43 0.00	21.53 -0.45 0.00	21.02 -0.45 0.00	21.28 -0.41 0.00	23.36 -0.38 0.00	23.56 -0.43 0.00	24.84 -0.42 0.00	20.17 -0.31 0.00	22.38 -0.36 0.00	25.71 -0.43 0.00	23.29 -0.44 0.00	23.45 -0.44 0.00	20.59 -0.33 0.00	19.51 -0.36 0.00	21.89 -0.35 0.00	32.17 -0.50 0.00	25.98 -0.40 0.00	26.84 -0.38 0.00	28.26 -0.33 0.00	30.28 -0.32 0.00	28.38 -0.37 0.00	23.02 -0.29 0.00	23.80 -0.11 0.00
NM_FRONTIER___DRP 24179	19.23 -1.99 0.00	19.00 -2.04 0.00	19.83 -2.15 0.00	19.29 -2.18 0.00	19.67 -2.02 0.00	21.63 -2.12 0.00	21.39 -2.60 0.00	22.05 -3.21 0.00	18.05 -2.43 0.00	20.21 -2.53 0.00	23.27 -2.88 0.00	21.25 -2.48 0.00	21.27 -2.63 0.00	18.69 -2.23 0.00	54.26 -2.51 -36.89	19.88 -2.36 0.00	29.30 -3.37 0.00	23.39 -2.98 0.00	24.02 -3.20 0.00	25.18 -3.41 0.00	27.29 -3.30 0.00	25.74 -3.01 0.00	21.33 -1.98 0.00	22.54 -1.38 0.00
NM_ST_REGIS___HYD 24053	20.88 -0.34 0.00	20.68 -0.35 0.00	21.65 -0.32 0.00	21.20 -0.26 0.00	21.46 -0.24 0.00	23.43 -0.31 0.00	23.49 -0.50 0.00	24.43 -0.83 0.00	19.63 -0.85 0.00	22.16 -0.58 0.00	25.84 -0.31 0.00	23.40 -0.34 0.00	23.48 -0.42 0.00	20.55 -0.37 0.00	19.54 -0.33 0.00	21.81 -0.43 0.00	31.91 -0.76 0.00	25.53 -0.86 0.00	17.53 -1.20 8.49	14.37 -1.37 12.86	21.56 -1.46 7.57	26.87 -1.22 0.66	22.30 -1.01 0.00	23.00 -0.91 0.00

NORTHPORT___1 23551	22.92 1.15 -0.55	22.10 1.07 0.00	22.99 1.02 0.00	22.44 0.97 0.00	22.62 0.92 0.00	24.94 1.20 0.00	25.72 1.73 0.00	27.16 1.89 0.00	22.19 1.34 -0.37	23.74 1.01 0.00	27.45 1.30 0.00	25.04 1.31 0.00	25.19 1.30 0.00	22.02 1.10 0.00	21.24 1.15 -0.22	23.42 1.18 0.00	34.32 1.66 0.00	28.04 1.56 -0.09	31.22 1.88 -2.12	31.35 2.30 -0.46	34.81 2.39 -1.82	31.54 1.90 -0.89	25.54 1.59 -0.63	25.83 1.29 -0.62
NORTHPORT___2 23552	22.92 1.15 -0.55	22.10 1.07 0.00	22.99 1.02 0.00	22.44 0.97 0.00	22.62 0.92 0.00	24.94 1.20 0.00	25.72 1.73 0.00	27.16 1.89 0.00	22.19 1.34 -0.37	23.74 1.01 0.00	27.45 1.30 0.00	25.04 1.31 0.00	25.19 1.30 0.00	22.02 1.10 0.00	21.24 1.15 -0.22	23.42 1.18 0.00	34.32 1.66 0.00	28.04 1.56 -0.09	31.22 1.88 -2.12	31.35 2.30 -0.46	34.81 2.39 -1.82	31.54 1.90 -0.89	25.54 1.59 -0.63	25.83 1.29 -0.62
NORTHPORT___3 23553	22.83 1.07 -0.55	22.03 0.99 0.00	22.92 0.94 0.00	22.36 0.90 0.00	22.51 0.82 0.00	24.82 1.07 0.00	25.56 1.58 0.00	27.02 1.76 0.00	22.10 1.25 -0.37	23.66 0.93 0.00	27.38 1.23 0.00	24.97 1.24 0.00	25.13 1.23 0.00	21.97 1.04 0.00	21.18 1.09 -0.22	23.36 1.12 0.00	34.18 1.52 0.00	27.91 1.44 -0.09	31.01 1.71 -2.08	31.15 2.10 -0.46	34.59 2.21 -1.79	31.38 1.75 -0.87	25.43 1.50 -0.62	25.71 1.18 -0.61
NORTHPORT___4 23650	22.83 1.07 -0.55	22.03 0.99 0.00	22.92 0.94 0.00	22.36 0.90 0.00	22.51 0.82 0.00	24.82 1.07 0.00	25.56 1.58 0.00	27.02 1.76 0.00	22.10 1.25 -0.37	23.66 0.93 0.00	27.38 1.23 0.00	24.97 1.24 0.00	25.13 1.23 0.00	21.97 1.04 0.00	21.18 1.09 -0.22	23.36 1.12 0.00	34.18 1.52 0.00	27.91 1.44 -0.09	31.01 1.71 -2.08	31.15 2.10 -0.46	34.59 2.21 -1.79	31.38 1.75 -0.87	25.43 1.50 -0.62	25.71 1.18 -0.61
NORTHPORT___IC 23718	22.91 1.14 -0.55	22.10 1.07 0.00	22.99 1.01 0.00	22.44 0.98 0.00	22.62 0.92 0.00	24.94 1.20 0.00	25.72 1.74 0.00	27.16 1.89 0.00	22.19 1.34 -0.37	23.74 1.01 0.00	27.45 1.30 0.00	25.03 1.30 0.00	25.19 1.30 0.00	22.02 1.10 0.00	21.24 1.15 -0.22	23.42 1.18 0.00	34.32 1.66 0.00	28.03 1.56 -0.09	31.22 1.87 -2.12	31.35 2.29 -0.46	34.80 2.39 -1.82	31.54 1.90 -0.89	25.54 1.59 -0.63	25.82 1.29 -0.62
NORTH___COUNTRY_ESR 323785	21.38 0.16 0.00	21.17 0.14 0.00	22.18 0.20 0.00	21.82 0.35 0.00	22.10 0.41 0.00	24.18 0.44 0.00	24.21 0.22 0.00	24.67 -0.59 0.00	19.59 -0.89 0.00	22.45 -0.29 0.00	26.68 0.54 0.00	24.16 0.43 0.00	24.31 0.41 0.00	21.35 0.43 0.00	20.33 0.46 0.00	22.48 0.24 0.00	32.46 -0.21 0.00	25.90 -0.48 0.00	22.43 -1.05 3.75	21.61 -1.32 5.67	25.88 -1.38 3.34	27.49 -0.97 0.29	22.45 -0.86 0.00	23.22 -0.69 0.00
NPX_GEN_1385_PROXY 323591	22.89 1.12 -0.55	22.07 1.04 0.00	22.96 0.98 0.00	22.41 0.95 0.00	22.60 0.91 0.00	24.93 1.18 0.00	25.71 1.73 0.00	27.14 1.87 0.00	22.12 1.28 -0.37	23.59 0.85 0.00	27.28 1.14 0.00	24.89 1.16 0.00	25.02 1.12 0.00	21.87 0.95 0.00	21.10 1.01 -0.22	23.26 1.02 0.00	34.12 1.45 0.00	27.89 1.42 -0.09	31.16 1.82 -2.12	31.33 2.28 -0.46	34.72 2.31 -1.82	31.46 1.82 -0.89	25.51 1.56 -0.63	25.74 1.21 -0.62
NPX_GEN_CSC 323557	23.06 1.19 -0.66	22.19 1.16 0.00	23.05 1.08 0.00	22.49 1.02 0.00	22.65 0.96 0.00	25.02 1.28 0.00	46.19 2.10 -20.10	27.38 2.12 0.00	22.27 1.42 -0.37	15.73 0.94 7.95	8.84 1.15 18.46	19.05 1.16 5.84	10.75 1.13 14.27	11.63 0.96 10.25	19.55 1.07 1.40	22.50 1.07 0.81	21.83 1.51 12.34	24.67 1.54 3.25	31.68 1.98 -2.47	31.64 2.56 -0.48	35.37 2.65 -2.13	31.73 1.93 -1.04	25.69 1.63 -0.75	26.02 1.37 -0.73
NSINS_S_GLNS_FALLS 23858	22.09 0.88 0.00	22.01 0.98 0.00	22.99 1.01 0.00	22.47 1.01 0.00	22.74 1.05 0.00	25.03 1.29 0.00	25.66 1.68 0.00	27.18 1.91 0.00	26.15 1.49 -4.18	24.04 1.30 0.00	27.35 1.21 0.00	24.80 1.07 0.00	24.93 1.04 0.00	21.78 0.86 0.00	20.68 0.81 0.00	23.08 0.84 0.00	34.06 1.39 0.00	27.82 1.44 0.00	28.88 1.66 0.00	30.36 1.77 0.00	32.41 1.82 0.00	30.27 1.52 0.00	24.30 0.99 0.00	24.69 0.78 0.00
NUCOR_STEEL___DRP 24197	21.08 -0.13 0.00	20.88 -0.14 0.00	21.81 -0.17 0.00	21.30 -0.17 0.00	21.50 -0.19 0.00	23.65 -0.09 0.00	23.96 -0.03 0.00	25.18 -0.08 0.00	20.47 -0.01 0.00	22.60 -0.14 0.00	26.00 -0.14 0.00	23.52 -0.21 0.00	23.74 -0.16 0.00	20.73 -0.19 0.00	-87.80 -0.14 107.53	22.15 -0.09 0.00	32.77 0.10 0.00	26.44 0.06 0.00	27.31 0.08 0.00	28.78 0.19 0.00	30.85 0.25 0.00	28.76 0.01 0.00	23.42 0.10 0.00	24.18 0.27 0.00
NUMBER_THREE_WT_PWR 323818	20.32 -0.89 0.00	20.17 -0.87 0.00	21.14 -0.83 0.00	20.70 -0.77 0.00	20.93 -0.76 0.00	22.95 -0.79 0.00	23.31 -0.68 0.00	24.75 -0.52 0.00	20.00 -0.48 0.00	22.05 -0.69 0.00	25.44 -0.71 0.00	22.93 -0.80 0.00	22.74 -1.16 0.00	19.82 -1.10 0.00	18.95 -0.93 0.00	21.26 -0.98 0.00	31.35 -1.32 0.00	25.14 -1.24 0.00	-7.55 -1.42 33.36	-23.28 -1.38 50.50	-0.61 -1.48 29.72	24.69 -1.46 2.60	22.16 -1.15 0.00	22.84 -1.08 0.00
NYISO_LBMP_REFERENCE 24008	21.22 0.00 0.00	21.03 0.00 0.00	21.98 0.00 0.00	21.47 0.00 0.00	21.69 0.00 0.00	23.74 0.00 0.00	23.99 0.00 0.00	25.27 0.00 0.00	20.48 0.00 0.00	22.74 0.00 0.00	26.14 0.00 0.00	23.73 0.00 0.00	23.90 0.00 0.00	20.92 0.00 0.00	19.87 0.00 0.00	22.24 0.00 0.00	32.67 0.00 0.00	26.38 0.00 0.00	27.23 0.00 0.00	28.59 0.00 0.00	30.60 0.00 0.00	28.75 0.00 0.00	23.31 0.00 0.00	23.92 0.00 0.00
NYPA_BRENTWD___GT 24164	23.35 1.37 -0.77	22.31 1.28 0.00	23.20 1.22 0.00	22.64 1.18 0.00	22.83 1.14 0.00	25.21 1.46 0.00	26.05 2.06 0.00	27.50 2.24 0.00	22.46 1.61 -0.37	24.02 1.28 0.00	27.74 1.60 0.00	25.27 1.53 0.00	25.40 1.50 0.00	22.22 1.29 0.00	21.45 1.36 -0.22	23.66 1.42 0.00	34.72 2.05 0.00	28.41 1.90 -0.13	32.36 2.26 -2.87	31.82 2.72 -0.51	35.91 2.84 -2.48	32.24 2.28 -1.21	26.06 1.87 -0.88	26.33 1.55 -0.86
NYPA_GOWANUS___GT5 24156	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00
NYPA_GOWANUS___GT6 24157	22.20 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	25.00 1.27 0.00	25.15 1.26 0.00	21.99 1.06 0.00	21.14 1.06 -0.22	23.30 1.06 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.69 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00

NYPA_HARLEM__RVR__GT1 24160	22.15 0.93 0.00	21.91 0.88 0.00	22.83 0.86 0.00	22.29 0.83 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.52 1.53 0.00	26.97 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.10 1.01 -0.21	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.70 1.47 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.80 0.88 0.00
NYPA_HARLEM__RVR__GT2 24161	22.15 0.93 0.00	21.91 0.88 0.00	22.83 0.86 0.00	22.29 0.83 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.52 1.53 0.00	26.97 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.10 1.01 -0.21	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.70 1.47 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.80 0.88 0.00
NYPA_KENT____GT 24152	22.20 0.99 0.00	21.94 0.91 0.00	22.86 0.88 0.00	22.33 0.86 0.00	22.56 0.86 0.00	24.91 1.17 0.00	25.58 1.59 0.00	27.08 1.82 0.00	22.28 1.43 -0.37	23.94 1.20 0.00	27.49 1.34 0.00	25.02 1.29 0.00	25.17 1.27 0.00	22.00 1.08 0.00	21.15 1.06 -0.22	23.31 1.07 0.00	34.17 1.51 0.00	27.80 1.42 0.00	28.87 1.64 0.00	30.55 1.95 0.00	32.68 2.08 0.00	30.48 1.73 0.00	24.67 1.36 0.00	24.92 1.01 0.00
NYPA_POUCH1____GT 24155	22.14 0.93 0.00	21.88 0.85 0.00	22.79 0.82 0.00	22.26 0.80 0.00	22.49 0.80 0.00	24.84 1.10 0.00	25.51 1.52 0.00	27.01 1.75 0.00	22.21 1.36 -0.37	23.84 1.10 0.00	27.34 1.20 0.00	24.67 1.15 0.21	24.93 1.13 0.10	21.87 0.95 0.00	21.06 0.97 -0.22	23.19 0.95 0.00	33.98 1.32 0.00	27.68 1.30 0.00	28.75 1.53 0.00	30.45 1.86 0.00	32.57 1.98 0.00	30.40 1.65 0.00	24.65 1.33 0.00	24.90 0.99 0.00
NYPA_VERNON____GT2 24162	22.22 1.00 0.00	21.95 0.93 0.00	22.88 0.90 0.00	22.34 0.88 0.00	22.58 0.88 0.00	24.93 1.18 0.00	25.59 1.60 0.00	27.09 1.82 0.00	22.28 1.43 -0.37	23.94 1.21 0.00	27.50 1.36 0.00	25.04 1.30 0.00	25.19 1.29 0.00	22.01 1.09 0.00	21.16 1.08 -0.22	23.32 1.08 0.00	34.19 1.52 0.00	27.81 1.43 0.00	28.87 1.65 0.00	30.53 1.94 0.00	32.67 2.07 0.00	30.46 1.71 0.00	24.66 1.35 0.00	24.91 1.00 0.00
NYPA_VERNON____GT3 24163	22.22 1.00 0.00	21.95 0.93 0.00	22.88 0.90 0.00	22.34 0.88 0.00	22.58 0.88 0.00	24.93 1.18 0.00	25.59 1.60 0.00	27.09 1.82 0.00	22.28 1.43 -0.37	23.94 1.21 0.00	27.50 1.36 0.00	25.04 1.30 0.00	25.19 1.29 0.00	22.01 1.09 0.00	21.16 1.08 -0.22	23.32 1.08 0.00	34.19 1.52 0.00	27.81 1.43 0.00	28.87 1.65 0.00	30.53 1.94 0.00	32.67 2.07 0.00	30.46 1.71 0.00	24.66 1.35 0.00	24.91 1.00 0.00
NYPA__ASTORIA_CC1 323568	22.20 0.99 0.00	21.94 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.80 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.47 1.33 0.00	25.01 1.28 0.00	25.16 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.50 1.91 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.33 0.00	24.89 0.97 0.00
NYPA__ASTORIA_CC2 323569	22.20 0.99 0.00	21.94 0.92 0.00	22.87 0.89 0.00	22.33 0.87 0.00	22.56 0.87 0.00	24.92 1.17 0.00	25.57 1.59 0.00	27.06 1.80 0.00	22.26 1.41 -0.37	23.92 1.19 0.00	27.47 1.33 0.00	25.01 1.28 0.00	25.16 1.27 0.00	21.99 1.07 0.00	21.14 1.05 -0.22	23.30 1.06 0.00	34.15 1.48 0.00	27.78 1.40 0.00	28.85 1.62 0.00	30.50 1.91 0.00	32.63 2.04 0.00	30.43 1.67 0.00	24.64 1.33 0.00	24.89 0.97 0.00
NYPA__HOLTSVILL 23794	23.09 1.23 -0.65	22.21 1.17 0.00	23.07 1.10 0.00	22.52 1.05 0.00	22.70 1.00 0.00	25.06 1.32 0.00	25.96 1.98 0.00	27.35 2.09 0.00	22.32 1.47 -0.37	23.83 1.09 0.00	27.51 1.37 0.00	25.06 1.33 0.00	25.21 1.31 0.00	22.03 1.11 0.00	21.30 1.20 -0.22	23.48 1.24 0.00	34.43 1.76 0.00	28.17 1.68 -0.11	31.72 2.07 -2.43	31.63 2.55 -0.48	35.33 2.65 -2.09	31.83 2.05 -1.02	25.76 1.71 -0.73	26.04 1.41 -0.72
NYPA__HELLGATE_GT1 24158	22.15 0.93 0.00	21.91 0.88 0.00	22.83 0.86 0.00	22.29 0.83 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.50 1.51 0.00	26.97 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.10 1.01 -0.21	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.70 1.47 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.80 0.88 0.00
NYPA__HELLGATE_GT2 24159	22.15 0.93 0.00	21.91 0.88 0.00	22.83 0.86 0.00	22.29 0.83 0.00	22.53 0.84 0.00	24.86 1.12 0.00	25.50 1.51 0.00	26.97 1.70 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.10 1.01 -0.21	23.21 0.97 0.00	33.97 1.30 0.00	27.65 1.27 0.00	28.70 1.47 0.00	30.39 1.80 0.00	32.55 1.95 0.00	30.32 1.57 0.00	24.56 1.25 0.00	24.80 0.88 0.00
NYS_BARGE__HYD 23848	19.52 -1.69 0.00	19.28 -1.75 0.00	20.12 -1.86 0.00	19.58 -1.89 0.00	19.98 -1.71 0.00	22.00 -1.74 0.00	21.81 -2.18 0.00	22.61 -2.65 0.00	18.54 -1.94 0.00	20.74 -2.00 0.00	23.86 -2.28 0.00	20.91 -2.09 0.73	21.77 -2.13 0.00	19.12 -1.80 0.00	58.77 -2.12 -41.01	20.37 -1.88 0.00	30.02 -2.62 0.03	23.06 -2.41 0.90	22.64 -2.60 1.98	25.56 -2.70 0.34	27.83 -2.55 0.21	25.99 -2.33 0.43	19.95 -1.63 1.73	22.23 -1.00 0.69
