

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										05/30/2025			
Generator Data																									
Name	PTID	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
59TH STREET_GT_1	24138	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.94	17.89	19.25	24.26	25.03	25.67	33.39	38.99	30.62	26.53	26.87	25.92	29.34	31.03	27.08	33.45	33.47	33.15	32.64	32.86	31.87	28.90	26.63	23.28
		1.79	1.35	1.43	1.78	1.72	1.71	1.77	1.96	1.78	1.76	1.89	1.84	2.02	2.20	2.02	2.65	2.48	2.41	2.23	2.07	2.04	1.62	1.56	1.53
		0.00	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
74TH STREET_GT_1	24260	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.93	17.87	19.23	24.27	25.05	25.68	33.42	39.02	30.64	26.53	26.87	25.92	29.35	31.00	27.07	33.42	33.45	33.14	32.62	32.86	31.88	28.90	26.64	23.28
		1.77	1.33	1.41	1.79	1.74	1.73	1.80	1.99	1.80	1.76	1.89	1.83	2.02	2.18	2.01	2.61	2.45	2.40	2.21	2.06	2.05	1.63	1.57	1.54
		0.00	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
74TH STREET_GT_2	24261	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.93	17.87	19.23	24.27	25.05	25.68	33.42	39.02	30.64	26.53	26.87	25.92	29.35	31.00	27.07	33.42	33.45	33.14	32.62	32.86	31.88	28.90	26.64	23.28
		1.77	1.33	1.41	1.79	1.74	1.73	1.80	1.99	1.80	1.76	1.89	1.83	2.02	2.18	2.01	2.61	2.45	2.40	2.21	2.06	2.05	1.63	1.57	1.54
		0.00	-0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
ADK HUDSON___FALLS	24011	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.67	17.68	19.04	24.04	24.79	25.46	33.04	38.36	29.85	25.55	25.77	25.02	28.45	30.03	25.96	31.95	32.32	32.05	31.73	32.10	31.26	28.57	26.30	22.88
		1.52	1.08	1.23	1.56	1.48	1.50	1.42	1.33	1.01	0.78	0.80	0.93	1.13	1.20	0.90	1.14	1.32	1.32	1.31	1.32	1.49	1.29	1.23	1.13
		0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.16	0.00	0.08	0.59	0.00	0.00	0.00
ADK RESOURCE___RCVRY	23798	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.86	17.80	19.17	24.21	24.94	25.62	33.17	38.46	29.95	25.62	25.86	25.14	28.60	30.21	26.06	32.04	32.46	32.14	31.84	32.23	31.45	28.75	26.48	23.04
		1.70	1.20	1.35	1.73	1.63	1.67	1.56	1.42	1.11	0.85	0.88	1.06	1.28	1.38	1.00	1.24	1.47	1.42	1.42	1.44	1.68	1.48	1.42	1.30
		0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.16	0.00	0.08	0.59	0.00	0.00	0.00
ADK S GLENS___FALLS	24028	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.67	17.68	19.04	24.04	24.79	25.46	33.04	38.36	29.85	25.55	25.77	25.02	28.45	30.03	25.96	31.95	32.32	32.05	31.73	32.10	31.26	28.57	26.30	22.88
		1.52	1.08	1.23	1.56	1.48	1.50	1.42	1.33	1.01	0.78	0.80	0.93	1.13	1.20	0.90	1.14	1.32	1.32	1.31	1.32	1.49	1.29	1.23	1.13
		0.00	-0.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.16	0.00	0.08	0.59	0.00	0.00	0.00
ADK_NYS___DAM	23527	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.46	17.61	19.00	24.01	24.71	25.33	32.75	38.07	29.63	25.50	25.74	24.85	28.28	29.87	25.89	31.90	32.05	31.77	31.40	31.66	30.77	28.10	25.95	22.64
		1.31	1.02	1.18	1.54	1.40	1.38	1.14	1.04	0.80	0.73	0.76	0.76	0.96	1.05	0.82	1.09	1.06	1.04	0.98	0.87	0.99	0.82	0.89	0.90
		0.00	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.15	0.00	0.08	0.58	0.00	0.00	0.00
AIR_PRODUCTS___DRP	24190	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		24.67	17.10	18.41	23.24	23.94	24.52	31.81	37.02	28.87	24.85	25.08	24.21	27.45	28.99	25.22	31.05	31.19	30.87	30.49	30.74	29.81	27.21	25.17	21.95
		0.51	0.51	0.59	0.76	0.63	0.56	0.20	-0.01	0.04	0.08	0.10	0.12	0.13	0.16	0.16	0.24	0.19	0.14	0.08	-0.04	0.02	-0.06	0.10	0.21
		0.00	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.15	0.00	0.08	0.58	0.00	0.00	0.00
AKWESSNE_115KV_BK	355683	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		23.58	10.32	17.30	21.82	22.71	23.44	31.46	37.36	29.01	24.89	25.09	24.12	27.45	28.89	25.09	30.86	31.22	31.02	30.71	31.24	30.40	27.71	25.34	21.74
		-0.58	-0.48	-0.52	-0.66	-0.60	-0.51	-0.15	0.33	0.17	0.12	0.12	0.04	0.13	0.07	0.04	0.04	0.22	0.20	0.29	0.40	0.27	0.44	0.28	-0.01
		0.00	5.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.01	0.00	0.06	0.00	0.04	0.24	0.00	0.00	0.00
ALBANY_1_SOLAR	323833	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.12	17.35	18.71	23.63	24.37	24.97	32.46	37.67	29.12	24.95	25.25	24.41	27.56	29.19	25.35	31.30	31.59	31.46	31.07	31.39	30.45	27.81	25.66	22.35
		0.97	0.78	0.89	1.15	1.07	1.02	0.84	0.64	0.28	0.18	0.27	0.33	0.24	0.37	0.29	0.49	0.59	0.73	0.66	0.60	0.66	0.54	0.59	0.61
		0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.15	0.00	0.08	0.57	0.00	0.00	0.00
ALBANY_2_SOLAR	323834	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		25.12	17.35	18.71	23.63	24.37	24.96	32.45	37.66	29.11	24.95	25.24	24.40	27.56	29.19	25.35	31.30	31.59	31.46	31.07	31.39	30.45	27.80	25.65	22.35
		0.96	0.77	0.89	1.15	1.06	1.00	0.83	0.63	0.28	0.18	0.27	0.32	0.24	0.36	0.29	0.49	0.59	0.73	0.65	0.60	0.65	0.52	0.58	0.61
		0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.15	0.00	0.08	0.57	0.00	0.00	0.00
ALBANY___1	23571	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT
		24.67	17.10	18.41	23.24	23.94	24.52	31.81	37.02	28.87	24.85	25.08	24.21	27.45	28.99	25.22	31.05	31.19	30.87	30.49	30.74	29.81	27.21	25.17	21.95
		0.51	0.51	0.59	0.76	0.63	0.56	0.20	-0.01	0.04	0.08	0.10	0.12	0.13	0.16	0.16	0.24	0.19	0.14	0.08	-0.04	0.02	-0.06	0.10	0.21
		0.00	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.15	0.00	0.08	0.58	0.00		



ALBANY___2 23572	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.08 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.16 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.19 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.74 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.21 0.00
ALBANY___3 23573	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.08 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.16 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.19 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.74 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.21 0.00
ALBANY___4 23574	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.08 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.16 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.19 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.74 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.21 0.00
ALBANY___LFGE 323615	24.89 0.73 0.00	17.23 0.65 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.82 0.00	24.73 0.77 0.00	32.10 0.49 0.00	37.36 0.33 0.00	29.13 0.29 0.00	25.07 0.30 0.00	25.30 0.33 0.00	24.43 0.35 0.00	27.72 0.40 0.00	29.28 0.45 0.00	25.46 0.40 0.00	31.36 0.55 0.02	31.52 0.52 0.00	31.21 0.49 0.15	30.81 0.40 0.00	31.08 0.29 0.08	30.14 0.35 0.58	27.50 0.22 0.00	25.40 0.34 0.00	22.14 0.40 0.00
ALCOA_PA_115KV_PL-6C 55860	23.55 -0.61 0.00	10.48 -0.50 5.07	17.27 -0.55 0.00	21.79 -0.69 0.00	22.68 -0.63 0.00	23.43 -0.52 0.00	31.48 -0.13 0.00	37.55 0.52 0.00	29.12 0.29 0.00	25.00 0.23 0.00	25.19 0.21 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.14 0.00	25.14 0.08 0.00	30.93 0.11 0.01	31.30 0.30 0.00	31.06 0.25 0.06	30.78 0.36 0.00	31.36 0.53 0.04	30.44 0.32 0.25	27.84 0.56 0.00	25.44 0.38 0.00	21.74 -0.01 0.00
ALCOA_RYNLDS___DRP 24188	23.55 -0.61 0.00	10.48 -0.50 5.07	17.27 -0.55 0.00	21.79 -0.69 0.00	22.68 -0.63 0.00	23.43 -0.52 0.00	31.48 -0.13 0.00	37.55 0.52 0.00	29.12 0.29 0.00	25.00 0.23 0.00	25.19 0.21 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.14 0.00	25.14 0.08 0.00	30.93 0.11 0.01	31.30 0.30 0.00	31.06 0.25 0.06	30.78 0.36 0.00	31.36 0.53 0.04	30.44 0.32 0.25	27.84 0.56 0.00	25.44 0.38 0.00	21.74 -0.01 0.00
ALCOA___DSASP 323711	23.55 -0.61 0.00	10.48 -0.50 5.07	17.27 -0.55 0.00	21.78 -0.69 0.00	22.68 -0.63 0.00	23.43 -0.52 0.00	31.48 -0.13 0.00	37.55 0.51 0.00	29.12 0.29 0.00	25.00 0.23 0.00	25.19 0.21 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.14 0.00	25.14 0.08 0.00	30.93 0.11 0.01	31.30 0.30 0.00	31.06 0.25 0.06	30.78 0.36 0.00	31.36 0.53 0.04	30.44 0.32 0.25	27.84 0.56 0.00	25.44 0.38 0.00	21.74 -0.01 0.00
ALLEGHENY___COGEN 23514	24.77 0.61 0.00	16.71 0.13 -0.53	17.97 0.15 0.00	22.68 0.20 0.00	23.50 0.19 0.00	24.31 0.36 0.00	32.22 0.60 0.00	36.98 -0.05 0.00	28.08 -0.76 0.00	23.78 -0.99 0.00	25.14 -1.14 -1.31	49.27 -1.00 -26.19	26.17 -1.16 0.00	27.76 -1.06 0.00	24.24 -0.82 0.00	29.86 -0.95 0.02	29.74 -1.26 0.00	30.04 -0.69 0.15	29.94 -0.48 0.00	30.61 -0.17 0.08	29.70 -0.08 0.58	27.04 -0.23 0.00	24.78 -0.28 0.00	21.26 -0.54 -0.06
ALTAMONT_115KV_TB 2 55880	24.88 0.73 0.00	17.18 0.60 -0.53	18.51 0.69 0.00	23.37 0.90 0.00	24.11 0.80 0.00	24.69 0.74 0.00	32.14 0.52 0.00	37.41 0.38 0.00	29.15 0.31 0.00	25.07 0.29 0.00	25.30 0.33 0.00	24.42 0.34 0.00	27.69 0.37 0.00	29.24 0.42 0.00	25.43 0.37 0.00	31.32 0.51 0.02	31.47 0.47 0.00	31.21 0.48 0.15	30.83 0.42 0.00	31.14 0.35 0.08	30.20 0.41 0.57	27.57 0.30 0.00	25.42 0.36 0.00	22.16 0.41 0.00
ALTONA_WT_PWR 323606	23.35 -0.81 0.00	10.12 -0.64 5.29	17.17 -0.65 0.00	21.70 -0.78 0.00	22.53 -0.78 0.00	23.37 -0.58 0.00	31.56 -0.06 0.00	37.50 0.46 0.00	29.04 0.20 0.00	24.94 0.17 0.00	25.18 0.21 0.00	24.24 0.15 0.00	27.54 0.22 0.00	29.07 0.24 0.00	25.18 0.12 0.00	31.04 0.21 0.01	31.48 0.49 0.00	31.21 0.39 0.06	30.93 0.51 0.00	31.54 0.70 0.03	30.79 0.66 0.24	28.05 0.78 0.00	25.64 0.58 0.00	22.02 0.28 0.00
AMERICAN_REF_FUEL 24010	23.34 -0.81 0.00	15.66 -0.92 -0.53	16.83 -0.99 0.00	21.20 -1.28 0.00	21.89 -1.42 0.00	22.69 -1.27 0.00	30.08 -1.53 0.00	34.83 -2.20 0.00	27.14 -1.69 0.00	22.81 -1.96 0.00	22.64 -2.01 0.32	16.05 -1.56 6.47	25.10 -2.22 0.00	26.62 -2.21 0.00	23.27 -1.79 0.00	28.26 -2.55 0.02	27.93 -3.07 0.00	27.69 -3.03 0.16	27.47 -2.95 0.00	27.99 -2.80 0.08	27.07 -2.69 0.61	24.81 -2.47 0.00	22.70 -2.37 0.00	19.42 -2.32 0.01
ARKWRIGHT___SUMMIT_WT_PWR 323751	23.91 -0.25 0.00	16.12 -0.46 -0.53	17.36 -0.46 0.00	21.96 -0.52 0.00	22.64 -0.67 0.00	23.40 -0.56 0.00	30.91 -0.70 0.00	35.81 -1.22 0.00	28.08 -0.76 0.00	23.89 -0.87 0.00	23.57 -1.14 0.26	17.71 -1.06 5.32	26.05 -1.27 0.00	27.82 -1.00 0.00	24.39 -0.67 0.00	29.60 -1.21 0.02	29.32 -1.68 0.00	28.81 -1.92 0.16	28.44 -1.97 0.00	29.02 -1.76 0.08	27.88 -1.88 0.60	25.43 -1.85 0.00	23.35 -1.72 0.00	19.71 -2.03 0.01
ARTHUR KILL_GT_1 23520	25.81 1.67 0.01	17.76 1.24 -0.47	19.11 1.31 0.02	24.12 1.65 0.00	24.89 1.58 0.00	25.56 1.61 0.00	33.53 1.91 0.00	38.82 1.79 0.00	30.44 1.60 0.00	26.32 1.55 0.00	26.64 1.67 0.00	25.67 1.59 0.00	29.08 1.75 0.00	30.69 1.87 0.00	26.90 1.84 0.00	33.14 2.33 0.02	33.24 2.24 0.00	32.96 2.22 0.14	32.42 2.01 0.00	32.69 1.90 0.07	31.73 1.90 0.53	28.77 1.50 0.00	26.52 1.46 0.00	23.17 1.43 0.00
ARTHUR_KILL_2 23512	25.74 1.60 0.01	17.72 1.19 -0.48	19.07 1.26 0.01	24.06 1.59 0.00	24.83 1.52 0.00	25.49 1.54 0.00	33.43 1.82 0.00	38.71 1.68 0.00	30.36 1.52 0.00	26.25 1.49 0.00	26.58 1.61 0.00	25.60 1.52 0.00	29.01 1.68 0.00	30.63 1.80 0.00	26.83 1.77 0.00	33.06 2.25 0.02	33.14 2.14 0.00	32.86 2.12 0.14	32.33 1.92 0.00	32.59 1.80 0.07	31.63 1.80 0.53	28.68 1.40 0.00	26.44 1.38 0.00	23.11 1.36 0.00
ARTHUR_KILL_3 23513	25.71 1.56 0.00	17.73 1.19 -0.49	19.07 1.25 0.00	24.06 1.58 0.00	24.83 1.52 0.00	25.45 1.49 0.00	33.03 1.42 0.00	38.61 1.58 0.00	30.30 1.46 0.00	26.25 1.48 0.00	26.57 1.60 0.00	25.62 1.53 0.00	29.01 1.69 0.00	30.65 1.83 0.00	26.77 1.71 0.00	33.05 2.24 0.02	33.08 2.09 0.00	32.79 2.05 0.14	32.28 1.87 0.00	32.50 1.71 0.07	31.54 1.71 0.53	28.60 1.33 0.00	26.37 1.31 0.00	23.05 1.31 0.00



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ASTORIA_GT4_4 24105	25.84 1.68 0.00	17.80 1.26 -0.49	19.18 1.36 0.00	24.19 1.71 0.00	24.93 1.62 0.00	25.51 1.56 0.00	33.21 1.59 0.00	38.72 1.69 0.00	30.46 1.63 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.68 1.59 0.00	29.05 1.73 0.00	30.69 1.87 0.00	26.81 1.75 0.00	33.07 2.26 0.02	33.08 2.09 0.00	32.83 2.09 0.14	32.29 1.88 0.00	32.58 1.78 0.07	31.60 1.77 0.53	28.65 1.38 0.00	26.43 1.37 0.00	23.16 1.41 0.00
ASTORIA_GT_1 23523	25.87 1.72 0.00	17.82 1.28 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.95 1.64 0.00	25.54 1.59 0.00	33.25 1.64 0.00	38.77 1.74 0.00	30.50 1.66 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.72 1.63 0.00	29.10 1.78 0.00	30.73 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.14 2.15 0.00	32.88 2.14 0.14	32.34 1.93 0.00	32.63 1.84 0.07	31.65 1.82 0.53	28.69 1.42 0.00	26.46 1.40 0.00	23.19 1.45 0.00
ASTORIA_GT_10 24110	25.86 1.71 0.00	17.83 1.29 -0.49	19.19 1.37 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.79 1.97 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA_GT_11 24225	25.86 1.71 0.00	17.83 1.29 -0.49	19.19 1.37 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.79 1.97 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA_GT_12 24226	25.86 1.71 0.00	17.83 1.29 -0.49	19.19 1.37 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.79 1.97 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA_GT_13 24227	25.86 1.71 0.00	17.83 1.29 -0.49	19.19 1.37 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.79 1.97 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA_GT_5 24106	25.87 1.72 0.00	17.82 1.28 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.95 1.64 0.00	25.54 1.59 0.00	33.25 1.64 0.00	38.77 1.74 0.00	30.50 1.66 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.72 1.63 0.00	29.10 1.78 0.00	30.73 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.14 2.15 0.00	32.88 2.14 0.14	32.34 1.93 0.00	32.63 1.84 0.07	31.65 1.82 0.53	28.69 1.42 0.00	26.46 1.40 0.00	23.19 1.45 0.00
ASTORIA_GT_7 24107	25.87 1.72 0.00	17.82 1.28 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.95 1.64 0.00	25.54 1.59 0.00	33.25 1.64 0.00	38.77 1.74 0.00	30.50 1.66 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.72 1.63 0.00	29.10 1.78 0.00	30.73 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.14 2.15 0.00	32.88 2.14 0.14	32.34 1.93 0.00	32.63 1.84 0.07	31.65 1.82 0.53	28.69 1.42 0.00	26.46 1.40 0.00	23.19 1.45 0.00
ASTORIA_GT_8 24108	25.87 1.72 0.00	17.82 1.28 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.95 1.64 0.00	25.54 1.59 0.00	33.25 1.64 0.00	38.77 1.74 0.00	30.50 1.66 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.72 1.63 0.00	29.10 1.78 0.00	30.73 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.14 2.15 0.00	32.88 2.14 0.14	32.34 1.93 0.00	32.63 1.84 0.07	31.65 1.82 0.53	28.69 1.42 0.00	26.46 1.40 0.00	23.19 1.45 0.00
ASTORIA___2 24149	25.85 1.68 -0.01	17.80 1.26 -0.50	19.18 1.36 -0.01	24.19 1.71 0.00	24.93 1.62 0.00	25.51 1.56 0.00	33.21 1.59 0.00	38.72 1.69 0.00	30.46 1.62 0.00	26.34 1.57 0.00	26.66 1.69 0.00	25.67 1.58 0.00	29.05 1.73 0.00	30.69 1.87 0.00	26.81 1.75 0.00	33.07 2.26 0.02	33.08 2.08 0.00	32.82 2.08 0.14	32.29 1.88 0.00	32.57 1.78 0.07	31.60 1.77 0.53	28.65 1.38 0.00	26.43 1.36 0.00	23.16 1.42 0.00
ASTORIA___3 23516	25.87 1.71 -0.01	17.84 1.29 -0.50	19.20 1.37 -0.01	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.37 1.60 0.00	26.70 1.73 0.00	25.74 1.66 0.00	29.15 1.83 0.00	30.79 1.97 0.00	26.89 1.84 0.00	33.20 2.39 0.02	33.22 2.22 0.00	32.92 2.18 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA___4 23517	25.86 1.71 0.00	17.83 1.29 -0.49	19.19 1.37 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.79 1.97 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
ASTORIA___5 23518	25.87 1.71 -0.01	17.84 1.29 -0.50	19.20 1.37 -0.01	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.37 1.60 0.00	26.70 1.73 0.00	25.74 1.66 0.00	29.15 1.83 0.00	30.79 1.97 0.00	26.89 1.84 0.00	33.20 2.39 0.02	33.22 2.22 0.00	32.92 2.18 0.14	32.40 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.18 1.44 0.00
AST_ENERGY_2_CC3 323677	25.76 1.60 0.00	17.77 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.15 1.53 0.00	38.68 1.65 0.00	30.37 1.53 0.00	26.31 1.54 0.00	26.64 1.67 0.00	25.69 1.61 0.00	29.07 1.75 0.00	30.71 1.88 0.00	26.82 1.76 0.00	33.11 2.30 0.02	33.14 2.14 0.00	32.84 2.09 0.14	32.34 1.93 0.00	32.57 1.77 0.07	31.60 1.77 0.53	28.67 1.40 0.00	26.43 1.37 0.00	23.13 1.38 0.00
AST_ENERGY_2_CC4 323678	25.76 1.60 0.00	17.77 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.15 1.53 0.00	38.68 1.65 0.00	30.37 1.53 0.00	26.31 1.54 0.00	26.64 1.67 0.00	25.69 1.61 0.00	29.07 1.75 0.00	30.71 1.88 0.00	26.82 1.76 0.00	33.11 2.30 0.02	33.14 2.14 0.00	32.84 2.09 0.14	32.34 1.93 0.00	32.57 1.77 0.07	31.60 1.77 0.53	28.67 1.40 0.00	26.43 1.37 0.00	23.13 1.38 0.00



ATHENS_STG_1 23668	25.02 0.86 0.00	17.26 0.70 -0.51	18.62 0.81 0.00	23.52 1.04 0.00	24.25 0.95 0.00	24.82 0.86 0.00	32.27 0.65 0.00	37.57 0.54 0.00	29.34 0.50 0.00	25.29 0.53 0.00	25.55 0.58 0.00	24.66 0.57 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.70 0.64 0.00	31.67 0.86 0.02	31.79 0.79 0.00	31.50 0.76 0.15	31.09 0.68 0.00	31.38 0.59 0.08	30.43 0.63 0.56	27.74 0.47 0.00	25.58 0.52 0.00	22.32 0.57 0.00
ATHENS_STG_2 23670	25.02 0.86 0.00	17.26 0.70 -0.51	18.62 0.81 0.00	23.52 1.04 0.00	24.25 0.95 0.00	24.82 0.86 0.00	32.27 0.65 0.00	37.57 0.54 0.00	29.34 0.50 0.00	25.29 0.53 0.00	25.55 0.58 0.00	24.66 0.57 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.70 0.64 0.00	31.67 0.86 0.02	31.79 0.79 0.00	31.50 0.76 0.15	31.09 0.68 0.00	31.38 0.59 0.08	30.43 0.63 0.56	27.74 0.47 0.00	25.58 0.52 0.00	22.32 0.57 0.00
ATHENS_STG_3 23677	25.02 0.86 0.00	17.26 0.70 -0.51	18.62 0.81 0.00	23.52 1.04 0.00	24.25 0.95 0.00	24.82 0.86 0.00	32.27 0.65 0.00	37.57 0.54 0.00	29.34 0.50 0.00	25.29 0.53 0.00	25.55 0.58 0.00	24.66 0.57 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.70 0.64 0.00	31.67 0.86 0.02	31.79 0.79 0.00	31.50 0.76 0.15	31.09 0.68 0.00	31.38 0.59 0.08	30.43 0.63 0.56	27.74 0.47 0.00	25.58 0.52 0.00	22.32 0.57 0.00
AUBURN___LFGE 323710	24.45 0.29 0.00	16.68 0.14 -0.49	17.99 0.17 0.00	22.61 0.13 0.00	23.42 0.11 0.00	24.17 0.21 0.00	31.74 0.12 0.00	36.79 -0.24 0.00	28.48 -0.35 0.00	24.33 -0.44 0.00	24.46 -0.51 0.00	23.64 -0.44 0.00	26.67 -0.65 0.00	28.26 -0.57 0.00	24.62 -0.44 0.00	30.22 -0.59 0.01	30.35 -0.65 0.00	30.31 -0.52 0.06	29.99 -0.42 0.00	30.36 -0.48 0.03	29.78 -0.37 0.21	26.89 -0.39 0.00	24.60 -0.47 0.00	21.38 -0.37 0.00
BABYLON_RES_REC 323704	25.99 1.83 0.00	17.96 1.42 -0.49	19.28 1.46 0.00	24.31 1.84 0.00	25.11 1.80 0.00	25.75 1.80 0.00	33.35 1.73 0.00	40.84 2.15 -1.65	32.05 1.81 -1.41	28.29 1.94 -1.59	39.12 2.11 -12.03	26.28 1.86 -0.34	31.97 2.08 -2.56	30.83 2.01 0.00	26.97 1.90 0.00	33.25 2.44 0.02	33.21 2.21 0.00	32.85 2.11 0.14	32.42 2.01 0.00	32.76 1.96 0.07	31.78 1.95 0.53	28.80 1.52 0.00	26.68 1.62 0.00	23.38 1.64 0.00
BALL_HILL_WT_PWR 323825	23.96 -0.20 0.00	16.16 -0.42 -0.53	17.38 -0.43 0.00	21.94 -0.54 0.00	22.65 -0.66 0.00	23.43 -0.53 0.00	31.01 -0.61 0.00	35.90 -1.13 0.00	27.96 -0.88 0.00	23.70 -1.07 0.00	23.39 -1.25 0.33	16.34 -1.06 6.68	25.95 -1.37 0.00	27.60 -1.23 0.00	24.14 -0.92 0.00	29.35 -1.46 0.02	29.08 -1.92 0.00	28.74 -1.98 0.16	28.43 -1.99 0.00	29.00 -1.79 0.08	27.98 -1.78 0.61	25.52 -1.75 0.00	23.42 -1.65 0.00	19.95 -1.78 0.02
BARON_WINDS___WT_PWR 323822	23.91 -0.25 0.00	16.18 -0.40 -0.53	17.34 -0.48 0.00	21.93 -0.55 0.00	22.74 -0.57 0.00	23.44 -0.51 0.00	30.95 -0.67 0.00	35.72 -1.31 0.00	27.47 -1.37 0.00	23.38 -1.38 0.00	20.97 -1.56 2.44	-26.28 -1.42 48.94	25.69 -1.64 0.00	27.24 -1.58 0.00	23.85 -1.21 0.00	29.31 -1.50 0.02	29.32 -1.67 0.00	29.25 -1.48 0.16	28.86 -1.55 0.00	29.49 -1.30 0.08	28.47 -1.31 0.59	25.95 -1.33 0.00	23.94 -1.12 0.00	20.35 -1.28 0.11
BARRETT_IC_1 23704	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_10 23701	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_11 23702	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_12 23703	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_2 23705	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_3 23706	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_4 23707	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_5 23708	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06