OAK ORCHARD__HYD 24046	20.25 -0.97 0.00	20.03 -1.00 0.00	20.91 -1.06 0.00	20.38 -1.09 0.00	20.74 -0.96 0.00	22.80 -0.94 0.00	22.86 -1.13 0.00	23.93 -1.34 0.00	19.52 -0.95 0.00	21.72 -1.02 0.00	24.93 -1.22 0.00	22.20 -1.15 0.38	22.72 -1.17 0.00	19.97 -0.95 0.00	74.65 -1.15 -55.93	21.25 -0.99 0.00	31.29 -1.36 0.01	24.62 -1.29 0.47	24.79 -1.40 1.04	27.05 -1.37 0.18	29.23 -1.25 0.11	27.31 -1.22 0.23	21.54 -0.87 0.90	23.07 -0.49 0.36
OAKDALE__35_KV_LOAD 356122	20.92 -0.30 0.00	20.71 -0.32 0.00	21.65 -0.32 0.00	21.13 -0.33 0.00	21.39 -0.31 0.00	23.58 -0.16 0.00	23.90 -0.09 0.00	25.14 -0.13 0.00	20.52 -0.11 -0.16	22.56 -0.17 0.00	25.91 -0.24 0.00	23.39 -0.34 0.00	23.67 -0.23 0.00	20.75 -0.17 0.00	19.66 -0.21 0.00	22.08 -0.16 0.00	32.47 -0.19 0.00	26.21 -0.17 0.00	27.10 -0.12 0.00	28.61 0.01 0.00	30.64 0.05 0.00	28.59 -0.16 0.00	23.19 -0.12 0.00	23.82 -0.09 0.00
OCC_CHEM__DRP 24175	19.26 -1.95 0.00	19.03 -2.00 0.00	19.87 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.10 -3.16 0.00	18.10 -2.38 0.00	20.26 -2.47 0.00	23.33 -2.82 0.00	21.30 -2.43 0.00	21.33 -2.57 0.00	18.73 -2.19 0.00	54.36 -2.46 -36.95	19.93 -2.31 0.00	29.38 -3.29 0.00	23.45 -2.93 0.00	24.08 -3.15 0.00	25.25 -3.34 0.00	27.36 -3.23 0.00	25.81 -2.95 0.00	21.37 -1.94 0.00	22.58 -1.34 0.00

OH_GEN_PROXY 24063	19.44 -1.78 0.00	19.22 -1.81 0.00	20.05 -1.92 0.00	19.51 -1.96 0.00	19.89 -1.80 0.00	21.87 -1.87 0.00	21.70 -2.28 0.00	22.53 -2.74 0.00	18.45 -2.03 0.00	20.65 -2.09 0.00	23.78 -2.37 0.00	20.76 -2.13 0.85	21.72 -2.17 0.00	19.08 -1.84 0.00	53.61 -2.10 -35.84	20.32 -1.92 0.00	29.91 -2.72 0.03	-52.89 -2.53 76.73	22.20 -2.74 2.28	25.36 -2.85 0.39	27.66 -2.69 0.24	25.78 -2.47 0.50	19.58 -1.73 2.00	21.96 -1.17 0.79
OLIN_CORP_DRP 24177	19.26 -1.96 0.00	19.01 -2.03 0.00	19.84 -2.14 0.00	19.30 -2.17 0.00	19.69 -2.01 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.20 -3.07 0.00	18.22 -2.26 0.00	20.38 -2.35 0.00	23.46 -2.69 0.00	21.33 -2.40 0.00	21.43 -2.47 0.00	18.82 -2.10 0.00	55.26 -2.37 -37.75	20.03 -2.21 0.00	29.55 -3.11 0.00	23.55 -2.84 0.00	24.14 -3.08 0.00	25.44 -3.16 0.00	27.54 -3.06 0.00	25.97 -2.78 0.00	21.35 -1.96 0.00	22.57 -1.35 0.00
OLIN_CORP_DSASP 323712	19.26 -1.96 0.00	19.03 -2.00 0.00	19.86 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.11 -3.16 0.00	18.09 -2.39 0.00	20.26 -2.48 0.00	23.33 -2.82 0.00	20.47 -2.45 0.81	21.32 -2.57 0.00	18.73 -2.19 0.00	54.32 -2.50 -36.95	19.93 -2.31 0.00	29.34 -3.30 0.03	22.45 -2.93 1.00	21.92 -3.11 2.19	24.86 -3.36 0.37	27.13 -3.23 0.23	25.33 -2.94 0.48	19.43 -1.96 1.92	21.84 -1.32 0.76
ONEIDA_HERK_LFGE 323681	21.15 -0.07 0.00	20.98 -0.06 0.00	21.94 -0.03 0.00	21.45 -0.02 0.00	21.69 0.00 0.00	23.80 0.06 0.00	24.20 0.21 0.00	25.61 0.35 0.00	20.73 0.25 0.00	22.86 0.13 0.00	26.27 0.12 0.00	23.73 0.00 0.00	23.73 -0.17 0.00	20.72 -0.20 0.00	19.73 -0.14 0.00	22.13 -0.11 0.00	32.64 -0.03 0.00	26.35 -0.03 0.00	39.52 -0.04 -12.33	47.29 0.04 -18.66	41.63 0.06 -10.98	29.68 -0.04 -0.96	23.24 -0.07 0.00	23.86 -0.06 0.00
ONEIDA___115KV_TB4 55905	21.52 0.30 0.00	21.33 0.30 0.00	22.31 0.33 0.00	21.78 0.32 0.00	22.05 0.36 0.00	24.23 0.49 0.00	24.68 0.69 0.00	26.14 0.87 0.00	21.17 0.69 0.00	23.32 0.58 0.00	26.72 0.58 0.00	24.13 0.40 0.00	24.24 0.34 0.00	21.20 0.27 0.00	20.13 0.25 0.00	22.60 0.36 0.00	33.37 0.70 0.00	27.06 0.68 0.00	33.09 0.76 -5.11	37.18 0.86 -7.73	36.12 0.97 -4.55	29.95 0.80 -0.40	23.86 0.55 0.00	24.45 0.54 0.00
ONONDAGA_REF_OCCRA 23987	20.95 -0.27 0.00	20.74 -0.29 0.00	21.68 -0.30 0.00	21.16 -0.30 0.00	21.43 -0.27 0.00	23.54 -0.20 0.00	23.80 -0.18 0.00	25.17 -0.09 0.00	20.42 -0.06 0.00	22.62 -0.12 0.00	25.95 -0.19 0.00	23.49 -0.24 0.00	23.66 -0.23 0.00	20.76 -0.16 0.00	19.67 -0.20 0.00	22.08 -0.16 0.00	32.49 -0.18 0.00	26.27 -0.11 0.00	27.15 -0.08 0.00	28.58 -0.02 0.00	30.62 0.03 0.00	28.69 -0.06 0.00	23.25 -0.06 0.00	24.00 0.09 0.00
ONONDAGA___COGEN 23986	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00
ONTARIO___LFGE 23819	20.68 -0.62 -0.09	20.56 -0.58 -0.10	21.41 -0.65 -0.09	20.91 -0.64 -0.08	21.26 -0.54 -0.11	23.35 -0.41 -0.01	23.67 -0.32 0.00	24.87 -0.39 0.00	20.19 -0.29 0.00	22.37 -0.37 0.00	25.58 -0.57 0.00	23.08 -0.65 0.00	23.30 -0.60 0.00	20.41 -0.51 0.00	19.41 -0.46 0.00	21.90 -0.34 0.00	32.24 -0.43 0.00	26.03 -0.35 0.00	26.93 -0.29 0.00	28.35 -0.25 0.00	30.40 -0.20 0.00	28.35 -0.40 0.00	23.01 -0.30 0.00	23.78 -0.13 0.00
ORANGEVILLE_WT_PWR 323706	19.17 -2.04 0.00	18.93 -2.11 0.00	19.78 -2.20 0.00	19.27 -2.20 0.00	19.64 -2.05 0.00	21.68 -2.07 0.00	21.60 -2.39 0.00	22.33 -2.94 0.00	18.27 -2.21 0.00	20.42 -2.31 0.00	23.62 -2.52 0.00	20.57 -2.29 0.88	21.68 -2.22 0.00	19.05 -1.87 0.00	53.74 -2.23 -36.10	20.25 -1.99 0.00	29.95 -2.69 0.03	22.86 -2.44 1.08	22.33 -2.52 2.37	25.39 -2.80 0.40	27.63 -2.71 0.25	25.74 -2.50 0.52	19.36 -1.87 2.08	21.73 -1.37 0.82
ORANGEVILLE___ESR 323794	19.17 -2.04 0.00	18.93 -2.11 0.00	19.78 -2.20 0.00	19.27 -2.20 0.00	19.64 -2.05 0.00	21.68 -2.07 0.00	21.60 -2.39 0.00	22.33 -2.94 0.00	18.27 -2.21 0.00	20.42 -2.31 0.00	23.62 -2.52 0.00	20.57 -2.29 0.88	21.68 -2.22 0.00	19.05 -1.87 0.00	53.74 -2.23 -36.10	20.25 -1.99 0.00	29.95 -2.69 0.03	22.86 -2.44 1.08	22.33 -2.52 2.37	25.39 -2.80 0.40	27.63 -2.71 0.25	25.74 -2.50 0.52	19.36 -1.87 2.08	21.73 -1.37 0.82
OSWEGATCHIE___HYD 24044	20.27 -0.94 0.00	20.10 -0.93 0.00	21.05 -0.93 0.00	20.59 -0.87 0.00	20.84 -0.86 0.00	22.79 -0.95 0.00	23.00 -0.99 0.00	24.22 -1.04 0.00	19.55 -0.93 0.00	21.74 -1.00 0.00	25.16 -0.99 0.00	22.75 -0.98 0.00	22.69 -1.21 0.00	19.78 -1.14 0.00	18.85 -1.02 0.00	21.12 -1.12 0.00	31.01 -1.66 0.00	24.88 -1.50 0.00	7.57 -1.74 17.92	-0.34 -1.81 27.12	12.71 -1.92 15.96	25.56 -1.80 1.39	21.86 -1.45 0.00	22.61 -1.31 0.00
OSWEGO___5 23606	20.66 -0.55 0.00	20.47 -0.57 0.00	21.39 -0.59 0.00	20.89 -0.58 0.00	21.14 -0.55 0.00	23.18 -0.57 0.00	23.40 -0.59 0.00	24.64 -0.63 0.00	19.99 -0.48 0.00	22.16 -0.57 0.00	25.45 -0.69 0.00	23.07 -0.66 0.00	23.24 -0.66 0.00	20.39 -0.53 0.00	19.34 -0.53 0.00	21.69 -0.55 0.00	31.87 -0.80 0.00	25.72 -0.66 0.00	26.56 -0.66 0.00	27.95 -0.65 0.00	29.95 -0.65 0.00	28.08 -0.68 0.00	22.79 -0.52 0.00	23.57 -0.34 0.00
OSWEGO___6 23613	20.66 -0.55 0.00	20.47 -0.57 0.00	21.39 -0.59 0.00	20.89 -0.58 0.00	21.14 -0.55 0.00	23.18 -0.57 0.00	23.40 -0.59 0.00	24.64 -0.63 0.00	19.99 -0.48 0.00	22.16 -0.57 0.00	25.45 -0.69 0.00	23.07 -0.66 0.00	23.24 -0.66 0.00	20.39 -0.53 0.00	19.34 -0.53 0.00	21.69 -0.55 0.00	31.87 -0.80 0.00	25.72 -0.66 0.00	26.56 -0.66 0.00	27.95 -0.65 0.00	29.95 -0.65 0.00	28.08 -0.68 0.00	22.79 -0.52 0.00	23.57 -0.34 0.00
OUTOKUMPU-AB___DRP 24206	19.67 -1.54 0.00	19.42 -1.61 0.00	20.29 -1.69 0.00	19.73 -1.74 0.00	20.12 -1.57 0.00	22.17 -1.57 0.00	22.01 -1.98 0.00	22.77 -2.49 0.00	18.67 -1.81 0.00	20.89 -1.84 0.00	24.06 -2.08 0.00	21.89 -1.84 0.00	21.97 -1.93 0.00	19.29 -1.63 0.00	55.76 -1.91 -37.79	20.55 -1.69 0.00	30.32 -2.35 0.00	24.18 -2.21 0.00	24.82 -2.40 0.00	26.09 -2.50 0.00	28.27 -2.32 0.00	26.63 -2.12 0.00	21.92 -1.39 0.00	23.07 -0.84 0.00
OXBOW___BTM 323836	19.47 -1.74 0.00	19.24 -1.80 0.00	20.08 -1.90 0.00	19.53 -1.93 0.00	19.92 -1.77 0.00	21.94 -1.81 0.00	21.73 -2.25 0.00	22.46 -2.81 0.00	18.39 -2.08 0.00	20.60 -2.14 0.00	23.71 -2.43 0.00	20.77 -2.14 0.82	21.66 -2.24 0.00	19.02 -1.90 0.00	55.04 -2.21 -37.38	20.26 -1.98 0.00	29.83 -2.81 0.03	22.82 -2.55 1.00	22.30 -2.72 2.21	25.30 -2.92 0.37	27.60 -2.76 0.24	25.76 -2.52 0.48	19.71 -1.68 1.93	22.10 -1.06 0.76

OXBOW____ 24026	19.47 -1.74 0.00	19.24 -1.80 0.00	20.08 -1.90 0.00	19.54 -1.93 0.00	19.92 -1.77 0.00	21.93 -1.81 0.00	21.74 -2.25 0.00	22.46 -2.81 0.00	18.40 -2.08 0.00	20.59 -2.15 0.00	23.72 -2.43 0.00	21.62 -2.11 0.00	21.66 -2.23 0.00	19.03 -1.90 0.00	55.08 -2.17 -37.38	20.26 -1.98 0.00	29.87 -2.80 0.00	23.82 -2.56 0.00	24.47 -2.76 0.00	25.69 -2.90 0.00	27.83 -2.76 0.00	26.24 -2.52 0.00	21.66 -1.65 0.00	22.83 -1.08 0.00
OXY_CHEM_DSASP 323612	19.26 -1.95 0.00	19.03 -2.00 0.00	19.87 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.10 -3.16 0.00	18.10 -2.38 0.00	20.26 -2.47 0.00	23.33 -2.82 0.00	21.30 -2.43 0.00	21.33 -2.57 0.00	18.73 -2.19 0.00	54.36 -2.46 -36.95	19.93 -2.31 0.00	29.38 -3.29 0.00	23.45 -2.93 0.00	24.08 -3.15 0.00	25.25 -3.34 0.00	27.36 -3.23 0.00	25.81 -2.95 0.00	21.37 -1.94 0.00	22.58 -1.34 0.00
OZONE_PARK_ESR 323760	22.32 1.11 0.00	22.06 1.03 0.00	22.98 1.00 0.00	22.44 0.98 0.00	22.68 0.98 0.00	25.05 1.31 0.00	25.75 1.76 0.00	27.28 2.02 0.00	22.41 1.56 -0.37	24.07 1.34 0.00	27.65 1.50 0.00	25.16 1.43 0.00	25.32 1.42 0.00	22.13 1.20 0.00	21.26 1.17 -0.21	23.44 1.20 0.00	34.37 1.71 0.00	27.95 1.57 0.00	29.04 1.82 0.00	30.72 2.13 0.00	32.87 2.27 0.00	30.64 1.89 0.00	24.80 1.49 0.00	25.05 1.13 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	19.26 -1.95 0.00	19.03 -2.00 0.00	19.87 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.10 -3.16 0.00	18.10 -2.38 0.00	20.26 -2.47 0.00	23.33 -2.82 0.00	21.30 -2.43 0.00	21.33 -2.57 0.00	18.73 -2.19 0.00	54.36 -2.46 -36.95	19.93 -2.31 0.00	29.38 -3.29 0.00	23.45 -2.93 0.00	24.08 -3.15 0.00	25.25 -3.34 0.00	27.36 -3.23 0.00	25.81 -2.95 0.00	21.37 -1.94 0.00	22.58 -1.34 0.00
PACKARD__115KV_DUPONT_184 80571	19.26 -1.95 0.00	19.03 -2.00 0.00	19.87 -2.11 0.00	19.32 -2.15 0.00	19.71 -1.99 0.00	21.67 -2.07 0.00	21.43 -2.55 0.00	22.10 -3.16 0.00	18.10 -2.38 0.00	20.26 -2.47 0.00	23.33 -2.82 0.00	21.30 -2.43 0.00	21.33 -2.57 0.00	18.73 -2.19 0.00	54.36 -2.46 -36.95	19.93 -2.31 0.00	29.38 -3.29 0.00	23.45 -2.93 0.00	24.08 -3.15 0.00	25.25 -3.34 0.00	27.36 -3.23 0.00	25.81 -2.95 0.00	21.37 -1.94 0.00	22.58 -1.34 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.19 0.98 0.00	21.96 0.93 0.00	22.88 0.90 0.00	22.35 0.89 0.00	22.58 0.89 0.00	24.92 1.18 0.00	25.54 1.55 0.00	26.98 1.71 0.00	22.20 1.35 -0.37	23.82 1.09 0.00	27.35 1.20 0.00	24.89 1.16 0.00	25.06 1.16 0.00	21.90 0.97 0.00	21.05 0.97 -0.22	23.19 0.96 0.00	33.98 1.31 0.00	27.66 1.28 0.00	28.72 1.49 0.00	30.40 1.80 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.55 1.23 0.00	24.79 0.88 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.19 0.98 0.00	21.96 0.93 0.00	22.90 0.92 0.00	22.37 0.91 0.00	22.62 0.93 0.00	24.98 1.24 0.00	25.62 1.63 0.00	27.01 1.75 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.35 1.20 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.90 0.97 0.00	21.06 0.97 -0.22	23.19 0.96 0.00	33.98 1.32 0.00	27.66 1.28 0.00	28.72 1.50 0.00	30.40 1.80 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.80 0.88 0.00
PATROON__115KV_TB1 80586	22.02 0.81 0.00	21.89 0.86 0.00	22.86 0.89 0.00	22.33 0.87 0.00	22.57 0.88 0.00	24.67 0.92 0.00	25.24 1.25 0.00	26.76 1.49 0.00	24.45 1.24 -2.73	23.84 1.10 0.00	27.25 1.11 0.00	24.75 1.02 0.00	24.90 1.01 0.00	21.74 0.82 0.00	20.70 0.83 0.00	23.17 0.93 0.00	34.08 1.41 0.00	27.67 1.29 0.00	28.67 1.45 0.00	30.19 1.59 0.00	32.26 1.66 0.00	30.23 1.47 0.00	24.38 1.07 0.00	24.77 0.86 0.00
PATTRSNVILLE__SOLAR 323815	21.85 0.64 0.00	21.66 0.63 0.00	22.62 0.64 0.00	22.11 0.64 0.00	22.35 0.65 0.00	24.52 0.78 0.00	24.94 0.96 0.00	26.33 1.06 0.00	25.70 0.82 -4.40	23.47 0.74 0.00	26.87 0.72 0.00	24.32 0.59 0.00	24.51 0.61 0.00	21.40 0.48 0.00	20.36 0.49 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.28 0.91 0.00	28.25 1.02 0.00	29.74 1.15 0.00	31.81 1.22 0.00	29.78 1.03 0.00	24.08 0.77 0.00	24.59 0.68 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	20.15 -1.07 0.00	19.91 -1.13 0.00	20.78 -1.20 0.00	20.24 -1.23 0.00	20.61 -1.08 0.00	22.71 -1.03 0.00	22.68 -1.31 0.00	23.55 -1.71 0.00	19.29 -1.18 0.00	21.58 -1.16 0.00	24.90 -1.24 0.00	22.59 -1.14 0.00	22.73 -1.17 0.00	19.94 -0.98 0.00	53.43 -1.24 -34.80	21.27 -0.97 0.00	31.40 -1.27 0.00	25.05 -1.33 0.00	25.82 -1.41 0.00	27.44 -1.15 0.00	29.31 -1.28 0.00	27.52 -1.23 0.00	22.56 -0.75 0.00	23.59 -0.32 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.22 1.00 0.00	21.97 0.94 0.00	22.91 0.93 0.00	22.38 0.92 0.00	22.60 0.91 0.00	24.94 1.20 0.00	25.59 1.61 0.00	27.12 1.85 0.00	22.32 1.46 -0.39	24.00 1.27 0.00	27.47 1.32 0.00	24.94 1.21 0.00	25.07 1.17 0.00	21.88 0.96 0.00	20.86 0.93 -0.06	23.23 0.99 0.00	34.09 1.43 0.00	27.76 1.38 0.00	28.85 1.63 0.00	30.50 1.91 0.00	32.63 2.03 0.00	30.41 1.66 0.00	24.57 1.26 0.00	24.87 0.95 0.00
PEEKSKILL____ 23653	21.98 0.77 0.00	21.74 0.70 0.00	22.66 0.68 0.00	22.13 0.67 0.00	22.35 0.65 0.00	24.64 0.90 0.00	25.28 1.29 0.00	26.78 1.52 0.00	22.00 1.16 -0.36	23.66 0.93 0.00	27.16 1.02 0.00	24.72 0.99 0.00	24.87 0.97 0.00	21.73 0.81 0.00	20.91 0.78 -0.26	23.04 0.80 0.00	33.82 1.15 0.00	27.52 1.14 0.00	28.59 1.36 0.00	30.24 1.64 0.00	32.35 1.76 0.00	30.17 1.42 0.00	24.43 1.12 0.00	24.71 0.79 0.00
PGE MADISON__WINDPWR 24146	22.19 0.97 0.00	21.74 0.71 0.00	23.17 1.20 0.00	22.47 1.00 0.00	22.72 1.03 0.00	25.38 1.64 0.00	25.57 1.58 0.00	26.92 1.66 0.00	21.82 1.08 -0.27	23.83 1.10 0.00	27.60 1.45 0.00	25.16 1.26 -0.17	25.30 1.40 0.00	22.21 1.29 0.00	20.95 1.08 0.00	23.39 1.15 0.00	34.42 1.75 -0.01	28.11 1.53 -0.20	29.12 1.45 -0.44	30.17 1.50 -0.07	32.46 1.81 -0.05	30.01 1.16 -0.10	24.49 0.78 -0.40	24.90 0.82 -0.16
PIERCEFIELD__HYD 23852	20.65 -0.57 0.00	20.46 -0.57 0.00	21.42 -0.56 0.00	20.95 -0.52 0.00	21.18 -0.51 0.00	23.11 -0.63 0.00	23.18 -0.81 0.00	24.23 -1.03 0.00	19.54 -0.93 0.00	21.96 -0.77 0.00	25.48 -0.66 0.00	23.10 -0.64 0.00	23.16 -0.73 0.00	20.26 -0.67 0.00	19.26 -0.61 0.00	21.55 -0.70 0.00	31.64 -1.03 0.00	25.32 -1.06 0.00	16.52 -1.35 9.36	12.93 -1.50 14.17	20.65 -1.61 8.34	26.63 -1.39 0.73	22.18 -1.13 0.00	22.86 -1.05 0.00
PINELAWN_CC_1 323563	23.82 1.24 -1.37	22.19 1.16 0.00	23.08 1.10 0.00	22.52 1.06 0.00	22.71 1.02 0.00	25.07 1.33 0.00	25.88 1.89 0.00	27.35 2.09 0.00	22.35 1.50 -0.37	23.91 1.17 0.00	27.61 1.47 0.00	25.12 1.39 0.00	25.27 1.38 0.00	22.09 1.17 0.00	21.33 1.24 -0.22	23.52 1.28 0.00	34.53 1.87 0.00	28.36 1.75 -0.23	34.26 2.09 -4.95	31.75 2.50 -0.66	37.47 2.62 -4.26	32.95 2.12 -2.09	26.60 1.73 -1.55	26.84 1.40 -1.53

PJM_GEN_HTP_PROXY 323702	22.11 0.90 0.00	21.86 0.83 0.00	22.79 0.81 0.00	22.26 0.79 0.00	23.16 0.79 -0.68	24.83 1.09 0.00	25.50 1.52 0.00	27.01 1.74 0.00	18.39 1.35 3.43	23.83 1.10 0.00	27.38 1.24 0.00	24.93 1.20 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.07 0.98 -0.22	23.01 0.99 0.21	34.06 1.39 0.00	27.87 1.31 -0.18	28.75 1.52 0.00	30.41 1.82 0.00	32.61 1.93 -0.08	30.32 1.56 0.00	24.55 1.24 0.00	24.81 0.89 0.00
PJM_GEN_KEystone 24065	20.96 -0.25 0.00	20.72 -0.31 0.00	21.62 -0.35 0.00	21.10 -0.36 0.00	22.05 -0.32 -0.68	23.59 -0.15 0.00	23.94 -0.05 0.00	25.19 -0.07 0.00	16.87 -0.04 3.57	22.54 -0.20 0.00	28.48 -0.21 -2.55	20.13 -0.22 3.38	23.69 -0.20 0.01	20.73 -0.19 0.00	19.26 -0.30 0.31	21.83 -0.21 0.20	32.39 -0.25 0.03	25.41 -0.22 0.75	24.76 -0.15 2.32	29.27 0.03 -0.64	30.63 0.17 0.14	28.30 -0.01 0.45	21.59 0.08 1.80	23.24 0.03 0.71
PJM_GEN_NEPTUNE_PROXY 323594	22.23 1.02 0.00	21.97 0.94 0.00	22.86 0.89 0.00	22.32 0.86 0.00	23.18 0.81 -0.68	24.83 1.09 0.00	25.57 1.59 0.00	27.05 1.78 0.00	18.34 1.30 3.43	23.74 1.01 0.00	27.36 1.22 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.12 1.03 -0.22	23.09 1.06 0.21	34.18 1.51 0.00	28.01 1.45 -0.18	29.69 1.73 -0.74	31.03 2.08 -0.36	33.51 2.20 -0.72	30.81 1.76 -0.30	24.75 1.44 0.00	25.03 1.11 0.00
PJM_GEN_VFT_PROXY 323633	22.03 0.81 0.00	21.76 0.72 0.00	22.67 0.69 0.00	22.15 0.68 0.00	23.05 0.67 -0.68	24.71 0.97 0.00	25.38 1.40 0.00	26.87 1.60 0.00	18.27 1.23 3.43	23.69 0.95 0.00	27.20 1.06 0.00	24.56 1.04 0.21	24.82 1.02 0.10	21.78 0.86 0.00	20.95 0.86 -0.21	22.87 0.84 0.21	33.83 1.16 0.00	27.70 1.14 -0.18	28.59 1.36 0.00	30.24 1.64 0.00	32.43 1.75 -0.08	30.16 1.41 0.00	24.44 1.12 0.00	24.68 0.77 0.00
PLATSBRG_115KV_PMLD1 355749	21.62 0.40 0.00	21.39 0.35 0.00	22.37 0.39 0.00	21.99 0.53 0.00	22.25 0.56 0.00	24.36 0.62 0.00	24.44 0.45 0.00	24.75 -0.52 0.00	19.66 -0.82 0.00	22.52 -0.22 0.00	26.93 0.79 0.00	24.47 0.74 0.00	24.60 0.70 0.00	21.58 0.66 0.00	20.58 0.70 0.00	22.73 0.49 0.00	32.84 0.17 0.00	26.22 -0.16 0.00	23.38 -0.70 3.15	22.85 -0.98 4.76	26.66 -1.13 2.80	27.70 -0.81 0.24	22.62 -0.69 0.00	23.37 -0.55 0.00
PLEASANTVLY__LBMP 24000	21.81 0.60 0.00	21.60 0.57 0.00	22.52 0.55 0.00	22.01 0.54 0.00	22.21 0.52 0.00	24.43 0.69 0.00	25.05 1.06 0.00	26.54 1.27 0.00	21.88 1.01 -0.39	23.52 0.78 0.00	26.97 0.83 0.00	24.55 0.82 0.00	24.71 0.81 0.00	21.57 0.65 0.00	20.57 0.63 -0.07	22.88 0.64 0.00	33.60 0.93 0.00	27.33 0.95 0.00	28.39 1.16 0.00	30.00 1.40 0.00	32.08 1.49 0.00	29.94 1.19 0.00	24.20 0.89 0.00	24.50 0.59 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.00 0.79 0.00	21.76 0.73 0.00	22.69 0.71 0.00	22.16 0.69 0.00	22.38 0.68 0.00	24.66 0.92 0.00	25.30 1.32 0.00	26.81 1.54 0.00	22.05 1.20 -0.37	23.71 0.98 0.00	27.21 1.07 0.00	24.76 1.03 0.00	24.92 1.03 0.00	21.77 0.84 0.00	20.85 0.81 -0.16	23.08 0.84 0.00	33.89 1.22 0.00	27.56 1.18 0.00	28.64 1.41 0.00	30.26 1.67 0.00	32.38 1.79 0.00	30.20 1.44 0.00	24.43 1.11 0.00	24.70 0.79 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.00 0.79 0.00	21.76 0.73 0.00	22.69 0.71 0.00	22.16 0.69 0.00	22.38 0.68 0.00	24.66 0.92 0.00	25.30 1.32 0.00	26.81 1.54 0.00	22.05 1.20 -0.37	23.71 0.98 0.00	27.21 1.07 0.00	24.76 1.03 0.00	24.92 1.03 0.00	21.77 0.84 0.00	20.85 0.81 -0.16	23.08 0.84 0.00	33.89 1.22 0.00	27.56 1.18 0.00	28.64 1.41 0.00	30.26 1.67 0.00	32.38 1.79 0.00	30.20 1.44 0.00	24.43 1.11 0.00	24.70 0.79 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	21.98 0.76 0.00	21.74 0.71 0.00	22.67 0.69 0.00	22.15 0.69 0.00	22.36 0.67 0.00	24.61 0.87 0.00	25.24 1.25 0.00	26.73 1.46 0.00	22.08 1.17 -0.43	23.69 0.96 0.00	27.15 1.01 0.00	24.66 0.93 0.00	24.84 0.93 0.00	21.70 0.77 0.00	20.62 0.75 0.00	23.03 0.79 0.00	33.82 1.15 0.00	27.54 1.16 0.00	28.64 1.42 0.00	30.28 1.68 0.00	32.38 1.79 0.00	30.18 1.42 0.00	24.38 1.06 0.00	24.67 0.75 0.00
POLETTI____ 23519	22.12 0.90 0.00	21.86 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.78 0.00	24.83 1.08 0.00	25.50 1.51 0.00	27.00 1.73 0.00	22.18 1.34 -0.37	23.83 1.09 0.00	27.38 1.24 0.00	24.92 1.18 0.00	25.08 1.18 0.00	21.92 0.99 0.00	21.06 0.98 -0.21	23.22 0.98 0.00	34.03 1.36 0.00	27.64 1.26 0.00	28.71 1.49 0.00	30.36 1.77 0.00	32.47 1.88 0.00	30.27 1.52 0.00	24.52 1.21 0.00	24.77 0.85 0.00
POMONA____ESR 323819	22.02 0.80 0.00	21.76 0.73 0.00	22.68 0.71 0.00	22.16 0.69 0.00	22.37 0.68 0.00	24.67 0.93 0.00	25.30 1.31 0.00	26.79 1.53 0.00	21.99 1.16 -0.36	23.67 0.93 0.00	27.18 1.03 0.00	24.72 0.99 0.00	24.87 0.97 0.00	21.74 0.81 0.00	20.35 0.77 0.29	23.05 0.81 0.00	33.83 1.16 0.00	27.51 1.13 0.00	28.58 1.36 0.00	30.24 1.64 0.00	32.37 1.78 0.00	30.19 1.44 0.00	24.45 1.13 0.00	24.73 0.82 0.00
PORT_JEFF_3 23555	23.14 1.27 -0.65	22.25 1.22 0.00	23.11 1.14 0.00	22.55 1.09 0.00	22.74 1.04 0.00	25.11 1.37 0.00	26.01 2.02 0.00	27.42 2.15 0.00	22.36 1.51 -0.37	23.87 1.13 0.00	27.56 1.42 0.00	25.11 1.38 0.00	25.24 1.35 0.00	22.07 1.15 0.00	21.34 1.25 -0.22	23.53 1.29 0.00	34.50 1.83 0.00	28.23 1.74 -0.11	31.81 2.13 -2.46	31.70 2.63 -0.48	35.43 2.72 -2.11	31.90 2.12 -1.03	25.82 1.76 -0.74	26.10 1.45 -0.73
PORT_JEFF_4 23616	23.14 1.27 -0.65	22.25 1.22 0.00	23.11 1.14 0.00	22.55 1.09 0.00	22.74 1.04 0.00	25.11 1.37 0.00	26.01 2.02 0.00	27.42 2.15 0.00	22.36 1.51 -0.37	23.87 1.13 0.00	27.56 1.42 0.00	25.11 1.38 0.00	25.24 1.35 0.00	22.07 1.15 0.00	21.34 1.25 -0.22	23.53 1.29 0.00	34.50 1.83 0.00	28.23 1.74 -0.11	31.81 2.13 -2.46	31.70 2.63 -0.48	35.43 2.72 -2.11	31.90 2.12 -1.03	25.82 1.76 -0.74	26.10 1.45 -0.73
PORT_JEFF_IC 23713	23.17 1.28 -0.68	22.25 1.23 0.00	23.13 1.15 0.00	22.57 1.10 0.00	22.75 1.05 0.00	25.12 1.38 0.00	27.42 2.04 -1.39	27.43 2.17 0.00	22.37 1.53 -0.37	23.34 1.15 0.55	26.31 1.45 1.28	24.72 1.39 0.41	24.28 1.37 0.99	21.38 1.17 0.71	21.24 1.26 -0.11	23.49 1.31 0.06	33.68 1.87 0.85	28.03 1.77 0.12	31.92 2.16 -2.53	31.74 2.66 -0.49	35.52 2.75 -2.18	31.96 2.15 -1.07	25.86 1.78 -0.77	26.13 1.46 -0.75
PPL PILGRIM_ST_GT1 24216	23.35 1.37 -0.77	22.31 1.28 0.00	23.20 1.22 0.00	22.64 1.18 0.00	22.83 1.14 0.00	25.21 1.46 0.00	26.05 2.06 0.00	27.50 2.24 0.00	22.46 1.61 -0.37	24.02 1.28 0.00	27.74 1.60 0.00	25.27 1.53 0.00	25.40 1.50 0.00	22.22 1.29 0.00	21.45 1.36 -0.22	23.66 1.42 0.00	34.72 2.05 0.00	28.41 1.90 -0.13	32.36 2.26 -2.87	31.82 2.72 -0.51	35.91 2.84 -2.48	32.24 2.28 -1.21	26.06 1.87 -0.88	26.33 1.55 -0.86

PPL PILGRIM_ST_GT2 24217	23.35 1.37 -0.77	22.31 1.28 0.00	23.20 1.22 0.00	22.64 1.18 0.00	22.83 1.14 0.00	25.21 1.46 0.00	26.05 2.06 0.00	27.50 2.24 0.00	22.46 1.61 -0.37	24.02 1.28 0.00	27.74 1.60 0.00	25.27 1.53 0.00	25.40 1.50 0.00	22.22 1.29 0.00	21.45 1.36 -0.22	23.66 1.42 0.00	34.72 2.05 0.00	28.41 1.90 -0.13	32.36 2.26 -2.87	31.82 2.72 -0.51	35.91 2.84 -2.48	32.24 2.28 -1.21	26.06 1.87 -0.88	26.33 1.55 -0.86
PPL_SHRM_GT3 24213	23.08 1.20 -0.67	22.20 1.17 0.00	23.06 1.08 0.00	22.49 1.03 0.00	22.66 0.97 0.00	25.03 1.29 0.00	39.27 2.13 -13.15	27.40 2.14 0.00	22.27 1.43 -0.37	18.46 0.92 5.20	15.20 1.13 12.07	21.05 1.13 3.82	15.67 1.10 9.34	15.14 0.93 6.70	20.09 1.06 0.84	22.77 1.06 0.53	26.08 1.49 8.07	25.83 1.53 2.09	31.72 1.99 -2.50	31.67 2.59 -0.48	35.42 2.68 -2.16	31.74 1.94 -1.05	25.71 1.64 -0.76	26.05 1.39 -0.74
PPL_SHRM_GT4 24214	23.08 1.20 -0.67	22.20 1.17 0.00	23.06 1.08 0.00	22.49 1.03 0.00	22.66 0.97 0.00	25.03 1.29 0.00	39.27 2.13 -13.15	27.40 2.14 0.00	22.27 1.43 -0.37	18.46 0.92 5.20	15.20 1.13 12.07	21.05 1.13 3.82	15.67 1.10 9.34	15.14 0.93 6.70	20.09 1.06 0.84	22.77 1.06 0.53	26.08 1.49 8.07	25.83 1.53 2.09	31.72 1.99 -2.50	31.67 2.59 -0.48	35.42 2.68 -2.16	31.74 1.94 -1.05	25.71 1.64 -0.76	26.05 1.39 -0.74
PROJECT___ORANGE 1 24174	20.81 -0.41 0.00	20.61 -0.42 0.00	21.54 -0.43 0.00	21.03 -0.44 0.00	21.30 -0.40 0.00	23.37 -0.37 0.00	23.59 -0.40 0.00	24.87 -0.40 0.00	20.19 -0.29 0.00	22.40 -0.34 0.00	25.73 -0.41 0.00	23.31 -0.43 0.00	23.48 -0.42 0.00	20.61 -0.31 0.00	19.53 -0.34 0.00	21.91 -0.33 0.00	32.20 -0.47 0.00	26.00 -0.38 0.00	26.87 -0.36 0.00	28.29 -0.31 0.00	30.30 -0.29 0.00	28.40 -0.36 0.00	23.03 -0.28 0.00	23.81 -0.10 0.00
PROJECT___ORANGE 2 24166	20.81 -0.41 0.00	20.61 -0.42 0.00	21.54 -0.43 0.00	21.03 -0.44 0.00	21.30 -0.40 0.00	23.37 -0.37 0.00	23.59 -0.40 0.00	24.87 -0.40 0.00	20.19 -0.29 0.00	22.40 -0.34 0.00	25.73 -0.41 0.00	23.31 -0.43 0.00	23.48 -0.42 0.00	20.61 -0.31 0.00	19.53 -0.34 0.00	21.91 -0.33 0.00	32.20 -0.47 0.00	26.00 -0.38 0.00	26.87 -0.36 0.00	28.29 -0.31 0.00	30.30 -0.29 0.00	28.40 -0.36 0.00	23.03 -0.28 0.00	23.81 -0.10 0.00
PUCKETT___SOLAR 323809	21.14 0.01 0.08	20.80 -0.14 0.10	21.94 0.05 0.08	21.35 -0.04 0.08	21.57 -0.02 0.10	23.99 0.26 0.01	24.23 0.24 0.00	25.51 0.25 0.00	20.79 0.10 -0.21	22.74 0.00 0.00	26.21 0.06 0.00	23.90 -0.07 -0.24	23.94 0.05 0.00	21.06 0.13 0.00	19.93 0.06 0.00	22.35 0.11 0.00	32.86 0.19 -0.01	26.84 0.18 -0.28	28.03 0.19 -0.62	28.97 0.27 -0.10	31.02 0.35 -0.07	28.97 0.08 -0.14	23.90 0.02 -0.57	24.21 0.07 -0.22
PYRITES___HYD 24023	21.22 0.00 0.00	21.02 -0.01 0.00	21.99 0.01 0.00	21.49 0.02 0.00	21.76 0.06 0.00	23.76 0.02 0.00	23.85 -0.13 0.00	24.95 -0.31 0.00	20.11 -0.36 0.00	22.50 -0.24 0.00	26.02 -0.12 0.00	23.60 -0.13 0.00	23.64 -0.26 0.00	20.69 -0.23 0.00	19.65 -0.22 0.00	22.07 -0.17 0.00	32.52 -0.14 0.00	26.08 -0.30 0.00	18.04 -0.54 8.64	14.89 -0.62 13.08	22.23 -0.66 7.70	27.55 -0.53 0.67	22.87 -0.45 0.00	23.54 -0.37 0.00
QUAKERRD_115KV_BK1 80622	19.93 -1.28 0.00	19.73 -1.30 0.00	20.60 -1.38 0.00	20.09 -1.37 0.00	20.41 -1.28 0.00	22.44 -1.30 0.00	22.56 -1.43 0.00	23.65 -1.61 0.00	19.27 -1.21 0.00	21.40 -1.33 0.00	24.56 -1.59 0.00	22.26 -1.47 0.00	22.39 -1.51 0.00	19.66 -1.27 0.00	-2997.17 -1.66 3015.38	20.64 -1.60 0.00	30.42 -2.25 0.00	24.42 -1.96 0.00	25.16 -2.07 0.00	26.81 -1.79 0.00	28.86 -1.73 0.00	27.07 -1.68 0.00	22.03 -1.28 0.00	22.94 -0.98 0.00
QUENSBRY_115KV_TB8 356137	22.13 0.91 0.00	22.06 1.03 0.00	23.04 1.06 0.00	22.52 1.05 0.00	22.79 1.09 0.00	25.11 1.36 0.00	25.76 1.78 0.00	27.29 2.03 0.00	26.25 1.58 -4.20	24.10 1.37 0.00	27.42 1.27 0.00	24.86 1.13 0.00	24.99 1.09 0.00	21.83 0.91 0.00	20.71 0.84 0.00	23.11 0.87 0.00	34.10 1.43 0.00	27.88 1.50 0.00	28.95 1.73 0.00	30.42 1.83 0.00	32.46 1.87 0.00	30.30 1.55 0.00	24.30 0.99 0.00	24.69 0.78 0.00