BARRETT_IC_6 23709	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_7 23710	25.88 1.72 0.00	17.87 1.33 -0.49	19.18 1.36 0.00	24.21 1.73 0.00	24.99 1.68 0.00	25.63 1.68 0.00	33.25 1.62 -0.01	57.55 1.98 -18.54	51.34 1.65 -20.85	44.20 1.72 -17.72	93.51 1.85 -66.69	29.60 1.68 -3.84	64.38 1.94 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.05 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.31 1.50 -0.06
BARRETT_IC_8 23711	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT_IC_9 23700	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT___1 23545	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BARRETT___2 23546	25.88 1.72 0.00	17.86 1.32 -0.49	19.18 1.37 0.00	24.21 1.73 0.00	24.99 1.69 0.00	25.62 1.67 0.00	33.25 1.62 -0.01	57.52 1.95 -18.54	51.32 1.63 -20.85	44.20 1.72 -17.72	93.52 1.85 -66.69	29.60 1.68 -3.84	64.35 1.90 -35.12	35.37 1.86 -4.69	26.83 1.77 0.00	33.08 2.27 0.02	33.04 2.04 0.00	32.70 1.96 0.14	32.25 1.83 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.62 1.35 0.00	26.52 1.45 -0.01	23.29 1.48 -0.06
BATAVIA___115KV_TB1 55881	24.32 0.16 0.00	16.35 -0.23 -0.53	17.59 -0.23 0.00	22.15 -0.33 0.00	22.90 -0.40 0.00	23.74 -0.21 0.00	31.51 -0.11 0.00	36.44 -0.59 0.00	28.13 -0.71 0.00	23.64 -1.13 0.00	23.50 -1.26 0.22	18.68 -0.99 4.42	25.93 -1.39 0.00	27.53 -1.29 0.00	24.04 -1.02 0.00	29.44 -1.37 0.02	29.13 -1.87 0.00	29.14 -1.59 0.16	29.01 -1.40 0.00	29.58 -1.21 0.08	28.66 -1.11 0.60	26.19 -1.08 0.00	23.91 -1.16 0.00	20.47 -1.26 0.01
BAYONEEC___CTG1 323682	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG10 323750	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG2 323683	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG3 323684	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG4 323685	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG5 323686	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG6 323687	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG7 323688	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00



BAYONEEC___CTG8 323689	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BAYONEEC___CTG9 323749	25.76 1.61 0.00	17.76 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.18 1.57 0.00	38.74 1.70 0.00	30.40 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.83 0.07	31.66 1.82 0.53	28.71 1.44 0.00	26.47 1.40 0.00	23.14 1.39 0.00
BEACON___LESR 323632	25.02 0.86 0.00	17.31 0.72 -0.53	18.66 0.84 0.00	23.55 1.08 0.00	24.29 0.98 0.00	24.86 0.91 0.00	32.32 0.70 0.00	37.69 0.66 0.00	29.28 0.44 0.00	25.21 0.44 0.00	25.41 0.43 0.00	24.57 0.48 0.00	27.86 0.53 0.00	29.50 0.67 0.00	25.60 0.54 0.00	31.60 0.80 0.02	31.72 0.72 0.00	31.45 0.72 0.15	31.12 0.70 0.00	31.34 0.55 0.08	30.36 0.57 0.58	27.48 0.21 0.00	25.36 0.29 0.00	22.09 0.34 0.00
BEAVER RIVER___HYD 24048	23.62 -0.54 0.00	14.45 -0.58 1.02	17.17 -0.65 0.00	21.88 -0.60 0.00	22.79 -0.51 0.00	23.70 -0.25 0.00	31.28 -0.33 0.00	36.91 -0.12 0.00	28.73 -0.11 0.00	24.59 -0.17 0.00	24.52 -0.45 0.00	23.44 -0.64 0.00	26.48 -0.84 0.00	27.54 -1.29 0.00	23.73 -1.33 0.00	29.26 -1.55 0.02	29.54 -1.46 0.00	29.57 -1.21 0.10	29.71 -0.70 0.00	30.67 -0.15 0.05	29.86 -0.13 0.37	27.03 -0.24 0.00	24.46 -0.60 0.00	21.05 -0.70 0.00
BEEBEE_GT_13 23619	24.07 -0.08 0.00	16.32 -0.27 -0.53	17.55 -0.27 0.00	22.12 -0.36 0.00	22.86 -0.44 0.00	23.62 -0.34 0.00	31.20 -0.41 0.00	36.18 -0.85 0.00	28.12 -0.72 0.00	23.90 -0.87 0.00	24.02 -0.95 0.00	23.24 -0.84 0.00	26.33 -1.00 0.00	27.86 -0.96 0.00	24.28 -0.78 0.00	29.70 -1.11 0.02	29.52 -1.48 0.00	29.38 -1.34 0.16	29.13 -1.29 0.00	29.58 -1.21 0.08	28.63 -1.15 0.59	26.17 -1.10 0.00	23.93 -1.13 0.00	20.63 -1.12 0.00
BENSHRST_27_KV_BENSHRST_1 355998	26.13 1.97 0.00	17.97 1.43 -0.49	19.34 1.52 0.00	24.38 1.90 0.00	25.15 1.84 0.00	25.79 1.83 0.00	33.49 1.87 0.00	39.04 2.00 0.00	30.66 1.82 0.00	26.52 1.75 0.00	26.87 1.89 0.00	25.90 1.81 0.00	29.34 2.02 0.00	30.99 2.17 0.00	27.11 2.05 0.00	33.44 2.63 0.02	33.49 2.49 0.00	33.19 2.46 0.14	32.66 2.25 0.00	32.92 2.12 0.07	31.94 2.11 0.53	28.96 1.68 0.00	26.68 1.62 0.00	23.32 1.57 0.00
BETHLEHEM___GRP 23843	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.08 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.16 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.19 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.74 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.21 0.00
BETHLEHEM___GS1 323560	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.07 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.17 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.18 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.75 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.20 0.00
BETHLEHEM___GS2 323561	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.07 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.17 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.18 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.75 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.20 0.00
BETHLEHEM___GS3 323562	24.67 0.51 0.00	17.10 0.51 -0.53	18.41 0.59 0.00	23.24 0.76 0.00	23.94 0.63 0.00	24.52 0.56 0.00	31.81 0.20 0.00	37.02 -0.01 0.00	28.87 0.04 0.00	24.85 0.08 0.00	25.07 0.10 0.00	24.21 0.12 0.00	27.45 0.13 0.00	28.99 0.17 0.00	25.22 0.16 0.00	31.05 0.24 0.02	31.18 0.19 0.00	30.87 0.14 0.15	30.49 0.08 0.00	30.75 -0.04 0.08	29.81 0.02 0.58	27.21 -0.06 0.00	25.17 0.10 0.00	21.95 0.20 0.00
BETHLEHEM___STEEL 23779	23.95 -0.21 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.87 -1.16 0.00	27.89 -0.94 0.00	23.57 -1.20 0.00	23.26 -1.32 0.39	15.09 -1.11 7.88	25.90 -1.43 0.00	27.48 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.95 -2.05 0.00	28.71 -2.01 0.16	28.41 -2.00 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
BETHLHEM_115KV_TB1 79974	24.71 0.55 0.00	17.12 0.53 -0.53	18.43 0.61 0.00	23.27 0.79 0.00	23.98 0.67 0.00	24.55 0.60 0.00	31.88 0.27 0.00	37.10 0.07 0.00	28.94 0.10 0.00	24.90 0.13 0.00	25.13 0.15 0.00	24.26 0.17 0.00	27.51 0.19 0.00	29.05 0.23 0.00	25.27 0.21 0.00	31.12 0.31 0.02	31.27 0.27 0.00	30.95 0.22 0.15	30.56 0.15 0.00	30.83 0.05 0.08	29.89 0.10 0.58	27.28 0.01 0.00	25.22 0.16 0.00	21.99 0.25 0.00
BETHPAGE_CC_5 323564	25.96 1.80 0.00	17.93 1.39 -0.49	19.24 1.42 0.00	24.28 1.80 0.00	25.07 1.76 0.00	25.71 1.76 0.00	33.33 1.72 0.00	41.31 2.08 -2.20	32.61 1.77 -2.00	28.74 1.87 -2.11	41.22 2.01 -14.24	26.28 1.74 -0.45	32.85 1.96 -3.57	30.85 1.90 -0.12	26.88 1.82 0.00	33.13 2.32 0.02	33.10 2.11 0.00	32.72 1.98 0.14	32.28 1.87 0.00	32.58 1.79 0.07	31.61 1.78 0.53	28.65 1.38 0.00	26.57 1.51 0.00	23.36 1.61 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	24.03 -0.13 0.00	16.16 -0.42 -0.53	17.38 -0.43 0.00	21.92 -0.56 0.00	22.64 -0.67 0.00	23.43 -0.52 0.00	31.08 -0.53 0.00	36.01 -1.02 0.00	27.98 -0.86 0.00	23.64 -1.12 0.00	23.35 -1.25 0.38	15.46 -1.04 7.58	25.98 -1.35 0.00	27.57 -1.26 0.00	24.13 -0.93 0.00	29.36 -1.45 0.02	29.08 -1.92 0.00	28.84 -1.88 0.16	28.53 -1.89 0.00	29.09 -1.70 0.08	28.13 -1.63 0.60	25.73 -1.55 0.00	23.52 -1.54 0.00	20.11 -1.62 0.02
BINGHAMTON___COGEN 23790	24.49 0.33 0.00	16.78 0.20 -0.53	18.05 0.23 0.00	22.81 0.33 0.00	23.57 0.26 0.00	24.23 0.27 0.00	31.75 0.14 0.00	36.83 -0.21 0.00	28.63 -0.21 0.00	24.56 -0.21 0.00	24.67 -0.31 0.00	23.87 -0.21 0.00	27.01 -0.31 0.00	28.54 -0.28 0.00	24.87 -0.18 0.00	30.50 -0.30 0.02	30.58 -0.42 0.00	30.32 -0.40 0.16	29.96 -0.46 0.00	30.41 -0.38 0.08	29.40 -0.37 0.60	26.88 -0.39 0.00	24.71 -0.35 0.00	21.47 -0.28 0.00



BIXINCNT_115KV_LOAD 355685	24.11 -0.05 0.00	16.22 -0.36 -0.53	17.45 -0.36 0.00	22.10 -0.37 0.00	22.89 -0.42 0.00	23.67 -0.29 0.00	31.41 -0.20 0.00	36.47 -0.56 0.00	28.26 -0.58 0.00	23.83 -0.94 0.00	23.59 -1.14 0.25	18.09 -1.01 4.99	25.91 -1.42 0.00	27.44 -1.38 0.00	24.21 -0.85 0.00	29.60 -1.21 0.02	29.44 -1.56 0.00	29.20 -1.52 0.16	28.86 -1.55 0.00	29.32 -1.47 0.08	28.38 -1.38 0.60	25.85 -1.42 0.00	23.55 -1.51 0.00	20.19 -1.55 0.01
BLACK RIVER___HYD 24047	23.75 -0.41 0.00	15.03 -0.50 0.53	17.30 -0.51 0.00	22.05 -0.43 0.00	22.95 -0.35 0.00	23.86 -0.10 0.00	31.40 -0.21 0.00	36.97 -0.06 0.00	28.85 0.02 0.00	24.63 -0.14 0.00	24.49 -0.49 0.00	23.28 -0.80 0.00	26.24 -1.09 0.00	27.23 -1.59 0.00	23.42 -1.64 0.00	28.83 -1.99 0.01	29.10 -1.90 0.00	29.32 -1.49 0.07	29.52 -0.90 0.00	30.64 -0.19 0.04	30.01 -0.08 0.27	27.01 -0.26 0.00	24.39 -0.67 0.00	21.02 -0.73 0.00
BLACKRVR_115KV_TB2 79977	23.75 -0.41 0.00	15.03 -0.50 0.53	17.30 -0.51 0.00	22.05 -0.43 0.00	22.96 -0.35 0.00	23.86 -0.10 0.00	31.40 -0.21 0.00	36.97 -0.06 0.00	28.85 0.02 0.00	24.63 -0.14 0.00	24.49 -0.49 0.00	23.28 -0.80 0.00	26.24 -1.09 0.00	27.23 -1.59 0.00	23.42 -1.64 0.00	28.83 -1.99 0.01	29.10 -1.90 0.00	29.31 -1.50 0.07	29.52 -0.89 0.00	30.64 -0.19 0.04	30.01 -0.08 0.27	27.01 -0.26 0.00	24.39 -0.67 0.00	21.02 -0.73 0.00
BLDWN_LI_69_KV_BK4 356085	26.05 1.89 0.00	17.97 1.43 -0.49	19.29 1.47 0.00	24.34 1.86 0.00	25.13 1.82 0.00	25.79 1.83 0.00	33.44 1.82 0.00	45.59 2.25 -6.30	37.37 1.88 -6.65	32.70 1.91 -6.03	55.54 2.07 -28.49	27.23 1.84 -1.30	40.83 2.12 -11.39	32.07 2.05 -1.19	27.00 1.94 0.00	33.30 2.50 0.02	33.30 2.30 0.00	32.95 2.21 0.14	32.51 2.10 0.00	32.82 2.02 0.07	31.85 2.02 0.53	28.86 1.59 0.00	26.71 1.65 0.00	23.43 1.66 -0.01
BLISS_WT_PWR 323608	24.03 -0.12 0.00	16.16 -0.43 -0.53	17.38 -0.44 0.00	22.04 -0.44 0.00	22.83 -0.48 0.00	23.61 -0.34 0.00	31.34 -0.27 0.00	36.41 -0.62 0.00	28.20 -0.64 0.00	23.75 -1.02 0.00	23.51 -1.21 0.25	18.01 -1.08 4.99	25.77 -1.56 0.00	27.30 -1.52 0.00	24.14 -0.92 0.00	29.55 -1.25 0.02	29.43 -1.57 0.00	29.19 -1.53 0.16	28.85 -1.56 0.00	29.29 -1.50 0.08	28.35 -1.41 0.60	25.80 -1.48 0.00	23.47 -1.59 0.00	20.12 -1.62 0.01
BLUESTONE___WT_PWR 323821	25.17 1.02 0.00	17.09 0.51 -0.53	18.34 0.52 0.00	23.26 0.78 0.00	24.23 0.92 0.00	25.05 1.10 0.00	32.94 1.32 0.00	38.29 1.26 0.00	29.60 0.76 0.00	25.34 0.57 0.00	25.45 0.48 0.00	24.71 0.62 0.00	27.80 0.48 0.00	29.39 0.56 0.00	25.65 0.59 0.00	31.39 0.59 0.02	31.73 0.74 0.00	31.68 0.95 0.15	31.45 1.04 0.00	32.04 1.26 0.08	31.01 1.23 0.58	28.17 0.90 0.00	25.62 0.56 0.00	22.19 0.45 0.00
BLUE_CIRC_CHEM_DRP 24182	24.95 0.79 0.00	17.23 0.66 -0.52	18.59 0.77 0.00	23.47 1.00 0.00	24.21 0.90 0.00	24.79 0.83 0.00	32.23 0.61 0.00	37.45 0.42 0.00	29.06 0.23 0.00	24.96 0.19 0.00	25.22 0.24 0.00	24.37 0.28 0.00	27.56 0.24 0.00	29.14 0.32 0.00	25.33 0.27 0.00	31.23 0.42 0.02	31.44 0.44 0.00	31.22 0.49 0.15	30.83 0.42 0.00	31.14 0.35 0.08	30.20 0.41 0.57	27.58 0.31 0.00	25.45 0.39 0.00	22.18 0.44 0.00
BOC_GAS_DRP 24189	24.81 0.66 0.00	17.14 0.56 -0.52	18.47 0.65 0.00	23.32 0.84 0.00	24.05 0.74 0.00	24.63 0.67 0.00	32.04 0.42 0.00	37.30 0.27 0.00	29.09 0.25 0.00	25.04 0.27 0.00	25.28 0.30 0.00	24.39 0.31 0.00	27.66 0.34 0.00	29.21 0.38 0.00	25.41 0.35 0.00	31.29 0.48 0.02	31.42 0.42 0.00	31.14 0.41 0.15	30.75 0.34 0.00	31.04 0.25 0.08	30.09 0.30 0.57	27.47 0.19 0.00	25.34 0.28 0.00	22.10 0.35 0.00
BOONVILLE_115KV_TB1 79983	24.48 0.32 0.00	16.39 0.12 -0.22	17.95 0.13 0.00	22.76 0.28 0.00	23.61 0.30 0.00	24.39 0.44 0.00	32.00 0.39 0.00	37.40 0.37 0.00	29.11 0.27 0.00	24.99 0.22 0.00	25.02 0.05 0.00	24.06 -0.02 0.00	27.19 -0.14 0.00	28.51 -0.32 0.00	24.69 -0.37 0.00	30.38 -0.43 0.02	30.60 -0.39 0.00	30.52 -0.22 0.15	30.44 0.02 0.00	31.07 0.28 0.08	30.12 0.31 0.55	27.43 0.16 0.00	25.03 -0.04 0.00	21.67 -0.08 0.00
BORALEX_4TH_BRANCH 23824	25.46 1.31 0.00	17.61 1.02 -0.53	19.00 1.18 0.00	24.02 1.54 0.00	24.71 1.40 0.00	25.33 1.38 0.00	32.75 1.14 0.00	38.07 1.04 0.00	29.63 0.80 0.00	25.49 0.73 0.00	25.74 0.76 0.00	24.85 0.76 0.00	28.28 0.96 0.00	29.87 1.05 0.00	25.89 0.82 0.00	31.90 1.09 0.02	32.06 1.06 0.00	31.77 1.04 0.15	31.40 0.98 0.00	31.66 0.87 0.08	30.77 0.99 0.58	28.10 0.82 0.00	25.95 0.89 0.00	22.64 0.89 0.00
BOWLINE___1 23526	25.46 1.30 0.00	17.52 0.99 -0.47	18.86 1.04 0.00	23.82 1.34 0.00	24.59 1.28 0.00	25.22 1.27 0.00	32.83 1.22 0.00	38.30 1.27 0.00	29.96 1.12 0.00	25.90 1.13 0.00	26.21 1.24 0.00	25.27 1.19 0.00	28.66 1.33 0.00	30.32 1.49 0.00	26.47 1.41 0.00	32.69 1.88 0.02	32.73 1.73 0.00	32.46 1.71 0.14	31.94 1.53 0.00	32.19 1.39 0.07	31.26 1.41 0.52	28.33 1.06 0.00	26.12 1.06 0.00	22.78 1.04 0.00
BOWLINE___2 23595	25.46 1.30 0.00	17.52 0.99 -0.47	18.86 1.04 0.00	23.82 1.34 0.00	24.59 1.28 0.00	25.22 1.27 0.00	32.83 1.22 0.00	38.30 1.27 0.00	29.96 1.12 0.00	25.90 1.13 0.00	26.21 1.24 0.00	25.27 1.19 0.00	28.66 1.33 0.00	30.32 1.49 0.00	26.47 1.41 0.00	32.69 1.88 0.02	32.73 1.73 0.00	32.46 1.71 0.14	31.94 1.53 0.00	32.19 1.39 0.07	31.26 1.41 0.52	28.33 1.06 0.00	26.12 1.06 0.00	22.78 1.04 0.00
BRADY___115KV_TB2 356060	23.59 -0.57 0.00	10.82 -0.50 4.73	17.27 -0.55 0.00	21.79 -0.69 0.00	22.71 -0.60 0.00	23.50 -0.46 0.00	31.66 0.05 0.00	37.78 0.75 0.00	29.26 0.43 0.00	25.07 0.30 0.00	25.21 0.24 0.00	24.16 0.08 0.00	27.46 0.14 0.00	28.87 0.05 0.00	25.04 -0.03 0.00	30.81 -0.02 0.01	31.20 0.20 0.00	30.95 0.13 0.07	30.70 0.29 0.00	31.52 0.68 0.04	30.65 0.54 0.26	28.08 0.80 0.00	25.61 0.55 0.00	21.82 0.08 0.00
BRANSCOMB___SOLAR 323811	25.44 1.29 0.00	17.54 0.95 -0.54	18.90 1.08 0.00	23.86 1.38 0.00	24.60 1.30 0.00	25.25 1.30 0.00	32.80 1.18 0.00	38.12 1.09 0.00	29.62 0.79 0.00	25.38 0.61 0.00	25.56 0.59 0.00	24.77 0.69 0.00	28.17 0.84 0.00	29.71 0.89 0.00	25.73 0.67 0.00	31.69 0.88 0.02	31.97 0.98 0.00	31.79 1.07 0.16	31.45 1.03 0.00	31.81 1.02 0.08	30.92 1.15 0.59	28.25 0.98 0.00	26.01 0.95 0.00	22.65 0.91 0.00
BRDGHMPT_69_KV_BK1 55812	25.99 1.84 0.00	17.99 1.45 -0.49	19.20 1.38 0.00	24.19 1.71 0.00	25.01 1.70 0.00	25.80 1.85 0.00	33.36 1.75 0.00	39.98 2.29 -0.67	31.12 1.96 -0.33	27.83 2.42 -0.64	35.40 2.42 -8.00	26.16 1.94 -0.14	30.24 2.19 -0.73	30.54 1.93 0.22	26.96 1.90 0.00	33.42 2.61 0.02	33.53 2.53 0.00	33.32 2.57 0.14	32.98 2.57 0.00	33.50 2.71 0.07	32.41 2.58 0.53	29.27 2.00 0.00	27.18 2.12 0.00	23.76 2.02 0.00



BRENTWOD_69_KV_W. BRTWOOD 56703	26.09 1.94 0.00	18.05 1.51 -0.49	19.36 1.54 0.00	24.43 1.95 0.00	25.23 1.92 0.00	25.86 1.90 0.00	33.45 1.83 0.00	40.13 2.25 -0.85	31.26 1.90 -0.53	27.63 2.05 -0.82	35.97 2.24 -8.75	26.23 1.97 -0.18	30.66 2.26 -1.08	30.78 2.14 0.18	27.09 2.03 0.00	33.39 2.58 0.02	33.31 2.32 0.00	33.00 2.26 0.14	32.56 2.15 0.00	32.93 2.14 0.07	31.95 2.12 0.53	28.94 1.67 0.00	26.81 1.75 0.00	23.53 1.79 0.00
BRISTLHL_115KV_TB1 79998	23.93 -0.23 0.00	16.30 -0.17 -0.42	17.63 -0.19 0.00	22.26 -0.22 0.00	23.05 -0.26 0.00	23.68 -0.28 0.00	31.04 -0.57 0.00	36.03 -1.01 0.00	28.07 -0.77 0.00	24.04 -0.73 0.00	24.16 -0.81 0.00	23.31 -0.77 0.00	26.42 -0.91 0.00	27.87 -0.95 0.00	24.24 -0.83 0.00	29.76 -1.07 0.00	29.87 -1.13 0.00	29.81 -1.08 0.00	29.38 -1.04 0.00	29.85 -1.02 0.00	29.40 -0.97 0.00	26.35 -0.92 0.00	24.21 -0.86 0.00	21.11 -0.64 0.00
BROOKHAVEN___DRP 24191	25.87 1.72 0.00	17.97 1.43 -0.49	19.26 1.44 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.73 1.78 0.00	33.15 1.54 0.00	39.56 1.87 -0.66	30.75 1.59 -0.32	27.31 1.90 -0.63	35.01 2.06 -7.98	25.95 1.73 -0.14	29.97 1.93 -0.72	30.39 1.79 0.22	26.80 1.74 0.00	33.08 2.27 0.02	33.05 2.05 0.00	32.75 2.00 0.14	32.34 1.92 0.00	32.74 1.94 0.07	31.73 1.90 0.53	28.74 1.47 0.00	26.66 1.60 0.00	23.38 1.64 0.00
BROOKLYN_NAVY_YARD 23515	25.74 1.58 0.00	17.76 1.22 -0.49	19.10 1.28 0.00	24.10 1.62 0.00	24.86 1.55 0.00	25.47 1.51 0.00	33.12 1.50 0.00	38.64 1.61 0.00	30.35 1.52 0.00	26.27 1.50 0.00	26.59 1.62 0.00	25.64 1.56 0.00	29.03 1.71 0.00	30.68 1.86 0.00	26.77 1.71 0.01	33.07 2.26 0.03	33.09 2.10 0.01	32.79 2.05 0.15	32.32 1.90 0.00	32.54 1.75 0.07	31.57 1.74 0.53	28.63 1.36 0.01	26.39 1.33 0.00	23.10 1.36 0.00
BROOKLYN___ARMY_DRP 323595	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
BROOME_2_LFGE 323671	24.49 0.33 0.00	16.78 0.20 -0.53	18.05 0.23 0.00	22.81 0.33 0.00	23.57 0.26 0.00	24.23 0.28 0.00	31.75 0.14 0.00	36.83 0.14 0.00	28.63 -0.21 0.00	24.56 -0.21 0.00	24.67 -0.31 0.00	23.86 -0.22 0.00	27.01 -0.31 0.00	28.54 -0.28 0.00	24.87 -0.18 0.00	30.51 -0.30 0.02	30.58 -0.42 0.00	30.32 -0.40 0.16	29.96 -0.46 0.00	30.41 -0.37 0.08	29.40 -0.36 0.60	26.88 -0.39 0.00	24.71 -0.35 0.00	21.47 -0.28 0.00
BROOME___LFGE 323600	24.49 0.33 0.00	16.78 0.20 -0.53	18.05 0.23 0.00	22.81 0.33 0.00	23.57 0.26 0.00	24.23 0.28 0.00	31.75 0.14 0.00	36.83 -0.21 0.00	28.63 -0.21 0.00	24.56 -0.21 0.00	24.67 -0.31 0.00	23.86 -0.22 0.00	27.01 -0.31 0.00	28.54 -0.28 0.00	24.87 -0.18 0.00	30.51 -0.30 0.02	30.58 -0.42 0.00	30.32 -0.40 0.16	29.96 -0.46 0.00	30.41 -0.37 0.08	29.40 -0.36 0.60	26.88 -0.39 0.00	24.71 -0.35 0.00	21.47 -0.28 0.00
BROWNFLS_115KV_TB_3_5 80003	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.74 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.59 -0.23 0.05	29.74 -0.30 0.32	27.07 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
BROWNSV1_27_KV_LOAD 356125	26.00 1.84 0.00	17.90 1.37 -0.49	19.26 1.45 0.00	24.30 1.83 0.00	25.08 1.77 0.00	25.72 1.76 0.00	33.47 1.86 0.00	39.10 2.07 0.00	30.70 1.87 0.00	26.58 1.81 0.00	26.92 1.94 0.00	25.96 1.88 0.00	29.40 2.07 0.00	31.05 2.23 0.00	27.12 2.06 0.00	33.49 2.67 0.02	33.52 2.52 0.00	33.21 2.48 0.14	32.70 2.29 0.00	32.94 2.15 0.07	31.97 2.14 0.53	28.99 1.71 0.00	26.71 1.65 0.00	23.35 1.60 0.00
BURROWS___LYONSDAL 23803	24.26 0.10 0.00	15.98 -0.07 0.00	17.73 -0.09 0.00	22.53 0.05 0.00	23.40 0.09 0.00	24.22 0.27 0.00	31.81 0.19 0.00	37.26 0.23 0.00	29.00 0.17 0.00	24.88 0.11 0.00	24.89 -0.08 0.00	23.90 -0.18 0.00	26.99 -0.33 0.00	28.24 -0.58 0.00	24.42 -0.64 0.00	30.07 -0.74 0.02	30.31 -0.69 0.00	30.24 -0.50 0.14	30.22 -0.19 0.00	30.94 0.14 0.07	30.01 0.17 0.51	27.29 0.01 0.00	24.83 -0.23 0.00	21.47 -0.28 0.00
CAITHNESS_CC_1 323624	25.85 1.69 0.00	17.95 1.41 -0.49	19.23 1.42 0.00	24.27 1.79 0.00	25.06 1.75 0.00	25.68 1.72 0.00	33.12 1.50 0.00	39.50 1.82 -0.66	30.70 1.55 -0.32	27.26 1.86 -0.63	34.96 2.02 -7.96	25.93 1.71 -0.14	29.91 1.88 -0.71	30.39 1.78 0.22	26.80 1.74 0.00	33.06 2.25 0.02	33.02 2.02 0.00	32.71 1.97 0.14	32.29 1.88 0.00	32.69 1.89 0.07	31.69 1.86 0.53	28.69 1.42 0.00	26.63 1.57 0.00	23.34 1.60 0.00
CALPINE BETH_PAGE_GT4 24209	26.01 1.85 0.00	17.95 1.41 -0.49	19.27 1.45 0.00	24.32 1.84 0.00	25.11 1.80 0.00	25.76 1.80 0.00	33.40 1.79 0.00	41.95 2.18 -2.75	33.27 1.85 -2.59	29.29 1.90 -2.63	43.52 2.06 -16.48	26.40 1.75 -0.57	33.91 2.01 -4.57	30.99 1.93 -0.24	26.89 1.83 0.00	33.15 2.34 0.02	33.13 2.13 0.00	32.74 2.00 0.14	32.29 1.88 0.00	32.61 1.81 0.07	31.63 1.80 0.53	28.66 1.39 0.00	26.54 1.47 0.00	23.36 1.61 -0.01
CALPINE_BETH_PAGE_GT_4 323586	26.01 1.85 0.00	17.95 1.41 -0.49	19.27 1.46 0.00	24.32 1.84 0.00	25.11 1.80 0.00	25.75 1.80 0.00	33.40 1.78 0.00	41.93 2.16 -2.75	33.26 1.83 -2.59	29.29 1.90 -2.63	43.52 2.06 -16.48	26.40 1.75 -0.57	33.87 1.97 -4.57	30.99 1.93 -0.24	26.89 1.83 0.00	33.15 2.34 0.02	33.12 2.13 0.00	32.74 2.00 0.14	32.29 1.88 0.00	32.61 1.81 0.07	31.63 1.80 0.53	28.66 1.39 0.00	26.54 1.47 0.00	23.34 1.59 -0.01
CALPINE_BP_GT1 23823	26.01 1.85 0.00	17.95 1.41 -0.49	19.27 1.46 0.00	24.32 1.84 0.00	25.11 1.80 0.00	25.75 1.80 0.00	33.40 1.78 0.00	41.93 2.16 -2.75	33.26 1.83 -2.59	29.29 1.90 -2.63	43.52 2.06 -16.48	26.40 1.75 -0.57	33.87 1.97 -4.57	30.99 1.93 -0.24	26.89 1.83 0.00	33.15 2.34 0.02	33.12 2.13 0.00	32.74 2.00 0.14	32.29 1.88 0.00	32.61 1.81 0.07	31.63 1.80 0.53	28.66 1.39 0.00	26.54 1.47 0.00	23.34 1.59 -0.01
CALSPAN___DRP 24200	23.95 -0.21 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.87 -1.16 0.00	27.89 -0.94 0.00	23.57 -1.20 0.00	23.26 -1.32 0.39	15.09 -1.11 7.88	25.90 -1.43 0.00	27.48 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.95 -2.05 0.00	28.71 -2.01 0.16	28.41 -2.00 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02