RAMAPO___LBMP 323565	21.94 0.72 0.00	21.68 0.65 0.00	22.60 0.63 0.00	22.08 0.62 0.00	22.30 0.60 0.00	24.58 0.84 0.00	25.20 1.22 0.00	26.68 1.42 0.00	21.90 1.07 -0.35	23.57 0.83 0.00	27.07 0.92 0.00	24.61 0.88 0.00	24.77 0.87 0.00	21.64 0.72 0.00	20.27 0.68 0.28	22.94 0.70 0.00	33.69 1.02 0.00	27.40 1.02 0.00	28.48 1.25 0.00	30.12 1.53 0.00	32.25 1.65 0.00	30.08 1.33 0.00	24.37 1.06 0.00	24.64 0.73 0.00
RANKINE____ 23646	19.77 -1.45 0.00	19.52 -1.51 0.00	20.39 -1.59 0.00	19.85 -1.62 0.00	20.22 -1.47 0.00	22.31 -1.44 0.00	22.22 -1.77 0.00	23.03 -2.24 0.00	18.87 -1.60 0.00	21.12 -1.61 0.00	24.38 -1.77 0.00	22.12 -1.61 0.00	22.26 -1.64 0.00	19.54 -1.38 0.00	53.80 -1.65 -35.58	20.83 -1.41 0.00	30.74 -1.93 0.00	24.50 -1.88 0.00	25.17 -2.06 0.00	26.42 -2.17 0.00	28.65 -1.94 0.00	26.95 -1.80 0.00	22.09 -1.22 0.00	23.20 -0.71 0.00
RAVENSWOOD_GT2_1 24244	22.12 0.91 0.00	21.87 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.82 1.08 0.00	25.49 1.50 0.00	27.00 1.73 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 1.00 0.00	21.06 0.97 -0.21	23.23 0.99 0.00	34.05 1.39 0.00	27.69 1.31 0.00	28.76 1.54 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.25 0.00	24.81 0.90 0.00
RAVENSWOOD_GT2_2 24245	22.12 0.91 0.00	21.87 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.82 1.08 0.00	25.49 1.50 0.00	27.00 1.73 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 1.00 0.00	21.06 0.97 -0.21	23.23 0.99 0.00	34.05 1.39 0.00	27.69 1.31 0.00	28.76 1.54 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.25 0.00	24.81 0.90 0.00
RAVENSWOOD_GT2_3 24246	22.13 0.91 0.00	21.87 0.84 0.00	22.80 0.82 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.83 1.09 0.00	25.50 1.51 0.00	27.01 1.75 0.00	22.20 1.35 -0.37	23.85 1.11 0.00	27.40 1.26 0.00	24.93 1.20 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.07 0.98 -0.21	23.24 1.00 0.00	34.07 1.41 0.00	27.70 1.32 0.00	28.78 1.55 0.00	30.43 1.84 0.00	32.55 1.96 0.00	30.34 1.59 0.00	24.57 1.26 0.00	24.82 0.91 0.00
RAVENSWOOD_GT2_4 24247	22.13 0.91 0.00	21.87 0.84 0.00	22.80 0.82 0.00	22.27 0.80 0.00	22.49 0.80 0.00	24.83 1.09 0.00	25.50 1.51 0.00	27.01 1.75 0.00	22.20 1.35 -0.37	23.85 1.11 0.00	27.40 1.26 0.00	24.93 1.20 0.00	25.09 1.20 0.00	21.93 1.00 0.00	21.07 0.98 -0.21	23.24 1.00 0.00	34.07 1.41 0.00	27.70 1.32 0.00	28.78 1.55 0.00	30.43 1.84 0.00	32.55 1.96 0.00	30.34 1.59 0.00	24.57 1.26 0.00	24.82 0.91 0.00

RAVENSWOOD_GT3_1 24248	22.12 0.91 0.00	21.87 0.83 0.00	22.79 0.81 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.82 1.08 0.00	25.49 1.50 0.00	27.00 1.73 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.06 0.97 -0.21	23.23 0.99 0.00	34.05 1.39 0.00	27.69 1.31 0.00	28.76 1.54 0.00	30.41 1.81 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.25 0.00	24.81 0.90 0.00
RAVENSWOOD_GT3_2 24249	22.12 0.91 0.00	21.87 0.83 0.00	22.79 0.81 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.82 1.08 0.00	25.49 1.50 0.00	27.00 1.73 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.06 0.97 -0.21	23.23 0.99 0.00	34.05 1.39 0.00	27.69 1.31 0.00	28.76 1.54 0.00	30.41 1.81 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.25 0.00	24.81 0.90 0.00
RAVENSWOOD_GT3_3 24250	22.15 0.93 0.00	21.89 0.86 0.00	22.82 0.84 0.00	22.29 0.82 0.00	22.51 0.82 0.00	24.85 1.11 0.00	25.53 1.54 0.00	27.03 1.77 0.00	22.22 1.37 -0.37	23.87 1.14 0.00	27.43 1.29 0.00	24.96 1.23 0.00	25.12 1.22 0.00	21.95 1.03 0.00	21.09 1.00 -0.21	23.26 1.02 0.00	34.10 1.44 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.46 1.87 0.00	32.59 1.99 0.00	30.38 1.62 0.00	24.59 1.28 0.00	24.85 0.93 0.00
RAVENSWOOD_GT3_4 24251	22.15 0.93 0.00	21.89 0.86 0.00	22.82 0.84 0.00	22.29 0.82 0.00	22.51 0.82 0.00	24.85 1.11 0.00	25.53 1.54 0.00	27.03 1.77 0.00	22.22 1.37 -0.37	23.87 1.14 0.00	27.43 1.29 0.00	24.96 1.23 0.00	25.12 1.22 0.00	21.95 1.03 0.00	21.09 1.00 -0.21	23.26 1.02 0.00	34.10 1.44 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.46 1.87 0.00	32.59 1.99 0.00	30.38 1.62 0.00	24.59 1.28 0.00	24.85 0.93 0.00
RAVENSWOOD_GT_1 23729	22.21 1.00 0.00	21.96 0.93 0.00	22.88 0.90 0.00	22.34 0.88 0.00	22.57 0.88 0.00	24.93 1.18 0.00	25.59 1.60 0.00	27.09 1.82 0.00	22.28 1.43 -0.37	23.94 1.21 0.00	27.50 1.36 0.00	25.03 1.30 0.00	25.19 1.29 0.00	22.01 1.09 0.00	21.16 1.07 -0.22	23.32 1.08 0.00	34.19 1.52 0.00	27.81 1.43 0.00	28.87 1.65 0.00	30.52 1.93 0.00	32.66 2.07 0.00	30.46 1.71 0.00	24.66 1.35 0.00	24.91 1.00 0.00
RAVENSWOOD_GT_10 24258	22.12 0.90 0.00	21.86 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.78 0.00	24.82 1.08 0.00	25.49 1.50 0.00	26.99 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 0.99 0.00	21.06 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.69 1.31 0.00	28.76 1.53 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.57 0.00	24.56 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_11 24259	22.12 0.90 0.00	21.86 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.78 0.00	24.82 1.08 0.00	25.49 1.50 0.00	26.99 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 0.99 0.00	21.06 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.69 1.31 0.00	28.76 1.53 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.57 0.00	24.56 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_4 24252	22.11 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.82 1.07 0.00	25.48 1.49 0.00	26.99 1.72 0.00	22.18 1.33 -0.37	23.83 1.09 0.00	27.37 1.23 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.05 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.68 1.30 0.00	28.75 1.53 0.00	30.40 1.81 0.00	32.53 1.93 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_5 24254	22.11 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.82 1.07 0.00	25.48 1.49 0.00	26.99 1.72 0.00	22.18 1.33 -0.37	23.83 1.09 0.00	27.37 1.23 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.05 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.68 1.30 0.00	28.75 1.53 0.00	30.40 1.81 0.00	32.53 1.93 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_6 24253	22.11 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.82 1.07 0.00	25.48 1.49 0.00	26.99 1.72 0.00	22.18 1.33 -0.37	23.83 1.09 0.00	27.37 1.23 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.05 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.68 1.30 0.00	28.75 1.53 0.00	30.40 1.81 0.00	32.53 1.93 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_7 24255	22.11 0.90 0.00	21.86 0.82 0.00	22.78 0.80 0.00	22.25 0.79 0.00	22.47 0.78 0.00	24.82 1.07 0.00	25.48 1.49 0.00	26.99 1.72 0.00	22.18 1.33 -0.37	23.83 1.09 0.00	27.37 1.23 0.00	24.91 1.18 0.00	25.08 1.18 0.00	21.91 0.99 0.00	21.05 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.68 1.30 0.00	28.75 1.53 0.00	30.40 1.81 0.00	32.53 1.93 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.12 0.90 0.00	21.86 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.78 0.00	24.82 1.08 0.00	25.49 1.50 0.00	26.99 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 0.99 0.00	21.06 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.69 1.31 0.00	28.76 1.53 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.57 0.00	24.56 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD_GT_9 24257	22.12 0.90 0.00	21.86 0.83 0.00	22.79 0.80 0.00	22.26 0.79 0.00	22.48 0.78 0.00	24.82 1.08 0.00	25.49 1.50 0.00	26.99 1.73 0.00	22.18 1.34 -0.37	23.83 1.10 0.00	27.38 1.24 0.00	24.92 1.19 0.00	25.08 1.18 0.00	21.92 0.99 0.00	21.06 0.97 -0.21	23.22 0.98 0.00	34.05 1.38 0.00	27.69 1.31 0.00	28.76 1.53 0.00	30.40 1.81 0.00	32.53 1.94 0.00	30.33 1.57 0.00	24.56 1.24 0.00	24.81 0.90 0.00
RAVENSWOOD____1 23533	22.16 0.94 0.00	21.91 0.88 0.00	22.82 0.85 0.00	22.29 0.83 0.00	22.52 0.83 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.04 1.77 0.00	22.23 1.39 -0.37	23.89 1.15 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.24 0.00	21.97 1.04 0.00	21.11 1.02 -0.22	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.47 1.87 0.00	32.60 2.01 0.00	30.39 1.64 0.00	24.60 1.29 0.00	24.85 0.93 0.00
RAVENSWOOD____2 23534	22.16 0.94 0.00	21.91 0.88 0.00	22.82 0.85 0.00	22.29 0.83 0.00	22.52 0.83 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.04 1.77 0.00	22.23 1.39 -0.37	23.89 1.15 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.24 0.00	21.97 1.04 0.00	21.11 1.02 -0.22	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.47 1.87 0.00	32.60 2.01 0.00	30.39 1.64 0.00	24.60 1.29 0.00	24.85 0.93 0.00

RAVENSWOOD___3 23535	22.12 0.91 0.00	21.87 0.84 0.00	22.79 0.81 0.00	22.26 0.79 0.00	22.48 0.79 0.00	24.82 1.08 0.00	25.49 1.50 0.00	27.00 1.73 0.00	22.19 1.34 -0.37	23.84 1.10 0.00	27.38 1.24 0.00	24.93 1.20 0.00	25.09 1.19 0.00	21.92 1.00 0.00	21.07 0.98 -0.21	23.23 0.99 0.00	34.05 1.39 0.00	27.70 1.31 0.00	28.76 1.53 0.00	30.42 1.82 0.00	32.53 1.94 0.00	30.33 1.58 0.00	24.56 1.25 0.00	24.81 0.90 0.00
RAVENSWOOD___4 23820	22.16 0.94 0.00	21.91 0.88 0.00	22.82 0.85 0.00	22.29 0.83 0.00	22.52 0.83 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.04 1.77 0.00	22.23 1.39 -0.37	23.89 1.15 0.00	27.44 1.29 0.00	24.98 1.25 0.00	25.13 1.24 0.00	21.97 1.04 0.00	21.11 1.02 -0.22	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.47 1.87 0.00	32.60 2.01 0.00	30.39 1.64 0.00	24.60 1.29 0.00	24.85 0.93 0.00
RCPL_TRUST___DRP 24196	22.14 0.93 0.00	21.89 0.86 0.00	22.82 0.84 0.00	22.29 0.82 0.00	22.51 0.82 0.00	24.87 1.12 0.00	25.54 1.56 0.00	27.06 1.79 0.00	22.23 1.38 -0.37	23.87 1.14 0.00	27.44 1.29 0.00	24.98 1.24 0.00	25.14 1.24 0.00	21.96 1.04 0.00	21.10 1.02 -0.22	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.58 0.00	30.46 1.86 0.00	32.57 1.97 0.00	30.36 1.61 0.00	24.59 1.27 0.00	24.84 0.93 0.00
RED___ROCHESTER 323720	20.35 -0.86 0.00	20.13 -0.90 0.00	21.02 -0.96 0.00	20.48 -0.99 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.33 -1.02 0.38	22.85 -1.05 0.00	20.07 -0.85 0.00	73.20 -1.05 -54.38	21.37 -0.87 0.00	31.48 -1.18 0.01	24.76 -1.15 0.48	24.94 -1.24 1.05	27.21 -1.20 0.18	29.42 -1.07 0.11	27.47 -1.05 0.23	21.65 -0.75 0.91	23.18 -0.38 0.36
REGAN___SOLAR 323812	23.22 2.00 0.00	22.92 1.89 0.00	23.90 1.92 0.00	23.37 1.91 0.00	23.72 2.02 0.00	26.21 2.47 0.00	26.61 2.63 0.00	28.03 2.76 0.00	26.44 2.05 -3.91	24.96 2.22 0.00	28.44 2.29 0.00	25.40 1.67 0.00	25.64 1.74 0.00	22.20 1.28 0.00	21.13 1.25 0.00	24.09 1.85 0.00	35.33 2.66 0.00	29.06 2.68 0.00	30.17 2.94 0.00	31.80 3.21 0.00	33.99 3.39 0.00	31.76 3.01 0.00	25.61 2.30 0.00	26.31 2.39 0.00
RENSSELAER___COGEN 23796	21.90 0.68 0.00	21.76 0.73 0.00	22.72 0.75 0.00	22.21 0.74 0.00	22.43 0.73 0.00	24.51 0.77 0.00	25.07 1.08 0.00	26.58 1.31 0.00	24.09 1.08 -2.54	23.67 0.93 0.00	27.05 0.91 0.00	24.57 0.84 0.00	24.73 0.83 0.00	21.58 0.66 0.00	20.55 0.68 0.00	23.00 0.76 0.00	33.81 1.14 0.00	27.45 1.07 0.00	28.46 1.23 0.00	29.98 1.38 0.00	32.03 1.44 0.00	30.02 1.26 0.00	24.23 0.92 0.00	24.62 0.70 0.00
REPUBLIC_115KV_BARTNBRK 55605	22.91 1.70 0.00	22.82 1.79 0.00	23.78 1.81 0.00	23.27 1.80 0.00	23.54 1.85 0.00	26.16 2.42 0.00	27.06 3.07 0.00	28.68 3.41 0.00	27.30 2.64 -4.18	25.06 2.32 0.00	28.33 2.19 0.00	25.72 1.99 0.00	25.87 1.97 0.00	22.52 1.60 0.00	21.41 1.54 0.00	23.75 1.51 0.00	35.23 2.56 0.00	29.12 2.74 0.00	30.33 3.10 0.00	31.74 3.15 0.00	33.75 3.16 0.00	31.34 2.59 0.00	24.90 1.59 0.00	25.29 1.37 0.00
REVERE_CPPR_DRP 24186	21.65 0.43 0.00	21.46 0.42 0.00	22.43 0.45 0.00	21.92 0.45 0.00	22.18 0.48 0.00	24.38 0.64 0.00	24.85 0.86 0.00	26.30 1.04 0.00	21.28 0.80 0.00	23.44 0.70 0.00	26.86 0.71 0.00	24.22 0.48 0.00	24.26 0.36 0.00	21.20 0.27 0.00	20.16 0.28 0.00	22.64 0.40 0.00	33.51 0.84 0.00	27.15 0.77 0.00	35.82 0.86 -7.73	41.27 0.98 -11.69	38.56 1.09 -6.88	30.27 0.91 -0.60	23.94 0.63 0.00	24.54 0.62 0.00