CALVERTON___SOLAR 323806	25.90 1.74 0.00	18.00 1.45 -0.49	19.28 1.46 0.00	24.31 1.84 0.00	25.11 1.80 0.00	25.76 1.80 0.00	33.18 1.57 0.00	39.58 1.89 -0.66	30.76 1.60 -0.32	27.37 1.96 -0.64	35.05 2.10 -7.98	25.96 1.74 -0.14	29.94 1.90 -0.72	30.39 1.79 0.22	26.81 1.75 0.00	33.11 2.29 0.02	33.09 2.09 0.00	32.80 2.06 0.14	32.41 1.99 0.00	32.82 2.02 0.07	31.81 1.98 0.53	28.80 1.52 0.00	26.71 1.65 0.00	23.40 1.66 0.00
CANDIGU_WT_PWR 323617	23.91 -0.25 0.00	16.18 -0.40 -0.53	17.34 -0.48 0.00	21.93 -0.55 0.00	22.74 -0.57 0.00	23.44 -0.51 0.00	30.95 -0.67 0.00	35.72 -1.31 0.00	27.47 -1.37 0.00	23.38 -1.38 0.00	20.97 -1.56 2.44	-26.28 -1.42 48.94	25.69 -1.64 0.00	27.24 -1.58 0.00	23.85 -1.21 0.00	29.31 -1.50 0.02	29.32 -1.67 0.00	29.25 -1.48 0.16	28.86 -1.55 0.00	29.49 -1.30 0.08	28.47 -1.31 0.59	25.95 -1.33 0.00	23.94 -1.12 0.00	20.35 -1.28 0.11
CARR STREET_E_SYR 24060	24.26 0.10 0.00	16.58 0.04 -0.49	17.88 0.06 0.00	22.56 0.08 0.00	23.34 0.04 0.00	24.00 0.04 0.00	31.44 -0.17 0.00	36.47 -0.56 0.00	28.40 -0.44 0.00	24.33 -0.44 0.00	24.46 -0.51 0.00	23.63 -0.46 0.00	26.77 -0.56 0.00	28.29 -0.53 0.00	24.58 -0.48 0.00	30.13 -0.68 0.02	30.17 -0.83 0.00	29.94 -0.83 0.11	29.62 -0.80 0.00	30.05 -0.76 0.06	29.22 -0.73 0.41	26.56 -0.72 0.00	24.45 -0.62 0.00	21.34 -0.41 0.00
CARTHAGE___PAPER 23857	23.78 -0.37 0.00	14.86 -0.48 0.72	17.31 -0.51 0.00	22.05 -0.43 0.00	22.97 -0.34 0.00	23.89 -0.06 0.00	31.53 -0.08 0.00	37.19 0.16 0.00	28.98 0.15 0.00	24.76 -0.01 0.00	24.63 -0.34 0.00	23.49 -0.59 0.00	26.51 -0.81 0.00	27.50 -1.33 0.00	23.65 -1.41 0.00	29.15 -1.67 0.01	29.44 -1.56 0.00	29.61 -1.19 0.08	29.80 -0.61 0.00	30.86 0.04 0.04	30.16 0.10 0.31	27.22 -0.05 0.00	24.60 -0.46 0.00	21.16 -0.59 0.00
CASSADAGA_WT_PWR 323784	24.05 -0.11 0.00	16.22 -0.36 -0.53	17.48 -0.34 0.00	22.12 -0.36 0.00	22.80 -0.51 0.00	23.57 -0.38 0.00	31.12 -0.49 0.00	36.13 -0.90 0.00	28.38 -0.46 0.00	24.13 -0.64 0.00	23.77 -0.96 0.24	18.24 -0.88 4.96	26.26 -1.06 0.00	28.06 -0.76 0.00	24.60 -0.46 0.00	29.86 -0.95 0.02	29.58 -1.42 0.00	29.07 -1.65 0.16	28.69 -1.73 0.00	29.24 -1.55 0.08	28.09 -1.68 0.60	25.53 -1.74 0.00	23.48 -1.59 0.00	19.80 -1.94 0.01
CE_DUNWOOD___DRP 24194	25.68 1.53 0.00	17.70 1.16 -0.49	19.06 1.24 0.00	24.05 1.57 0.00	24.81 1.51 0.00	25.44 1.48 0.00	33.06 1.45 0.00	38.59 1.56 0.00	30.24 1.41 0.00	26.17 1.40 0.00	26.50 1.53 0.00	25.55 1.47 0.00	28.95 1.62 0.00	30.58 1.75 0.00	26.69 1.63 0.00	32.94 2.13 0.02	32.98 1.99 0.00	32.69 1.95 0.14	32.21 1.79 0.00	32.46 1.66 0.07	31.50 1.66 0.53	28.58 1.31 0.00	26.35 1.29 0.00	23.03 1.28 0.00
CE_MILLWOOD___DRP 24193	25.63 1.48 0.00	17.66 1.13 -0.49	19.02 1.20 0.00	24.01 1.53 0.00	24.77 1.46 0.00	25.39 1.43 0.00	33.00 1.39 0.00	38.51 1.48 0.00	30.17 1.33 0.00	26.10 1.33 0.00	26.42 1.45 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.50 1.68 0.00	26.62 1.56 0.00	32.86 2.05 0.02	32.91 1.91 0.00	32.61 1.87 0.14	32.13 1.71 0.00	32.38 1.58 0.07	31.43 1.59 0.53	28.52 1.25 0.00	26.30 1.23 0.00	22.98 1.23 0.00
CE_NYC2_DRP 24202	25.88 1.72 0.00	17.84 1.30 -0.49	19.20 1.38 0.00	24.19 1.72 0.00	24.94 1.64 0.00	25.56 1.61 0.00	33.23 1.62 0.00	38.79 1.76 0.00	30.48 1.64 0.00	26.38 1.61 0.00	26.72 1.75 0.00	25.76 1.68 0.00	29.17 1.85 0.00	30.81 1.98 0.00	26.92 1.86 0.00	33.22 2.41 0.02	33.25 2.25 0.00	32.95 2.21 0.14	32.43 2.02 0.00	32.67 1.88 0.07	31.69 1.86 0.53	28.75 1.47 0.00	26.50 1.44 0.00	23.19 1.44 0.00
CE_NYC_DRP 24195	25.81 1.65 0.00	17.79 1.25 -0.49	19.14 1.32 0.00	24.15 1.67 0.00	24.92 1.61 0.00	25.55 1.60 0.00	33.23 1.61 0.00	38.79 1.76 0.00	30.46 1.62 0.00	26.37 1.61 0.00	26.71 1.74 0.00	25.76 1.68 0.00	29.17 1.84 0.00	30.81 1.98 0.00	26.89 1.83 0.00	33.21 2.40 0.02	33.24 2.24 0.00	32.94 2.20 0.14	32.44 2.03 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.76 1.48 0.00	26.51 1.45 0.00	23.18 1.43 0.00
CHAFFEE___LFGE 323603	24.09 -0.07 0.00	16.21 -0.37 -0.53	17.44 -0.38 0.00	21.99 -0.49 0.00	22.71 -0.60 0.00	23.52 -0.44 0.00	31.19 -0.42 0.00	36.12 -0.91 0.00	28.08 -0.76 0.00	23.73 -1.04 0.00	23.50 -1.15 0.32	16.77 -0.93 6.38	26.07 -1.25 0.00	27.67 -1.16 0.00	24.18 -0.88 0.00	29.41 -1.40 0.02	29.16 -1.83 0.00	28.90 -1.82 0.16	28.61 -1.80 0.00	29.17 -1.62 0.08	28.20 -1.56 0.60	25.79 -1.48 0.00	23.59 -1.48 0.00	20.15 -1.58 0.01
CHATEAUG_35_KV_LOAD 355732	23.22 -0.93 0.00	10.15 -0.72 5.18	17.07 -0.75 0.00	21.58 -0.90 0.00	22.47 -0.84 0.00	23.31 -0.65 0.00	31.45 -0.16 0.00	37.40 0.36 0.00	28.95 0.11 0.00	24.89 0.12 0.00	25.06 0.08 0.00	24.08 0.00 0.00	27.40 0.07 0.00	28.89 0.07 0.00	25.06 0.01 0.00	30.85 0.03 0.01	31.27 0.27 0.00	31.03 0.22 0.06	30.76 0.35 0.00	31.41 0.58 0.04	30.65 0.53 0.25	27.94 0.67 0.00	25.51 0.45 0.00	21.91 0.16 0.00
CHATEAUG_WT_PWR 323614	23.25 -0.91 0.00	10.06 -0.70 5.29	17.10 -0.72 0.00	21.61 -0.86 0.00	22.48 -0.83 0.00	23.32 -0.64 0.00	31.45 -0.17 0.00	37.34 0.30 0.00	28.94 0.10 0.00	24.85 0.08 0.00	25.07 0.09 0.00	24.11 0.03 0.00	27.41 0.09 0.00	28.93 0.10 0.00	25.08 0.02 0.00	30.89 0.06 0.01	31.31 0.31 0.00	31.06 0.24 0.06	30.78 0.36 0.00	31.37 0.54 0.03	30.60 0.48 0.24	27.88 0.61 0.00	25.47 0.41 0.00	21.89 0.14 0.00
CHAT_HIGH_FALL_HYD 323578	23.22 -0.93 0.00	10.15 -0.72 5.18	17.07 -0.75 0.00	21.58 -0.90 0.00	22.47 -0.84 0.00	23.31 -0.65 0.00	31.45 -0.16 0.00	37.40 0.36 0.00	28.95 0.11 0.00	24.89 0.12 0.00	25.06 0.08 0.00	24.08 0.00 0.00	27.40 0.07 0.00	28.89 0.07 0.00	25.06 0.01 0.00	30.85 0.03 0.01	31.27 0.27 0.00	31.03 0.22 0.06	30.76 0.35 0.00	31.41 0.58 0.04	30.65 0.53 0.25	27.94 0.67 0.00	25.51 0.45 0.00	21.91 0.16 0.00
CHAUTAUQUA___LFGE 323629	24.05 -0.11 0.00	16.23 -0.35 -0.53	17.47 -0.35 0.00	22.07 -0.41 0.00	22.76 -0.55 0.00	23.55 -0.40 0.00	31.13 -0.48 0.00	36.04 -1.00 0.00	28.11 -0.73 0.00	23.89 -0.88 0.00	23.57 -1.10 0.30	17.00 -0.97 6.11	26.11 -1.21 0.00	27.83 -0.99 0.00	24.36 -0.70 0.00	29.58 -1.22 0.02	29.32 -1.67 0.00	28.92 -1.81 0.16	28.55 -1.87 0.00	29.14 -1.64 0.08	28.07 -1.69 0.60	25.61 -1.66 0.00	23.50 -1.56 0.00	19.96 -1.77 0.01
CHERRYST_13_KV_LD 356241	25.88 1.72 0.00	17.83 1.30 -0.49	19.19 1.37 0.00	24.22 1.74 0.00	24.98 1.68 0.00	25.62 1.66 0.00	33.33 1.72 0.00	38.93 1.90 0.00	30.57 1.74 0.00	26.47 1.70 0.00	26.81 1.84 0.00	25.86 1.77 0.00	29.28 1.95 0.00	30.92 2.10 0.00	26.99 1.93 0.00	33.33 2.52 0.02	33.36 2.37 0.00	33.06 2.32 0.14	32.55 2.14 0.00	32.77 1.98 0.07	31.80 1.97 0.53	28.84 1.56 0.00	26.58 1.52 0.00	23.24 1.49 0.00



CHESTROR_138KV_BK263 355645	25.35 1.19 0.00	17.43 0.91 -0.47	18.79 0.97 0.00	23.72 1.24 0.00	24.49 1.18 0.00	25.11 1.15 0.00	32.70 1.08 0.00	38.14 1.10 0.00	29.82 0.98 0.00	25.74 0.97 0.00	26.03 1.05 0.00	25.11 1.03 0.00	28.46 1.14 0.00	30.09 1.27 0.00	26.26 1.20 0.00	32.39 1.58 0.02	32.47 1.47 0.00	32.22 1.47 0.14	31.75 1.33 0.00	32.02 1.22 0.07	31.09 1.24 0.51	28.21 0.94 0.00	26.01 0.94 0.00	22.69 0.94 0.00
CH_MIDHUDSON___DRP 24192	25.60 1.44 0.00	17.64 1.10 -0.49	19.00 1.19 0.00	24.00 1.52 0.00	24.75 1.44 0.00	25.36 1.40 0.00	32.94 1.33 0.00	38.42 1.39 0.00	30.07 1.24 0.00	25.98 1.21 0.00	26.28 1.30 0.00	25.36 1.27 0.00	28.74 1.41 0.00	30.37 1.54 0.00	26.48 1.42 0.00	32.68 1.87 0.02	32.78 1.78 0.00	32.49 1.75 0.14	32.05 1.63 0.00	32.31 1.52 0.07	31.37 1.53 0.54	28.48 1.21 0.00	26.25 1.19 0.00	22.93 1.18 0.00
CH_MISC_IPPS 23765	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.59 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.40 1.43 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.58 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00
CH_RES_BVR_FALLS 23983	24.02 -0.13 0.00	19.34 -0.12 -3.41	17.70 -0.12 0.00	22.38 -0.10 0.00	23.22 -0.09 0.00	23.88 -0.07 0.00	31.40 -0.21 0.00	36.76 -0.27 0.00	28.60 -0.23 0.00	24.59 -0.17 0.00	24.79 -0.18 0.00	23.91 -0.17 0.00	27.12 -0.20 0.00	28.53 -0.30 0.00	24.78 -0.28 0.00	30.47 -0.34 0.02	30.77 -0.23 0.00	30.50 -0.25 0.13	30.22 -0.19 0.00	30.68 -0.12 0.07	29.72 -0.15 0.50	27.18 -0.09 0.00	24.90 -0.17 0.00	21.54 -0.21 0.00
CH_RES_NIAGARA 23895	23.46 -0.70 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.81 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.08 0.00	27.18 -1.65 0.00	22.89 -1.88 0.00	22.70 -1.95 0.32	16.08 -1.64 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.73 0.00	28.33 -2.48 0.02	27.96 -3.04 0.00	27.72 -3.00 0.16	27.49 -2.92 0.00	28.02 -2.77 0.08	27.08 -2.67 0.61	24.83 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
CH_RES_SYRACUSE 23985	24.28 0.13 0.00	16.58 0.06 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.43 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.31 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.54 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
CLINTON_WT_PWR 323605	23.25 -0.91 0.00	10.06 -0.70 5.29	17.10 -0.72 0.00	21.61 -0.86 0.00	22.48 -0.83 0.00	23.32 -0.64 0.00	31.45 -0.17 0.00	37.34 0.30 0.00	28.94 0.10 0.00	24.85 0.08 0.00	25.07 0.09 0.00	24.11 0.03 0.00	27.41 0.09 0.00	28.93 0.10 0.00	25.08 0.02 0.00	30.89 0.06 0.01	31.31 0.31 0.00	31.06 0.24 0.06	30.78 0.36 0.00	31.37 0.54 0.03	30.60 0.48 0.24	27.88 0.61 0.00	25.47 0.41 0.00	21.89 0.14 0.00
CLINTON___LFGE 323618	23.47 -0.69 0.00	10.22 -0.57 5.26	17.24 -0.57 0.00	21.80 -0.68 0.00	22.64 -0.67 0.00	23.50 -0.46 0.00	31.74 0.12 0.00	37.73 0.70 0.00	29.19 0.35 0.00	25.08 0.32 0.00	25.33 0.36 0.00	24.36 0.28 0.00	27.66 0.34 0.00	29.22 0.39 0.00	25.29 0.23 0.00	31.17 0.34 0.01	31.64 0.64 0.00	31.36 0.55 0.06	31.07 0.66 0.00	31.75 0.92 0.04	31.03 0.91 0.24	28.27 1.00 0.00	25.82 0.76 0.00	22.16 0.42 0.00
COBBLENY_34_KV_TB1 80064	24.09 -0.07 0.00	16.21 -0.37 -0.53	17.44 -0.38 0.00	21.99 -0.49 0.00	22.71 -0.60 0.00	23.52 -0.43 0.00	31.19 -0.43 0.00	36.12 -0.91 0.00	28.08 -0.76 0.00	23.73 -1.04 0.00	23.50 -1.15 0.32	16.75 -0.95 6.38	26.08 -1.25 0.00	27.66 -1.16 0.00	24.18 -0.88 0.00	29.40 -1.40 0.02	29.15 -1.84 0.00	28.91 -1.81 0.16	28.60 -1.81 0.00	29.17 -1.62 0.08	28.20 -1.56 0.60	25.80 -1.47 0.00	23.59 -1.47 0.00	20.15 -1.58 0.01
COFFEEN___115KV_TB3 355620	23.87 -0.29 0.00	15.14 -0.42 0.49	17.39 -0.43 0.00	22.15 -0.33 0.00	23.05 -0.25 0.00	23.95 0.00 0.00	31.54 -0.07 0.00	37.11 0.08 0.00	28.95 0.12 0.00	24.69 -0.08 0.00	24.54 -0.43 0.00	23.24 -0.84 0.00	26.19 -1.14 0.00	27.21 -1.62 0.00	23.40 -1.66 0.00	28.80 -2.02 0.01	29.06 -1.94 0.00	29.32 -1.49 0.07	29.56 -0.85 0.00	30.74 -0.09 0.04	30.16 0.07 0.27	27.15 -0.12 0.00	24.53 -0.54 0.00	21.13 -0.61 0.00
COLDSPRG_115KV_BK1 355956	24.60 0.44 0.00	16.63 0.04 -0.53	17.90 0.09 0.00	22.62 0.14 0.00	23.36 0.05 0.00	24.18 0.23 0.00	32.02 0.40 0.00	37.17 0.13 0.00	28.97 0.14 0.00	24.62 -0.15 0.00	24.38 -0.44 0.16	20.60 -0.33 3.15	26.83 -0.49 0.00	28.48 -0.34 0.00	24.92 -0.14 0.00	30.26 -0.54 0.02	30.03 -0.97 0.00	29.63 -1.09 0.16	29.25 -1.16 0.00	29.80 -0.99 0.08	28.74 -1.02 0.60	26.21 -1.06 0.00	24.03 -1.03 0.00	20.50 -1.25 0.01
COLONIE_LFGE___ 323577	25.15 1.00 0.00	17.37 0.78 -0.54	18.71 0.89 0.00	23.63 1.16 0.00	24.36 1.05 0.00	24.97 1.02 0.00	32.41 0.79 0.00	37.71 0.68 0.00	29.36 0.52 0.00	25.24 0.47 0.00	25.46 0.49 0.00	24.59 0.50 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.61 0.55 0.00	31.55 0.75 0.02	31.74 0.74 0.00	31.46 0.73 0.16	31.10 0.69 0.00	31.37 0.58 0.08	30.46 0.68 0.59	27.82 0.55 0.00	25.65 0.59 0.00	22.36 0.62 0.00
COOPERNY_115KV_TB1 80082	25.03 0.87 0.00	17.16 0.67 -0.44	18.54 0.73 0.00	23.41 0.93 0.00	24.18 0.87 0.00	24.80 0.84 0.00	32.36 0.74 0.00	37.73 0.70 0.00	29.47 0.63 0.00	25.42 0.65 0.00	25.68 0.70 0.00	24.76 0.68 0.00	28.08 0.75 0.00	29.66 0.83 0.00	25.86 0.80 0.00	31.87 1.05 0.02	31.96 0.97 0.00	31.73 0.98 0.13	31.28 0.87 0.00	31.59 0.79 0.07	30.69 0.81 0.49	27.87 0.59 0.00	25.67 0.61 0.00	22.37 0.63 0.00
COPENHAGEN_WT_PWR 323753	23.57 -0.59 0.00	15.00 -0.62 0.43	17.18 -0.63 0.00	21.93 -0.55 0.00	22.82 -0.49 0.00	23.72 -0.24 0.00	31.15 -0.46 0.00	36.70 -0.33 0.00	28.67 -0.16 0.00	24.50 -0.27 0.00	24.36 -0.61 0.00	23.21 -0.88 0.00	26.17 -1.16 0.00	27.12 -1.71 0.00	23.31 -1.76 0.00	28.70 -2.12 0.01	28.96 -2.04 0.00	29.13 -1.69 0.07	29.31 -1.11 0.00	30.42 -0.41 0.04	29.76 -0.35 0.26	26.71 -0.57 0.00	24.10 -0.96 0.00	20.79 -0.95 0.00
CORNELL_____ 23752	24.85 0.70 0.00	16.98 0.41 -0.52	18.27 0.45 0.00	23.05 0.58 0.00	23.87 0.56 0.00	24.58 0.62 0.00	32.26 0.64 0.00	37.33 0.30 0.00	28.88 0.04 0.00	24.62 -0.15 0.00	24.81 -0.30 -0.13	26.55 -0.20 -2.66	26.97 -0.36 0.00	28.56 -0.26 0.00	24.92 -0.14 0.00	30.58 -0.23 0.02	30.74 -0.26 0.00	30.61 -0.14 0.13	30.41 -0.01 0.00	30.93 0.13 0.07	30.01 0.16 0.51	27.32 0.05 0.00	25.06 0.00 0.00	21.75 0.00 -0.01



CORONA__69_KV_TB1 355595	26.03 1.87 0.00	17.96 1.42 -0.49	19.29 1.47 0.00	24.34 1.86 0.00	25.12 1.82 0.00	25.77 1.81 0.00	33.44 1.82 0.00	55.03 2.20 -15.80	48.06 1.82 -17.40	41.73 1.85 -15.11	88.86 2.00 -61.89	29.17 1.81 -3.27	58.89 2.09 -29.47	34.53 2.05 -3.65	27.02 1.96 0.00	33.33 2.52 0.02	33.30 2.31 0.00	32.99 2.25 0.14	32.54 2.13 0.00	32.84 2.05 0.07	31.86 2.03 0.53	28.88 1.61 0.00	26.71 1.64 0.00	23.43 1.65 -0.04
CORTLAND__115KV_TB3 80093	24.64 0.48 0.00	16.87 0.30 -0.52	18.15 0.33 0.00	22.93 0.45 0.00	23.71 0.40 0.00	24.39 0.43 0.00	31.97 0.36 0.00	37.07 0.04 0.00	28.78 -0.06 0.00	24.66 -0.11 0.00	24.73 -0.24 0.00	23.90 -0.18 0.00	27.02 -0.30 0.00	28.58 -0.24 0.00	24.89 -0.17 0.00	30.54 -0.27 0.02	30.69 -0.31 0.00	30.50 -0.25 0.13	30.22 -0.19 0.00	30.71 -0.09 0.07	29.79 -0.07 0.51	27.13 -0.14 0.00	24.92 -0.14 0.00	21.66 -0.08 0.00
COXSACKIE__GT 23611	25.56 1.41 0.00	17.62 1.05 -0.52	19.01 1.19 0.00	24.00 1.52 0.00	24.75 1.44 0.00	25.40 1.44 0.00	33.07 1.45 0.00	38.52 1.49 0.00	29.75 0.91 0.00	25.36 0.59 0.00	25.54 0.57 0.00	24.71 0.62 0.00	28.05 0.73 0.00	29.77 0.94 0.00	25.90 0.84 0.00	31.97 1.16 0.02	32.20 1.20 0.00	32.39 1.66 0.15	31.97 1.56 0.00	32.26 1.47 0.08	31.35 1.55 0.56	28.58 1.31 0.00	26.33 1.27 0.00	22.86 1.12 0.00
CPV_VALLEY__CC1 323721	25.16 1.00 0.00	17.29 0.78 -0.46	18.65 0.83 0.00	23.55 1.07 0.00	24.31 1.00 0.00	24.92 0.97 0.00	32.45 0.83 0.00	37.85 0.81 0.00	29.59 0.75 0.00	25.56 0.79 0.00	25.85 0.87 0.00	24.93 0.84 0.00	28.26 0.94 0.00	29.87 1.04 0.00	26.06 1.00 0.00	32.13 1.32 0.02	32.21 1.21 0.00	31.94 1.19 0.13	31.48 1.07 0.00	31.75 0.95 0.07	30.84 0.98 0.51	27.98 0.71 0.00	25.79 0.73 0.00	22.51 0.76 0.00
CPV_VALLEY__CC2 323722	25.16 1.00 0.00	17.29 0.78 0.00	18.65 0.83 0.00	23.55 1.07 0.00	24.31 1.00 0.00	24.92 0.97 0.00	32.45 0.83 0.00	37.85 0.81 0.00	29.59 0.75 0.00	25.56 0.79 0.00	25.85 0.87 0.00	24.93 0.84 0.00	28.26 0.94 0.00	29.87 1.04 0.00	26.06 1.00 0.00	32.13 1.32 0.02	32.21 1.21 0.00	31.94 1.19 0.13	31.48 1.07 0.00	31.75 0.95 0.07	30.84 0.98 0.51	27.98 0.71 0.00	25.79 0.73 0.00	22.51 0.76 0.00
CRESCENT__HYD 24018	25.15 1.00 0.00	17.37 0.78 -0.54	18.71 0.89 0.00	23.63 1.16 0.00	24.36 1.05 0.00	24.97 1.02 0.00	32.41 0.79 0.00	37.71 0.68 0.00	29.36 0.52 0.00	25.24 0.47 0.00	25.46 0.49 0.00	24.59 0.50 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.61 0.55 0.00	31.55 0.75 0.02	31.74 0.74 0.00	31.46 0.73 0.16	31.10 0.69 0.00	31.37 0.58 0.08	30.46 0.68 0.59	27.82 0.55 0.00	25.65 0.59 0.00	22.36 0.62 0.00
CRICKET__VALLEY_CC1 323756	25.36 1.21 0.00	17.51 0.96 -0.50	18.86 1.05 0.00	23.84 1.36 0.00	24.56 1.25 0.00	25.14 1.19 0.00	32.51 0.90 0.00	37.90 0.87 0.00	29.65 0.82 0.00	25.62 0.85 0.00	25.93 0.96 0.00	25.03 0.95 0.00	28.38 1.06 0.00	29.99 1.16 0.00	26.12 1.05 0.00	32.19 1.38 0.02	32.29 1.29 0.00	31.99 1.26 0.14	31.56 1.15 0.00	31.83 1.04 0.07	30.89 1.07 0.54	28.09 0.82 0.00	25.93 0.87 0.00	22.69 0.95 0.00
CRICKET__VALLEY_CC2 323757	25.36 1.21 0.00	17.51 0.96 -0.50	18.86 1.05 0.00	23.84 1.36 0.00	24.56 1.25 0.00	25.14 1.19 0.00	32.51 0.90 0.00	37.90 0.87 0.00	29.65 0.82 0.00	25.62 0.85 0.00	25.93 0.96 0.00	25.03 0.95 0.00	28.38 1.06 0.00	29.99 1.16 0.00	26.12 1.05 0.00	32.19 1.38 0.02	32.29 1.29 0.00	31.99 1.26 0.14	31.56 1.15 0.00	31.83 1.04 0.07	30.89 1.07 0.54	28.09 0.82 0.00	25.93 0.87 0.00	22.69 0.95 0.00
CRICKET__VALLEY_CC3 323758	25.36 1.21 0.00	17.51 0.96 -0.50	18.86 1.05 0.00	23.84 1.36 0.00	24.56 1.25 0.00	25.14 1.19 0.00	32.51 0.90 0.00	37.90 0.87 0.00	29.65 0.82 0.00	25.62 0.85 0.00	25.93 0.96 0.00	25.03 0.95 0.00	28.38 1.06 0.00	29.99 1.16 0.00	26.12 1.05 0.00	32.19 1.38 0.02	32.29 1.29 0.00	31.99 1.26 0.14	31.56 1.15 0.00	31.83 1.04 0.07	30.89 1.07 0.54	28.09 0.82 0.00	25.93 0.87 0.00	22.69 0.95 0.00
CRUCIBLE_METL_DRP 24180	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
DAHOWA__HYDRO 323763	25.53 1.37 0.00	17.59 1.00 -0.54	18.96 1.14 0.00	23.94 1.46 0.00	24.68 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.24 1.20 0.00	29.72 0.88 0.00	25.46 0.69 0.00	25.64 0.67 0.00	24.86 0.78 0.00	28.27 0.95 0.00	29.82 1.00 0.00	25.82 0.76 0.00	31.80 0.99 0.02	32.11 1.11 0.00	31.90 1.18 0.16	31.56 1.15 0.00	31.93 1.14 0.08	31.06 1.29 0.59	28.37 1.10 0.00	26.12 1.06 0.00	22.74 0.99 0.00
DANC__LFGE 323619	23.76 -0.40 0.00	15.63 -0.42 0.00	17.39 -0.42 0.00	22.10 -0.38 0.00	22.95 -0.36 0.00	23.72 -0.23 0.00	31.12 -0.49 0.00	36.47 -0.56 0.00	28.45 -0.39 0.00	24.33 -0.44 0.00	24.30 -0.67 0.00	23.26 -0.83 0.00	26.26 -1.07 0.00	27.41 -1.42 0.00	23.66 -1.40 0.00	29.07 -1.76 0.01	29.28 -1.72 0.00	29.33 -1.50 0.05	29.31 -1.10 0.00	30.20 -0.64 0.02	29.61 -0.57 0.19	26.62 -0.65 0.00	24.20 -0.86 0.00	20.96 -0.79 0.00
DANSKAMMER__1 23586	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.59 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.40 1.43 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.58 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00
DANSKAMMER__2 23589	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.59 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.40 1.43 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.58 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00
DANSKAMMER__3 23590	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.59 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.40 1.43 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.58 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00



DANSKAMMER___4 23591	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.59 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.40 1.43 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.58 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00
DANSKAMMER___DIESEL 23592	25.70 1.55 0.00	17.69 1.15 -0.48	19.06 1.24 0.00	24.07 1.59 0.00	24.83 1.52 0.00	25.46 1.50 0.00	33.10 1.48 0.00	38.63 1.60 0.00	30.23 1.39 0.00	26.11 1.34 0.00	26.41 1.43 0.00	25.49 1.40 0.00	28.87 1.55 0.00	30.54 1.72 0.00	26.65 1.59 0.00	32.89 2.08 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.25 1.84 0.00	32.51 1.72 0.07	31.57 1.74 0.53	28.65 1.37 0.00	26.40 1.33 0.00	23.03 1.28 0.00
DARBY___SOLAR 323810	25.45 1.29 0.00	17.54 0.95 -0.54	18.90 1.09 0.00	23.87 1.39 0.00	24.61 1.30 0.00	25.26 1.30 0.00	32.80 1.18 0.00	38.12 1.09 0.00	29.63 0.79 0.00	25.38 0.61 0.00	25.57 0.60 0.00	24.78 0.69 0.00	28.17 0.85 0.00	29.72 0.90 0.00	25.74 0.68 0.00	31.69 0.89 0.02	31.99 0.99 0.00	31.80 1.07 0.16	31.46 1.05 0.00	31.82 1.03 0.08	30.93 1.16 0.59	28.26 0.99 0.00	26.03 0.96 0.00	22.66 0.92 0.00
DASHVILLE___HYD 23610	25.65 1.49 0.00	17.66 1.12 -0.49	19.02 1.20 0.00	24.01 1.53 0.00	24.77 1.47 0.00	25.39 1.44 0.00	33.01 1.40 0.00	38.54 1.51 0.00	30.17 1.33 0.00	26.08 1.31 0.00	26.36 1.39 0.00	25.43 1.35 0.00	28.80 1.48 0.00	30.45 1.63 0.00	26.62 1.56 0.00	32.90 2.09 0.02	33.00 2.00 0.00	32.74 2.00 0.14	32.27 1.86 0.00	32.53 1.74 0.07	31.57 1.74 0.54	28.64 1.37 0.00	26.38 1.32 0.00	23.03 1.28 0.00
DELAWARE___LFGE 323621	24.96 0.80 0.00	17.17 0.58 -0.54	18.48 0.66 0.00	23.34 0.86 0.00	24.12 0.81 0.00	24.72 0.77 0.00	32.35 0.73 0.00	37.64 0.61 0.00	29.34 0.50 0.00	25.23 0.46 0.00	25.43 0.45 0.00	24.55 0.47 0.00	27.82 0.50 0.00	29.36 0.54 0.00	25.58 0.52 0.00	31.46 0.65 0.02	31.59 0.59 0.00	31.34 0.62 0.16	30.97 0.56 0.00	31.35 0.56 0.08	30.35 0.58 0.59	27.71 0.44 0.00	25.47 0.40 0.00	22.15 0.40 0.00
DERFIELD_115KV_TB7 355931	24.47 0.31 0.00	17.27 0.26 -0.96	18.12 0.31 0.00	22.89 0.41 0.00	23.65 0.34 0.00	24.26 0.31 0.00	31.66 0.04 0.00	36.82 -0.21 0.00	28.67 -0.17 0.00	24.66 -0.11 0.00	24.84 -0.13 0.00	23.99 -0.10 0.00	27.17 -0.15 0.00	28.67 -0.15 0.00	24.92 -0.14 0.00	30.65 -0.15 0.03	30.79 -0.21 0.00	30.50 -0.19 0.19	30.21 -0.21 0.00	30.54 -0.23 0.10	29.47 -0.19 0.71	27.05 -0.22 0.00	24.90 -0.16 0.00	21.70 -0.05 0.00
DOGLEVILLE___HYD 23807	24.84 0.68 0.00	17.64 0.63 -0.96	18.55 0.72 0.00	23.39 0.91 0.00	24.09 0.78 0.00	24.71 0.75 0.00	31.82 0.21 0.00	36.74 -0.30 0.00	28.24 -0.60 0.00	24.14 -0.63 0.00	24.54 -0.43 0.00	23.89 -0.19 0.00	27.02 -0.30 0.00	28.62 -0.20 0.00	24.74 -0.32 0.00	30.69 -0.12 0.03	31.03 0.03 0.00	30.88 0.19 0.19	30.57 0.16 0.00	30.87 0.10 0.10	29.90 0.23 0.71	27.44 0.17 0.00	25.33 0.27 0.00	22.07 0.33 0.00
DUNKIRK__115KV_TB_200 55889	24.05 -0.11 0.00	16.23 -0.35 -0.53	17.47 -0.35 0.00	22.06 -0.41 0.00	22.76 -0.55 0.00	23.55 -0.40 0.00	31.13 -0.48 0.00	36.03 -1.00 0.00	28.08 -0.75 0.00	23.86 -0.91 0.00	23.55 -1.12 0.31	16.88 -0.98 6.22	26.10 -1.22 0.00	27.81 -1.02 0.00	24.33 -0.72 0.00	29.55 -1.26 0.02	29.29 -1.71 0.00	28.91 -1.82 0.16	28.53 -1.88 0.00	29.13 -1.65 0.08	28.07 -1.69 0.60	25.62 -1.65 0.00	23.51 -1.56 0.00	19.99 -1.74 0.01
DUNKIRK___1 23563	24.05 -0.11 0.00	16.23 -0.35 -0.53	17.47 -0.35 0.00	22.06 -0.41 0.00	22.76 -0.55 0.00	23.55 -0.40 0.00	31.13 -0.48 0.00	36.03 -1.00 0.00	28.08 -0.75 0.00	23.86 -0.91 0.00	23.55 -1.12 0.31	16.88 -0.98 6.22	26.10 -1.22 0.00	27.81 -1.02 0.00	24.33 -0.72 0.00	29.55 -1.26 0.02	29.29 -1.71 0.00	28.91 -1.82 0.16	28.53 -1.88 0.00	29.13 -1.65 0.08	28.07 -1.69 0.60	25.62 -1.65 0.00	23.51 -1.56 0.00	19.99 -1.74 0.01
DUNKIRK___2 23564	24.05 -0.11 0.00	16.23 -0.35 -0.53	17.47 -0.35 0.00	22.06 -0.41 0.00	22.76 -0.55 0.00	23.55 -0.40 0.00	31.13 -0.48 0.00	36.03 -1.00 0.00	28.08 -0.75 0.00	23.86 -0.91 0.00	23.55 -1.12 0.31	16.88 -0.98 6.22	26.10 -1.22 0.00	27.81 -1.02 0.00	24.33 -0.72 0.00	29.55 -1.26 0.02	29.29 -1.71 0.00	28.91 -1.82 0.16	28.53 -1.88 0.00	29.13 -1.65 0.08	28.07 -1.69 0.60	25.62 -1.65 0.00	23.51 -1.56 0.00	19.99 -1.74 0.01
DUNKIRK___3 23565	24.01 -0.15 0.00	16.20 -0.38 -0.53	17.43 -0.39 0.00	22.01 -0.46 0.00	22.71 -0.60 0.00	23.50 -0.46 0.00	31.09 -0.53 0.00	35.98 -1.05 0.00	28.02 -0.81 0.00	23.78 -0.99 0.00	23.48 -1.18 0.32	16.61 -1.01 6.47	26.03 -1.29 0.00	27.69 -1.14 0.00	24.22 -0.85 0.00	29.43 -1.38 0.02	29.17 -1.83 0.00	28.83 -1.89 0.16	28.48 -1.94 0.00	29.06 -1.73 0.08	28.04 -1.72 0.61	25.60 -1.67 0.00	23.48 -1.58 0.00	20.02 -1.71 0.01
DUNKIRK___4 23566	24.01 -0.15 0.00	16.20 -0.38 -0.53	17.43 -0.39 0.00	22.01 -0.46 0.00	22.71 -0.60 0.00	23.50 -0.46 0.00	31.09 -0.53 0.00	35.98 -1.05 0.00	28.02 -0.81 0.00	23.78 -0.99 0.00	23.48 -1.18 0.32	16.61 -1.01 6.47	26.03 -1.29 0.00	27.69 -1.14 0.00	24.22 -0.85 0.00	29.43 -1.38 0.02	29.17 -1.83 0.00	28.83 -1.89 0.16	28.48 -1.94 0.00	29.06 -1.73 0.08	28.04 -1.72 0.61	25.60 -1.67 0.00	23.48 -1.58 0.00	20.02 -1.71 0.01
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	25.76 1.60 0.00	17.75 1.22 -0.49	19.11 1.29 0.00	24.12 1.64 0.00	24.88 1.58 0.00	25.50 1.54 0.00	33.14 1.52 0.00	38.67 1.64 0.00	30.31 1.48 0.00	26.24 1.47 0.00	26.57 1.60 0.00	25.62 1.54 0.00	29.02 1.70 0.00	30.65 1.83 0.00	26.75 1.69 0.00	33.02 2.21 0.02	33.07 2.07 0.00	32.77 2.03 0.14	32.28 1.87 0.00	32.53 1.73 0.07	31.57 1.73 0.53	28.64 1.37 0.00	26.41 1.34 0.00	23.08 1.34 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	25.52 1.36 0.00	17.56 1.02 -0.48	18.92 1.10 0.00	23.88 1.41 0.00	24.65 1.35 0.00	25.27 1.31 0.00	32.89 1.28 0.00	38.37 1.34 0.00	30.02 1.18 0.00	25.92 1.15 0.00	26.21 1.24 0.00	25.30 1.22 0.00	28.66 1.34 0.00	30.31 1.48 0.00	26.46 1.40 0.00	32.66 1.85 0.02	32.76 1.76 0.00	32.49 1.74 0.14	32.01 1.60 0.00	32.28 1.48 0.07	31.34 1.50 0.52	28.43 1.16 0.00	26.20 1.14 0.00	22.86 1.11 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	25.87 1.71 0.00	17.81 1.27 -0.49	19.18 1.36 0.00	24.19 1.71 0.00	24.94 1.63 0.00	25.55 1.59 0.00	33.23 1.62 0.00	38.77 1.73 0.00	30.48 1.65 0.00	26.35 1.58 0.00	26.68 1.71 0.00	25.71 1.62 0.00	29.10 1.78 0.00	30.74 1.92 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.15 2.15 0.00	32.88 2.14 0.14	32.35 1.94 0.00	32.62 1.83 0.07	31.65 1.81 0.53	28.70 1.43 0.00	26.47 1.41 0.00	23.17 1.43 0.00



E179THST_13_KV_LOAD 356214	25.96 1.80 0.00	17.87 1.33 -0.49	19.24 1.42 0.00	24.26 1.78 0.00	25.02 1.70 0.00	25.63 1.67 0.00	33.35 1.74 0.00	38.92 1.88 0.00	30.61 1.77 0.00	26.46 1.69 0.00	26.80 1.82 0.00	25.82 1.74 0.00	29.23 1.90 0.00	30.88 2.05 0.00	26.97 1.91 0.00	33.28 2.47 0.02	33.31 2.31 0.00	33.03 2.29 0.14	32.49 2.08 0.00	32.76 1.97 0.07	31.79 1.96 0.53	28.82 1.55 0.00	26.58 1.52 0.00	23.26 1.51 0.00
EAST HAMPTON___GT 23717	25.80 1.64 0.00	17.78 1.24 -0.49	18.90 1.09 0.00	23.78 1.30 0.00	24.60 1.29 0.00	25.50 1.55 0.00	33.12 1.50 0.00	39.80 2.11 -0.67	31.00 1.84 -0.33	27.89 2.48 -0.64	35.29 2.32 -8.00	25.94 1.72 -0.14	29.99 1.93 -0.73	30.26 1.66 0.22	26.74 1.68 0.00	33.25 2.44 0.02	33.44 2.45 0.00	33.32 2.58 0.14	33.02 2.60 0.00	33.65 2.86 0.07	32.49 2.66 0.53	29.32 2.05 0.00	27.28 2.21 0.00	23.80 2.06 0.00
EAST RIVER___6 23660	25.80 1.65 0.00	17.79 1.25 -0.49	19.13 1.32 0.00	24.15 1.67 0.00	24.91 1.61 0.00	25.54 1.59 0.00	33.22 1.61 0.00	38.79 1.76 0.00	30.46 1.62 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.76 1.67 0.00	29.15 1.82 0.00	30.78 1.96 0.00	26.86 1.80 0.00	33.18 2.37 0.02	33.22 2.22 0.00	32.93 2.19 0.14	32.43 2.02 0.00	32.67 1.88 0.07	31.70 1.87 0.53	28.75 1.47 0.00	26.50 1.44 0.00	23.18 1.43 0.00
EAST RIVER___7 23524	25.80 1.65 0.00	17.79 1.25 -0.49	19.13 1.32 0.00	24.15 1.67 0.00	24.91 1.61 0.00	25.54 1.59 0.00	33.22 1.61 0.00	38.79 1.76 0.00	30.46 1.62 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.76 1.67 0.00	29.15 1.82 0.00	30.78 1.96 0.00	26.86 1.80 0.00	33.18 2.37 0.02	33.22 2.22 0.00	32.93 2.19 0.14	32.43 2.02 0.00	32.67 1.88 0.07	31.70 1.87 0.53	28.75 1.47 0.00	26.50 1.44 0.00	23.18 1.43 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	25.68 1.53 0.00	17.70 1.16 -0.49	19.06 1.24 0.00	24.05 1.57 0.00	24.81 1.51 0.00	25.44 1.48 0.00	33.06 1.45 0.00	38.59 1.56 0.00	30.24 1.41 0.00	26.17 1.40 0.00	26.50 1.53 0.00	25.55 1.47 0.00	28.95 1.62 0.00	30.58 1.75 0.00	26.69 1.63 0.00	32.94 2.13 0.02	32.98 1.99 0.00	32.69 1.95 0.14	32.21 1.79 0.00	32.46 1.66 0.07	31.50 1.66 0.53	28.58 1.31 0.00	26.35 1.29 0.00	23.03 1.28 0.00
EAST_HAMPTON___DIESEL 23722	25.75 1.59 0.00	17.74 1.20 -0.49	18.85 1.04 0.00	23.71 1.23 0.00	24.54 1.23 0.00	25.45 1.49 0.00	33.06 1.44 0.00	39.75 2.06 -0.67	30.96 1.80 -0.33	27.86 2.46 -0.64	35.26 2.28 -8.00	25.89 1.67 -0.14	29.93 1.87 -0.73	30.20 1.59 0.22	26.70 1.63 0.00	33.20 2.39 0.02	33.39 2.40 0.00	33.28 2.54 0.14	32.98 2.57 0.00	33.62 2.83 0.07	32.46 2.64 0.53	29.30 2.02 0.00	27.27 2.20 0.00	23.78 2.04 0.00
EAST_POINT___SOLAR 323840	25.55 1.39 0.00	17.47 0.87 -0.55	18.78 0.96 0.00	23.69 1.21 0.00	24.55 1.24 0.00	25.26 1.31 0.00	32.92 1.31 0.00	37.66 0.63 0.00	28.68 -0.15 0.00	24.45 -0.32 0.00	24.69 -0.29 0.00	24.20 0.11 0.00	27.71 0.39 0.00	29.30 0.48 0.00	25.26 0.20 0.00	31.46 0.65 0.02	31.53 0.54 0.00	31.87 1.14 0.16	31.68 1.26 0.00	32.28 1.50 0.08	31.34 1.57 0.60	28.75 1.47 0.00	26.26 1.20 0.00	22.67 0.93 0.00
EAST_PULASKI___ESR 323781	23.94 -0.22 0.00	16.05 -0.22 -0.21	17.59 -0.23 0.00	22.26 -0.22 0.00	23.07 -0.24 0.00	23.75 -0.21 0.00	31.13 -0.49 0.00	36.25 -0.78 0.00	28.25 -0.59 0.00	24.18 -0.58 0.00	24.27 -0.70 0.00	23.32 -0.77 0.00	26.36 -0.96 0.00	27.70 -1.12 0.00	24.00 -1.06 0.00	29.44 -1.38 0.00	29.61 -1.39 0.00	29.61 -1.26 0.01	29.36 -1.05 0.00	30.01 -0.85 0.01	29.57 -0.75 0.05	26.55 -0.73 0.00	24.30 -0.77 0.00	21.12 -0.63 0.00
EAST_RIVER___1 323558	25.81 1.65 0.00	17.79 1.25 -0.49	19.14 1.32 0.00	24.15 1.67 0.00	24.92 1.61 0.00	25.55 1.59 0.00	33.22 1.61 0.00	38.79 1.76 0.00	30.46 1.62 0.00	26.38 1.61 0.00	26.71 1.74 0.00	25.76 1.68 0.00	29.17 1.84 0.00	30.81 1.98 0.00	26.89 1.83 0.00	33.21 2.40 0.02	33.24 2.24 0.00	32.94 2.20 0.14	32.44 2.03 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.75 1.48 0.00	26.50 1.44 0.00	23.18 1.43 0.00
EAST_RIVER___2 323559	25.80 1.65 0.00	17.79 1.25 -0.49	19.13 1.32 0.00	24.15 1.67 0.00	24.91 1.61 0.00	25.54 1.59 0.00	33.22 1.61 0.00	38.79 1.76 0.00	30.46 1.62 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.76 1.67 0.00	29.15 1.82 0.00	30.78 1.96 0.00	26.86 1.80 0.00	33.18 2.37 0.02	33.22 2.22 0.00	32.93 2.19 0.14	32.43 2.02 0.00	32.67 1.88 0.07	31.70 1.87 0.53	28.75 1.47 0.00	26.50 1.44 0.00	23.18 1.43 0.00
EAST___DELAWARE_HYD 23607	25.02 0.86 0.00	17.21 0.69 -0.47	18.55 0.74 0.00	23.43 0.96 0.00	24.21 0.91 0.00	24.83 0.88 0.00	32.35 0.74 0.00	37.75 0.72 0.00	29.57 0.74 0.00	25.65 0.88 0.00	25.89 0.91 0.00	24.95 0.87 0.00	28.26 0.94 0.00	29.78 0.96 0.00	25.92 0.86 0.00	32.03 1.22 0.02	32.25 1.25 0.00	32.01 1.26 0.14	31.59 1.18 0.00	31.87 1.07 0.07	30.95 1.10 0.51	28.07 0.80 0.00	25.85 0.79 0.00	22.53 0.78 0.00
EIGHT_POINT___WT_PWR 323820	24.35 0.20 0.00	16.39 -0.18 -0.53	17.25 -0.56 0.00	21.54 -0.94 0.00	22.59 -0.72 0.00	23.62 -0.33 0.00	31.59 -0.02 0.00	37.20 0.17 0.00	28.71 -0.12 0.00	23.59 -1.18 0.00	24.46 -1.79 -1.28	48.15 -1.56 -25.64	25.60 -1.72 0.00	27.16 -1.66 0.00	23.82 -1.24 0.00	29.34 -1.47 0.02	29.34 -1.66 0.00	29.24 -1.49 0.15	28.88 -1.53 0.00	29.54 -1.24 0.08	28.48 -1.31 0.57	25.85 -1.42 0.00	24.01 -1.05 0.00	20.51 -1.29 -0.06
ELBRIDGE_115KV_TB2 80188	24.11 -0.05 0.00	16.47 -0.06 -0.48	17.76 -0.06 0.00	22.38 -0.10 0.00	23.16 -0.14 0.00	23.84 -0.11 0.00	31.28 -0.33 0.00	36.29 -0.74 0.00	28.20 -0.64 0.00	24.13 -0.64 0.00	24.28 -0.69 0.00	23.45 -0.63 0.00	26.53 -0.79 0.00	28.06 -0.77 0.00	24.39 -0.66 0.00	29.95 -0.87 0.00	30.05 -0.94 0.00	29.98 -0.88 0.02	29.59 -0.82 0.00	30.01 -0.85 0.01	29.50 -0.78 0.08	26.53 -0.75 0.00	24.33 -0.73 0.00	21.19 -0.55 0.00
ELEC_TRO_TEK 24086	25.89 1.73 0.00	17.87 1.33 -0.49	19.19 1.37 0.00	24.23 1.75 0.00	25.01 1.70 0.00	25.65 1.69 0.00	33.27 1.66 0.00	42.69 2.03 -3.62	33.91 1.73 -3.35	29.99 1.76 -3.46	49.52 1.91 -22.64	26.55 1.72 -0.75	35.26 1.99 -5.95	31.02 1.95 -0.25	26.93 1.87 0.00	33.16 2.35 0.02	33.15 2.15 0.00	32.81 2.07 0.14	32.35 1.94 0.00	32.64 1.84 0.07	31.66 1.83 0.53	28.70 1.43 0.00	26.55 1.49 0.00	23.28 1.52 -0.01
ELLENBURG_WT_PWR 323604	23.25 -0.91 0.00	10.06 -0.70 5.29	17.10 -0.72 0.00	21.61 -0.86 0.00	22.48 -0.83 0.00	23.32 -0.64 0.00	31.45 -0.17 0.00	37.34 0.30 0.00	28.94 0.10 0.00	24.85 0.08 0.00	25.07 0.09 0.00	24.11 0.03 0.00	27.41 0.09 0.00	28.93 0.10 0.00	25.08 0.02 0.00	30.89 0.06 0.01	31.31 0.31 0.00	31.06 0.24 0.06	30.78 0.36 0.00	31.37 0.54 0.03	30.60 0.48 0.24	27.88 0.61 0.00	25.47 0.41 0.00	21.89 0.14 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	23.84 -0.31 0.00	16.04 -0.54 -0.53	17.26 -0.56 0.00	21.74 -0.74 0.00	22.46 -0.85 0.00	23.24 -0.71 0.00	30.82 -0.79 0.00	35.70 -1.33 0.00	27.78 -1.05 0.00	23.47 -1.30 0.00	23.21 -1.42 0.35	15.91 -1.20 6.97	25.80 -1.53 0.00	27.37 -1.46 0.00	23.92 -1.14 0.00	29.08 -1.73 0.02	28.78 -2.22 0.00	28.53 -2.20 0.16	28.24 -2.18 0.00	28.79 -1.99 0.08	27.83 -1.93 0.61	25.47 -1.81 0.00	23.29 -1.77 0.00	19.90 -1.83 0.02
EMPIRE_CC_1 323656	25.03 0.87 0.00	17.29 0.73 -0.52	18.65 0.83 0.00	23.56 1.08 0.00	24.26 0.96 0.00	24.85 0.89 0.00	32.19 0.57 0.00	37.45 0.42 0.00	29.21 0.37 0.00	25.11 0.34 0.00	25.28 0.31 0.00	24.40 0.31 0.00	27.69 0.37 0.00	29.22 0.39 0.00	25.38 0.32 0.00	31.27 0.46 0.02	31.37 0.38 0.00	31.08 0.34 0.15	30.71 0.29 0.00	30.94 0.15 0.08	30.04 0.24 0.56	27.42 0.15 0.00	25.32 0.25 0.00	22.14 0.39 0.00
EMPIRE_CC_2 323658	25.03 0.87 0.00	17.29 0.73 -0.52	18.65 0.83 0.00	23.56 1.08 0.00	24.26 0.96 0.00	24.85 0.89 0.00	32.19 0.57 0.00	37.45 0.42 0.00	29.21 0.37 0.00	25.11 0.34 0.00	25.28 0.31 0.00	24.40 0.31 0.00	27.69 0.37 0.00	29.22 0.39 0.00	25.38 0.32 0.00	31.27 0.46 0.02	31.37 0.38 0.00	31.08 0.34 0.15	30.71 0.29 0.00	30.94 0.15 0.08	30.04 0.24 0.56	27.42 0.15 0.00	25.32 0.25 0.00	22.14 0.39 0.00
ENORWICH_115KV_TB1 80156	25.75 1.59 0.00	17.51 0.92 -0.53	18.81 1.00 0.00	23.79 1.31 0.00	24.71 1.40 0.00	25.53 1.58 0.00	33.68 2.07 0.00	39.03 2.00 0.00	29.97 1.14 0.00	25.50 0.73 0.00	25.68 0.64 -0.07	26.25 0.85 -1.32	27.90 0.57 0.00	29.45 0.63 0.00	25.85 0.79 0.00	31.77 0.96 0.02	32.12 1.12 0.00	31.94 1.21 0.15	31.79 1.38 0.00	32.59 1.80 0.08	31.59 1.78 0.56	28.60 1.32 0.00	26.13 1.07 0.00	22.61 0.87 0.00
ERIE_ST__34_KV_TB1-2 80199	24.16 0.00 0.00	16.26 -0.32 -0.53	17.49 -0.33 0.00	22.05 -0.43 0.00	22.77 -0.54 0.00	23.57 -0.38 0.00	31.29 -0.33 0.00	36.29 -0.74 0.00	28.25 -0.59 0.00	23.90 -0.87 0.00	23.62 -1.01 0.34	16.38 -0.79 6.91	26.24 -1.09 0.00	27.82 -1.01 0.00	24.29 -0.77 0.00	29.55 -1.26 0.02	29.26 -1.74 0.00	29.04 -1.68 0.16	28.73 -1.69 0.00	29.28 -1.50 0.08	28.32 -1.44 0.61	25.92 -1.36 0.00	23.69 -1.37 0.00	20.27 -1.46 0.02
ERIE_WT_PWR 323693	23.95 -0.20 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.88 -1.16 0.00	27.90 -0.94 0.00	23.58 -1.19 0.00	23.26 -1.32 0.39	15.11 -1.09 7.88	25.90 -1.43 0.00	27.49 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.96 -2.04 0.00	28.71 -2.01 0.16	28.40 -2.01 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
ESPRGFLD_115KV_TB1 80157	25.20 1.04 0.00	17.21 0.62 -0.54	18.48 0.66 0.00	23.31 0.83 0.00	24.19 0.88 0.00	24.87 0.92 0.00	32.76 1.15 0.00	38.13 1.10 0.00	29.62 0.78 0.00	25.39 0.62 0.00	25.49 0.52 0.00	24.61 0.53 0.00	27.98 0.65 0.00	29.48 0.65 0.00	25.63 0.57 0.00	31.54 0.73 0.02	31.66 0.66 0.00	31.54 0.82 0.16	31.29 0.88 0.00	31.81 1.02 0.08	30.79 1.02 0.60	28.19 0.92 0.00	25.75 0.69 0.00	22.27 0.53 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	24.79 0.63 0.00	16.94 0.37 -0.52	18.23 0.41 0.00	23.00 0.53 0.00	23.82 0.51 0.00	24.51 0.56 0.00	32.17 0.55 0.00	37.25 0.22 0.00	28.83 0.00 0.00	24.60 -0.16 0.00	24.79 -0.29 -0.11	26.10 -0.20 -2.22	26.97 -0.36 0.00	28.55 -0.27 0.00	24.91 -0.15 0.00	30.57 -0.24 0.02	30.73 -0.27 0.00	30.58 -0.17 0.13	30.36 -0.05 0.00	30.88 0.08 0.07	29.96 0.10 0.50	27.28 0.01 0.00	25.02 -0.04 0.00	21.73 -0.02 0.00
ETNA____115KV_TB2 80207	24.79 0.63 0.00	16.94 0.37 -0.52	18.23 0.41 0.00	23.00 0.53 0.00	23.82 0.51 0.00	24.51 0.56 0.00	32.17 0.55 0.00	37.25 0.22 0.00	28.83 0.00 0.00	24.60 -0.16 0.00	24.79 -0.29 -0.11	26.10 -0.20 -2.22	26.97 -0.36 0.00	28.55 -0.27 0.00	24.91 -0.15 0.00	30.57 -0.24 0.02	30.73 -0.27 0.00	30.58 -0.17 0.13	30.36 -0.05 0.00	30.88 0.08 0.07	29.96 0.10 0.50	27.28 0.01 0.00	25.02 -0.04 0.00	21.73 -0.02 0.00
EUCLID____115KV_TB2 356179	24.18 0.02 0.00	16.50 -0.01 -0.46	17.81 -0.01 0.00	22.49 0.01 0.00	23.26 -0.04 0.00	23.92 -0.04 0.00	31.33 -0.29 0.00	36.34 -0.69 0.00	28.30 -0.54 0.00	24.25 -0.52 0.00	24.39 -0.59 0.00	23.55 -0.53 0.00	26.67 -0.65 0.00	28.19 -0.64 0.00	24.49 -0.57 0.00	30.04 -0.78 0.02	30.13 -0.87 0.00	29.94 -0.85 0.10	29.60 -0.81 0.00	30.04 -0.78 0.05	29.25 -0.75 0.37	26.55 -0.73 0.00	24.40 -0.66 0.00	21.28 -0.47 0.00
E_CANADA_CAP_HY 24051	25.37 1.21 0.00	17.32 0.72 -0.55	18.60 0.78 0.00	23.45 0.97 0.00	24.34 1.03 0.00	25.04 1.09 0.00	32.85 1.24 0.00	38.12 1.09 0.00	29.46 0.62 0.00	25.20 0.43 0.00	25.32 0.35 0.00	24.51 0.42 0.00	27.93 0.61 0.00	29.44 0.61 0.00	25.47 0.41 0.00	31.45 0.64 0.02	31.57 0.58 0.00	31.59 0.86 0.16	31.38 0.96 0.00	31.92 1.13 0.08	30.94 1.17 0.60	28.43 1.16 0.00	25.96 0.89 0.00	22.45 0.71 0.00
E_CANADA_MHWK_HY 24050	24.84 0.68 0.00	17.64 0.63 -0.96	18.54 0.72 0.00	23.39 0.91 0.00	24.09 0.78 0.00	24.71 0.75 0.00	31.82 0.21 0.00	36.74 -0.30 0.00	28.24 -0.60 0.00	24.14 -0.63 0.00	24.54 -0.43 0.00	23.89 -0.19 0.00	27.02 -0.30 0.00	28.62 -0.20 0.00	24.74 -0.32 0.00	30.69 -0.12 0.03	31.03 0.03 0.00	30.88 0.19 0.19	30.57 0.16 0.00	30.87 0.10 0.10	29.89 0.24 0.71	27.44 0.17 0.00	25.33 0.27 0.00	22.07 0.33 0.00
E_FISHKILL__LBMP 23776	25.46 1.30 0.00	17.55 1.01 -0.49	18.91 1.09 0.00	23.88 1.40 0.00	24.62 1.31 0.00	25.23 1.28 0.00	32.76 1.14 0.00	38.21 1.17 0.00	29.91 1.07 0.00	25.84 1.07 0.00	26.16 1.18 0.00	25.23 1.15 0.00	28.59 1.27 0.00	30.21 1.38 0.00	26.34 1.28 0.00	32.49 1.68 0.02	32.57 1.57 0.00	32.28 1.54 0.14	31.82 1.41 0.00	32.08 1.29 0.07	31.13 1.31 0.54	28.28 1.01 0.00	26.09 1.02 0.00	22.80 1.05 0.00
FALCON__SEABRD_CC1 323796	23.49 -0.67 0.00	10.22 -0.55 5.28	17.25 -0.57 0.00	21.82 -0.66 0.00	22.63 -0.67 0.00	23.48 -0.47 0.00	31.69 0.08 0.00	37.66 0.63 0.00	29.16 0.32 0.00	25.07 0.30 0.00	25.33 0.36 0.00	24.38 0.29 0.00	27.68 0.35 0.00	29.22 0.40 0.00	25.29 0.23 0.00	31.19 0.37 0.01	31.67 0.68 0.00	31.37 0.55 0.06	31.08 0.67 0.00	31.72 0.88 0.04	30.99 0.86 0.24	28.22 0.95 0.00	25.81 0.74 0.00	22.15 0.40 0.00
FALCON__SEABRD_CC2 323797	23.49 -0.67 0.00	10.22 -0.55 5.28	17.25 -0.57 0.00	21.82 -0.66 0.00	22.63 -0.67 0.00	23.48 -0.47 0.00	31.69 0.08 0.00	37.66 0.63 0.00	29.16 0.32 0.00	25.07 0.30 0.00	25.33 0.36 0.00	24.38 0.29 0.00	27.68 0.35 0.00	29.22 0.40 0.00	25.29 0.23 0.00	31.19 0.37 0.01	31.67 0.68 0.00	31.37 0.55 0.06	31.08 0.67 0.00	31.72 0.88 0.04	30.99 0.86 0.24	28.22 0.95 0.00	25.81 0.74 0.00	22.15 0.40 0.00