REYNOLDS_115KV_TB3 80639	21.81 0.60 0.00	21.70 0.67 0.00	22.65 0.67 0.00	22.14 0.68 0.00	22.36 0.66 0.00	24.41 0.66 0.00	24.96 0.97 0.00	26.46 1.20 0.00	24.14 1.00 -2.66	23.57 0.83 0.00	26.94 0.79 0.00	24.49 0.76 0.00	24.65 0.75 0.00	21.51 0.59 0.00	20.47 0.60 0.00	22.91 0.67 0.00	33.67 1.00 0.00	27.33 0.95 0.00	28.34 1.11 0.00	29.84 1.24 0.00	31.88 1.28 0.00	29.89 1.14 0.00	24.13 0.82 0.00	24.51 0.60 0.00
RIVERBAY____ 323610	22.19 0.98 0.00	21.96 0.93 0.00	22.90 0.92 0.00	22.37 0.91 0.00	22.62 0.93 0.00	24.98 1.24 0.00	25.62 1.63 0.00	27.01 1.75 0.00	22.20 1.36 -0.37	23.82 1.09 0.00	27.35 1.20 0.00	24.89 1.16 0.00	25.07 1.17 0.00	21.90 0.97 0.00	21.06 0.97 -0.22	23.19 0.96 0.00	33.98 1.32 0.00	27.66 1.28 0.00	28.72 1.50 0.00	30.40 1.80 0.00	32.53 1.94 0.00	30.32 1.57 0.00	24.55 1.24 0.00	24.80 0.88 0.00
RIVERSDE_115KV_TB3 55908	21.90 0.68 0.00	21.77 0.74 0.00	22.74 0.76 0.00	22.22 0.75 0.00	22.44 0.74 0.00	24.51 0.77 0.00	25.07 1.08 0.00	26.58 1.31 0.00	24.29 1.09 -2.72	23.68 0.94 0.00	27.06 0.92 0.00	24.58 0.85 0.00	24.74 0.85 0.00	21.59 0.67 0.00	20.55 0.68 0.00	23.01 0.77 0.00	33.82 1.16 0.00	27.46 1.08 0.00	28.46 1.24 0.00	29.97 1.38 0.00	32.02 1.43 0.00	30.01 1.27 0.00	24.23 0.91 0.00	24.62 0.70 0.00
ROARING___BROOK_WT_PWR 323790	20.62 -0.60 0.00	20.51 -0.52 0.00	21.53 -0.44 0.00	21.00 -0.47 0.00	21.14 -0.56 0.00	23.06 -0.68 0.00	23.17 -0.82 0.00	24.32 -0.94 0.00	19.70 -0.78 0.00	22.05 -0.69 0.00	25.49 -0.65 0.00	23.29 -0.44 0.00	23.31 -0.59 0.00	20.55 -0.37 0.00	19.56 -0.32 0.00	21.83 -0.41 0.00	32.32 -0.35 0.00	25.83 -0.55 0.00	26.39 -0.83 0.00	27.53 -1.06 0.00	29.47 -1.13 0.00	27.65 -1.10 0.00	22.44 -0.88 0.00	23.12 -0.79 0.00
ROCHESRG_115KV_T4 355643	20.17 -1.05 0.00	19.95 -1.08 0.00	20.84 -1.14 0.00	20.31 -1.16 0.00	20.65 -1.04 0.00	22.71 -1.03 0.00	22.76 -1.23 0.00	23.81 -1.46 0.00	19.43 -1.05 0.00	21.62 -1.12 0.00	24.82 -1.32 0.00	22.51 -1.22 0.00	22.63 -1.27 0.00	19.88 -1.04 0.00	69.31 -1.19 -50.63	21.17 -1.07 0.00	31.18 -1.48 0.00	24.99 -1.39 0.00	25.70 -1.53 0.00	27.10 -1.49 0.00	29.20 -1.39 0.00	27.42 -1.34 0.00	22.35 -0.96 0.00	23.32 -0.59 0.00
ROCHESTER_9_IC 23652	20.27 -0.94 0.00	20.05 -0.98 0.00	20.94 -1.04 0.00	20.40 -1.06 0.00	20.76 -0.94 0.00	22.83 -0.91 0.00	22.89 -1.09 0.00	23.96 -1.31 0.00	19.55 -0.92 0.00	21.75 -0.99 0.00	24.96 -1.18 0.00	22.63 -1.10 0.00	22.76 -1.14 0.00	19.99 -0.93 0.00	73.16 -1.09 -54.38	21.28 -0.96 0.00	31.36 -1.31 0.00	25.13 -1.25 0.00	25.85 -1.38 0.00	27.26 -1.33 0.00	29.38 -1.21 0.00	27.58 -1.17 0.00	22.47 -0.84 0.00	23.44 -0.48 0.00
ROCKVIEW_13_KV_LD 356306	22.09 0.87 0.00	21.84 0.81 0.00	22.76 0.78 0.00	22.23 0.77 0.00	22.45 0.76 0.00	24.77 1.02 0.00	25.44 1.45 0.00	26.95 1.69 0.00	22.15 1.31 -0.37	23.83 1.09 0.00	27.36 1.22 0.00	24.89 1.16 0.00	25.06 1.16 0.00	21.90 0.98 0.00	21.03 0.94 -0.22	23.21 0.98 0.00	34.05 1.39 0.00	27.70 1.32 0.00	28.79 1.56 0.00	30.44 1.85 0.00	32.57 1.98 0.00	30.37 1.62 0.00	24.58 1.26 0.00	24.84 0.93 0.00

ROME____115KV_TB2 80656	21.65 0.43 0.00	21.46 0.42 0.00	22.43 0.45 0.00	21.92 0.45 0.00	22.18 0.48 0.00	24.38 0.64 0.00	24.85 0.86 0.00	26.30 1.04 0.00	21.28 0.80 0.00	23.44 0.70 0.00	26.86 0.71 0.00	24.22 0.48 0.00	24.26 0.36 0.00	21.20 0.27 0.00	20.16 0.28 0.00	22.64 0.40 0.00	33.51 0.84 0.00	27.15 0.77 0.00	35.82 0.86 -7.73	41.27 0.98 -11.69	38.56 1.09 -6.88	30.27 0.91 -0.60	23.94 0.63 0.00	24.54 0.62 0.00
ROSETON____1 23587	21.83 0.61 0.00	21.60 0.57 0.00	22.52 0.55 0.00	22.01 0.54 0.00	22.22 0.52 0.00	24.45 0.71 0.00	25.05 1.06 0.00	26.52 1.26 0.00	21.83 0.99 -0.36	23.50 0.77 0.00	26.96 0.82 0.00	24.53 0.80 0.00	24.69 0.79 0.00	21.57 0.65 0.00	20.50 0.63 0.00	22.88 0.64 0.00	33.59 0.92 0.00	27.31 0.93 0.00	28.36 1.14 0.00	29.97 1.38 0.00	32.07 1.47 0.00	29.92 1.17 0.00	24.21 0.90 0.00	24.52 0.60 0.00
ROSETON____2 23588	21.83 0.61 0.00	21.60 0.57 0.00	22.52 0.55 0.00	22.01 0.54 0.00	22.22 0.52 0.00	24.45 0.71 0.00	25.05 1.06 0.00	26.52 1.26 0.00	21.83 0.99 -0.36	23.50 0.77 0.00	26.96 0.82 0.00	24.53 0.80 0.00	24.69 0.79 0.00	21.57 0.65 0.00	20.50 0.63 0.00	22.88 0.64 0.00	33.59 0.92 0.00	27.31 0.93 0.00	28.36 1.14 0.00	29.97 1.38 0.00	32.07 1.47 0.00	29.92 1.17 0.00	24.21 0.90 0.00	24.52 0.60 0.00
ROTTRDAM_115KV_TB3 80664	21.69 0.47 0.00	21.53 0.49 0.00	22.48 0.51 0.00	21.97 0.50 0.00	22.19 0.50 0.00	24.33 0.59 0.00	24.78 0.79 0.00	26.19 0.92 0.00	25.74 0.73 -4.53	23.35 0.62 0.00	26.75 0.60 0.00	24.28 0.54 0.00	24.44 0.54 0.00	21.36 0.44 0.00	20.31 0.44 0.00	22.72 0.48 0.00	33.41 0.74 0.00	27.12 0.74 0.00	28.08 0.85 0.00	29.56 0.97 0.00	31.62 1.02 0.00	29.60 0.85 0.00	23.93 0.62 0.00	24.39 0.48 0.00
RUSSELL____1 23602	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
RUSSELL____2 23532	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
RUSSELL____3 23549	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
RUSSELL____4 23556	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
RUSSELL____STATION 23914	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
S SALMON____HYD 24043	20.49 -0.73 0.00	20.29 -0.74 0.00	21.22 -0.76 0.00	20.74 -0.73 0.00	21.01 -0.68 0.00	23.00 -0.74 0.00	23.25 -0.73 0.00	24.56 -0.71 0.00	19.88 -0.59 0.00	21.99 -0.74 0.00	25.33 -0.82 0.00	22.92 -0.81 0.00	22.91 -0.99 0.00	20.02 -0.90 0.00	19.03 -0.84 0.00	21.38 -0.86 0.00	31.37 -1.30 0.00	25.36 -1.03 0.00	19.45 -1.07 6.71	17.42 -1.02 10.16	23.59 -1.03 5.98	27.20 -1.03 0.52	22.49 -0.82 0.00	23.31 -0.60 0.00
S.PERRY__115KV_TB1 80734	20.52 -0.69 0.00	20.48 -0.54 0.00	21.27 -0.70 0.00	20.76 -0.70 0.00	21.21 -0.49 0.00	23.28 -0.47 0.00	23.56 -0.42 0.00	24.78 -0.48 0.00	20.14 -0.34 0.00	22.36 -0.38 0.00	25.44 -0.70 0.00	22.71 -1.02 0.00	23.05 -0.85 0.00	20.37 -0.55 0.00	19.21 -0.66 0.00	21.70 -0.54 0.00	32.04 -0.62 0.00	25.80 -0.58 0.00	26.80 -0.43 0.00	28.31 -0.29 0.00	30.36 -0.23 0.00	28.31 -0.44 0.00	23.00 -0.31 0.00	23.89 -0.02 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	19.62 -1.59 0.00	19.38 -1.65 0.00	20.24 -1.74 0.00	19.69 -1.78 0.00	20.07 -1.62 0.00	22.10 -1.64 0.00	21.96 -2.03 0.00	22.76 -2.50 0.00	18.66 -1.82 0.00	20.88 -1.86 0.00	24.07 -2.08 0.00	21.87 -1.86 0.00	21.99 -1.91 0.00	19.30 -1.62 0.00	54.02 -1.88 -36.02	20.57 -1.67 0.00	30.33 -2.34 0.00	24.16 -2.22 0.00	24.80 -2.43 0.00	26.09 -2.51 0.00	28.27 -2.33 0.00	26.61 -2.14 0.00	21.85 -1.46 0.00	23.00 -0.91 0.00
SAWYER____23_KV_LOAD 55526	19.62 -1.59 0.00	19.38 -1.65 0.00	20.24 -1.74 0.00	19.69 -1.78 0.00	20.07 -1.62 0.00	22.10 -1.64 0.00	21.96 -2.03 0.00	22.76 -2.50 0.00	18.66 -1.82 0.00	20.88 -1.86 0.00	24.07 -2.08 0.00	21.87 -1.86 0.00	21.99 -1.91 0.00	19.30 -1.62 0.00	54.02 -1.88 -36.02	20.57 -1.67 0.00	30.33 -2.34 0.00	24.16 -2.22 0.00	24.80 -2.43 0.00	26.09 -2.51 0.00	28.27 -2.33 0.00	26.61 -2.14 0.00	21.85 -1.46 0.00	23.00 -0.91 0.00
SELKIRK____I 23801	21.79 0.57 0.00	21.65 0.62 0.00	22.62 0.64 0.00	22.10 0.63 0.00	22.33 0.64 0.00	24.40 0.66 0.00	24.93 0.94 0.00	26.40 1.14 0.00	23.20 0.92 -1.80	23.53 0.80 0.00	26.91 0.77 0.00	24.43 0.69 0.00	24.61 0.72 0.00	21.51 0.58 0.00	20.46 0.59 0.00	22.90 0.66 0.00	33.67 1.00 0.00	27.31 0.93 0.00	28.30 1.07 0.00	29.80 1.21 0.00	31.85 1.25 0.00	29.85 1.10 0.00	24.13 0.81 0.00	24.57 0.65 0.00
SELKIRK____II 23799	21.72 0.51 0.00	21.57 0.54 0.00	22.52 0.55 0.00	22.01 0.55 0.00	22.23 0.54 0.00	24.32 0.57 0.00	24.84 0.86 0.00	26.32 1.05 0.00	23.30 0.86 -1.96	23.46 0.72 0.00	26.84 0.69 0.00	24.37 0.64 0.00	24.55 0.65 0.00	21.44 0.52 0.00	20.40 0.53 0.00	22.83 0.59 0.00	33.54 0.87 0.00	27.21 0.83 0.00	28.21 0.98 0.00	29.71 1.12 0.00	31.76 1.16 0.00	29.75 1.00 0.00	24.04 0.73 0.00	24.46 0.55 0.00

SENECA OSWGO___HYD 24041	20.69 -0.53 0.00	20.49 -0.54 0.00	21.42 -0.56 0.00	20.92 -0.55 0.00	21.18 -0.51 0.00	23.23 -0.51 0.00	23.48 -0.51 0.00	24.74 -0.52 0.00	20.07 -0.40 0.00	22.23 -0.51 0.00	25.52 -0.63 0.00	23.08 -0.65 0.00	23.24 -0.66 0.00	20.40 -0.53 0.00	19.32 -0.55 0.00	21.69 -0.54 0.00	31.81 -0.85 0.00	25.78 -0.60 0.00	25.09 -0.57 1.57	25.69 -0.53 2.37	28.65 -0.55 1.40	28.05 -0.58 0.12	22.85 -0.46 0.00	23.64 -0.27 0.00
SENECA___115KV_TB3 355854	19.80 -1.41 0.00	19.55 -1.48 0.00	20.42 -1.56 0.00	19.88 -1.59 0.00	20.25 -1.44 0.00	22.33 -1.41 0.00	22.26 -1.73 0.00	23.07 -2.19 0.00	18.91 -1.57 0.00	21.16 -1.57 0.00	24.42 -1.72 0.00	22.16 -1.57 0.00	22.30 -1.59 0.00	19.57 -1.35 0.00	53.84 -1.61 -35.58	20.86 -1.38 0.00	30.78 -1.88 0.00	24.54 -1.84 0.00	25.20 -2.03 0.00	26.47 -2.12 0.00	28.70 -1.89 0.00	27.00 -1.76 0.00	22.13 -1.18 0.00	23.24 -0.68 0.00
SENECA___ENERGY 23797	20.58 -0.63 0.00	20.42 -0.61 0.00	21.30 -0.68 0.00	20.80 -0.66 0.00	21.07 -0.62 0.00	23.21 -0.53 0.00	23.51 -0.48 0.00	24.73 -0.53 0.00	20.09 -0.38 0.00	22.25 -0.49 0.00	25.49 -0.66 0.00	23.03 -0.70 0.00	23.24 -0.66 0.00	20.35 -0.57 0.00	-28.01 -0.55 47.34	21.74 -0.50 0.00	32.03 -0.63 0.00	25.84 -0.54 0.00	26.73 -0.49 0.00	28.13 -0.46 0.00	30.18 -0.42 0.00	28.18 -0.57 0.00	22.88 -0.43 0.00	23.67 -0.24 0.00
SHOEMAKER___GT 23640	21.81 0.59 0.00	21.56 0.54 0.00	22.50 0.53 0.00	21.98 0.52 0.00	22.20 0.50 0.00	24.42 0.68 0.00	25.00 1.01 0.00	26.43 1.17 0.00	21.71 0.90 -0.34	23.42 0.69 0.00	26.87 0.72 0.00	24.40 0.67 0.00	24.55 0.65 0.00	21.48 0.55 0.00	20.26 0.55 0.16	22.81 0.57 0.00	33.47 0.80 0.00	27.22 0.84 0.00	28.27 1.04 0.00	29.88 1.29 0.00	31.98 1.38 0.00	29.85 1.10 0.00	24.18 0.87 0.00	24.51 0.60 0.00
SHOEMAKR_138KV_BK 111 55601	21.80 0.59 0.00	21.56 0.53 0.00	22.49 0.52 0.00	21.97 0.51 0.00	22.19 0.49 0.00	24.42 0.68 0.00	24.99 1.01 0.00	26.44 1.17 0.00	21.71 0.90 -0.33	23.42 0.68 0.00	26.87 0.73 0.00	24.41 0.68 0.00	24.57 0.67 0.00	21.49 0.57 0.00	20.27 0.55 0.15	22.81 0.57 0.00	33.48 0.81 0.00	27.22 0.85 0.00	28.27 1.05 0.00	29.88 1.28 0.00	31.98 1.38 0.00	29.85 1.10 0.00	24.17 0.86 0.00	24.51 0.60 0.00
SHOREHAM_IC_1 23715	23.08 1.20 -0.67	22.20 1.17 0.00	23.06 1.08 0.00	22.49 1.03 0.00	22.66 0.97 0.00	25.03 1.29 0.00	39.27 2.13 -13.15	27.40 2.14 0.00	22.27 1.43 -0.37	18.46 0.92 5.20	15.20 1.13 12.07	21.05 1.13 3.82	15.67 1.10 9.34	15.14 0.93 6.70	20.09 1.06 0.84	22.77 1.06 0.53	26.08 1.49 8.07	25.83 1.53 2.09	31.72 1.99 -2.50	31.67 2.59 -0.48	35.42 2.68 -2.16	31.74 1.94 -1.05	25.71 1.64 -0.76	26.05 1.39 -0.74
SHOREHAM_IC_2 23716	23.08 1.20 -0.67	22.20 1.17 0.00	23.06 1.08 0.00	22.49 1.03 0.00	22.66 0.97 0.00	25.03 1.29 0.00	39.27 2.13 -13.15	27.40 2.14 0.00	22.27 1.43 -0.37	18.46 0.92 5.20	15.20 1.13 12.07	21.05 1.13 3.82	15.67 1.10 9.34	15.14 0.93 6.70	20.09 1.06 0.84	22.77 1.06 0.53	26.08 1.49 8.07	25.83 1.53 2.09	31.72 1.99 -2.50	31.67 2.59 -0.48	35.42 2.68 -2.16	31.74 1.94 -1.05	25.71 1.64 -0.76	26.05 1.39 -0.74
SISSONVILLE___ 23735	20.65 -0.57 0.00	20.46 -0.57 0.00	21.42 -0.56 0.00	20.95 -0.52 0.00	21.18 -0.51 0.00	23.11 -0.63 0.00	23.18 -0.81 0.00	24.23 -1.03 0.00	19.54 -0.93 0.00	21.96 -0.77 0.00	25.48 -0.66 0.00	23.10 -0.64 0.00	23.16 -0.73 0.00	20.26 -0.67 0.00	19.26 -0.61 0.00	21.55 -0.70 0.00	31.64 -1.03 0.00	25.32 -1.06 0.00	16.52 -1.35 9.36	12.93 -1.50 14.17	20.65 -1.61 8.34	26.63 -1.39 0.73	22.18 -1.13 0.00	22.86 -1.05 0.00
SITHE_IND_GS1 24169	20.54 -0.68 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.77 -0.69 0.00	21.02 -0.67 0.00	23.03 -0.71 0.00	23.24 -0.75 0.00	24.46 -0.81 0.00	19.86 -0.62 0.00	22.01 -0.73 0.00	25.28 -0.86 0.00	22.92 -0.81 0.00	23.08 -0.82 0.00	20.27 -0.65 0.00	19.24 -0.64 0.00	21.55 -0.69 0.00	31.64 -1.03 0.00	25.54 -0.84 0.00	26.38 -0.85 0.00	27.75 -0.85 0.00	29.73 -0.87 0.00	27.88 -0.88 0.00	22.65 -0.67 0.00	23.47 -0.44 0.00
SITHE_IND_GS2 24170	20.54 -0.68 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.77 -0.69 0.00	21.02 -0.67 0.00	23.03 -0.71 0.00	23.24 -0.75 0.00	24.46 -0.81 0.00	19.86 -0.62 0.00	22.01 -0.73 0.00	25.28 -0.86 0.00	22.92 -0.81 0.00	23.08 -0.82 0.00	20.27 -0.65 0.00	19.24 -0.64 0.00	21.55 -0.69 0.00	31.64 -1.03 0.00	25.54 -0.84 0.00	26.38 -0.85 0.00	27.75 -0.85 0.00	29.73 -0.87 0.00	27.88 -0.88 0.00	22.65 -0.67 0.00	23.47 -0.44 0.00
SITHE_IND_GS3 24171	20.54 -0.68 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.77 -0.69 0.00	21.02 -0.67 0.00	23.03 -0.71 0.00	23.24 -0.75 0.00	24.46 -0.81 0.00	19.86 -0.62 0.00	22.01 -0.73 0.00	25.28 -0.86 0.00	22.92 -0.81 0.00	23.08 -0.82 0.00	20.27 -0.65 0.00	19.24 -0.64 0.00	21.55 -0.69 0.00	31.64 -1.03 0.00	25.54 -0.84 0.00	26.38 -0.85 0.00	27.75 -0.85 0.00	29.73 -0.87 0.00	27.88 -0.88 0.00	22.65 -0.67 0.00	23.47 -0.44 0.00