FAR ROCKAWAY___4 23548	26.20 2.05 0.00	18.07 1.53 -0.49	19.41 1.59 0.00	24.49 2.01 0.00	25.27 1.96 0.00	25.93 1.97 0.00	33.67 2.04 0.00	56.08 2.50 -16.55	49.23 2.05 -18.35	42.64 2.05 -15.83	90.47 2.20 -63.30	29.52 2.00 -3.43	60.67 2.33 -31.02	35.02 2.27 -3.93	27.23 2.17 0.00	33.61 2.80 0.02	33.56 2.56 0.00	33.23 2.49 0.14	32.79 2.37 0.00	33.10 2.30 0.07	32.11 2.28 0.53	29.09 1.82 0.00	26.90 1.84 0.00	23.60 1.81 -0.04
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	25.82 1.67 0.00	17.80 1.26 -0.49	19.15 1.33 0.00	24.16 1.68 0.00	24.93 1.62 0.00	25.55 1.60 0.00	33.25 1.63 0.00	38.81 1.78 0.00	30.47 1.63 0.00	26.38 1.61 0.00	26.72 1.75 0.00	25.77 1.69 0.00	29.18 1.85 0.00	30.82 2.00 0.00	26.91 1.85 0.00	33.23 2.42 0.02	33.26 2.26 0.00	32.95 2.21 0.14	32.46 2.04 0.00	32.70 1.90 0.07	31.71 1.88 0.53	28.77 1.49 0.00	26.52 1.45 0.00	23.19 1.44 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	25.83 1.67 0.00	17.80 1.27 -0.49	19.15 1.33 0.00	24.17 1.69 0.00	24.94 1.63 0.00	25.56 1.61 0.00	33.25 1.63 0.00	38.82 1.79 0.00	30.48 1.64 0.00	26.39 1.62 0.00	26.72 1.75 0.00	25.77 1.69 0.00	29.18 1.85 0.00	30.82 2.00 0.00	26.91 1.85 0.00	33.23 2.42 0.02	33.27 2.27 0.00	32.97 2.22 0.14	32.46 2.05 0.00	32.70 1.91 0.07	31.73 1.90 0.53	28.77 1.50 0.00	26.52 1.46 0.00	23.19 1.45 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	25.81 1.65 0.00	17.79 1.25 -0.49	19.14 1.32 0.00	24.15 1.67 0.00	24.92 1.61 0.00	25.55 1.60 0.00	33.24 1.62 0.00	38.81 1.78 0.00	30.47 1.63 0.00	26.38 1.61 0.00	26.71 1.74 0.00	25.76 1.68 0.00	29.17 1.84 0.00	30.82 2.00 0.00	26.90 1.84 0.00	33.23 2.42 0.02	33.25 2.25 0.00	32.95 2.21 0.14	32.45 2.04 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.76 1.48 0.00	26.51 1.44 0.00	23.18 1.43 0.00
FARRAGUT___LBMP 323566	25.79 1.63 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.13 1.66 0.00	24.90 1.59 0.00	25.53 1.57 0.00	33.20 1.59 0.00	38.76 1.72 0.00	30.43 1.60 0.00	26.34 1.57 0.00	26.68 1.71 0.00	25.74 1.65 0.00	29.14 1.81 0.00	30.77 1.95 0.00	26.87 1.81 0.00	33.18 2.37 0.02	33.21 2.21 0.00	32.91 2.17 0.14	32.41 2.00 0.00	32.65 1.85 0.07	31.68 1.85 0.53	28.73 1.45 0.00	26.48 1.42 0.00	23.16 1.41 0.00
FENNER___WINDPWR 24204	24.72 0.57 0.00	16.94 0.35 -0.54	18.21 0.39 0.00	23.00 0.53 0.00	23.80 0.49 0.00	24.51 0.56 0.00	32.13 0.51 0.00	37.32 0.29 0.00	29.04 0.20 0.00	24.93 0.16 0.00	24.98 0.00 0.00	24.09 0.00 0.00	27.23 -0.10 0.00	28.76 -0.07 0.00	24.99 -0.07 0.00	30.70 -0.11 0.02	30.88 -0.12 0.00	30.74 -0.01 0.14	30.52 0.11 0.00	31.03 0.23 0.07	30.10 0.25 0.52	27.43 0.15 0.00	25.15 0.09 0.00	21.83 0.09 0.00
FIBERTEK___ENERGY 23856	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
FITZPATRICK___ 23598	23.72 -0.44 0.00	16.25 -0.31 -0.50	17.48 -0.34 0.00	22.06 -0.42 0.00	22.83 -0.48 0.00	23.47 -0.48 0.00	30.77 -0.84 0.00	35.71 -1.32 0.00	27.80 -1.04 0.00	23.84 -0.93 0.00	24.00 -0.98 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.07 -0.99 0.00	29.46 -1.29 0.08	29.65 -1.35 0.00	29.02 -1.33 0.53	29.12 -1.29 0.00	29.30 -1.29 0.27	27.12 -1.26 1.99	26.11 -1.16 0.01	24.00 -1.06 0.00	20.93 -0.82 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	25.75 1.59 0.00	17.72 1.18 -0.49	19.10 1.28 0.00	24.11 1.63 0.00	24.87 1.56 0.00	25.50 1.54 0.00	33.16 1.55 0.00	38.70 1.67 0.00	30.29 1.45 0.00	26.16 1.39 0.00	26.46 1.48 0.00	25.54 1.46 0.00	28.93 1.61 0.00	30.60 1.78 0.00	26.70 1.64 0.00	32.96 2.15 0.02	33.07 2.07 0.00	32.78 2.03 0.14	32.32 1.90 0.00	32.58 1.79 0.07	31.63 1.80 0.53	28.71 1.43 0.00	26.45 1.39 0.00	23.07 1.32 0.00
FORT ORANGE___ 23900	24.90 0.74 0.00	17.23 0.65 -0.53	18.56 0.74 0.00	23.44 0.96 0.00	24.15 0.84 0.00	24.74 0.79 0.00	32.13 0.51 0.00	37.38 0.35 0.00	29.10 0.26 0.00	25.01 0.25 0.00	25.24 0.26 0.00	24.36 0.28 0.00	27.63 0.30 0.00	29.21 0.38 0.00	25.41 0.35 0.00	31.29 0.48 0.02	31.43 0.43 0.00	31.22 0.49 0.15	30.84 0.43 0.00	31.11 0.32 0.08	30.17 0.39 0.58	27.53 0.26 0.00	25.44 0.37 0.00	22.17 0.43 0.00
FORT_DRUM_COGEN 23780	23.75 -0.41 0.00	14.99 -0.50 0.56	17.30 -0.51 0.00	22.05 -0.43 0.00	22.95 -0.35 0.00	23.86 -0.10 0.00	31.41 -0.21 0.00	36.98 -0.05 0.00	28.86 0.02 0.00	24.64 -0.13 0.00	24.51 -0.47 0.00	23.31 -0.78 0.00	26.26 -1.06 0.00	27.27 -1.56 0.00	23.46 -1.61 0.00	28.88 -1.94 0.01	29.15 -1.85 0.00	29.34 -1.46 0.07	29.55 -0.87 0.00	30.66 -0.17 0.04	30.01 -0.08 0.28	27.02 -0.26 0.00	24.41 -0.66 0.00	21.03 -0.72 0.00
FOX_HILLS___ESR 323835	25.87 1.73 0.01	17.80 1.27 -0.47	19.15 1.35 0.02	24.17 1.69 0.00	24.94 1.63 0.00	25.59 1.63 0.00	33.41 1.79 0.00	38.78 1.75 0.00	30.43 1.59 0.00	26.31 1.54 0.00	26.65 1.68 0.00	25.68 1.60 0.00	29.10 1.78 0.00	30.72 1.90 0.00	26.90 1.84 0.00	33.16 2.35 0.02	33.23 2.23 0.00	32.94 2.20 0.14	32.41 2.00 0.00	32.67 1.87 0.07	31.70 1.87 0.53	28.75 1.47 0.00	26.50 1.43 0.00	23.16 1.42 0.00
FPL_FAR_ROCK_GT1 24212	26.20 2.05 0.00	18.07 1.53 -0.49	19.41 1.59 0.00	24.49 2.01 0.00	25.27 1.97 0.00	25.92 1.97 0.00	33.66 2.04 0.00	56.05 2.47 -16.55	49.22 2.04 -18.35	42.64 2.05 -15.83	90.47 2.20 -63.30	29.51 2.00 -3.43	60.62 2.28 -31.02	35.02 2.27 -3.93	27.23 2.17 0.00	33.60 2.79 0.02	33.55 2.56 0.00	33.23 2.49 0.14	32.79 2.37 0.00	33.10 2.30 0.07	32.11 2.28 0.53	29.09 1.81 0.00	26.90 1.84 0.00	23.57 1.78 -0.04
FPL_FAR_ROCK_GT2 23815	26.20 2.05 0.00	18.07 1.53 -0.49	19.41 1.59 0.00	24.49 2.01 0.00	25.27 1.97 0.00	25.92 1.97 0.00	33.66 2.04 0.00	56.05 2.47 -16.55	49.22 2.04 -18.35	42.64 2.05 -15.83	90.47 2.20 -63.30	29.51 2.00 -3.43	60.62 2.28 -31.02	35.02 2.27 -3.93	27.23 2.17 0.00	33.60 2.79 0.02	33.55 2.56 0.00	33.23 2.49 0.14	32.79 2.37 0.00	33.10 2.30 0.07	32.11 2.28 0.53	29.09 1.81 0.00	26.90 1.84 0.00	23.57 1.78 -0.04
FRANKLIN_FALL_HYD 24054	23.20 -0.96 0.00	10.40 -0.76 4.90	17.02 -0.79 0.00	21.51 -0.97 0.00	22.40 -0.90 0.00	23.27 -0.69 0.00	31.44 -0.18 0.00	37.48 0.44 0.00	29.00 0.16 0.00	24.94 0.17 0.00	25.09 0.12 0.00	24.12 0.03 0.00	27.39 0.07 0.00	28.82 0.00 0.00	25.00 -0.06 0.00	30.79 -0.04 0.01	31.21 0.21 0.00	30.96 0.14 0.07	30.72 0.31 0.00	31.44 0.60 0.04	30.64 0.52 0.25	27.97 0.70 0.00	25.50 0.43 0.00	21.83 0.08 0.00



FREEPORT_EQUS_GT1 23764	26.06 1.90 0.00	17.98 1.44 -0.49	19.30 1.48 0.00	24.35 1.88 0.00	25.15 1.84 0.00	25.80 1.85 0.00	33.47 1.85 0.00	44.07 2.25 -4.79	35.63 1.90 -4.90	31.30 1.95 -4.58	50.86 2.11 -23.78	26.94 1.87 -0.99	37.89 2.11 -8.46	31.66 2.08 -0.76	27.02 1.96 0.00	33.33 2.52 0.02	33.32 2.32 0.00	32.97 2.23 0.14	32.52 2.11 0.00	32.83 2.03 0.07	31.87 2.04 0.53	28.87 1.60 0.00	26.72 1.66 0.00	23.42 1.66 -0.01
FREEPORT___CT2 23818	26.06 1.90 0.00	17.98 1.44 -0.49	19.30 1.48 0.00	24.35 1.88 0.00	25.15 1.84 0.00	25.80 1.85 0.00	33.47 1.85 0.00	44.07 2.25 -4.79	35.63 1.90 -4.90	31.30 1.95 -4.58	50.86 2.11 -23.78	26.94 1.87 -0.99	37.89 2.11 -8.46	31.66 2.08 -0.76	27.02 1.96 0.00	33.33 2.52 0.02	33.32 2.32 0.00	32.97 2.23 0.14	32.52 2.11 0.00	32.83 2.03 0.07	31.87 2.04 0.53	28.87 1.60 0.00	26.72 1.66 0.00	23.42 1.66 -0.01
FRESHKLS_33_KV_LOAD 356253	25.81 1.67 0.01	17.76 1.24 -0.47	19.11 1.31 0.02	24.12 1.65 0.00	24.89 1.58 0.00	25.56 1.61 0.00	33.53 1.91 0.00	38.82 1.79 0.00	30.44 1.60 0.00	26.32 1.55 0.00	26.64 1.67 0.00	25.67 1.59 0.00	29.08 1.75 0.00	30.69 1.87 0.00	26.90 1.84 0.00	33.14 2.33 0.02	33.24 2.24 0.00	32.96 2.22 0.14	32.42 2.01 0.00	32.69 1.90 0.07	31.73 1.90 0.53	28.77 1.50 0.00	26.52 1.46 0.00	23.17 1.43 0.00
FULTON COGEN____ 23766	23.93 -0.23 0.00	16.30 -0.17 -0.42	17.63 -0.19 0.00	22.26 -0.22 0.00	23.05 -0.26 0.00	23.68 -0.28 0.00	31.04 -0.57 0.00	36.03 -1.01 0.00	28.07 -0.77 0.00	24.04 -0.73 0.00	24.16 -0.81 0.00	23.31 -0.77 0.00	26.42 -0.91 0.00	27.87 -0.95 0.00	24.24 -0.83 0.00	29.76 -1.07 0.00	29.87 -1.13 0.00	29.81 -1.08 0.00	29.38 -1.04 0.00	29.85 -1.02 0.00	29.40 -0.97 0.00	26.35 -0.92 0.00	24.21 -0.86 0.00	21.11 -0.64 0.00
FULTON___LFGE 323630	25.49 1.33 0.00	17.46 0.86 -0.55	18.77 0.95 0.00	23.67 1.19 0.00	24.52 1.22 0.00	25.21 1.25 0.00	32.95 1.34 0.00	38.15 1.12 0.00	29.18 0.34 0.00	24.88 0.11 0.00	25.03 0.06 0.00	24.36 0.27 0.00	27.79 0.47 0.00	29.39 0.57 0.00	25.34 0.28 0.00	31.35 0.55 0.02	31.75 0.75 0.00	31.79 1.06 0.16	31.53 1.12 0.00	32.08 1.30 0.08	31.14 1.37 0.60	28.53 1.26 0.00	26.10 1.04 0.00	22.63 0.88 0.00
G.F.CEMENT___DRP 24184	25.67 1.52 0.00	17.68 1.08 -0.54	19.04 1.23 0.00	24.04 1.56 0.00	24.79 1.48 0.00	25.46 1.50 0.00	33.04 1.42 0.00	38.36 1.33 0.00	29.85 1.01 0.00	25.55 0.78 0.00	25.77 0.80 0.00	25.02 0.93 0.00	28.45 1.13 0.00	30.03 1.20 0.00	25.96 0.90 0.00	31.95 1.14 0.02	32.32 1.32 0.00	32.05 1.32 0.16	31.73 1.31 0.00	32.10 1.32 0.08	31.26 1.49 0.59	28.57 1.29 0.00	26.30 1.23 0.00	22.88 1.13 0.00
GARDENVILLE___LBMP 24039	23.88 -0.28 0.00	16.06 -0.53 -0.53	17.27 -0.54 0.00	21.79 -0.69 0.00	22.50 -0.80 0.00	23.29 -0.67 0.00	30.86 -0.76 0.00	35.73 -1.30 0.00	27.73 -1.11 0.00	23.42 -1.35 0.00	22.70 -1.49 0.78	7.14 -1.25 15.69	25.72 -1.61 0.00	27.28 -1.54 0.00	23.88 -1.18 0.00	29.09 -1.72 0.02	28.83 -2.17 0.00	28.61 -2.12 0.16	28.31 -2.11 0.00	28.88 -1.91 0.08	27.91 -1.85 0.60	25.53 -1.75 0.00	23.37 -1.69 0.00	19.94 -1.77 0.04
GARDNVLA_35_KV_LD 355827	23.98 -0.17 0.00	16.13 -0.45 -0.53	17.35 -0.47 0.00	21.87 -0.61 0.00	22.58 -0.73 0.00	23.38 -0.57 0.00	31.01 -0.61 0.00	35.93 -1.11 0.00	27.94 -0.90 0.00	23.61 -1.16 0.00	23.32 -1.28 0.37	15.52 -1.08 7.48	25.95 -1.37 0.00	27.53 -1.29 0.00	24.08 -0.98 0.00	29.29 -1.51 0.02	29.01 -1.99 0.00	28.77 -1.95 0.16	28.47 -1.95 0.00	29.04 -1.75 0.08	28.07 -1.69 0.61	25.68 -1.59 0.00	23.49 -1.58 0.00	20.06 -1.67 0.02
GELCKHM___115KV_LOAD 80723	24.21 0.05 0.00	16.53 0.01 -0.46	17.84 0.02 0.00	22.51 0.03 0.00	23.30 -0.01 0.00	23.96 0.00 0.00	31.40 -0.22 0.00	36.42 -0.61 0.00	28.35 -0.48 0.00	24.28 -0.49 0.00	24.42 -0.56 0.00	23.58 -0.51 0.00	26.71 -0.62 0.00	28.22 -0.61 0.00	24.52 -0.54 0.00	30.09 -0.72 0.01	30.20 -0.80 0.00	30.04 -0.77 0.07	29.69 -0.73 0.00	30.13 -0.70 0.04	29.42 -0.66 0.28	26.62 -0.66 0.00	24.46 -0.61 0.00	21.32 -0.43 0.00
GENERAL___MILLS 23808	23.95 -0.21 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.87 -1.16 0.00	27.89 -0.94 0.00	23.57 -1.20 0.00	23.26 -1.32 0.39	15.09 -1.11 7.88	25.90 -1.43 0.00	27.48 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.95 -2.05 0.00	28.71 -2.01 0.16	28.41 -2.00 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
GE_PLASTICS___DRP 24183	24.83 0.67 0.00	17.17 0.59 -0.52	18.50 0.68 0.00	23.36 0.88 0.00	24.08 0.78 0.00	24.66 0.70 0.00	32.06 0.44 0.00	37.31 0.28 0.00	29.08 0.25 0.00	25.02 0.25 0.00	25.25 0.28 0.00	24.38 0.29 0.00	27.64 0.31 0.00	29.19 0.37 0.00	25.40 0.34 0.00	31.28 0.47 0.02	31.42 0.42 0.00	31.15 0.42 0.15	30.76 0.35 0.00	31.04 0.25 0.08	30.09 0.30 0.57	27.47 0.19 0.00	25.35 0.29 0.00	22.11 0.36 0.00
GILBOA___1 23756	24.90 0.74 0.00	17.20 0.62 -0.52	18.60 0.78 0.00	23.49 1.01 0.00	24.21 0.90 0.00	24.68 0.72 0.00	32.15 0.54 0.00	37.39 0.36 0.00	29.18 0.35 0.00	25.14 0.38 0.00	25.37 0.40 0.00	24.50 0.41 0.00	27.76 0.43 0.00	29.29 0.47 0.00	25.53 0.46 0.00	31.44 0.63 0.02	31.55 0.56 0.00	31.26 0.53 0.15	30.83 0.42 0.00	31.15 0.37 0.08	30.19 0.40 0.57	27.59 0.31 0.00	25.42 0.36 0.00	22.17 0.42 0.00
GILBOA___2 23757	24.90 0.74 0.00	17.20 0.62 -0.52	18.60 0.78 0.00	23.49 1.01 0.00	24.21 0.90 0.00	24.68 0.72 0.00	32.15 0.54 0.00	37.39 0.36 0.00	29.18 0.35 0.00	25.14 0.38 0.00	25.37 0.40 0.00	24.50 0.41 0.00	27.76 0.43 0.00	29.29 0.47 0.00	25.53 0.46 0.00	31.44 0.63 0.02	31.55 0.56 0.00	31.26 0.53 0.15	30.83 0.42 0.00	31.15 0.37 0.08	30.19 0.40 0.57	27.59 0.31 0.00	25.42 0.36 0.00	22.17 0.42 0.00
GILBOA___3 23758	24.90 0.74 0.00	17.20 0.62 -0.52	18.60 0.78 0.00	23.49 1.01 0.00	24.21 0.90 0.00	24.68 0.72 0.00	32.15 0.54 0.00	37.39 0.36 0.00	29.18 0.35 0.00	25.14 0.38 0.00	25.37 0.40 0.00	24.50 0.41 0.00	27.76 0.43 0.00	29.29 0.47 0.00	25.53 0.46 0.00	31.44 0.63 0.02	31.55 0.56 0.00	31.26 0.53 0.15	30.83 0.42 0.00	31.15 0.37 0.08	30.19 0.40 0.57	27.59 0.31 0.00	25.42 0.36 0.00	22.17 0.42 0.00
GILBOA___4 23759	24.90 0.74 0.00	17.20 0.62 -0.52	18.60 0.78 0.00	23.49 1.01 0.00	24.21 0.90 0.00	24.68 0.72 0.00	32.15 0.54 0.00	37.39 0.36 0.00	29.18 0.35 0.00	25.14 0.38 0.00	25.37 0.40 0.00	24.50 0.41 0.00	27.76 0.43 0.00	29.29 0.47 0.00	25.53 0.46 0.00	31.44 0.63 0.02	31.55 0.56 0.00	31.26 0.53 0.15	30.83 0.42 0.00	31.15 0.37 0.08	30.19 0.40 0.57	27.59 0.31 0.00	25.42 0.36 0.00	22.17 0.42 0.00