SITHE_IND_GS4 24172	20.54 -0.68 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.77 -0.69 0.00	21.02 -0.67 0.00	23.03 -0.71 0.00	23.24 -0.75 0.00	24.46 -0.81 0.00	19.86 -0.62 0.00	22.01 -0.73 0.00	25.28 -0.86 0.00	22.92 -0.81 0.00	23.08 -0.82 0.00	20.27 -0.65 0.00	19.24 -0.64 0.00	21.55 -0.69 0.00	31.64 -1.03 0.00	25.54 -0.84 0.00	26.38 -0.85 0.00	27.75 -0.85 0.00	29.73 -0.87 0.00	27.88 -0.88 0.00	22.65 -0.67 0.00	23.47 -0.44 0.00
SITHE___BATAVIA 24024	20.17 -1.04 0.00	19.93 -1.10 0.00	20.80 -1.18 0.00	20.25 -1.22 0.00	20.66 -1.04 0.00	22.78 -0.96 0.00	22.73 -1.25 0.00	23.69 -1.58 0.00	19.39 -1.09 0.00	21.57 -1.16 0.00	24.77 -1.37 0.00	21.72 -1.39 0.62	22.48 -1.42 0.00	19.79 -1.13 0.00	64.06 -1.44 -45.63	21.11 -1.13 0.00	31.13 -1.52 0.02	24.18 -1.43 0.77	23.97 -1.56 1.69	26.74 -1.56 0.29	29.05 -1.36 0.18	27.09 -1.30 0.37	20.95 -0.88 1.48	22.98 -0.35 0.58
SITHE___INDEPEND 23800	20.54 -0.68 0.00	20.35 -0.68 0.00	21.28 -0.70 0.00	20.77 -0.69 0.00	21.02 -0.67 0.00	23.03 -0.71 0.00	23.24 -0.75 0.00	24.46 -0.81 0.00	19.86 -0.62 0.00	22.01 -0.72 0.00	25.28 -0.86 0.00	22.93 -0.81 0.00	23.08 -0.82 0.00	20.27 -0.65 0.00	19.24 -0.63 0.00	21.55 -0.68 0.00	31.64 -1.03 0.00	25.54 -0.84 0.00	26.37 -0.85 0.00	27.75 -0.84 0.00	29.73 -0.86 0.00	27.88 -0.88 0.00	22.65 -0.67 0.00	23.47 -0.44 0.00
SITHE___MASSENA 23902	21.29 0.07 0.00	21.10 0.06 0.00	22.07 0.09 0.00	21.56 0.09 0.00	21.79 0.10 0.00	23.77 0.02 0.00	23.80 -0.19 0.00	24.91 -0.36 0.00	20.15 -0.32 0.00	22.66 -0.08 0.00	26.23 0.08 0.00	23.79 0.06 0.00	23.93 0.04 0.00	20.95 0.03 0.00	19.91 0.04 0.00	22.27 0.03 0.00	32.73 0.06 0.00	26.21 -0.17 0.00	22.91 -0.38 3.94	22.14 -0.50 5.96	26.55 -0.54 3.51	28.06 -0.38 0.31	23.03 -0.28 0.00	23.71 -0.21 0.00

SITHE___OGDNSBRG 24021	21.38 0.16 0.00	21.18 0.15 0.00	22.15 0.18 0.00	21.64 0.18 0.00	21.91 0.21 0.00	23.92 0.18 0.00	23.98 0.00 0.00	25.10 -0.16 0.00	20.24 -0.23 0.00	22.64 -0.10 0.00	26.16 0.02 0.00	23.75 0.02 0.00	23.82 -0.08 0.00	20.85 -0.07 0.00	19.80 -0.07 0.00	22.22 -0.02 0.00	32.78 0.11 0.00	26.29 -0.09 0.00	19.66 -0.32 7.25	17.23 -0.38 10.98	23.72 -0.41 6.46	27.91 -0.28 0.56	23.08 -0.24 0.00	23.75 -0.17 0.00
SITHE___STERLING 23777	21.52 0.30 0.00	21.33 0.30 0.00	22.31 0.33 0.00	21.78 0.32 0.00	22.05 0.36 0.00	24.23 0.49 0.00	24.68 0.69 0.00	26.14 0.87 0.00	21.17 0.69 0.00	23.32 0.58 0.00	26.72 0.58 0.00	24.13 0.40 0.00	24.23 0.34 0.00	21.19 0.27 0.00	20.13 0.25 0.00	22.60 0.36 0.00	33.37 0.70 0.00	27.06 0.68 0.00	33.10 0.76 -5.11	37.18 0.86 -7.73	36.12 0.97 -4.55	29.95 0.80 -0.40	23.86 0.55 0.00	24.45 0.54 0.00
SLEIGHT__34_KV_TB1 80719	20.43 -0.78 0.00	20.22 -0.81 0.00	21.12 -0.86 0.00	20.59 -0.87 0.00	20.90 -0.79 0.00	23.01 -0.73 0.00	23.24 -0.75 0.00	24.37 -0.90 0.00	19.84 -0.64 0.00	22.00 -0.73 0.00	25.24 -0.90 0.00	22.88 -0.85 0.00	23.01 -0.89 0.00	20.17 -0.75 0.00	-1118.75 -0.19 1138.43	22.20 -0.04 0.00	32.83 0.16 0.00	26.47 0.09 0.00	27.31 0.09 0.00	28.86 0.26 0.00	30.91 0.31 0.00	28.88 0.13 0.00	23.46 0.15 0.00	24.23 0.32 0.00
SOUTH CAIRO___GT 23612	22.66 1.45 0.00	22.51 1.48 0.00	23.54 1.56 0.00	23.02 1.55 0.00	23.28 1.59 0.00	25.46 1.72 0.00	26.09 2.11 0.00	27.69 2.43 0.00	24.17 2.02 -1.68	24.66 1.92 0.00	27.88 1.73 0.00	25.07 1.34 0.00	25.24 1.34 0.00	22.00 1.08 0.00	21.05 1.18 0.00	23.69 1.45 0.00	35.00 2.34 0.00	28.44 2.06 0.00	29.61 2.39 0.00	31.27 2.68 0.00	33.37 2.77 0.00	31.22 2.46 0.00	25.13 1.81 0.00	25.54 1.62 0.00
SOUTH HAMPTN___IC 23720	23.25 1.38 -0.66	22.38 1.35 0.00	23.24 1.26 0.00	22.68 1.21 0.00	22.86 1.17 0.00	25.26 1.52 0.00	48.08 2.34 -21.75	27.54 2.28 0.00	22.50 1.65 -0.37	15.33 1.20 8.60	7.65 1.48 19.98	18.86 1.44 6.32	9.95 1.50 15.45	11.04 1.21 11.09	19.62 1.28 1.53	22.66 1.30 0.88	21.18 1.88 13.36	24.68 1.84 3.53	32.00 2.30 -2.48	32.00 2.92 -0.48	35.73 3.01 -2.13	32.07 2.27 -1.04	25.95 1.89 -0.75	26.29 1.64 -0.73
SOUTHDOW__115KV_TB1 355954	20.10 -1.12 0.00	19.79 -1.24 0.00	20.96 -1.02 0.00	20.36 -1.11 0.00	20.54 -1.16 0.00	22.92 -0.82 0.00	23.23 -0.76 0.00	23.87 -1.39 0.00	19.61 -0.86 0.00	21.93 -0.81 0.00	25.33 -0.82 0.00	22.86 -0.87 0.00	23.05 -0.85 0.00	20.17 -0.75 0.00	18.85 -1.02 0.00	21.55 -0.69 0.00	31.71 -0.96 0.00	25.29 -1.08 0.00	26.03 -1.20 0.00	27.47 -1.13 0.00	29.76 -0.83 0.00	27.79 -0.96 0.00	22.75 -0.56 0.00	23.97 0.06 0.00
SOUTHOLD_69_KV_BK 2 55809	23.30 1.43 -0.66	22.45 1.42 0.00	23.30 1.33 0.00	22.74 1.28 0.00	22.94 1.24 0.00	25.35 1.61 0.00	48.26 2.41 -21.87	27.18 1.92 0.00	22.59 1.74 -0.37	15.38 1.29 8.65	7.69 1.62 20.08	18.99 1.61 6.35	10.03 1.66 15.53	11.09 1.32 11.15	19.69 1.36 1.54	22.73 1.37 0.88	21.25 2.01 13.43	24.77 1.94 3.55	32.12 2.42 -2.48	32.14 3.06 -0.48	35.88 3.15 -2.13	32.19 2.39 -1.04	26.03 1.97 -0.75	26.39 1.74 -0.73
SOUTHOLD___IC 23719	23.31 1.44 -0.66	22.45 1.42 0.00	23.30 1.33 0.00	22.74 1.28 0.00	22.93 1.24 0.00	25.35 1.61 0.00	48.26 2.41 -21.87	27.18 1.92 0.00	22.59 1.74 -0.37	15.38 1.29 8.65	7.69 1.63 20.08	19.00 1.62 6.35	10.03 1.66 15.53	11.09 1.32 11.15	19.69 1.36 1.54	22.73 1.37 0.88	21.25 2.01 13.43	24.78 1.95 3.55	32.13 2.42 -2.48	32.14 3.06 -0.48	35.88 3.16 -2.13	32.19 2.39 -1.04	26.04 1.98 -0.75	26.39 1.74 -0.73
SOUTH_FORK_WT_PWR 323839	23.19 1.31 -0.66	22.33 1.30 0.00	23.18 1.20 0.00	22.63 1.16 0.00	22.81 1.12 0.00	25.21 1.47 0.00	48.10 2.30 -21.81	27.27 2.01 0.00	22.47 1.63 -0.37	15.29 1.18 8.62	7.65 1.53 20.03	18.97 1.58 6.34	10.10 1.69 15.49	11.06 1.26 11.12	19.59 1.25 1.54	22.60 1.24 0.88	21.09 1.82 13.39	24.64 1.80 3.54	31.98 2.27 -2.48	31.99 2.91 -0.48	35.71 2.98 -2.13	32.03 2.24 -1.04	25.90 1.84 -0.75	26.29 1.64 -0.73
SPIERFLS_115KV_TB 1 80737	21.99 0.77 0.00	21.92 0.89 0.00	22.90 0.92 0.00	22.38 0.92 0.00	22.65 0.95 0.00	24.92 1.17 0.00	25.53 1.55 0.00	27.04 1.78 0.00	26.07 1.38 -4.22	23.92 1.18 0.00	27.24 1.09 0.00	24.69 0.96 0.00	24.83 0.93 0.00	21.68 0.76 0.00	20.59 0.72 0.00	22.98 0.74 0.00	33.89 1.23 0.00	27.67 1.29 0.00	28.72 1.49 0.00	30.20 1.60 0.00	32.23 1.64 0.00	30.11 1.36 0.00	24.18 0.88 0.00	24.57 0.66 0.00
ST LAWRENCE____ 23600	21.15 -0.07 0.00	20.96 -0.07 0.00	21.92 -0.06 0.00	21.41 -0.05 0.00	21.65 -0.05 0.00	23.60 -0.14 0.00	23.62 -0.37 0.00	24.74 -0.53 0.00	20.02 -0.45 0.00	22.53 -0.21 0.00	26.07 -0.07 0.00	23.65 -0.08 0.00	23.80 -0.10 0.00	20.83 -0.09 0.00	19.80 -0.07 0.00	22.14 -0.10 0.00	32.53 -0.14 0.00	26.06 -0.32 0.00	23.89 -0.52 2.82	23.67 -0.65 4.27	27.38 -0.71 2.51	28.00 -0.53 0.22	22.91 -0.40 0.00	23.57 -0.34 0.00
STATE_CA_115KV_115_LB 55624	22.02 0.81 0.00	21.90 0.87 0.00	22.87 0.89 0.00	22.34 0.88 0.00	22.57 0.88 0.00	24.67 0.93 0.00	25.24 1.25 0.00	26.76 1.49 0.00	24.45 1.24 -2.74	23.84 1.11 0.00	27.25 1.11 0.00	24.75 1.02 0.00	24.91 1.01 0.00	21.74 0.82 0.00	20.70 0.83 0.00	23.18 0.94 0.00	34.08 1.41 0.00	27.67 1.29 0.00	28.68 1.45 0.00	30.20 1.60 0.00	32.26 1.66 0.00	30.23 1.48 0.00	24.38 1.07 0.00	24.77 0.86 0.00
STATE_ST_34_KV_LOAD 55959	21.07 -0.14 0.00	20.88 -0.15 0.00	21.79 -0.18 0.00	21.29 -0.18 0.00	21.50 -0.19 0.00	23.65 -0.09 0.00	23.97 -0.01 0.00	25.19 -0.08 0.00	20.47 -0.01 0.00	22.61 -0.13 0.00	26.00 -0.15 0.00	23.51 -0.22 0.00	23.73 -0.17 0.00	20.73 -0.19 0.00	-68.89 -0.14 88.62	22.15 -0.09 0.00	32.76 0.09 0.00	26.44 0.06 0.00	27.32 0.09 0.00	28.79 0.19 0.00	30.85 0.25 0.00	28.78 0.03 0.00	23.41 0.10 0.00	24.17 0.26 0.00
STATION 5_MISC_HYD 23604	20.27 -0.94 0.00	20.05 -0.98 0.00	20.94 -1.04 0.00	20.41 -1.06 0.00	20.76 -0.94 0.00	22.83 -0.91 0.00	22.89 -1.10 0.00	23.96 -1.31 0.00	19.55 -0.93 0.00	21.75 -0.99 0.00	24.96 -1.19 0.00	22.24 -1.12 0.38	22.76 -1.14 0.00	19.99 -0.93 0.00	73.14 -1.12 -54.38	21.28 -0.95 0.00	31.34 -1.31 0.01	24.65 -1.25 0.48	24.82 -1.36 1.05	27.08 -1.34 0.18	29.27 -1.21 0.11	27.35 -1.18 0.23	21.55 -0.85 0.91	23.09 -0.46 0.36
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	20.58 -0.64 0.00	20.38 -0.65 0.00	21.27 -0.71 0.00	20.75 -0.72 0.00	21.09 -0.61 0.00	23.22 -0.52 0.00	23.43 -0.56 0.00	24.59 -0.68 0.00	20.02 -0.45 0.00	22.21 -0.53 0.00	25.45 -0.70 0.00	23.03 -0.70 0.00	23.16 -0.73 0.00	20.32 -0.60 0.00	19.23 -0.64 0.00	21.73 -0.51 0.00	32.00 -0.66 0.00	25.75 -0.63 0.00	26.57 -0.66 0.00	27.97 -0.62 0.00	30.06 -0.53 0.00	28.13 -0.62 0.00	22.87 -0.45 0.00	23.73 -0.19 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	20.21 -1.01 0.00	19.99 -1.05 0.00	20.88 -1.10 0.00	20.34 -1.13 0.00	20.69 -1.00 0.00	22.76 -0.98 0.00	22.84 -1.14 0.00	23.93 -1.34 0.00	19.52 -0.96 0.00	21.71 -1.03 0.00	24.91 -1.23 0.00	22.58 -1.15 0.00	22.71 -1.19 0.00	19.95 -0.97 0.00	117.13 -1.16 -98.41	21.20 -1.04 0.00	31.23 -1.43 0.00	25.04 -1.34 0.00	25.77 -1.46 0.00	27.21 -1.38 0.00	29.31 -1.28 0.00	27.49 -1.26 0.00	22.39 -0.92 0.00	23.33 -0.59 0.00
STA_56___34_KV_BUS2 355983	20.21 -1.01 0.00	19.99 -1.05 0.00	20.88 -1.10 0.00	20.34 -1.13 0.00	20.69 -1.00 0.00	22.76 -0.98 0.00	22.84 -1.14 0.00	23.93 -1.34 0.00	19.52 -0.96 0.00	21.71 -1.03 0.00	24.91 -1.23 0.00	22.58 -1.15 0.00	22.71 -1.19 0.00	19.95 -0.97 0.00	117.13 -1.16 -98.41	21.20 -1.04 0.00	31.23 -1.43 0.00	25.04 -1.34 0.00	25.77 -1.46 0.00	27.21 -1.38 0.00	29.31 -1.28 0.00	27.49 -1.26 0.00	22.39 -0.92 0.00	23.33 -0.59 0.00
STA_67___115KV_BK2 355882	20.23 -0.98 0.00	20.01 -1.02 0.00	20.90 -1.08 0.00	20.37 -1.10 0.00	20.72 -0.97 0.00	22.78 -0.96 0.00	22.84 -1.15 0.00	23.90 -1.36 0.00	19.51 -0.97 0.00	21.70 -1.04 0.00	24.91 -1.24 0.00	22.58 -1.15 0.00	22.71 -1.19 0.00	19.95 -0.97 0.00	72.58 -1.13 -53.83	21.24 -1.00 0.00	31.30 -1.37 0.00	25.08 -1.31 0.00	25.80 -1.43 0.00	27.21 -1.39 0.00	29.32 -1.27 0.00	27.51 -1.24 0.00	22.43 -0.88 0.00	23.40 -0.51 0.00
STA_7___115KV_9TRANS 80674	20.36 -0.86 0.00	20.13 -0.91 0.00	21.02 -0.96 0.00	20.48 -0.98 0.00	20.84 -0.86 0.00	22.92 -0.82 0.00	22.99 -1.00 0.00	24.07 -1.19 0.00	19.65 -0.83 0.00	21.85 -0.89 0.00	25.07 -1.08 0.00	22.73 -1.01 0.00	22.85 -1.05 0.00	20.07 -0.85 0.00	73.22 -1.03 -54.38	21.37 -0.87 0.00	31.49 -1.17 0.00	25.24 -1.14 0.00	25.97 -1.26 0.00	27.40 -1.19 0.00	29.53 -1.06 0.00	27.70 -1.05 0.00	22.57 -0.74 0.00	23.53 -0.39 0.00
STA_82___115KV_TB1 80780	20.24 -0.97 0.00	20.02 -1.01 0.00	20.91 -1.07 0.00	20.38 -1.09 0.00	20.73 -0.96 0.00	22.79 -0.95 0.00	22.85 -1.14 0.00	23.92 -1.35 0.00	19.52 -0.96 0.00	21.72 -1.02 0.00	24.92 -1.22 0.00	22.59 -1.14 0.00	22.72 -1.18 0.00	19.96 -0.96 0.00	75.70 -1.13 -56.95	21.25 -0.99 0.00	31.30 -1.37 0.00	25.08 -1.30 0.00	25.80 -1.42 0.00	27.22 -1.38 0.00	29.33 -1.26 0.00	27.53 -1.22 0.00	22.44 -0.87 0.00	23.40 -0.51 0.00
STEEL___WIND 323596	19.78 -1.44 0.00	19.52 -1.50 0.00	20.41 -1.57 0.00	19.86 -1.61 0.00	20.23 -1.46 0.00	22.32 -1.42 0.00	22.23 -1.75 0.00	23.05 -2.21 0.00	18.88 -1.60 0.00	21.13 -1.60 0.00	24.38 -1.76 0.00	21.19 -1.62 0.92	22.26 -1.64 0.00	19.54 -1.38 0.00	53.78 -1.67 -35.58	20.85 -1.39 0.00	30.73 -1.90 0.03	23.40 -1.86 1.13	22.73 -2.01 2.48	26.01 -2.17 0.42	28.40 -1.93 0.27	26.42 -1.79 0.54	19.92 -1.23 2.17	22.36 -0.69 0.86
STEPHTWN_115KV_BK_2 55603	22.04 0.82 0.00	21.94 0.91 0.00	22.88 0.91 0.00	22.33 0.87 0.00	22.60 0.90 0.00	24.75 1.01 0.00	25.31 1.32 0.00	26.85 1.58 0.00	24.28 1.27 -2.54	23.87 1.13 0.00	27.26 1.11 0.00	24.75 1.02 0.00	24.92 1.02 0.00	21.72 0.80 0.00	20.71 0.84 0.00	23.22 0.98 0.00	34.14 1.47 0.00	27.67 1.29 0.00	28.73 1.50 0.00	30.33 1.74 0.00	32.37 1.78 0.00	30.29 1.54 0.00	24.43 1.11 0.00	24.84 0.92 0.00
STEUBEN_REC_LFGE 323667	19.54 -1.68 0.00	19.96 -1.07 0.00	20.47 -1.51 0.00	20.07 -1.39 0.00	20.61 -1.08 0.00	22.34 -1.40 0.00	22.72 -1.27 0.00	23.87 -1.40 0.00	19.52 -1.07 -0.11	21.72 -1.02 0.00	24.80 -1.35 0.00	22.22 -1.51 0.00	22.74 -1.16 0.00	20.17 -0.75 0.00	19.08 -0.79 0.00	21.48 -0.76 0.00	31.59 -1.08 0.00	25.38 -1.00 0.00	26.40 -0.83 0.00	27.66 -0.93 0.00	29.44 -1.16 0.00	27.25 -1.50 0.00	22.25 -1.07 0.00	23.25 -0.66 0.00