GILBOA____ 23599	24.90 0.74 0.00	17.20 0.62 -0.52	18.60 0.78 0.00	23.49 1.01 0.00	24.21 0.90 0.00	24.68 0.72 0.00	32.15 0.54 0.00	37.39 0.36 0.00	29.18 0.35 0.00	25.14 0.38 0.00	25.38 0.40 0.00	24.50 0.41 0.00	27.76 0.43 0.00	29.29 0.47 0.00	25.53 0.47 0.00	31.43 0.62 0.02	31.55 0.56 0.00	31.26 0.53 0.15	30.84 0.42 0.00	31.15 0.36 0.08	30.19 0.40 0.57	27.59 0.32 0.00	25.43 0.36 0.00	22.17 0.42 0.00
GINNA____ 23603	23.01 -1.14 0.00	15.66 -0.92 -0.52	16.81 -1.01 0.00	21.19 -1.29 0.00	21.92 -1.39 0.00	22.62 -1.33 0.00	29.87 -1.75 0.00	34.65 -2.39 0.00	26.91 -1.92 0.00	22.89 -1.88 0.00	23.01 -1.96 0.00	22.26 -1.83 0.00	25.21 -2.11 0.00	26.67 -2.15 0.00	23.23 -1.83 0.00	28.48 -2.33 0.02	28.38 -2.62 0.00	28.24 -2.49 0.15	28.02 -2.40 0.00	28.42 -2.37 0.08	27.49 -2.30 0.58	25.13 -2.15 0.00	22.98 -2.08 0.00	19.85 -1.90 0.00
GLEN PARK____ 23778	23.81 -0.35 0.00	15.10 -0.45 0.50	17.35 -0.47 0.00	22.10 -0.38 0.00	23.00 -0.31 0.00	23.90 -0.05 0.00	31.47 -0.14 0.00	37.03 0.00 0.00	28.90 0.06 0.00	24.65 -0.12 0.00	24.50 -0.47 0.00	23.24 -0.84 0.00	26.17 -1.16 0.00	27.19 -1.64 0.00	23.38 -1.68 0.00	28.78 -2.04 0.01	29.04 -1.96 0.00	29.29 -1.52 0.07	29.52 -0.89 0.00	30.69 -0.14 0.04	30.10 0.00 0.27	27.09 -0.18 0.00	24.47 -0.60 0.00	21.08 -0.67 0.00
GLENDALE_27_KV_LOAD 356172	25.97 1.81 0.00	17.89 1.35 -0.49	19.26 1.44 0.00	24.27 1.79 0.00	25.03 1.72 0.00	25.64 1.69 0.00	33.36 1.74 0.00	38.95 1.92 0.00	30.61 1.77 0.00	26.50 1.73 0.00	26.82 1.85 0.00	25.87 1.79 0.00	29.29 1.97 0.00	30.94 2.12 0.00	27.03 1.97 0.00	33.36 2.55 0.02	33.40 2.41 0.00	33.10 2.36 0.14	32.57 2.16 0.00	32.82 2.02 0.07	31.83 2.00 0.53	28.86 1.59 0.00	26.60 1.54 0.00	23.28 1.53 0.00
GLENWOOD_IC_1_G5 23712	25.92 1.76 0.00	17.88 1.34 -0.49	19.22 1.40 0.00	24.26 1.78 0.00	25.03 1.73 0.00	25.68 1.72 0.00	33.34 1.73 0.00	42.96 2.02 -3.91	34.21 1.65 -3.72	30.19 1.68 -3.74	49.87 1.82 -23.07	26.57 1.68 -0.81	35.81 1.92 -6.57	31.14 1.95 -0.37	26.90 1.84 0.00	33.18 2.37 0.02	33.20 2.20 0.00	32.85 2.11 0.14	32.38 1.97 0.00	32.64 1.85 0.07	31.67 1.84 0.53	28.81 1.54 0.00	26.60 1.54 0.00	23.28 1.53 -0.01
GLENWOOD_IC_2_G1 23688	25.81 1.66 0.00	17.80 1.26 -0.49	19.14 1.32 0.00	24.16 1.68 0.00	24.93 1.62 0.00	25.56 1.61 0.00	33.20 1.58 0.00	38.93 1.79 -0.11	30.49 1.57 -0.09	26.46 1.59 -0.10	27.48 1.72 -0.79	25.72 1.61 -0.02	29.29 1.79 -0.17	30.71 1.88 0.00	26.82 1.76 0.00	33.10 2.29 0.02	33.12 2.12 0.00	32.80 2.05 0.14	32.33 1.91 0.00	32.59 1.79 0.07	31.62 1.79 0.53	28.68 1.41 0.00	26.48 1.42 0.00	23.16 1.42 0.00
GLENWOOD_IC_3_G1 23689	25.81 1.66 0.00	17.80 1.26 -0.49	19.14 1.32 0.00	24.16 1.68 0.00	24.93 1.62 0.00	25.56 1.61 0.00	33.20 1.58 0.00	38.93 1.79 -0.11	30.49 1.57 -0.09	26.46 1.59 -0.10	27.48 1.72 -0.79	25.72 1.61 -0.02	29.29 1.79 -0.17	30.71 1.88 0.00	26.82 1.76 0.00	33.10 2.29 0.02	33.12 2.12 0.00	32.80 2.05 0.14	32.33 1.91 0.00	32.59 1.79 0.07	31.62 1.79 0.53	28.68 1.41 0.00	26.48 1.42 0.00	23.16 1.42 0.00
GLENWOOD____4 23550	25.92 1.76 0.00	17.88 1.34 -0.49	19.22 1.40 0.00	24.26 1.78 0.00	25.03 1.73 0.00	25.68 1.72 0.00	33.34 1.73 0.00	42.96 2.02 -3.91	34.26 1.70 -3.72	30.22 1.71 -3.74	49.90 1.85 -23.07	26.60 1.70 -0.81	35.83 1.94 -6.57	31.18 1.98 -0.37	26.93 1.87 0.00	33.21 2.40 0.02	33.23 2.23 0.00	32.89 2.15 0.14	32.42 2.00 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.81 1.54 0.00	26.60 1.54 0.00	23.28 1.53 -0.01
GLENWOOD____5 23614	25.92 1.76 0.00	17.88 1.34 -0.49	19.22 1.40 0.00	24.26 1.78 0.00	25.03 1.73 0.00	25.68 1.72 0.00	33.34 1.73 0.00	42.96 2.02 -3.91	34.26 1.70 -3.72	30.22 1.71 -3.74	49.90 1.85 -23.07	26.60 1.70 -0.81	35.83 1.94 -6.57	31.18 1.98 -0.37	26.93 1.87 0.00	33.21 2.40 0.02	33.23 2.23 0.00	32.89 2.15 0.14	32.42 2.00 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.81 1.54 0.00	26.60 1.54 0.00	23.28 1.53 -0.01
GLOBAL GREEN_PORT_GT1 23814	25.95 1.80 0.00	17.93 1.39 -0.49	19.11 1.29 0.00	24.05 1.57 0.00	24.88 1.57 0.00	25.71 1.76 0.00	33.32 1.71 0.00	39.97 2.28 -0.67	31.13 1.97 -0.33	27.90 2.49 -0.64	35.40 2.43 -8.00	26.12 1.89 -0.14	30.16 2.11 -0.73	30.48 1.87 0.22	26.92 1.86 0.00	33.42 2.61 0.02	33.54 2.55 0.00	33.39 2.65 0.14	33.07 2.66 0.00	33.64 2.85 0.07	32.51 2.68 0.53	29.36 2.08 0.00	27.27 2.21 0.00	23.80 2.06 0.00
GLOBE____DSASP 323697	23.41 -0.75 0.00	15.73 -0.85 -0.53	16.92 -0.90 0.00	21.29 -1.19 0.00	21.98 -1.33 0.00	22.76 -1.20 0.00	30.21 -1.40 0.00	34.86 -2.17 0.00	27.09 -1.75 0.00	22.81 -1.96 0.00	22.63 -2.02 0.32	16.07 -1.70 6.32	25.13 -2.20 0.00	26.61 -2.21 0.00	23.26 -1.81 0.00	28.22 -2.58 0.02	27.86 -3.14 0.00	27.62 -3.10 0.16	27.39 -3.02 0.00	27.91 -2.87 0.08	26.99 -2.77 0.61	24.73 -2.54 0.00	22.63 -2.44 0.00	19.36 -2.37 0.01
GOETHSLN____LBMP 323567	25.71 1.55 0.00	17.72 1.18 -0.49	19.06 1.24 0.00	24.05 1.58 0.00	24.83 1.52 0.00	25.45 1.49 0.00	33.03 1.42 0.00	38.60 1.57 0.00	30.30 1.46 0.00	26.23 1.46 0.00	26.56 1.59 0.00	25.62 1.53 0.00	29.01 1.69 0.00	30.65 1.83 0.00	26.76 1.70 0.00	33.05 2.24 0.02	33.07 2.08 0.00	32.78 2.04 0.14	32.27 1.86 0.00	32.50 1.70 0.07	31.53 1.70 0.53	28.59 1.32 0.00	26.36 1.30 0.00	23.05 1.31 0.00
GOLAH____69_KV_TB 1_2 80279	24.20 0.05 0.00	16.37 -0.21 -0.52	17.61 -0.21 0.00	22.18 -0.30 0.00	22.94 -0.37 0.00	23.71 -0.25 0.00	31.37 -0.25 0.00	36.34 -0.69 0.00	28.15 -0.69 0.00	23.86 -0.91 0.00	23.97 -1.01 0.00	23.20 -0.88 0.00	26.23 -1.09 0.00	27.77 -1.05 0.00	24.20 -0.86 0.00	29.65 -1.16 0.02	29.46 -1.54 0.00	29.39 -1.34 0.16	29.17 -1.24 0.00	29.67 -1.12 0.08	28.73 -1.04 0.59	26.25 -1.02 0.00	24.00 -1.07 0.00	20.65 -1.10 0.00
GOODYEAR_LAKE_HYD 323669	25.09 0.93 0.00	17.21 0.62 -0.54	18.51 0.69 0.00	23.37 0.89 0.00	24.18 0.88 0.00	24.82 0.86 0.00	32.58 0.97 0.00	37.92 0.89 0.00	29.53 0.69 0.00	25.36 0.59 0.00	25.53 0.55 0.00	24.65 0.56 0.00	27.95 0.63 0.00	29.49 0.66 0.00	25.69 0.63 0.00	31.60 0.79 0.02	31.72 0.72 0.00	31.50 0.78 0.16	31.18 0.77 0.00	31.61 0.83 0.08	30.60 0.82 0.59	27.95 0.67 0.00	25.62 0.55 0.00	22.23 0.48 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	24.53 0.37 0.00	16.81 0.22 -0.53	18.08 0.26 0.00	22.84 0.36 0.00	23.60 0.29 0.00	24.26 0.30 0.00	31.79 0.18 0.00	36.87 -0.17 0.00	28.65 -0.18 0.00	24.59 -0.18 0.00	24.70 -0.28 0.00	23.90 -0.19 0.00	27.03 -0.29 0.00	28.57 -0.25 0.00	24.90 -0.17 0.02	30.53 -0.28 0.02	30.59 -0.41 0.00	30.34 -0.39 0.16	29.96 -0.45 0.00	30.42 -0.36 0.08	29.41 -0.36 0.60	26.90 -0.38 0.00	24.73 -0.33 0.00	21.48 -0.26 0.00



GOUDEY___7 23579	24.53 0.37 0.00	16.81 0.22 -0.53	18.08 0.26 0.00	22.84 0.36 0.00	23.60 0.29 0.00	24.26 0.30 0.00	31.79 0.18 0.00	36.87 -0.17 0.00	28.65 -0.18 0.00	24.59 -0.18 0.00	24.70 -0.28 0.00	23.90 -0.19 0.00	27.03 -0.29 0.00	28.57 -0.25 0.00	24.90 -0.17 0.00	30.53 -0.28 0.02	30.59 -0.41 0.00	30.34 -0.39 0.16	29.96 -0.45 0.00	30.42 -0.36 0.08	29.41 -0.36 0.60	26.90 -0.38 0.00	24.73 -0.33 0.00	21.48 -0.26 0.00
GOUDEY___8 23580	24.53 0.37 0.00	16.81 0.22 -0.53	18.08 0.26 0.00	22.84 0.36 0.00	23.60 0.29 0.00	24.26 0.30 0.00	31.79 0.18 0.00	36.87 -0.17 0.00	28.65 -0.18 0.00	24.59 -0.18 0.00	24.70 -0.28 0.00	23.90 -0.19 0.00	27.03 -0.29 0.00	28.57 -0.25 0.00	24.90 -0.17 0.00	30.53 -0.28 0.02	30.59 -0.41 0.00	30.34 -0.39 0.16	29.96 -0.45 0.00	30.42 -0.36 0.08	29.41 -0.36 0.60	26.90 -0.38 0.00	24.73 -0.33 0.00	21.48 -0.26 0.00
GOWANUS_GT1_1 24077	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_2 24078	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_3 24079	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_4 24080	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_5 24084	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_6 24111	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_7 24112	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT1_8 24113	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_1 24114	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_2 24115	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_3 24116	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_4 24117	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_5 24118	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00



GOWANUS_GT2_6 24119	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_7 24120	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT2_8 24121	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_1 24122	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_2 24123	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_3 24124	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_4 24125	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_5 24126	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_6 24127	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_7 24128	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT3_8 24129	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_1 24130	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_2 24131	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_3 24132	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_4 24133	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00



GOWANUS_GT4_5 24134	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_6 24135	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_7 24136	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GOWANUS_GT4_8 24137	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GREATVR_69_KV_BK1 356245	26.22 2.07 0.00	18.13 1.59 -0.49	19.46 1.64 0.00	24.54 2.06 0.00	25.33 2.03 0.00	26.00 2.05 0.00	33.62 2.01 0.00	40.48 2.48 -0.97	31.60 2.10 -0.67	27.93 2.23 -0.93	36.63 2.41 -9.24	26.41 2.12 -0.20	31.06 2.44 -1.30	30.99 2.32 0.15	27.25 2.19 0.00	33.60 2.79 0.02	33.55 2.55 0.00	33.22 2.48 0.14	32.78 2.37 0.00	33.17 2.37 0.07	32.19 2.36 0.53	29.14 1.87 0.00	27.00 1.93 0.00	23.66 1.91 0.00
GREENBSH_115KV_TB3 55895	24.78 0.62 0.00	17.16 0.58 -0.53	18.48 0.66 0.00	23.33 0.85 0.00	24.04 0.73 0.00	24.62 0.67 0.00	31.95 0.34 0.00	37.18 0.15 0.00	28.99 0.16 0.00	24.95 0.18 0.00	25.18 0.20 0.00	24.30 0.22 0.00	27.57 0.24 0.00	29.12 0.29 0.00	25.32 0.26 0.00	31.18 0.37 0.02	31.33 0.33 0.00	31.02 0.29 0.15	30.65 0.23 0.00	30.90 0.11 0.08	29.96 0.17 0.58	27.34 0.07 0.00	25.27 0.21 0.00	22.04 0.30 0.00
GREENDGE_115KV_TB5 80291	24.34 0.18 0.00	16.55 -0.03 -0.52	17.77 -0.05 0.00	22.42 -0.06 0.00	23.22 -0.09 0.00	23.97 0.01 0.00	31.60 -0.02 0.00	36.61 -0.42 0.00	28.27 -0.56 0.00	24.03 -0.75 0.00	24.56 -0.97 -0.55	34.28 -0.85 -11.05	26.30 -1.03 0.00	27.85 -0.97 0.00	24.31 -0.75 0.00	29.86 -0.95 0.02	29.88 -1.11 0.00	29.83 -0.92 0.14	29.60 -0.82 0.00	30.14 -0.65 0.07	29.19 -0.66 0.52	26.58 -0.69 0.00	24.41 -0.66 0.00	21.08 -0.69 -0.03
GREENIDGE___3 23582	24.34 0.18 0.00	16.55 -0.03 -0.52	17.77 -0.05 0.00	22.42 -0.06 0.00	23.22 -0.09 0.00	23.97 0.01 0.00	31.60 -0.02 0.00	36.61 -0.42 0.00	28.27 -0.56 0.00	24.03 -0.75 0.00	24.56 -0.97 -0.55	34.28 -0.85 -11.05	26.30 -1.03 0.00	27.85 -0.97 0.00	24.31 -0.75 0.00	29.86 -0.95 0.02	29.88 -1.11 0.00	29.83 -0.92 0.14	29.60 -0.82 0.00	30.14 -0.65 0.07	29.19 -0.66 0.52	26.58 -0.69 0.00	24.41 -0.66 0.00	21.08 -0.69 -0.03
GREENIDGE___4 23583	24.34 0.18 0.00	16.55 -0.03 -0.52	17.77 -0.05 0.00	22.42 -0.06 0.00	23.22 -0.09 0.00	23.97 0.01 0.00	31.60 -0.01 0.00	36.61 -0.42 0.00	28.27 -0.56 0.00	24.02 -0.75 0.00	24.56 -0.97 -0.55	34.28 -0.85 -11.05	26.30 -1.03 0.00	27.85 -0.97 0.00	24.31 -0.76 0.00	29.87 -0.94 0.02	29.89 -1.11 0.00	29.83 -0.92 0.14	29.60 -0.81 0.00	30.15 -0.64 0.07	29.19 -0.66 0.52	26.58 -0.70 0.00	24.41 -0.66 0.00	21.08 -0.69 -0.03
GREENLWN_69_KV_BK 3 55738	25.81 1.65 0.00	17.84 1.30 -0.49	19.13 1.32 0.00	24.16 1.68 0.00	24.94 1.63 0.00	25.54 1.59 0.00	33.04 1.42 0.00	39.63 1.73 -0.87	30.85 1.47 -0.55	27.27 1.67 -0.83	35.72 1.89 -8.86	25.94 1.67 -0.18	30.36 1.93 -1.11	30.41 1.77 0.18	26.77 1.71 0.00	32.95 2.14 0.02	32.78 1.79 0.00	32.38 1.64 0.14	31.93 1.52 0.00	32.24 1.45 0.07	31.26 1.43 0.53	28.35 1.08 0.00	26.28 1.22 0.00	23.09 1.35 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
GRISSOM___SOLAR 323813	25.50 1.34 0.00	17.49 0.89 -0.55	18.81 0.99 0.00	23.72 1.24 0.00	24.55 1.24 0.00	25.23 1.28 0.00	32.94 1.33 0.00	38.14 1.11 0.00	29.08 0.25 0.00	24.75 -0.03 0.00	24.97 -0.01 0.00	24.31 0.23 0.00	27.70 0.38 0.00	29.34 0.51 0.00	25.28 0.22 0.00	31.28 0.47 0.02	31.75 0.75 0.00	31.77 1.05 0.16	31.51 1.10 0.00	32.05 1.27 0.08	31.11 1.34 0.60	28.49 1.22 0.00	26.09 1.03 0.00	22.64 0.90 0.00
GROVEVILLE___HYD 323602	25.75 1.59 0.00	17.72 1.18 -0.49	19.10 1.28 0.00	24.11 1.63 0.00	24.87 1.56 0.00	25.50 1.54 0.00	33.16 1.55 0.00	38.70 1.67 0.00	30.29 1.45 0.00	26.16 1.39 0.00	26.46 1.48 0.00	25.54 1.46 0.00	28.93 1.61 0.00	30.60 1.78 0.00	26.70 1.64 0.00	32.96 2.15 0.02	33.07 2.07 0.00	32.78 2.03 0.14	32.32 1.90 0.00	32.58 1.79 0.07	31.63 1.80 0.53	28.71 1.43 0.00	26.45 1.39 0.00	23.07 1.32 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
HAMLTNNY_34_KV_TB 80303	24.28 0.12 0.00	16.56 0.02 -0.48	17.83 0.01 0.00	22.48 0.00 0.00	23.28 -0.02 0.00	23.95 -0.01 0.00	31.47 -0.14 0.00	36.51 -0.52 0.00	28.37 -0.47 0.00	24.24 -0.52 0.00	24.36 -0.61 0.00	23.54 -0.55 0.00	26.66 -0.66 0.00	28.16 -0.66 0.00	24.52 -0.54 0.00	30.12 -0.71 0.00	30.19 -0.81 0.00	30.09 -0.76 0.03	29.72 -0.70 0.00	30.15 -0.70 0.02	29.59 -0.64 0.13	26.66 -0.62 0.00	24.44 -0.63 0.00	21.25 -0.50 0.00



HAMPSHIRE___PAPER_HYD 323593	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.73 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.60 -0.23 0.05	29.74 -0.30 0.32	27.08 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
HARDSCRABBLE_WT_PWR 323673	24.80 0.64 0.00	17.58 0.57 -0.96	18.47 0.65 0.00	23.28 0.81 0.00	24.01 0.70 0.00	24.64 0.69 0.00	31.84 0.22 0.00	36.81 -0.22 0.00	28.39 -0.44 0.00	24.30 -0.47 0.00	24.66 -0.31 0.00	23.96 -0.12 0.00	27.10 -0.23 0.00	28.65 -0.17 0.00	24.80 -0.26 0.00	30.72 -0.09 0.03	31.02 0.02 0.00	30.85 0.15 0.19	30.55 0.13 0.00	30.85 0.08 0.10	29.85 0.19 0.71	27.41 0.14 0.00	25.26 0.20 0.00	22.00 0.25 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	25.57 1.41 0.00	17.57 1.05 -0.47	18.93 1.11 0.00	23.90 1.42 0.00	24.68 1.37 0.00	25.31 1.36 0.00	32.97 1.36 0.00	38.47 1.44 0.00	30.09 1.26 0.00	26.01 1.24 0.00	26.32 1.34 0.00	25.41 1.32 0.00	28.79 1.47 0.00	30.49 1.67 0.00	26.61 1.55 0.00	32.85 2.04 0.02	32.93 1.93 0.00	32.68 1.94 0.14	32.17 1.76 0.00	32.43 1.63 0.07	31.50 1.65 0.52	28.54 1.27 0.00	26.28 1.22 0.00	22.91 1.16 0.00
HARSNRAD_115KV_TB1 81005	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.05 -0.77 0.00	21.47 -1.01 0.00	22.18 -1.13 0.00	22.98 -0.97 0.00	30.48 -1.13 0.00	35.26 -1.77 0.00	27.43 -1.41 0.00	23.07 -1.70 0.00	22.84 -1.79 0.34	15.80 -1.45 6.84	25.38 -1.95 0.00	26.90 -1.92 0.00	23.53 -1.54 0.00	28.60 -2.21 0.02	28.27 -2.73 0.00	28.07 -2.65 0.16	27.85 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.17 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.02
HARZA MOOSE___RIVER 24016	24.26 0.10 0.00	15.98 -0.07 0.00	17.73 -0.09 0.00	22.53 0.05 0.00	23.40 0.09 0.00	24.22 0.27 0.00	31.81 0.19 0.00	37.26 0.23 0.00	29.00 0.17 0.00	24.88 0.11 0.00	24.89 -0.08 0.00	23.90 -0.18 0.00	26.99 -0.33 0.00	28.24 -0.58 0.00	24.42 -0.64 0.00	30.07 -0.74 0.02	30.31 -0.69 0.00	30.24 -0.50 0.14	30.22 -0.19 0.00	30.94 0.14 0.07	30.01 0.17 0.51	27.29 0.01 0.00	24.83 -0.23 0.00	21.47 -0.28 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	24.25 0.09 0.00	16.57 0.04 -0.49	17.87 0.05 0.00	22.56 0.08 0.00	23.33 0.03 0.00	23.99 0.03 0.00	31.43 -0.19 0.00	36.45 -0.58 0.00	28.38 -0.45 0.00	24.32 -0.45 0.00	24.45 -0.53 0.00	23.62 -0.46 0.00	26.75 -0.57 0.00	28.28 -0.55 0.00	24.57 -0.49 0.00	30.14 -0.67 0.02	30.22 -0.78 0.00	30.00 -0.74 0.11	29.67 -0.71 0.00	30.10 -0.71 0.06	29.27 -0.68 0.42	26.61 -0.67 0.00	24.47 -0.60 0.00	21.34 -0.41 0.00
HELLGATE_13_KV_LD 55870	26.01 1.85 0.00	17.92 1.38 -0.49	19.29 1.47 0.00	24.30 1.82 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.40 1.78 0.00	39.01 1.97 0.00	30.66 1.82 0.00	26.53 1.76 0.00	26.87 1.90 0.00	25.92 1.83 0.00	29.34 2.01 0.00	30.99 2.17 0.00	27.07 2.01 0.00	33.41 2.60 0.02	33.44 2.44 0.00	33.14 2.40 0.14	32.60 2.19 0.00	32.85 2.06 0.07	31.87 2.04 0.53	28.89 1.62 0.00	26.64 1.58 0.00	23.31 1.56 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	26.01 1.85 0.00	17.92 1.38 -0.49	19.29 1.47 0.00	24.30 1.82 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.40 1.78 0.00	39.01 1.97 0.00	30.66 1.82 0.00	26.53 1.76 0.00	26.87 1.90 0.00	25.92 1.83 0.00	29.34 2.01 0.00	30.99 2.17 0.00	27.07 2.01 0.00	33.41 2.60 0.02	33.44 2.44 0.00	33.14 2.40 0.14	32.60 2.19 0.00	32.85 2.06 0.07	31.87 2.04 0.53	28.89 1.62 0.00	26.64 1.58 0.00	23.31 1.56 0.00
HEMPSTEAD___ 23647	25.86 1.70 0.00	17.86 1.31 -0.49	19.18 1.36 0.00	24.23 1.74 0.00	25.01 1.70 0.00	25.65 1.69 0.00	33.28 1.66 0.00	42.84 2.00 -3.82	34.23 1.68 -3.72	30.16 1.73 -3.65	48.28 1.88 -21.43	26.54 1.67 -0.79	35.72 1.88 -6.51	31.13 1.88 -0.43	26.86 1.80 0.00	33.11 2.30 0.02	33.10 2.10 0.00	32.75 2.01 0.14	32.30 1.88 0.00	32.58 1.79 0.07	31.61 1.78 0.53	28.67 1.40 0.00	26.52 1.45 0.00	23.24 1.48 -0.01
HICKLING___1 23621	24.43 0.28 0.00	16.62 0.03 -0.53	17.83 0.01 0.00	22.55 0.07 0.00	23.33 0.02 0.00	24.06 0.11 0.00	31.69 0.08 0.00	36.63 -0.40 0.00	28.30 -0.53 0.00	24.15 -0.62 0.00	24.32 -0.83 -0.18	27.02 -0.69 -3.62	26.50 -0.83 0.00	28.07 -0.76 0.00	24.52 -0.55 0.00	30.09 -0.72 0.02	30.10 -0.90 0.00	29.96 -0.77 0.15	29.57 -0.84 0.00	30.17 -0.62 0.08	29.12 -0.67 0.57	26.57 -0.71 0.00	24.46 -0.60 0.00	21.07 -0.68 -0.01
HICKLING___2 23622	24.43 0.28 0.00	16.62 0.03 -0.53	17.83 0.01 0.00	22.55 0.07 0.00	23.33 0.02 0.00	24.06 0.11 0.00	31.69 0.08 0.00	36.63 -0.40 0.00	28.30 -0.53 0.00	24.15 -0.62 0.00	24.32 -0.83 -0.18	27.02 -0.69 -3.62	26.50 -0.83 0.00	28.07 -0.76 0.00	24.52 -0.55 0.00	30.09 -0.72 0.02	30.10 -0.90 0.00	29.96 -0.77 0.15	29.57 -0.84 0.00	30.17 -0.62 0.08	29.12 -0.67 0.57	26.57 -0.71 0.00	24.46 -0.60 0.00	21.07 -0.68 -0.01
HIGH FALLS___HY 23754	25.69 1.54 0.00	17.66 1.13 -0.48	19.02 1.20 0.00	24.01 1.53 0.00	24.80 1.49 0.00	25.43 1.48 0.00	33.13 1.51 0.00	38.67 1.64 0.00	30.27 1.44 0.00	26.15 1.39 0.00	26.40 1.43 0.00	25.43 1.35 0.00	28.79 1.47 0.00	30.43 1.61 0.00	26.58 1.51 0.00	32.90 2.09 0.02	33.12 2.12 0.00	32.86 2.12 0.14	32.41 1.99 0.00	32.69 1.89 0.07	31.73 1.90 0.53	28.76 1.48 0.00	26.48 1.41 0.00	23.07 1.33 0.00
HIGH_RIVER___SOLAR 323847	25.20 1.04 0.00	17.33 0.73 -0.55	18.65 0.83 0.00	23.54 1.06 0.00	24.33 1.02 0.00	24.97 1.01 0.00	32.54 0.93 0.00	37.74 0.71 0.00	29.12 0.28 0.00	24.86 0.09 0.00	25.04 0.07 0.00	24.24 0.15 0.00	27.54 0.21 0.00	29.11 0.28 0.00	25.12 0.06 0.00	31.18 0.37 0.02	31.46 0.46 0.00	31.41 0.69 0.16	31.14 0.73 0.00	31.59 0.80 0.08	30.66 0.89 0.60	28.04 0.77 0.00	25.75 0.69 0.00	22.41 0.66 0.00
HILLBURN___GT 23639	25.53 1.37 0.00	17.56 1.04 -0.47	18.91 1.10 0.00	23.88 1.41 0.00	24.66 1.35 0.00	25.29 1.33 0.00	32.93 1.32 0.00	38.43 1.40 0.00	30.06 1.22 0.00	25.99 1.23 0.00	26.32 1.35 0.00	25.38 1.30 0.00	28.77 1.45 0.00	30.45 1.63 0.00	26.59 1.53 0.00	32.84 2.03 0.02	32.88 1.88 0.00	32.59 1.85 0.14	32.08 1.67 0.00	32.32 1.53 0.07	31.39 1.54 0.52	28.44 1.17 0.00	26.21 1.15 0.00	22.86 1.11 0.00
HILLSIDE_115KV_TB1 80332	24.14 -0.02 0.00	16.49 -0.09 -0.53	17.72 -0.10 0.00	22.41 -0.07 0.00	23.14 -0.17 0.00	23.85 -0.11 0.00	31.30 -0.32 0.00	36.19 -0.85 0.00	28.06 -0.78 0.00	24.07 -0.70 0.00	24.27 -0.86 -0.15	26.44 -0.73 -3.08	26.39 -0.93 0.00	27.93 -0.89 0.00	24.37 -0.69 0.02	29.83 -0.98 0.00	29.82 -1.17 0.00	29.58 -1.15 0.15	29.15 -1.27 0.00	29.71 -1.08 0.08	28.68 -1.10 0.58	26.24 -1.04 0.00	24.16 -0.90 0.00	20.93 -0.82 -0.01



HISHELDN_WT_PWR 323625	23.72 -0.43 0.00	15.96 -0.62 -0.53	17.17 -0.65 0.00	21.69 -0.79 0.00	22.43 -0.88 0.00	23.16 -0.80 0.00	30.64 -0.97 0.00	35.44 -1.59 0.00	27.34 -1.50 0.00	23.10 -1.67 0.00	21.84 -1.84 1.30	-3.50 -1.59 25.99	25.34 -1.99 0.00	26.89 -1.94 0.00	23.60 -1.46 0.00	28.90 -1.90 0.02	28.74 -2.25 0.00	28.59 -2.14 0.16	28.30 -2.11 0.00	28.86 -1.92 0.08	27.88 -1.88 0.60	25.47 -1.81 0.00	23.38 -1.68 0.00	19.91 -1.78 0.06
HOLTSVILLE_IC_1 23690	25.92 1.76 0.00	17.96 1.42 -0.49	19.26 1.43 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.71 1.75 0.00	33.20 1.58 0.00	39.59 1.91 -0.65	30.76 1.62 -0.31	27.28 1.89 -0.62	34.96 2.06 -7.93	25.99 1.78 -0.13	29.99 1.97 -0.70	30.48 1.88 0.22	26.88 1.82 0.00	33.15 2.34 0.02	33.09 2.09 0.00	32.78 2.04 0.14	32.35 1.94 0.00	32.73 1.94 0.07	31.74 1.91 0.53	28.75 1.48 0.00	26.66 1.60 0.00	23.37 1.63 0.00
HOLTSVILLE_IC_10 23699	26.01 1.86 0.00	18.03 1.49 -0.49	19.33 1.51 0.00	24.38 1.90 0.00	25.18 1.87 0.00	25.80 1.85 0.00	33.31 1.70 0.00	39.83 2.07 -0.73	30.98 1.75 -0.39	27.47 2.01 -0.70	35.40 2.19 -8.24	26.13 1.89 -0.15	30.26 2.09 -0.84	30.63 2.01 0.21	27.00 1.93 0.00	33.29 2.48 0.02	33.23 2.24 0.00	32.94 2.19 0.14	32.51 2.10 0.00	32.90 2.11 0.07	31.90 2.07 0.53	28.89 1.61 0.00	26.78 1.72 0.00	23.46 1.72 0.00
HOLTSVILLE_IC_2 23691	25.92 1.76 0.00	17.96 1.42 -0.49	19.26 1.43 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.71 1.75 0.00	33.20 1.58 0.00	39.59 1.91 -0.65	30.76 1.62 -0.31	27.28 1.89 -0.62	34.96 2.06 -7.93	25.99 1.78 -0.13	29.99 1.97 -0.70	30.48 1.88 0.22	26.88 1.82 0.00	33.15 2.34 0.02	33.09 2.09 0.00	32.78 2.04 0.14	32.35 1.94 0.00	32.73 1.94 0.07	31.74 1.91 0.53	28.75 1.48 0.00	26.66 1.60 0.00	23.37 1.63 0.00
HOLTSVILLE_IC_3 23692	25.92 1.76 0.00	17.96 1.42 -0.49	19.26 1.43 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.71 1.75 0.00	33.20 1.58 0.00	39.59 1.91 -0.65	30.76 1.62 -0.31	27.28 1.89 -0.62	34.96 2.06 -7.93	25.99 1.78 -0.13	29.99 1.97 -0.70	30.48 1.88 0.22	26.88 1.82 0.00	33.15 2.34 0.02	33.09 2.09 0.00	32.78 2.04 0.14	32.35 1.94 0.00	32.73 1.94 0.07	31.74 1.91 0.53	28.75 1.48 0.00	26.66 1.60 0.00	23.37 1.63 0.00
HOLTSVILLE_IC_4 23693	25.92 1.76 0.00	17.96 1.42 -0.49	19.26 1.43 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.71 1.75 0.00	33.20 1.58 0.00	39.59 1.91 -0.65	30.76 1.62 -0.31	27.28 1.89 -0.62	34.96 2.06 -7.93	25.99 1.78 -0.13	29.99 1.97 -0.70	30.48 1.88 0.22	26.88 1.82 0.00	33.15 2.34 0.02	33.09 2.09 0.00	32.78 2.04 0.14	32.35 1.94 0.00	32.73 1.94 0.07	31.74 1.91 0.53	28.75 1.48 0.00	26.66 1.60 0.00	23.37 1.63 0.00
HOLTSVILLE_IC_5 23694	25.92 1.76 0.00	17.96 1.42 -0.49	19.26 1.43 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.71 1.75 0.00	33.20 1.58 0.00	39.59 1.91 -0.65	30.76 1.62 -0.31	27.28 1.89 -0.62	34.96 2.06 -7.93	25.99 1.78 -0.13	29.99 1.97 -0.70	30.48 1.88 0.22	26.88 1.82 0.00	33.15 2.34 0.02	33.09 2.09 0.00	32.78 2.04 0.14	32.35 1.94 0.00	32.73 1.94 0.07	31.74 1.91 0.53	28.75 1.48 0.00	26.66 1.60 0.00	23.37 1.63 0.00
HOLTSVILLE_IC_6 23695	26.01 1.86 0.00	18.03 1.49 -0.49	19.33 1.51 0.00	24.38 1.90 0.00	25.18 1.87 0.00	25.80 1.85 0.00	33.31 1.70 0.00	39.83 2.07 -0.73	30.98 1.75 -0.39	27.47 2.01 -0.70	35.40 2.19 -8.24	26.13 1.89 -0.15	30.26 2.09 -0.84	30.63 2.01 0.21	27.00 1.93 0.00	33.29 2.48 0.02	33.23 2.24 0.00	32.94 2.19 0.14	32.51 2.10 0.00	32.90 2.11 0.07	31.90 2.07 0.53	28.89 1.61 0.00	26.78 1.72 0.00	23.46 1.72 0.00
HOLTSVILLE_IC_7 23696	26.01 1.86 0.00	18.03 1.49 -0.49	19.33 1.51 0.00	24.38 1.90 0.00	25.18 1.87 0.00	25.80 1.85 0.00	33.31 1.70 0.00	39.83 2.07 -0.73	30.98 1.75 -0.39	27.47 2.01 -0.70	35.40 2.19 -8.24	26.13 1.89 -0.15	30.26 2.09 -0.84	30.63 2.01 0.21	27.00 1.93 0.00	33.29 2.48 0.02	33.23 2.24 0.00	32.94 2.19 0.14	32.51 2.10 0.00	32.90 2.11 0.07	31.90 2.07 0.53	28.89 1.61 0.00	26.78 1.72 0.00	23.46 1.72 0.00
HOLTSVILLE_IC_8 23697	26.01 1.86 0.00	18.03 1.49 -0.49	19.33 1.51 0.00	24.38 1.90 0.00	25.18 1.87 0.00	25.80 1.85 0.00	33.31 1.70 0.00	39.83 2.07 -0.73	30.98 1.75 -0.39	27.47 2.01 -0.70	35.40 2.19 -8.24	26.13 1.89 -0.15	30.26 2.09 -0.84	30.63 2.01 0.21	27.00 1.93 0.00	33.29 2.48 0.02	33.23 2.24 0.00	32.94 2.19 0.14	32.51 2.10 0.00	32.90 2.11 0.07	31.90 2.07 0.53	28.89 1.61 0.00	26.78 1.72 0.00	23.46 1.72 0.00
HOLTSVILLE_IC_9 23698	26.01 1.86 0.00	18.03 1.49 -0.49	19.33 1.51 0.00	24.38 1.90 0.00	25.18 1.87 0.00	25.80 1.85 0.00	33.31 1.70 0.00	39.83 2.07 -0.73	30.98 1.75 -0.39	27.47 2.01 -0.70	35.40 2.19 -8.24	26.13 1.89 -0.15	30.26 2.09 -0.84	30.63 2.01 0.21	27.00 1.93 0.00	33.29 2.48 0.02	33.23 2.24 0.00	32.94 2.19 0.14	32.51 2.10 0.00	32.90 2.11 0.07	31.90 2.07 0.53	28.89 1.61 0.00	26.78 1.72 0.00	23.46 1.72 0.00
HOMER_HL_115KV_TB2 355744	24.49 0.34 0.00	16.62 0.04 -0.53	17.89 0.07 0.00	22.60 0.12 0.00	23.37 0.07 0.00	24.16 0.20 0.00	31.94 0.32 0.00	36.99 -0.04 0.00	28.72 -0.12 0.00	24.39 -0.38 0.00	24.23 -0.66 0.08	21.99 -0.52 1.58	26.58 -0.74 0.00	28.05 -0.77 0.00	24.51 -0.55 0.00	29.85 -0.96 0.02	29.62 -1.38 0.00	29.30 -1.42 0.16	28.93 -1.49 0.00	29.46 -1.33 0.08	28.51 -1.25 0.60	26.04 -1.24 0.00	23.89 -1.17 0.00	20.58 -1.16 0.00
HOWARD_WT_PWR 323690	24.35 0.20 0.00	16.39 -0.19 -0.53	17.28 -0.54 0.00	21.58 -0.90 0.00	22.62 -0.69 0.00	23.64 -0.32 0.00	31.58 -0.03 0.00	37.18 0.15 0.00	28.71 -0.12 0.00	23.59 -1.18 0.00	24.39 -1.76 -1.17	46.07 -1.52 -23.51	25.63 -1.69 0.00	27.20 -1.63 0.00	23.83 -1.23 0.00	29.36 -1.45 0.02	29.36 -1.64 0.00	29.26 -1.47 0.15	28.88 -1.53 0.00	29.56 -1.23 0.08	28.51 -1.28 0.57	25.87 -1.41 0.00	24.02 -1.05 0.00	20.52 -1.28 -0.05
HQ_GEN_CEDARS 23644	23.46 -0.70 0.00	10.55 -0.57 4.93	17.20 -0.62 0.00	21.70 -0.78 0.00	22.60 -0.71 0.00	23.37 -0.59 0.00	31.42 -0.20 0.00	37.57 0.54 0.00	29.13 0.30 0.00	25.01 0.24 0.00	25.19 0.22 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.13 0.00	25.13 0.07 0.00	30.92 0.09 0.01	31.29 0.29 0.00	31.06 0.24 0.07	30.77 0.36 0.00	31.37 0.54 0.04	30.38 0.27 0.25	27.85 0.58 0.00	25.44 0.38 0.00	21.68 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	23.46 -0.70 0.00	10.55 -0.57 4.93	17.20 -0.62 0.00	21.70 -0.78 0.00	22.60 -0.71 0.00	21.00 -0.59 2.37	30.14 -0.20 1.28	39.29 0.54 -1.72	29.13 0.30 0.00	25.01 0.24 0.00	25.19 0.22 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.13 0.00	25.13 0.07 0.00	30.92 0.09 0.01	31.29 0.29 0.00	31.06 0.24 0.07	30.77 0.36 0.00	31.37 0.54 0.04	30.38 0.27 0.25	27.86 0.58 0.00	25.44 0.38 0.00	21.34 -0.07 0.34



HQ_GEN_IMPORT 323601	23.87 -0.28 0.00	14.65 -0.23 1.17	17.55 -0.27 0.00	22.12 -0.36 0.00	23.02 -0.29 0.00	23.70 -0.25 0.00	31.61 0.00 0.00	37.29 0.26 0.00	29.02 0.18 0.00	24.90 0.13 0.00	25.11 0.14 0.00	24.19 0.10 0.00	27.48 0.16 0.00	28.96 0.13 0.00	25.16 0.10 0.00	30.95 0.13 0.00	31.20 0.20 0.00	31.05 0.19 0.03	30.64 0.22 0.00	31.12 0.27 0.01	30.49 0.22 0.10	27.54 0.27 0.00	25.63 0.20 -0.36	21.67 0.07 0.15
HQ_GEN_WHEEL 23651	23.87 -0.28 0.00	14.65 -0.23 1.17	17.55 -0.27 0.00	22.12 -0.36 0.00	23.02 -0.29 0.00	23.70 -0.25 0.00	31.61 0.00 0.00	37.29 0.26 0.00	29.02 0.18 0.00	24.90 0.13 0.00	25.11 0.14 0.00	24.19 0.10 0.00	27.48 0.16 0.00	28.96 0.13 0.00	25.16 0.10 0.00	30.95 0.13 0.00	31.20 0.20 0.00	31.05 0.19 0.03	30.64 0.22 0.00	31.12 0.27 0.01	30.49 0.22 0.10	27.54 0.27 0.00	25.63 0.20 -0.36	21.67 0.07 0.15
HUDSON AVE_GT_3 23810	25.83 1.67 0.00	17.80 1.27 -0.49	19.15 1.34 0.00	24.17 1.69 0.00	24.94 1.63 0.00	25.57 1.61 0.00	33.26 1.64 0.00	38.83 1.80 0.00	30.49 1.65 0.00	26.40 1.63 0.00	26.74 1.76 0.00	25.78 1.70 0.00	29.19 1.87 0.00	30.84 2.01 0.00	26.92 1.86 0.00	33.25 2.45 0.02	33.27 2.28 0.00	32.97 2.23 0.14	32.47 2.06 0.00	32.71 1.91 0.07	31.73 1.90 0.53	28.78 1.50 0.00	26.53 1.46 0.00	23.20 1.45 0.00
HUDSON AVE_GT_4 23540	25.83 1.67 0.00	17.80 1.27 -0.49	19.15 1.34 0.00	24.17 1.69 0.00	24.94 1.63 0.00	25.57 1.61 0.00	33.26 1.64 0.00	38.83 1.80 0.00	30.49 1.65 0.00	26.40 1.63 0.00	26.74 1.76 0.00	25.78 1.70 0.00	29.19 1.87 0.00	30.84 2.01 0.00	26.92 1.86 0.00	33.25 2.45 0.02	33.27 2.28 0.00	32.97 2.23 0.14	32.47 2.06 0.00	32.71 1.91 0.07	31.73 1.90 0.53	28.78 1.50 0.00	26.53 1.46 0.00	23.20 1.45 0.00
HUDSON AVE_GT_5 23657	25.83 1.67 0.00	17.80 1.27 -0.49	19.15 1.34 0.00	24.17 1.69 0.00	24.94 1.63 0.00	25.57 1.61 0.00	33.26 1.64 0.00	38.83 1.80 0.00	30.49 1.65 0.00	26.40 1.63 0.00	26.74 1.76 0.00	25.78 1.70 0.00	29.19 1.87 0.00	30.84 2.01 0.00	26.92 1.86 0.00	33.25 2.45 0.02	33.27 2.28 0.00	32.97 2.23 0.14	32.47 2.06 0.00	32.71 1.91 0.07	31.73 1.90 0.53	28.78 1.50 0.00	26.53 1.46 0.00	23.20 1.45 0.00
HUDSON_AVE_10 24168	25.74 1.58 0.00	17.76 1.22 -0.49	19.10 1.28 0.00	24.10 1.62 0.00	24.86 1.55 0.00	25.47 1.51 0.00	33.12 1.50 0.00	38.64 1.61 0.00	30.35 1.52 0.00	26.26 1.50 0.00	26.59 1.62 0.00	25.65 1.56 0.00	29.03 1.71 0.00	30.68 1.86 0.00	26.77 1.71 0.01	33.06 2.26 0.03	33.09 2.10 0.01	32.79 2.05 0.15	32.32 1.90 0.00	32.55 1.75 0.07	31.57 1.74 0.53	28.63 1.36 0.01	26.39 1.33 0.00	23.10 1.36 0.00
HUDSON___115KV_TB 4 355613	25.20 1.05 0.00	17.41 0.83 -0.52	18.76 0.95 0.00	23.69 1.22 0.00	24.42 1.11 0.00	25.03 1.08 0.00	32.54 0.93 0.00	37.88 0.85 0.00	29.35 0.52 0.00	25.17 0.40 0.00	25.37 0.39 0.00	24.50 0.42 0.00	27.78 0.46 0.00	29.46 0.63 0.00	25.60 0.54 0.00	31.57 0.77 0.02	31.73 0.73 0.00	31.73 1.00 0.15	31.33 0.92 0.00	31.64 0.85 0.08	30.70 0.91 0.57	28.02 0.75 0.00	25.84 0.78 0.00	22.49 0.74 0.00
HUNTER MOUNT___DRP 323613	25.29 1.13 0.00	17.45 0.88 -0.52	18.82 1.00 0.00	23.77 1.29 0.00	24.49 1.19 0.00	25.12 1.16 0.00	32.67 1.06 0.00	38.03 1.00 0.00	29.44 0.60 0.00	25.19 0.42 0.00	25.39 0.42 0.00	24.53 0.45 0.00	27.83 0.51 0.00	29.51 0.69 0.00	25.66 0.61 0.00	31.67 0.86 0.02	31.85 0.86 0.00	31.89 1.15 0.15	31.49 1.08 0.00	31.79 1.01 0.08	30.87 1.07 0.56	28.17 0.90 0.00	25.97 0.91 0.00	22.58 0.84 0.00
HUNTINGTON_RES_REC 323705	25.89 1.73 0.00	17.91 1.37 -0.49	19.21 1.39 0.00	24.23 1.75 0.00	25.01 1.70 0.00	25.63 1.67 0.00	33.12 1.50 0.00	39.61 1.82 -0.75	30.82 1.56 -0.42	27.30 1.81 -0.72	35.36 2.01 -8.38	26.00 1.76 -0.16	30.17 1.96 -0.89	30.49 1.87 0.20	26.85 1.79 0.00	33.07 2.26 0.02	32.95 1.96 0.00	32.61 1.87 0.14	32.20 1.79 0.00	32.53 1.74 0.07	31.54 1.70 0.53	28.59 1.31 0.00	26.50 1.44 0.00	23.24 1.50 0.00
HUNTLEY___63 23557	23.86 -0.29 0.00	16.02 -0.56 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.90 0.00	23.21 -0.74 0.00	30.80 -0.81 0.00	35.62 -1.41 0.00	27.70 -1.14 0.00	23.34 -1.43 0.00	23.12 -1.52 0.34	16.08 -1.22 6.78	25.69 -1.64 0.00	27.26 -1.57 0.00	23.81 -1.25 0.00	28.92 -1.89 0.02	28.60 -2.40 0.00	28.37 -2.35 0.16	28.12 -2.29 0.00	28.67 -2.11 0.08	27.73 -2.02 0.61	25.40 -1.87 0.00	23.22 -1.84 0.00	19.84 -1.89 0.02
HUNTLEY___64 23558	23.86 -0.29 0.00	16.02 -0.56 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.90 0.00	23.21 -0.74 0.00	30.80 -0.81 0.00	35.62 -1.41 0.00	27.70 -1.14 0.00	23.34 -1.43 0.00	23.12 -1.52 0.34	16.08 -1.22 6.78	25.69 -1.64 0.00	27.26 -1.57 0.00	23.81 -1.25 0.00	28.92 -1.89 0.02	28.60 -2.40 0.00	28.37 -2.35 0.16	28.12 -2.29 0.00	28.67 -2.11 0.08	27.73 -2.02 0.61	25.40 -1.87 0.00	23.22 -1.84 0.00	19.84 -1.89 0.02
HUNTLEY___65 23559	23.86 -0.29 0.00	16.02 -0.56 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.90 0.00	23.21 -0.74 0.00	30.80 -0.81 0.00	35.62 -1.41 0.00	27.70 -1.14 0.00	23.34 -1.43 0.00	23.12 -1.52 0.34	16.08 -1.22 6.78	25.69 -1.64 0.00	27.26 -1.57 0.00	23.81 -1.25 0.00	28.92 -1.89 0.02	28.60 -2.40 0.00	28.37 -2.35 0.16	28.12 -2.29 0.00	28.67 -2.11 0.08	27.73 -2.02 0.61	25.40 -1.87 0.00	23.22 -1.84 0.00	19.84 -1.89 0.02
HUNTLEY___66 23560	23.86 -0.29 0.00	16.02 -0.56 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.90 0.00	23.21 -0.74 0.00	30.80 -0.81 0.00	35.62 -1.41 0.00	27.70 -1.14 0.00	23.34 -1.43 0.00	23.12 -1.52 0.34	16.08 -1.22 6.78	25.69 -1.64 0.00	27.26 -1.57 0.00	23.81 -1.25 0.00	28.92 -1.89 0.02	28.60 -2.40 0.00	28.37 -2.35 0.16	28.12 -2.29 0.00	28.67 -2.11 0.08	27.73 -2.02 0.61	25.40 -1.87 0.00	23.22 -1.84 0.00	19.84 -1.89 0.02
HUNTLEY___67 23561	23.69 -0.46 0.00	15.93 -0.65 -0.53	17.15 -0.67 0.00	21.59 -0.88 0.00	22.29 -1.01 0.00	23.08 -0.88 0.00	30.61 -1.00 0.00	35.46 -1.57 0.00	27.61 -1.23 0.00	23.29 -1.48 0.00	23.06 -1.58 0.33	16.01 -1.36 6.71	25.63 -1.70 0.00	27.17 -1.65 0.00	23.74 -1.32 0.00	28.86 -1.95 0.02	28.53 -2.47 0.00	28.28 -2.44 0.16	28.02 -2.39 0.00	28.56 -2.22 0.08	27.61 -2.14 0.61	25.29 -1.98 0.00	23.13 -1.93 0.00	19.77 -1.97 0.02
HUNTLEY___68 23562	23.69 -0.46 0.00	15.93 -0.65 -0.53	17.15 -0.67 0.00	21.59 -0.88 0.00	22.29 -1.01 0.00	23.08 -0.88 0.00	30.61 -1.00 0.00	35.46 -1.57 0.00	27.61 -1.23 0.00	23.29 -1.48 0.00	23.06 -1.58 0.33	16.01 -1.36 6.71	25.63 -1.70 0.00	27.17 -1.65 0.00	23.74 -1.32 0.00	28.86 -1.95 0.02	28.53 -2.47 0.00	28.28 -2.44 0.16	28.02 -2.39 0.00	28.56 -2.22 0.08	27.61 -2.14 0.61	25.29 -1.98 0.00	23.13 -1.93 0.00	19.77 -1.97 0.02