STILLWATER___SOLAR 323814	21.97 0.76 0.00	21.85 0.82 0.00	22.82 0.85 0.00	22.30 0.84 0.00	22.55 0.85 0.00	24.73 0.99 0.00	25.29 1.30 0.00	26.76 1.49 0.00	25.72 1.18 -4.06	23.77 1.03 0.00	27.13 0.99 0.00	24.61 0.88 0.00	24.74 0.85 0.00	21.62 0.70 0.00	20.56 0.69 0.00	23.00 0.76 0.00	33.90 1.23 0.00	27.58 1.20 0.00	28.60 1.38 0.00	30.10 1.51 0.00	32.17 1.58 0.00	30.11 1.36 0.00	24.26 0.94 0.00	24.67 0.76 0.00
STONY___BROOK 24151	23.17 1.27 -0.68	22.23 1.20 0.00	23.11 1.13 0.00	22.55 1.08 0.00	22.73 1.03 0.00	25.09 1.35 0.00	26.92 2.00 -0.93	27.42 2.16 0.00	22.38 1.53 -0.37	23.53 1.16 0.37	26.75 1.46 0.85	24.88 1.42 0.27	24.62 1.38 0.66	21.63 1.18 0.47	21.29 1.28 -0.14	23.53 1.33 0.04	33.98 1.88 0.57	28.13 1.79 0.04	31.94 2.16 -2.55	31.72 2.64 -0.49	35.52 2.73 -2.20	31.97 2.14 -1.08	25.86 1.77 -0.78	26.13 1.45 -0.76
STURGEON_POOL_HYD 23609	21.75 0.53 0.00	21.49 0.46 0.00	22.40 0.42 0.00	21.89 0.42 0.00	22.08 0.38 0.00	24.34 0.60 0.00	24.94 0.95 0.00	26.39 1.13 0.00	22.04 0.89 -0.67	23.44 0.70 0.00	26.92 0.78 0.00	24.46 0.73 0.00	24.63 0.73 0.00	21.54 0.62 0.00	20.45 0.58 0.00	22.82 0.58 0.00	33.48 0.81 0.00	27.25 0.87 0.00	28.32 1.10 0.00	29.95 1.35 0.00	32.05 1.46 0.00	29.86 1.11 0.00	24.16 0.85 0.00	24.45 0.54 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	21.88 0.67 0.00	21.64 0.61 0.00	22.57 0.59 0.00	22.05 0.58 0.00	22.26 0.57 0.00	24.53 0.79 0.00	25.12 1.13 0.00	26.59 1.33 0.00	21.83 1.01 -0.34	23.53 0.80 0.00	27.01 0.86 0.00	24.55 0.82 0.00	24.71 0.81 0.00	21.60 0.68 0.00	20.33 0.64 0.18	22.91 0.67 0.00	33.63 0.97 0.00	27.36 0.97 0.00	28.42 1.19 0.00	30.04 1.45 0.00	32.15 1.56 0.00	30.01 1.26 0.00	24.30 0.99 0.00	24.61 0.69 0.00
SWANROAD_115KV_TB1 355699	19.25 -1.96 0.00	19.00 -2.03 0.00	19.83 -2.15 0.00	19.29 -2.18 0.00	19.69 -2.01 0.00	21.67 -2.08 0.00	21.43 -2.56 0.00	22.19 -3.08 0.00	18.21 -2.27 0.00	20.37 -2.37 0.00	23.45 -2.70 0.00	21.32 -2.41 0.00	21.42 -2.47 0.00	18.81 -2.11 0.00	56.08 -2.38 -38.59	20.02 -2.22 0.00	29.54 -3.13 0.00	23.54 -2.84 0.00	24.14 -3.09 0.00	25.43 -3.16 0.00	27.53 -3.06 0.00	25.96 -2.79 0.00	21.35 -1.97 0.00	22.57 -1.35 0.00
SYNERGY___BIOGAS 323694	20.17 -1.04 0.00	19.93 -1.10 0.00	20.80 -1.18 0.00	20.25 -1.22 0.00	20.66 -1.04 0.00	22.78 -0.96 0.00	22.73 -1.25 0.00	23.69 -1.58 0.00	19.39 -1.09 0.00	21.57 -1.16 0.00	24.77 -1.37 0.00	21.72 -1.39 0.62	22.48 -1.42 0.00	19.79 -1.13 0.00	64.06 -1.44 -45.63	21.11 -1.13 0.00	31.13 -1.52 0.02	24.18 -1.43 0.77	23.97 -1.56 1.69	26.74 -1.56 0.29	29.05 -1.36 0.18	27.09 -1.30 0.37	20.95 -0.88 1.48	22.98 -0.35 0.58
SYRACUSE___ENERGY_ST1 323597	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00

SYRACUSE___ENERGY_ST2 323598	20.96 -0.26 0.00	20.76 -0.27 0.00	21.70 -0.28 0.00	21.18 -0.28 0.00	21.45 -0.25 0.00	23.55 -0.19 0.00	23.82 -0.17 0.00	25.10 -0.17 0.00	20.36 -0.11 0.00	22.54 -0.19 0.00	25.89 -0.26 0.00	23.45 -0.29 0.00	23.63 -0.27 0.00	20.72 -0.20 0.00	19.65 -0.22 0.00	22.05 -0.19 0.00	32.43 -0.24 0.00	26.20 -0.18 0.00	26.33 -0.16 0.74	27.39 -0.08 1.12	29.87 -0.06 0.66	28.53 -0.16 0.06	23.20 -0.11 0.00	23.96 0.05 0.00
SYRACUSE___POWER 24017	20.92 -0.29 0.00	20.72 -0.31 0.00	21.66 -0.32 0.00	21.14 -0.32 0.00	21.41 -0.29 0.00	23.51 -0.23 0.00	23.77 -0.22 0.00	25.11 -0.15 0.00	20.37 -0.10 0.00	22.58 -0.16 0.00	25.91 -0.23 0.00	23.45 -0.28 0.00	23.63 -0.27 0.00	20.74 -0.18 0.00	19.64 -0.23 0.00	22.05 -0.19 0.00	32.43 -0.23 0.00	26.22 -0.16 0.00	27.09 -0.13 0.00	28.52 -0.07 0.00	30.57 -0.03 0.00	28.64 -0.11 0.00	23.21 -0.11 0.00	23.96 0.05 0.00
TALLMAN__138KV_BK151 55660	21.98 0.77 0.00	21.73 0.69 0.00	22.65 0.67 0.00	22.12 0.66 0.00	22.34 0.64 0.00	24.64 0.90 0.00	25.26 1.27 0.00	26.74 1.48 0.00	21.96 1.13 -0.36	23.63 0.89 0.00	27.13 0.99 0.00	24.67 0.94 0.00	24.84 0.94 0.00	21.70 0.78 0.00	20.32 0.73 0.28	23.00 0.77 0.00	33.78 1.11 0.00	27.47 1.09 0.00	28.55 1.33 0.00	30.20 1.61 0.00	32.33 1.74 0.00	30.16 1.41 0.00	24.42 1.11 0.00	24.71 0.79 0.00
TEALLAVE_115KV_TB7 355573	20.80 -0.41 0.00	20.60 -0.43 0.00	21.53 -0.45 0.00	21.02 -0.45 0.00	21.28 -0.41 0.00	23.36 -0.38 0.00	23.56 -0.43 0.00	24.84 -0.42 0.00	20.17 -0.31 0.00	22.38 -0.36 0.00	25.71 -0.43 0.00	23.29 -0.44 0.00	23.45 -0.44 0.00	20.59 -0.33 0.00	19.51 -0.36 0.00	21.89 -0.35 0.00	32.17 -0.50 0.00	25.98 -0.40 0.00	26.84 -0.38 0.00	28.26 -0.33 0.00	30.28 -0.32 0.00	28.38 -0.37 0.00	23.02 -0.29 0.00	23.80 -0.11 0.00
TELGRAPH_34_KV_EAST 80808	19.80 -1.42 0.00	19.55 -1.48 0.00	20.41 -1.57 0.00	19.86 -1.61 0.00	20.27 -1.43 0.00	22.34 -1.41 0.00	22.20 -1.78 0.00	23.07 -2.19 0.00	18.91 -1.57 0.00	21.11 -1.63 0.00	24.26 -1.88 0.00	21.98 -1.75 0.00	22.09 -1.81 0.00	19.41 -1.52 0.00	61.21 -1.79 -43.13	20.68 -1.56 0.00	30.53 -2.14 0.00	24.38 -2.00 0.00	25.04 -2.19 0.00	26.39 -2.21 0.00	28.55 -2.04 0.00	26.86 -1.89 0.00	22.01 -1.30 0.00	23.16 -0.75 0.00
TEMPLE___115KV_TB 2 55572	20.81 -0.41 0.00	20.61 -0.42 0.00	21.54 -0.43 0.00	21.03 -0.44 0.00	21.30 -0.40 0.00	23.37 -0.37 0.00	23.59 -0.40 0.00	24.87 -0.40 0.00	20.19 -0.29 0.00	22.40 -0.34 0.00	25.73 -0.41 0.00	23.31 -0.43 0.00	23.48 -0.42 0.00	20.61 -0.31 0.00	19.53 -0.34 0.00	21.91 -0.33 0.00	32.20 -0.47 0.00	26.00 -0.38 0.00	26.87 -0.36 0.00	28.29 -0.31 0.00	30.30 -0.29 0.00	28.40 -0.36 0.00	23.03 -0.28 0.00	23.81 -0.10 0.00
TIANA____69_KV_BK 1 55817	23.22 1.35 -0.66	22.36 1.33 0.00	23.22 1.24 0.00	22.66 1.19 0.00	22.84 1.14 0.00	25.23 1.49 0.00	48.15 2.31 -21.86	27.54 2.28 0.00	22.47 1.63 -0.37	15.26 1.16 8.64	7.50 1.43 20.08	18.78 1.40 6.35	9.80 1.43 15.52	10.94 1.17 11.14	19.59 1.26 1.54	22.64 1.28 0.88	21.08 1.85 13.43	24.63 1.80 3.55	31.97 2.27 -2.48	31.94 2.87 -0.48	35.69 2.97 -2.13	32.04 2.24 -1.04	25.92 1.85 -0.75	26.25 1.60 -0.73
TILDEN___115KV_TB1 80814	20.92 -0.29 0.00	20.72 -0.31 0.00	21.66 -0.32 0.00	21.14 -0.32 0.00	21.41 -0.29 0.00	23.51 -0.23 0.00	23.77 -0.22 0.00	25.11 -0.15 0.00	20.37 -0.10 0.00	22.58 -0.16 0.00	25.91 -0.23 0.00	23.45 -0.28 0.00	23.63 -0.27 0.00	20.74 -0.18 0.00	19.64 -0.23 0.00	22.05 -0.19 0.00	32.43 -0.23 0.00	26.22 -0.16 0.00	27.09 -0.13 0.00	28.52 -0.07 0.00	30.57 -0.03 0.00	28.64 -0.11 0.00	23.21 -0.11 0.00	23.96 0.05 0.00
TRIGEN___CC 323695	26.94 1.11 -4.62	22.07 1.03 0.00	22.97 0.99 0.00	22.43 0.97 0.00	22.62 0.92 0.00	24.97 1.22 0.00	25.70 1.71 0.00	27.19 1.93 0.00	22.26 1.42 -0.37	23.88 1.14 0.00	27.51 1.37 0.00	25.04 1.31 0.00	25.23 1.33 0.00	22.05 1.12 0.00	21.22 1.13 -0.22	23.41 1.17 0.00	34.36 1.70 0.00	28.75 1.59 -0.78	46.78 1.87 -17.68	32.37 2.21 -1.56	48.16 2.35 -15.22	38.10 1.92 -7.43	30.10 1.54 -5.24	30.28 1.21 -5.15
TRINITY__115KV__ 4 BK 55933	21.92 0.70 0.00	21.79 0.75 0.00	22.75 0.77 0.00	22.23 0.76 0.00	22.46 0.76 0.00	24.54 0.79 0.00	25.09 1.10 0.00	26.60 1.33 0.00	24.24 1.11 -2.65	23.70 0.96 0.00	27.08 0.94 0.00	24.61 0.87 0.00	24.76 0.86 0.00	21.61 0.69 0.00	20.57 0.70 0.00	23.03 0.79 0.00	33.86 1.19 0.00	27.49 1.11 0.00	28.49 1.27 0.00	30.01 1.41 0.00	32.06 1.46 0.00	30.04 1.29 0.00	24.25 0.94 0.00	24.64 0.73 0.00
UNION___PROCESSING_DRP 323587	20.25 -0.96 0.00	20.03 -1.00 0.00	20.91 -1.06 0.00	20.38 -1.09 0.00	20.74 -0.96 0.00	22.80 -0.94 0.00	22.86 -1.12 0.00	23.93 -1.34 0.00	19.53 -0.95 0.00	21.72 -1.02 0.00	24.93 -1.21 0.00	22.60 -1.13 0.00	22.72 -1.17 0.00	19.97 -0.95 0.00	74.68 -1.12 -55.93	21.25 -0.99 0.00	31.31 -1.36 0.00	25.09 -1.29 0.00	25.81 -1.42 0.00	27.24 -1.36 0.00	29.35 -1.25 0.00	27.53 -1.22 0.00	22.45 -0.87 0.00	23.41 -0.50 0.00
UPPER HUDSON___HYD 24058	21.99 0.77 0.00	21.92 0.89 0.00	22.90 0.92 0.00	22.38 0.92 0.00	22.65 0.95 0.00	24.92 1.17 0.00	25.54 1.55 0.00	27.04 1.78 0.00	26.07 1.38 -4.22	23.92 1.18 0.00	27.23 1.09 0.00	24.69 0.96 0.00	24.83 0.93 0.00	21.68 0.76 0.00	20.59 0.72 0.00	22.98 0.74 0.00	33.89 1.23 0.00	27.67 1.29 0.00	28.72 1.49 0.00	30.20 1.60 0.00	32.23 1.64 0.00	30.11 1.36 0.00	24.18 0.87 0.00	24.57 0.66 0.00
UPPER RAQUET___HYD 24056	20.65 -0.57 0.00	20.46 -0.57 0.00	21.42 -0.56 0.00	20.95 -0.52 0.00	21.18 -0.51 0.00	23.11 -0.63 0.00	23.18 -0.81 0.00	24.23 -1.03 0.00	19.54 -0.93 0.00	21.96 -0.77 0.00	25.49 -0.66 0.00	23.10 -0.63 0.00	23.16 -0.74 0.00	20.26 -0.67 0.00	19.27 -0.61 0.00	21.54 -0.70 0.00	31.64 -1.03 0.00	25.32 -1.06 0.00	16.52 -1.35 9.36	12.93 -1.50 14.17	20.64 -1.61 8.34	26.63 -1.39 0.73	22.18 -1.13 0.00	22.86 -1.06 0.00
VALLEY44_115KV_TB2 355964	20.35 -0.86 0.00	20.14 -0.89 0.00	21.04 -0.94 0.00	20.51 -0.95 0.00	20.86 -0.84 0.00	23.00 -0.74 0.00	23.11 -0.88 0.00	24.12 -1.14 0.00	19.69 -0.78 0.00	21.97 -0.77 0.00	25.40 -0.75 0.00	23.02 -0.70 0.00	23.21 -0.68 0.00	20.35 -0.57 0.00	19.04 -0.83 0.00	21.65 -0.59 0.00	31.98 -0.69 0.00	25.56 -0.82 0.00	26.27 -0.96 0.00	27.73 -0.86 0.00	29.97 -0.62 0.00	28.03 -0.72 0.00	22.97 -0.34 0.00	23.81 -0.10 0.00
VALLEY___115KV_TB 1-4 80826	21.06 -0.16 0.00	20.90 -0.13 0.00	21.88 -0.10 0.00	21.39 -0.08 0.00	21.59 -0.10 0.00	23.64 -0.10 0.00	24.19 0.20 0.00	25.58 0.32 0.00	20.73 0.25 0.00	22.72 -0.01 0.00	26.02 -0.12 0.00	23.59 -0.14 0.00	23.95 0.05 0.00	20.83 -0.09 0.00	19.86 -0.01 0.00	22.26 0.02 0.00	32.64 -0.03 0.00	26.39 0.01 0.00	29.53 0.11 -2.19	32.15 0.24 -3.32	32.76 0.22 -1.95	29.04 0.12 -0.17	23.29 -0.02 0.00	23.67 -0.24 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	21.96 0.74 0.00	21.71 0.68 0.00	22.72 0.74 0.00	22.20 0.73 0.00	22.42 0.73 0.00	24.69 0.94 0.00	25.07 1.09 0.00	26.43 1.17 0.00	21.98 0.90 -0.61	23.60 0.86 0.00	27.11 0.96 0.00	24.59 0.86 0.00	24.79 0.89 0.00	21.66 0.73 0.00	20.53 0.66 0.00	22.98 0.74 0.00	33.68 1.01 0.00	27.27 0.88 0.00	28.22 0.99 0.00	29.71 1.12 0.00	31.83 1.24 0.00	29.76 1.01 0.00	24.08 0.77 0.00	24.59 0.68 0.00
VISCHER___FERRY HYD 24020	21.74 0.52 0.00	21.65 0.62 0.00	22.61 0.63 0.00	22.09 0.62 0.00	22.32 0.62 0.00	24.39 0.65 0.00	24.94 0.96 0.00	26.43 1.17 0.00	24.96 0.97 -3.52	23.52 0.79 0.00	26.89 0.74 0.00	24.44 0.71 0.00	24.58 0.68 0.00	21.46 0.54 0.00	20.41 0.54 0.00	22.84 0.60 0.00	33.60 0.93 0.00	27.27 0.89 0.00	28.28 1.06 0.00	29.78 1.19 0.00	31.82 1.23 0.00	29.83 1.08 0.00	24.06 0.75 0.00	24.45 0.54 0.00
V_A_10_SYNC_DSASP 323832	19.66 -1.56 0.00	19.43 -1.60 0.00	20.30 -1.68 0.00	19.75 -1.71 0.00	20.13 -1.56 0.00	22.13 -1.61 0.00	22.04 -1.95 0.00	22.95 -2.32 0.00	18.76 -1.71 0.00	20.95 -1.79 0.00	24.11 -2.03 0.00	21.24 -1.84 0.65	22.02 -1.88 0.00	19.34 -1.58 0.00	54.67 -1.81 -36.62	20.59 -1.65 0.00	30.31 -2.33 0.02	23.42 -2.17 0.80	23.13 -2.35 1.75	25.89 -2.41 0.30	28.14 -2.27 0.19	26.26 -2.11 0.38	20.28 -1.50 1.53	22.30 -1.00 0.61
V_CMM_10_SYNC_DSASP 323787	21.24 0.03 0.00	21.05 0.02 0.00	22.02 0.04 0.00	21.51 0.05 0.00	21.74 0.05 0.00	23.71 -0.03 0.00	23.73 -0.25 0.00	24.85 -0.41 0.00	20.12 -0.36 0.00	22.63 -0.10 0.00	26.19 0.04 0.00	23.77 0.03 0.00	23.92 0.02 0.00	20.93 0.01 0.00	19.89 0.02 0.00	22.24 0.00 0.00	32.68 0.01 0.00	26.19 -0.19 0.00	24.01 -0.40 2.82	23.81 -0.52 4.27	27.52 -0.56 2.51	28.13 -0.40 0.22	23.02 -0.29 0.00	23.68 -0.23 0.00
V_CMP_10_SYNC_DSASP 323788	21.62 0.41 0.00	21.39 0.35 0.00	22.37 0.39 0.00	21.99 0.53 0.00	22.25 0.56 0.00	24.36 0.62 0.00	24.44 0.45 0.00	24.75 -0.52 0.00	19.66 -0.82 0.00	22.52 -0.22 0.00	26.93 0.79 0.00	24.47 0.74 0.00	24.60 0.70 0.00	21.58 0.66 0.00	20.57 0.70 0.00	22.73 0.49 0.00	32.84 0.17 0.00	26.22 -0.16 0.00	23.38 -0.70 3.15	22.85 -0.98 4.76	26.66 -1.13 2.80	27.70 -0.80 0.24	22.62 -0.69 0.00	23.37 -0.55 0.00
V_D_10_SYNC_DSASP 323841	21.29 0.07 0.00	21.10 0.07 0.00	22.07 0.10 0.00	21.56 0.09 0.00	21.80 0.10 0.00	23.77 0.03 0.00	23.81 -0.18 0.00	24.92 -0.35 0.00	20.15 -0.32 0.00	22.67 -0.07 0.00	26.23 0.09 0.00	23.79 0.06 0.00	23.94 0.04 0.00	20.95 0.03 0.00	19.91 0.04 0.00	22.27 0.03 0.00	32.73 0.06 0.00	26.22 -0.16 0.00	22.99 -0.38 3.86	22.26 -0.49 5.84	26.63 -0.52 3.44	28.07 -0.38 0.30	23.04 -0.27 0.00	23.71 -0.21 0.00
V_E_10_SYNC_DSASP 323830	22.19 0.97 0.00	21.74 0.71 0.00	23.17 1.20 0.00	22.47 1.00 0.00	22.72 1.03 0.00	25.38 1.64 0.00	25.57 1.58 0.00	26.92 1.66 0.00	21.82 1.08 -0.27	23.83 1.10 0.00	27.60 1.45 0.00	25.16 1.26 -0.17	25.30 1.40 0.00	22.21 1.29 0.00	20.95 1.08 0.00	23.39 1.15 0.00	34.42 1.75 -0.01	28.11 1.53 -0.20	29.12 1.45 -0.44	30.17 1.50 -0.07	32.46 1.81 -0.05	30.01 1.16 -0.10	24.49 0.78 -0.40	24.90 0.82 -0.16
V_F_30_NSYNC___DSASP 323816	22.00 0.79 0.00	21.88 0.85 0.00	22.85 0.88 0.00	22.33 0.87 0.00	22.58 0.89 0.00	24.77 1.02 0.00	25.31 1.32 0.00	26.78 1.51 0.00	25.81 1.21 -4.13	23.80 1.07 0.00	27.18 1.04 0.00	24.65 0.92 0.00	24.80 0.90 0.00	21.67 0.75 0.00	20.60 0.73 0.00	23.04 0.80 0.00	33.95 1.28 0.00	27.62 1.24 0.00	28.63 1.41 0.00	30.14 1.55 0.00	32.20 1.61 0.00	30.14 1.39 0.00	24.29 0.98 0.00	24.71 0.79 0.00
V_F_30_SYNC_DSASP 323786	22.02 0.81 0.00	21.89 0.86 0.00	22.86 0.89 0.00	22.33 0.87 0.00	22.57 0.88 0.00	24.67 0.92 0.00	25.24 1.25 0.00	26.76 1.49 0.00	24.45 1.24 -2.73	23.84 1.10 0.00	27.25 1.11 0.00	24.75 1.02 0.00	24.90 1.01 0.00	21.74 0.82 0.00	20.70 0.83 0.00	23.17 0.93 0.00	34.08 1.41 0.00	27.67 1.29 0.00	28.67 1.45 0.00	30.19 1.59 0.00	32.26 1.66 0.00	30.23 1.47 0.00	24.38 1.07 0.00	24.77 0.86 0.00
V_XM_10_SYNC_DSASP 323789	21.62 0.41 0.00	21.39 0.35 0.00	22.37 0.39 0.00	21.99 0.53 0.00	22.25 0.56 0.00	24.36 0.62 0.00	24.44 0.45 0.00	24.75 -0.52 0.00	19.66 -0.82 0.00	22.52 -0.22 0.00	26.93 0.79 0.00	24.47 0.74 0.00	24.60 0.70 0.00	21.58 0.66 0.00	20.57 0.70 0.00	22.73 0.49 0.00	32.84 0.17 0.00	26.22 -0.16 0.00	23.38 -0.70 3.15	22.85 -0.98 4.76	26.66 -1.13 2.80	27.70 -0.80 0.24	22.62 -0.69 0.00	23.37 -0.55 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.09 0.87 0.00	21.83 0.80 0.00	22.76 0.78 0.00	22.23 0.77 0.00	22.44 0.75 0.00	24.76 1.02 0.00	25.40 1.41 0.00	26.89 1.63 0.00	22.08 1.25 -0.36	23.77 1.03 0.00	27.29 1.15 0.00	24.81 1.08 0.00	24.98 1.08 0.00	21.82 0.90 0.00	20.43 0.86 0.29	23.14 0.90 0.00	33.90 1.23 0.00	27.57 1.19 0.00	28.65 1.43 0.00	30.31 1.72 0.00	32.44 1.85 0.00	30.26 1.51 0.00	24.51 1.19 0.00	24.78 0.87 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.13 0.92 0.00	21.88 0.85 0.00	22.81 0.83 0.00	22.28 0.81 0.00	22.51 0.81 0.00	24.85 1.11 0.00	25.53 1.54 0.00	27.04 1.78 0.00	22.21 1.37 -0.37	23.86 1.12 0.00	27.42 1.28 0.00	24.96 1.23 0.00	25.12 1.22 0.00	21.95 1.03 0.00	21.09 1.00 -0.22	23.25 1.01 0.00	34.10 1.43 0.00	27.73 1.35 0.00	28.79 1.57 0.00	30.43 1.84 0.00	32.56 1.97 0.00	30.35 1.60 0.00	24.58 1.26 0.00	24.83 0.92 0.00
W50THST__13_KV_LOAD 356117	22.28 1.06 0.00	22.02 0.99 0.00	22.95 0.97 0.00	22.42 0.95 0.00	22.65 0.96 0.00	25.03 1.29 0.00	25.71 1.73 0.00	27.24 1.98 0.00	22.39 1.54 -0.37	24.07 1.34 0.00	27.67 1.52 0.00	25.19 1.45 0.00	25.35 1.45 0.00	22.15 1.23 0.00	21.28 1.19 -0.22	23.46 1.22 0.00	34.40 1.74 0.00	27.97 1.59 0.00	29.03 1.80 0.00	30.68 2.08 0.00	32.80 2.21 0.00	30.57 1.81 0.00	24.74 1.43 0.00	25.00 1.09 0.00
WADING RIVER_IC_1 23522	23.06 1.19 -0.66	22.19 1.16 0.00	23.05 1.08 0.00	22.49 1.02 0.00	22.65 0.96 0.00	25.02 1.28 0.00	46.19 2.10 -20.10	27.38 2.12 0.00	22.27 1.42 -0.37	15.73 0.94 7.95	8.84 1.15 18.46	19.05 1.16 5.84	10.75 1.13 14.27	11.63 0.96 10.25	19.55 1.07 1.40	22.50 1.07 0.81	21.83 1.51 12.34	24.67 1.54 3.25	31.68 1.98 -2.47	31.64 2.56 -0.48	35.37 2.65 -2.13	31.73 1.93 -1.04	25.69 1.63 -0.75	26.02 1.37 -0.73
WADING RIVER_IC_2 23547	23.06 1.19 -0.66	22.19 1.16 0.00	23.05 1.08 0.00	22.49 1.02 0.00	22.65 0.96 0.00	25.02 1.28 0.00	46.19 2.10 -20.10	27.38 2.12 0.00	22.27 1.42 -0.37	15.73 0.94 7.95	8.84 1.15 18.46	19.05 1.16 5.84	10.75 1.13 14.27	11.63 0.96 10.25	19.55 1.07 1.40	22.50 1.07 0.81	21.83 1.51 12.34	24.67 1.54 3.25	31.68 1.98 -2.47	31.64 2.56 -0.48	35.37 2.65 -2.13	31.73 1.93 -1.04	25.69 1.63 -0.75	26.02 1.37 -0.73

WADING RIVER_IC_3 23601	23.06 1.19 -0.66	22.19 1.16 0.00	23.05 1.08 0.00	22.49 1.02 0.00	22.65 0.96 0.00	25.02 1.28 0.00	46.19 2.10 -20.10	27.38 2.12 0.00	22.27 1.42 -0.37	15.73 0.94 7.95	8.84 1.15 18.46	19.05 1.16 5.84	10.75 1.13 14.27	11.63 0.96 10.25	19.55 1.07 1.40	22.50 1.07 0.81	21.83 1.51 12.34	24.67 1.54 3.25	31.68 1.98 -2.47	31.64 2.56 -0.48	35.37 2.65 -2.13	31.73 1.93 -1.04	25.69 1.63 -0.75	26.02 1.37 -0.73
WALDENNY_I2_KV_BK2 80841	19.79 -1.43 0.00	19.53 -1.50 0.00	20.41 -1.57 0.00	19.86 -1.61 0.00	20.24 -1.46 0.00	22.33 -1.42 0.00	22.23 -1.76 0.00	23.05 -2.21 0.00	18.90 -1.58 0.00	21.16 -1.58 0.00	24.40 -1.75 0.00	22.14 -1.59 0.00	22.28 -1.62 0.00	19.55 -1.37 0.00	54.08 -1.64 -35.85	20.84 -1.40 0.00	30.77 -1.90 0.00	24.51 -1.87 0.00	25.18 -2.05 0.00	26.36 -2.24 0.00	28.63 -1.97 0.00	26.96 -1.79 0.00	22.10 -1.21 0.00	23.22 -0.69 0.00
WALDEN___HYDRO 24148	22.03 0.82 0.00	21.78 0.74 0.00	22.71 0.73 0.00	22.19 0.72 0.00	22.41 0.71 0.00	24.70 0.95 0.00	25.31 1.32 0.00	26.79 1.53 0.00	22.03 1.17 -0.38	23.71 0.97 0.00	27.17 1.03 0.00	24.63 0.90 0.00	24.76 0.86 0.00	21.67 0.75 0.00	20.55 0.74 0.06	23.02 0.78 0.00	33.85 1.19 0.00	27.54 1.16 0.00	28.65 1.42 0.00	30.31 1.71 0.00	32.44 1.85 0.00	30.25 1.50 0.00	24.48 1.17 0.00	24.78 0.86 0.00
WARRENSBURG____ 23737	21.99 0.77 0.00	21.92 0.89 0.00	22.90 0.92 0.00	22.38 0.92 0.00	22.65 0.95 0.00	24.92 1.17 0.00	25.54 1.55 0.00	27.04 1.78 0.00	26.07 1.38 -4.22	23.92 1.18 0.00	27.23 1.09 0.00	24.69 0.96 0.00	24.83 0.93 0.00	21.68 0.76 0.00	20.59 0.72 0.00	22.98 0.74 0.00	33.89 1.23 0.00	27.67 1.29 0.00	28.72 1.49 0.00	30.20 1.60 0.00	32.23 1.64 0.00	30.11 1.36 0.00	24.18 0.87 0.00	24.57 0.66 0.00
WATERSIDE___6 8 9 23538	22.16 0.94 0.00	21.91 0.88 0.00	22.83 0.85 0.00	22.29 0.83 0.00	22.52 0.83 0.00	24.87 1.13 0.00	25.54 1.55 0.00	27.04 1.77 0.00	22.23 1.38 -0.37	23.89 1.15 0.00	27.44 1.29 0.00	24.97 1.24 0.00	25.14 1.24 0.00	21.97 1.04 0.00	21.11 1.02 -0.22	23.27 1.03 0.00	34.11 1.45 0.00	27.74 1.36 0.00	28.81 1.59 0.00	30.46 1.87 0.00	32.60 2.01 0.00	30.40 1.64 0.00	24.60 1.29 0.00	24.85 0.93 0.00
WATKINRD_115KV_LN8_ILION 55919	21.25 0.04 0.00	21.09 0.06 0.00	22.05 0.07 0.00	21.55 0.08 0.00	21.76 0.07 0.00	23.84 0.10 0.00	24.31 0.32 0.00	25.71 0.44 0.00	20.83 0.36 0.00	22.89 0.16 0.00	26.21 0.06 0.00	23.77 0.04 0.00	23.99 0.09 0.00	20.93 0.01 0.00	19.92 0.04 0.00	22.31 0.07 0.00	32.77 0.10 0.00	26.56 0.18 0.00	29.70 0.29 -2.19	32.31 0.40 -3.32	32.97 0.42 -1.95	29.24 0.32 -0.17	23.47 0.16 0.00	23.91 0.00 0.00
WATSON___69_KV_BK 1 55734	23.58 1.47 -0.89	22.42 1.39 0.00	23.31 1.33 0.00	22.74 1.28 0.00	22.94 1.24 0.00	25.33 1.59 0.00	26.22 2.23 0.00	27.67 2.41 0.00	22.58 1.73 -0.37	24.13 1.39 0.00	27.87 1.73 0.00	25.36 1.63 0.00	25.50 1.60 0.00	22.30 1.38 0.00	21.55 1.46 -0.22	23.77 1.53 0.00	34.89 2.23 0.00	28.58 2.05 -0.15	32.97 2.44 -3.30	32.08 2.94 -0.54	36.49 3.06 -2.84	32.61 2.47 -1.39	26.34 2.01 -1.02	26.60 1.68 -1.00
WDELAWARE___HYD 323627	22.26 1.04 0.00	21.99 0.96 0.00	22.93 0.95 0.00	22.41 0.95 0.00	22.64 0.95 0.00	24.97 1.23 0.00	25.57 1.58 0.00	27.00 1.74 0.00	22.02 1.09 -0.45	23.56 0.83 0.00	27.03 0.89 0.00	24.47 0.74 0.00	24.55 0.66 0.00	21.48 0.56 0.00	20.39 0.57 0.05	22.89 0.65 0.00	33.62 0.95 0.00	27.37 0.99 0.00	28.47 1.24 0.00	30.12 1.52 0.00	32.23 1.64 0.00	30.02 1.27 0.00	24.30 0.98 0.00	24.61 0.69 0.00
WEST BABYLON___IC 23714	24.03 1.40 -1.42	22.36 1.32 0.00	23.25 1.27 0.00	22.69 1.22 0.00	22.88 1.19 0.00	25.25 1.51 0.00	26.10 2.11 0.00	27.55 2.29 0.00	22.51 1.66 -0.37	24.07 1.34 0.00	27.80 1.66 0.00	25.29 1.56 0.00	25.46 1.56 0.00	22.26 1.34 0.00	21.49 1.40 -0.22	23.70 1.46 0.00	34.79 2.13 0.00	28.57 1.95 -0.24	34.69 2.34 -5.12	32.07 2.81 -0.67	37.94 2.93 -4.41	33.30 2.39 -2.16	26.86 1.94 -1.61	27.10 1.60 -1.58
WEST CANADA___HYD 24049	21.26 0.04 0.00	21.08 0.05 0.00	22.03 0.06 0.00	21.52 0.05 0.00	21.74 0.04 0.00	23.81 0.07 0.00	24.14 0.15 0.00	25.48 0.21 0.00	20.65 0.17 0.00	22.83 0.09 0.00	26.21 0.06 0.00	23.79 0.06 0.00	23.97 0.07 0.00	20.97 0.05 0.00	19.93 0.06 0.00	22.29 0.05 0.00	32.76 0.10 0.00	26.50 0.12 0.00	29.58 0.16 -2.19	32.12 0.21 -3.32	32.77 0.23 -1.95	29.08 0.16 -0.17	23.42 0.10 0.00	23.97 0.06 0.00
WESTERN_NY_WIND 24143	20.14 -1.08 0.00	19.89 -1.14 0.00	20.76 -1.22 0.00	20.21 -1.26 0.00	20.62 -1.07 0.00	22.74 -1.00 0.00	22.68 -1.31 0.00	23.62 -1.64 0.00	19.34 -1.14 0.00	21.53 -1.21 0.00	24.73 -1.42 0.00	22.32 -1.41 0.00	22.44 -1.46 0.00	19.75 -1.17 0.00	63.07 -1.46 -44.66	21.07 -1.17 0.00	31.09 -1.57 0.00	24.89 -1.49 0.00	25.58 -1.65 0.00	26.98 -1.61 0.00	29.16 -1.43 0.00	27.39 -1.36 0.00	22.40 -0.92 0.00	23.51 -0.40 0.00
WESTOVER___LESR 323668	20.94 -0.28 0.00	20.73 -0.30 0.00	21.67 -0.31 0.00	21.15 -0.31 0.00	21.40 -0.29 0.00	23.61 -0.13 0.00	23.95 -0.04 0.00	25.18 -0.08 0.00	20.55 -0.07 -0.15	22.60 -0.13 0.00	25.95 -0.19 0.00	23.42 -0.32 0.00	23.69 -0.20 0.00	20.77 -0.15 0.00	19.67 -0.20 0.00	22.11 -0.13 0.00	32.52 -0.15 0.00	26.24 -0.14 0.00	27.14 -0.09 0.00	28.66 0.07 0.00	30.71 0.11 0.00	28.64 -0.12 0.00	23.23 -0.09 0.00	23.86 -0.05 0.00
WETHRSFD_WT_PWR 323626	19.16 -2.05 0.00	18.91 -2.12 0.00	19.76 -2.21 0.00	19.25 -2.21 0.00	19.63 -2.07 0.00	21.66 -2.08 0.00	21.58 -2.40 0.00	22.31 -2.96 0.00	18.26 -2.22 0.00	20.40 -2.34 0.00	23.61 -2.54 0.00	20.55 -2.30 0.88	21.67 -2.23 0.00	19.04 -1.88 0.00	53.72 -2.25 -36.10	20.24 -2.00 0.00	29.94 -2.70 0.03	22.85 -2.44 1.08	22.33 -2.52 2.37	25.38 -2.81 0.40	27.61 -2.73 0.25	25.73 -2.51 0.52	19.35 -1.88 2.08	21.71 -1.38 0.82
WHAVSTOR_138KV_BK127 55557	21.98 0.77 0.00	21.73 0.70 0.00	22.65 0.67 0.00	22.12 0.66 0.00	22.34 0.64 0.00	24.64 0.90 0.00	25.26 1.28 0.00	26.75 1.48 0.00	21.96 1.13 -0.36	23.63 0.89 0.00	27.14 0.99 0.00	24.68 0.95 0.00	24.84 0.94 0.00	21.70 0.78 0.00	20.31 0.74 0.30	23.01 0.77 0.00	33.76 1.09 0.00	27.45 1.07 0.00	28.53 1.31 0.00	30.18 1.59 0.00	32.31 1.71 0.00	30.13 1.38 0.00	24.40 1.09 0.00	24.69 0.77 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	21.98 0.77 0.00	21.73 0.70 0.00	22.65 0.67 0.00	22.12 0.66 0.00	22.34 0.64 0.00	24.64 0.90 0.00	25.26 1.28 0.00	26.75 1.48 0.00	21.96 1.13 -0.36	23.63 0.89 0.00	27.14 0.99 0.00	24.68 0.95 0.00	24.84 0.94 0.00	21.70 0.78 0.00	20.31 0.74 0.30	23.01 0.77 0.00	33.76 1.09 0.00	27.45 1.07 0.00	28.53 1.31 0.00	30.18 1.59 0.00	32.31 1.71 0.00	30.13 1.38 0.00	24.40 1.09 0.00	24.69 0.77 0.00

WHITEHAL_115KV_TB1 80871	22.48 1.26 0.00	22.41 1.38 0.00	23.35 1.37 0.00	22.82 1.36 0.00	23.08 1.38 0.00	25.60 1.86 0.00	26.41 2.42 0.00	28.00 2.74 0.00	26.76 2.10 -4.18	24.52 1.79 0.00	27.75 1.60 0.00	25.29 1.56 0.00	25.44 1.54 0.00	22.16 1.24 0.00	21.04 1.17 0.00	23.36 1.12 0.00	34.54 1.88 0.00	28.52 2.14 0.00	29.71 2.48 0.00	31.06 2.46 0.00	33.04 2.45 0.00	30.75 2.00 0.00	24.48 1.17 0.00	24.86 0.95 0.00
WHITEPLN_13_KV_LOAD 356215	22.19 0.98 0.00	21.94 0.91 0.00	22.87 0.89 0.00	22.34 0.87 0.00	22.56 0.87 0.00	24.89 1.15 0.00	25.56 1.57 0.00	27.09 1.83 0.00	22.27 1.43 -0.37	23.96 1.22 0.00	27.51 1.36 0.00	25.02 1.29 0.00	25.18 1.29 0.00	22.01 1.09 0.00	21.15 1.05 -0.23	23.34 1.10 0.00	34.25 1.58 0.00	27.88 1.50 0.00	28.96 1.74 0.00	30.63 2.04 0.00	32.76 2.16 0.00	30.53 1.78 0.00	24.69 1.38 0.00	24.96 1.05 0.00
WM_FLOYD_69_KV_BK2 356380	23.16 1.27 -0.67	22.27 1.24 0.00	23.13 1.15 0.00	22.57 1.10 0.00	22.75 1.06 0.00	25.12 1.38 0.00	52.00 2.13 -25.89	27.45 2.19 0.00	22.36 1.51 -0.37	13.58 1.08 10.24	3.71 1.34 23.77	17.52 1.31 7.52	6.78 1.26 18.38	8.79 1.07 13.20	19.22 1.21 1.86	22.44 1.25 1.05	18.53 1.76 15.90	23.87 1.71 4.22	31.87 2.14 -2.51	31.77 2.69 -0.48	35.54 2.78 -2.16	31.92 2.11 -1.06	25.84 1.76 -0.76	26.14 1.48 -0.75
WOODARD__115KV_TB2 355635	20.78 -0.43 0.00	20.58 -0.45 0.00	21.52 -0.46 0.00	21.01 -0.46 0.00	21.27 -0.43 0.00	23.34 -0.41 0.00	23.56 -0.43 0.00	24.83 -0.43 0.00	20.15 -0.32 0.00	22.34 -0.39 0.00	25.67 -0.47 0.00	23.26 -0.47 0.00	23.42 -0.48 0.00	20.55 -0.37 0.00	19.48 -0.40 0.00	21.85 -0.39 0.00	32.10 -0.56 0.00	25.93 -0.44 0.00	26.01 -0.44 0.78	27.02 -0.39 1.19	29.51 -0.38 0.70	28.26 -0.43 0.06	22.98 -0.33 0.00	23.76 -0.15 0.00
YORK__WARBASSE 23770	22.19 0.98 0.00	21.93 0.90 0.00	22.85 0.87 0.00	22.31 0.85 0.00	22.54 0.85 0.00	24.90 1.16 0.00	25.57 1.58 0.00	27.08 1.82 0.00	22.27 1.43 -0.37	23.93 1.20 0.00	27.46 1.32 0.00	24.99 1.26 0.00	25.15 1.25 0.00	21.99 1.06 0.00	21.14 1.05 -0.22	23.29 1.05 0.00	34.16 1.49 0.00	27.79 1.41 0.00	28.87 1.64 0.00	30.55 1.96 0.00	32.68 2.09 0.00	30.49 1.73 0.00	24.69 1.38 0.00	24.94 1.03 0.00