HYLAND___LFGE 323620	24.86 0.70 0.00	16.76 0.19 -0.53	18.03 0.21 0.00	22.75 0.27 0.00	23.58 0.27 0.00	24.40 0.45 0.00	32.33 0.72 0.00	37.05 0.01 0.00	28.04 -0.79 0.00	23.76 -1.01 0.00	25.11 -1.17 -1.31	49.24 -1.03 -26.19	26.13 -1.19 0.00	27.73 -1.10 0.00	24.21 -0.85 0.00	29.82 -0.99 0.02	29.71 -1.29 0.00	30.07 -0.66 0.15	30.01 -0.41 0.00	30.71 -0.07 0.08	29.82 0.03 0.58	27.15 -0.13 0.00	24.88 -0.18 0.00	21.34 -0.47 -0.06
INDECK___CORINTH 23802	25.55 1.39 0.00	17.59 1.00 -0.54	18.94 1.12 0.00	23.92 1.44 0.00	24.67 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.23 1.20 0.00	29.74 0.91 0.00	25.47 0.71 0.00	25.70 0.73 0.00	24.94 0.85 0.00	28.35 1.03 0.00	29.93 1.10 0.00	25.89 0.82 0.00	31.87 1.06 0.02	32.22 1.22 0.00	31.95 1.22 0.16	31.62 1.21 0.00	32.00 1.21 0.08	31.13 1.36 0.60	28.44 1.17 0.00	26.17 1.11 0.00	22.77 1.03 0.00
INDECK___ILION 23567	24.64 0.48 0.00	17.43 0.42 -0.96	18.30 0.48 0.00	23.10 0.62 0.00	23.84 0.53 0.00	24.46 0.51 0.00	31.75 0.14 0.00	36.81 -0.22 0.00	28.53 -0.31 0.00	24.49 -0.28 0.00	24.75 -0.23 0.00	23.98 -0.11 0.00	27.17 -0.16 0.00	28.70 -0.13 0.00	24.89 -0.17 0.00	30.71 -0.09 0.03	30.94 -0.05 0.00	30.72 0.02 0.19	30.43 0.01 0.00	30.74 -0.03 0.10	29.71 0.05 0.71	27.27 0.00 0.00	25.11 0.05 0.00	21.86 0.11 0.00
INDECK___OLEAN 23982	24.49 0.34 0.00	16.62 0.04 -0.53	17.89 0.08 0.00	22.60 0.12 0.00	23.37 0.06 0.00	24.16 0.20 0.00	31.94 0.33 0.00	36.99 -0.04 0.00	28.72 -0.12 0.00	24.39 -0.38 0.08	24.24 -0.66 1.58	22.00 -0.51 0.00	26.58 -0.74 0.00	28.05 -0.77 0.00	24.51 -0.55 0.00	29.85 -0.96 0.02	29.63 -1.37 0.00	29.30 -1.43 0.16	28.93 -1.48 0.00	29.46 -1.32 0.08	28.51 -1.25 0.60	26.03 -1.25 0.00	23.89 -1.17 0.00	20.58 -1.16 0.00
INDECK___OSWEGO 23783	23.80 -0.36 0.00	16.17 -0.27 -0.38	17.53 -0.28 0.00	22.14 -0.34 0.00	22.92 -0.38 0.00	23.56 -0.39 0.00	30.88 -0.73 0.00	35.86 -1.17 0.00	27.93 -0.90 0.00	23.93 -0.83 0.00	24.08 -0.89 0.00	23.23 -0.85 0.00	26.30 -1.03 0.00	27.71 -1.11 0.00	24.07 -0.99 0.00	29.55 -1.28 -0.01	29.67 -1.33 0.00	29.66 -1.28 -0.05	29.20 -1.21 0.00	29.72 -1.18 -0.03	29.46 -1.12 -0.21	26.24 -1.04 0.00	24.09 -0.97 0.00	21.01 -0.74 0.00
INDECK___YERKES 23781	23.89 -0.27 0.00	16.04 -0.55 -0.53	17.25 -0.57 0.00	21.72 -0.76 0.00	22.43 -0.88 0.00	23.23 -0.72 0.00	30.83 -0.79 0.00	35.66 -1.37 0.00	27.72 -1.12 0.00	23.36 -1.41 0.00	23.14 -1.49 0.34	16.13 -1.17 6.78	25.71 -1.61 0.00	27.29 -1.54 0.00	23.83 -1.23 0.00	28.95 -1.86 0.02	28.64 -2.36 0.00	28.40 -2.32 0.16	28.16 -2.25 0.00	28.71 -2.08 0.08	27.77 -1.99 0.61	25.42 -1.85 0.00	23.24 -1.82 0.00	19.87 -1.86 0.02
INDIAN POINT_GT_1 24139	25.59 1.43 0.00	17.63 1.09 -0.49	18.98 1.16 0.00	23.96 1.48 0.00	24.72 1.42 0.00	25.34 1.39 0.00	32.95 1.34 0.00	38.45 1.42 0.00	30.11 1.28 0.00	26.05 1.29 0.00	26.37 1.40 0.00	25.43 1.35 0.00	28.82 1.49 0.00	30.46 1.64 0.00	26.58 1.52 0.00	32.82 2.01 0.02	32.86 1.86 0.00	32.57 1.83 0.14	32.09 1.68 0.00	32.33 1.54 0.07	31.38 1.54 0.53	28.48 1.20 0.00	26.25 1.19 0.00	22.93 1.18 0.00
INDIAN POINT_GT_2 23659	25.59 1.43 0.00	17.63 1.09 -0.49	18.98 1.16 0.00	23.96 1.48 0.00	24.72 1.42 0.00	25.34 1.39 0.00	32.95 1.34 0.00	38.45 1.42 0.00	30.11 1.28 0.00	26.05 1.29 0.00	26.37 1.40 0.00	25.43 1.35 0.00	28.82 1.49 0.00	30.46 1.64 0.00	26.58 1.52 0.00	32.82 2.01 0.02	32.86 1.86 0.00	32.57 1.83 0.14	32.09 1.68 0.00	32.33 1.54 0.07	31.38 1.54 0.53	28.48 1.20 0.00	26.25 1.19 0.00	22.93 1.18 0.00
INDIAN POINT_GT_3 24019	25.59 1.43 0.00	17.63 1.09 -0.49	18.98 1.16 0.00	23.96 1.48 0.00	24.72 1.42 0.00	25.34 1.39 0.00	32.95 1.34 0.00	38.45 1.42 0.00	30.11 1.28 0.00	26.05 1.29 0.00	26.37 1.40 0.00	25.43 1.35 0.00	28.82 1.49 0.00	30.46 1.64 0.00	26.58 1.52 0.00	32.82 2.01 0.02	32.86 1.86 0.00	32.57 1.83 0.14	32.09 1.68 0.00	32.33 1.54 0.07	31.38 1.54 0.53	28.48 1.20 0.00	26.25 1.19 0.00	22.93 1.18 0.00
INDIAN POINT___2 23530	25.55 1.39 0.00	17.59 1.06 -0.48	18.94 1.13 0.00	23.91 1.43 0.00	24.68 1.37 0.00	25.30 1.35 0.00	32.92 1.31 0.00	38.41 1.38 0.00	30.07 1.24 0.00	26.01 1.24 0.00	26.33 1.35 0.00	25.39 1.31 0.00	28.78 1.45 0.00	30.42 1.59 0.00	26.55 1.49 0.00	32.79 1.98 0.02	32.83 1.83 0.00	32.54 1.80 0.14	32.04 1.63 0.00	32.29 1.50 0.07	31.35 1.51 0.52	28.42 1.15 0.00	26.21 1.15 0.00	22.89 1.14 0.00
INDIAN POINT___3 23531	25.64 1.49 0.00	17.68 1.14 -0.49	19.03 1.21 0.00	24.02 1.54 0.00	24.78 1.47 0.00	25.40 1.44 0.00	33.01 1.39 0.00	38.51 1.48 0.00	30.18 1.35 0.00	26.11 1.34 0.00	26.44 1.47 0.00	25.50 1.41 0.00	28.88 1.56 0.00	30.50 1.68 0.00	26.62 1.56 0.00	32.85 2.05 0.02	32.91 1.91 0.00	32.61 1.87 0.14	32.13 1.71 0.00	32.39 1.59 0.07	31.43 1.60 0.54	28.52 1.25 0.00	26.30 1.24 0.00	22.99 1.24 0.00
INGHAM_C_115KV_TB7 356103	24.84 0.68 0.00	17.64 0.63 -0.96	18.55 0.72 0.00	23.39 0.91 0.00	24.09 0.78 0.00	24.71 0.75 0.00	31.82 0.21 0.00	36.74 -0.30 0.00	28.24 -0.60 0.00	24.14 -0.63 0.00	24.54 -0.43 0.00	23.89 -0.19 0.00	27.02 -0.30 0.00	28.62 -0.20 0.00	24.74 -0.32 0.00	30.69 -0.12 0.03	31.03 0.03 0.00	30.88 0.19 0.19	30.57 0.16 0.00	30.87 0.10 0.10	29.90 0.23 0.71	27.44 0.17 0.00	25.33 0.27 0.00	22.07 0.33 0.00
IP CORINTH___1 23988	25.55 1.39 0.00	17.59 1.00 -0.54	18.94 1.12 0.00	23.92 1.44 0.00	24.67 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.23 1.20 0.00	29.74 0.91 0.00	25.48 0.71 0.00	25.70 0.73 0.00	24.94 0.85 0.00	28.35 1.03 0.00	29.93 1.10 0.00	25.89 0.82 0.00	31.87 1.06 0.02	32.22 1.23 0.00	31.95 1.23 0.16	31.62 1.21 0.00	32.00 1.21 0.08	31.13 1.36 0.60	28.44 1.17 0.00	26.17 1.11 0.00	22.77 1.03 0.00
IP___TICONDEROGA 23804	27.17 3.02 0.00	18.65 2.06 -0.54	20.11 2.29 0.00	25.39 2.91 0.00	26.04 2.73 0.00	26.81 2.86 0.00	34.13 2.52 0.00	39.15 2.11 0.00	30.67 1.83 0.00	26.27 1.50 0.00	26.68 1.71 0.00	26.02 1.94 0.00	29.64 2.32 0.00	31.43 2.61 0.00	26.68 1.62 0.00	32.69 1.89 0.02	33.48 2.48 0.00	32.79 2.07 0.16	32.56 2.15 0.00	33.00 2.21 0.08	32.68 2.90 0.59	30.01 2.74 0.00	27.77 2.71 0.00	24.16 2.42 0.00
ISLIP_RES_REC 323679	26.10 1.94 0.00	18.08 1.54 -0.49	19.38 1.57 0.00	24.45 1.97 0.00	25.25 1.94 0.00	25.89 1.94 0.00	33.44 1.83 0.00	40.04 2.23 -0.78	31.17 1.89 -0.45	27.65 2.13 -0.75	35.74 2.31 -8.45	26.25 2.01 -0.16	30.48 2.22 -0.94	30.79 2.16 0.19	27.12 2.05 0.00	33.43 2.62 0.02	33.38 2.38 0.00	33.08 2.33 0.14	32.66 2.24 0.00	33.04 2.25 0.07	32.04 2.21 0.53	29.02 1.74 0.00	26.88 1.82 0.00	23.54 1.80 0.00



JAMAICA__27_KV_LOAD 355505	25.80 1.64 0.00	17.82 1.28 -0.49	19.16 1.34 0.00	24.17 1.69 0.00	24.94 1.63 0.00	25.52 1.56 0.00	33.18 1.56 0.00	38.66 1.63 0.00	30.40 1.56 0.00	26.32 1.55 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.10 1.78 0.00	30.79 1.97 0.00	26.87 1.81 0.01	33.18 2.37 0.03	33.20 2.21 0.01	32.92 2.18 0.15	32.46 2.04 0.00	32.70 1.90 0.07	31.71 1.88 0.53	28.75 1.48 0.01	26.50 1.44 0.00	23.24 1.49 0.00
JANIS__SOLAR 323808	25.27 1.11 0.00	17.21 0.63 -0.52	18.51 0.69 0.00	23.37 0.90 0.00	24.24 0.94 0.00	25.01 1.05 0.00	32.91 1.29 0.00	38.03 1.00 0.00	29.19 0.35 0.00	24.81 0.05 0.00	24.94 -0.12 -0.09	25.91 0.11 -1.72	27.15 -0.18 0.00	28.70 -0.12 0.00	25.17 0.11 0.00	30.95 0.14 0.02	31.18 0.19 0.00	31.01 0.28 0.14	30.91 0.50 0.00	31.66 0.87 0.07	30.74 0.91 0.53	27.91 0.64 0.00	25.56 0.49 0.00	22.14 0.39 0.00
JARVIS____ 23743	24.47 0.31 0.00	17.27 0.25 -0.96	18.12 0.31 0.00	22.89 0.41 0.00	23.65 0.34 0.00	24.26 0.31 0.00	31.66 0.04 0.00	36.82 -0.21 0.00	28.67 -0.17 0.00	24.66 -0.11 0.00	24.84 -0.13 0.00	23.99 -0.10 0.00	27.17 -0.15 0.00	28.67 -0.15 0.00	24.92 -0.14 0.00	30.65 -0.16 0.03	30.79 -0.21 0.00	30.50 -0.19 0.19	30.21 -0.20 0.00	30.54 -0.23 0.10	29.47 -0.19 0.71	27.05 -0.22 0.00	24.90 -0.16 0.00	21.70 -0.05 0.00
JENNISON____1 23625	25.21 1.06 0.00	17.17 0.59 -0.53	18.46 0.64 0.00	23.37 0.89 0.00	24.27 0.96 0.00	25.04 1.08 0.00	32.91 1.29 0.00	38.23 1.19 0.00	29.57 0.73 0.00	25.28 0.51 0.00	25.39 0.42 0.00	24.64 0.56 0.00	27.76 0.43 0.00	29.31 0.49 0.00	25.60 0.54 0.00	31.40 0.59 0.02	31.68 0.68 0.00	31.55 0.82 0.15	31.29 0.88 0.00	31.88 1.10 0.08	30.86 1.07 0.58	28.07 0.80 0.00	25.62 0.56 0.00	22.21 0.46 0.00
JENNISON____2 23626	25.21 1.06 0.00	17.17 0.59 -0.53	18.46 0.64 0.00	23.37 0.89 0.00	24.27 0.96 0.00	25.04 1.08 0.00	32.91 1.29 0.00	38.23 1.19 0.00	29.57 0.73 0.00	25.28 0.51 0.00	25.39 0.42 0.00	24.64 0.56 0.00	27.76 0.43 0.00	29.31 0.49 0.00	25.60 0.54 0.00	31.40 0.59 0.02	31.68 0.68 0.00	31.55 0.82 0.15	31.29 0.88 0.00	31.88 1.10 0.08	30.86 1.07 0.58	28.07 0.80 0.00	25.62 0.56 0.00	22.21 0.46 0.00
JERICOHO_RISE_WT_PWR 323719	23.16 -1.00 0.00	10.12 -0.76 5.18	17.03 -0.79 0.00	21.52 -0.96 0.00	22.40 -0.91 0.00	23.25 -0.70 0.00	31.40 -0.21 0.00	37.32 0.29 0.00	28.93 0.09 0.00	24.84 0.07 0.00	25.05 0.07 0.00	24.08 0.00 0.00	27.40 0.07 0.00	28.89 0.06 0.00	25.06 0.00 0.00	30.85 0.03 0.01	31.27 0.27 0.00	31.03 0.22 0.06	30.76 0.35 0.00	31.36 0.53 0.04	30.58 0.46 0.25	27.88 0.60 0.00	25.45 0.39 0.00	21.86 0.11 0.00
KATONAH__115KV_46KV_TB4 355592	25.75 1.60 0.00	17.75 1.20 -0.49	19.11 1.29 0.00	24.11 1.63 0.00	24.87 1.56 0.00	25.50 1.54 0.00	33.14 1.53 0.00	38.70 1.67 0.00	30.34 1.50 0.00	26.25 1.48 0.00	26.57 1.60 0.00	25.62 1.53 0.00	29.03 1.71 0.00	30.67 1.85 0.00	26.76 1.70 0.00	33.03 2.23 0.02	33.10 2.10 0.00	32.79 2.05 0.14	32.31 1.90 0.00	32.57 1.77 0.07	31.60 1.77 0.54	28.68 1.41 0.00	26.43 1.37 0.00	23.09 1.34 0.00
KCE_NY_1 323755	25.47 1.31 0.00	17.55 0.95 -0.54	18.94 1.11 0.00	23.89 1.41 0.00	24.64 1.33 0.00	25.27 1.31 0.00	32.88 1.26 0.00	38.29 1.26 0.00	29.71 0.87 0.00	25.49 0.72 0.00	25.68 0.71 0.00	24.88 0.80 0.00	28.25 0.93 0.00	29.90 1.07 0.00	25.87 0.81 0.00	31.93 1.13 0.02	32.14 1.14 0.00	31.89 1.16 0.16	31.55 1.14 0.00	31.90 1.12 0.08	30.97 1.21 0.59	28.29 1.02 0.00	26.05 0.99 0.00	22.68 0.93 0.00
KCE_NY_6_ESR 323823	23.95 -0.20 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.88 -1.16 0.00	27.90 -0.94 0.00	23.58 -1.19 0.00	23.26 -1.32 0.39	15.11 -1.09 7.88	25.90 -1.43 0.00	27.49 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.96 -2.04 0.00	28.71 -2.01 0.16	28.40 -2.01 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
KEDC PORT_JEFF_GT2 24210	25.99 1.83 0.00	18.01 1.47 -0.49	19.30 1.49 0.00	24.35 1.88 0.00	25.15 1.84 0.00	25.77 1.82 0.00	33.28 1.66 0.00	39.75 2.02 -0.70	30.90 1.71 -0.36	27.41 1.98 -0.67	35.25 2.15 -8.13	26.09 1.86 -0.14	30.17 2.06 -0.79	30.59 1.98 0.21	26.97 1.91 0.00	33.25 2.44 0.02	33.19 2.20 0.00	32.91 2.17 0.14	32.50 2.08 0.00	32.87 2.08 0.07	31.87 2.04 0.53	28.87 1.60 0.00	26.76 1.70 0.00	23.45 1.71 0.00
KEDC PORT_JEFF_GT3 24211	25.99 1.83 0.00	18.01 1.47 -0.49	19.30 1.49 0.00	24.35 1.88 0.00	25.15 1.84 0.00	25.77 1.82 0.00	33.28 1.66 0.00	39.75 2.02 -0.70	30.90 1.71 -0.36	27.41 1.98 -0.67	35.25 2.15 -8.13	26.09 1.86 -0.14	30.17 2.06 -0.79	30.59 1.98 0.21	26.97 1.91 0.00	33.25 2.44 0.02	33.19 2.20 0.00	32.91 2.17 0.14	32.50 2.08 0.00	32.87 2.08 0.07	31.87 2.04 0.53	28.87 1.60 0.00	26.76 1.70 0.00	23.45 1.71 0.00
KEDC_GLWD_GT4 24219	25.92 1.76 0.00	17.88 1.34 -0.49	19.22 1.40 0.00	24.26 1.78 0.00	25.04 1.73 0.00	25.68 1.72 0.00	33.34 1.72 0.00	42.95 2.01 -3.91	34.21 1.65 -3.72	30.20 1.68 -3.74	49.86 1.82 -23.07	26.57 1.67 -0.81	35.79 1.90 -6.57	31.14 1.95 -0.37	26.90 1.84 0.00	33.18 2.37 0.02	33.19 2.19 0.00	32.85 2.11 0.14	32.39 1.97 0.00	32.64 1.85 0.07	31.67 1.84 0.53	28.81 1.54 0.00	26.60 1.54 0.00	23.27 1.52 -0.01
KEDC_GLWD_GT5 24220	25.92 1.76 0.00	17.88 1.34 -0.49	19.22 1.40 0.00	24.26 1.78 0.00	25.04 1.73 0.00	25.68 1.72 0.00	33.34 1.72 0.00	42.95 2.01 -3.91	34.21 1.65 -3.72	30.20 1.68 -3.74	49.86 1.82 -23.07	26.57 1.67 -0.81	35.79 1.90 -6.57	31.14 1.95 -0.37	26.90 1.84 0.00	33.18 2.37 0.02	33.19 2.19 0.00	32.85 2.11 0.14	32.39 1.97 0.00	32.64 1.85 0.07	31.67 1.84 0.53	28.81 1.54 0.00	26.60 1.54 0.00	23.27 1.52 -0.01
KENSICO____ 23655	25.68 1.53 0.00	17.70 1.16 -0.49	19.06 1.24 0.00	24.05 1.57 0.00	24.81 1.51 0.00	25.44 1.48 0.00	33.06 1.45 0.00	38.59 1.56 0.00	30.24 1.41 0.00	26.17 1.40 0.00	26.50 1.53 0.00	25.55 1.47 0.00	28.95 1.62 0.00	30.58 1.75 0.00	26.69 1.63 0.00	32.94 2.13 0.02	32.98 1.99 0.00	32.69 1.95 0.14	32.21 1.79 0.00	32.46 1.66 0.07	31.50 1.66 0.53	28.58 1.31 0.00	26.35 1.29 0.00	23.03 1.28 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	25.63 1.47 0.00	17.62 1.09 -0.48	18.98 1.16 0.00	23.97 1.49 0.00	24.75 1.44 0.00	25.38 1.43 0.00	33.06 1.44 0.00	38.57 1.54 0.00	30.17 1.33 0.00	26.05 1.29 0.00	26.29 1.32 0.00	25.33 1.25 0.00	28.69 1.36 0.00	30.33 1.50 0.00	26.46 1.40 0.00	32.74 1.93 0.02	32.98 1.98 0.00	32.71 1.97 0.14	32.28 1.87 0.00	32.56 1.76 0.07	31.63 1.79 0.52	28.67 1.40 0.00	26.40 1.33 0.00	23.00 1.26 0.00



KIAC_JFK_GT1 23816	25.66 1.51 0.00	17.74 1.20 -0.49	19.07 1.25 0.00	24.06 1.58 0.00	24.81 1.51 0.00	25.39 1.43 0.00	32.97 1.36 0.00	38.30 1.27 0.00	30.12 1.29 0.00	26.13 1.36 0.00	26.44 1.47 0.00	25.49 1.41 0.00	28.85 1.53 0.00	30.61 1.78 0.00	26.65 1.59 0.01	32.93 2.13 0.03	32.95 1.96 0.01	32.63 1.90 0.15	32.26 1.85 0.00	32.49 1.69 0.07	31.51 1.68 0.53	28.53 1.26 0.01	26.27 1.21 0.00	23.12 1.37 0.00
KIAC_JFK_GT2 23817	25.66 1.51 0.00	17.74 1.20 -0.49	19.07 1.25 0.00	24.06 1.58 0.00	24.81 1.51 0.00	25.39 1.43 0.00	32.97 1.36 0.00	38.30 1.27 0.00	30.12 1.29 0.00	26.13 1.36 0.00	26.44 1.47 0.00	25.49 1.41 0.00	28.85 1.53 0.00	30.61 1.78 0.00	26.65 1.59 0.01	32.93 2.13 0.03	32.95 1.96 0.01	32.63 1.90 0.15	32.26 1.85 0.00	32.49 1.69 0.07	31.51 1.68 0.53	28.53 1.26 0.01	26.27 1.21 0.00	23.12 1.37 0.00
KIAC_JFK____ 323774	25.66 1.51 0.00	17.74 1.20 -0.49	19.07 1.25 0.00	24.06 1.58 0.00	24.81 1.51 0.00	25.39 1.43 0.00	32.97 1.36 0.00	38.30 1.27 0.00	30.12 1.29 0.00	26.13 1.36 0.00	26.44 1.46 0.00	25.49 1.41 0.00	28.85 1.53 0.00	30.61 1.78 0.00	26.65 1.59 0.01	32.93 2.12 0.03	32.95 1.96 0.01	32.64 1.90 0.15	32.26 1.85 0.00	32.48 1.69 0.07	31.51 1.68 0.53	28.53 1.26 0.01	26.27 1.21 0.00	23.11 1.37 0.00
KINTIGH__24_KV_GSU 356498	23.72 -0.44 0.00	16.01 -0.58 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.89 0.00	23.18 -0.78 0.00	30.70 -0.92 0.00	35.57 -1.46 0.00	27.68 -1.16 0.00	23.42 -1.35 0.00	23.33 -1.45 0.19	18.98 -1.26 3.84	25.77 -1.56 0.00	27.28 -1.55 0.00	23.78 -1.28 0.00	28.97 -1.84 0.02	28.69 -2.30 0.00	28.45 -2.27 0.16	28.22 -2.20 0.00	28.71 -2.07 0.08	27.76 -1.99 0.62	25.43 -1.84 0.00	23.26 -1.80 0.00	19.97 -1.77 0.01
KINTIGH____ 23543	23.69 -0.46 0.00	15.99 -0.59 -0.53	17.21 -0.61 0.00	21.68 -0.80 0.00	22.39 -0.91 0.00	23.16 -0.80 0.00	30.67 -0.95 0.00	35.53 -1.50 0.00	27.65 -1.19 0.00	23.40 -1.37 0.00	23.31 -1.47 0.19	18.94 -1.30 3.84	25.75 -1.57 0.00	27.25 -1.57 0.00	23.77 -1.30 0.00	28.94 -1.87 0.02	28.65 -2.34 0.00	28.43 -2.29 0.16	28.18 -2.23 0.00	28.69 -2.10 0.08	27.73 -2.01 0.62	25.41 -1.86 0.00	23.24 -1.82 0.00	19.95 -1.79 0.01
KNTFSRNC_46_KV_46KV_LOAD 80397	23.47 -0.69 0.00	10.22 -0.57 5.26	17.24 -0.58 0.00	21.80 -0.68 0.00	22.64 -0.67 0.00	23.50 -0.46 0.00	31.74 0.12 0.00	37.73 0.70 0.00	29.19 0.35 0.00	25.08 0.31 0.00	25.33 0.36 0.00	24.36 0.28 0.00	27.66 0.34 0.00	29.22 0.39 0.00	25.29 0.23 0.00	31.17 0.34 0.01	31.64 0.64 0.00	31.37 0.55 0.06	31.07 0.66 0.00	31.75 0.92 0.04	31.03 0.91 0.24	28.27 0.99 0.00	25.82 0.76 0.00	22.16 0.42 0.00
LACHUTE____HYDRO 323717	27.17 3.02 0.00	18.65 2.06 -0.54	20.11 2.29 0.00	25.39 2.91 0.00	26.04 2.73 0.00	26.81 2.85 0.00	34.13 2.52 0.00	39.15 2.12 0.00	30.67 1.83 0.00	26.27 1.50 0.00	26.68 1.70 0.00	26.02 1.94 0.00	29.64 2.32 0.00	31.43 2.61 0.00	26.68 1.62 0.00	32.69 1.88 0.02	33.48 2.48 0.00	32.79 2.07 0.16	32.56 2.15 0.00	33.00 2.21 0.08	32.68 2.90 0.59	30.01 2.74 0.00	27.77 2.71 0.00	24.16 2.42 0.00
LAWRNCALV_115KV_TB1 80681	22.97 -1.19 0.00	10.86 -0.91 4.28	16.82 -1.00 0.00	21.24 -1.24 0.00	22.14 -1.17 0.00	22.97 -0.98 0.00	30.99 -0.63 0.00	37.08 0.05 0.00	28.69 -0.14 0.00	24.65 -0.12 0.00	24.80 -0.17 0.00	23.77 -0.31 0.00	27.04 -0.28 0.00	28.39 -0.44 0.00	24.60 -0.46 0.00	30.31 -0.51 0.01	30.71 -0.29 0.00	30.39 -0.42 0.07	30.19 -0.22 0.00	30.91 0.07 0.04	29.96 -0.14 0.27	27.47 0.19 0.00	25.04 -0.03 0.00	21.31 -0.43 0.00
LEDERLE____ 23769	25.60 1.45 0.00	17.61 1.08 -0.47	18.97 1.14 0.00	23.95 1.47 0.00	24.72 1.41 0.00	25.36 1.40 0.00	33.02 1.41 0.00	38.54 1.51 0.00	30.15 1.31 0.00	26.07 1.30 0.00	26.40 1.42 0.00	25.46 1.38 0.00	28.86 1.54 0.00	30.55 1.72 0.00	26.68 1.62 0.00	32.94 2.13 0.02	32.99 1.99 0.00	32.71 1.96 0.14	32.18 1.77 0.00	32.42 1.63 0.07	31.50 1.65 0.52	28.53 1.26 0.00	26.29 1.23 0.00	22.92 1.18 0.00
LIGHTHSE_115KV_TB6 355974	23.95 -0.20 0.00	15.98 -0.23 -0.15	17.59 -0.23 0.00	22.27 -0.21 0.00	23.08 -0.22 0.00	23.77 -0.19 0.00	31.16 -0.46 0.00	36.33 -0.70 0.00	28.31 -0.53 0.00	24.23 -0.54 0.00	24.30 -0.67 0.00	23.33 -0.76 0.00	26.37 -0.96 0.00	27.68 -1.14 0.00	23.97 -1.09 0.00	29.40 -1.43 0.00	29.58 -1.42 0.00	29.55 -1.29 0.04	29.36 -1.05 0.00	30.05 -0.80 0.02	29.53 -0.70 0.14	26.59 -0.68 0.00	24.32 -0.74 0.00	21.12 -0.62 0.00
LINDEN COGEN____ 23786	25.69 1.54 0.00	17.72 1.18 -0.49	19.05 1.23 0.00	24.05 1.57 0.00	24.82 1.51 0.00	25.44 1.48 0.00	33.02 1.41 0.00	38.58 1.55 0.00	30.28 1.45 0.00	26.22 1.45 0.00	26.56 1.59 0.00	25.60 1.52 0.00	29.00 1.67 0.00	30.64 1.82 0.00	26.75 1.69 0.00	33.04 2.23 0.02	33.05 2.06 0.00	32.76 2.02 0.14	32.26 1.84 0.00	32.48 1.69 0.07	31.52 1.69 0.53	28.58 1.31 0.00	26.35 1.29 0.00	23.03 1.29 0.00
LINDHRST_69_KV_BK1 356055	26.21 2.05 0.00	18.09 1.55 -0.49	19.41 1.60 0.00	24.49 2.01 0.00	25.29 1.98 0.00	25.95 2.00 0.00	33.62 2.01 0.00	41.66 2.49 -2.14	32.89 2.11 -1.94	28.97 2.16 -2.05	41.20 2.34 -13.88	26.58 2.06 -0.44	33.15 2.36 -3.47	31.20 2.26 -0.11	27.16 2.10 0.00	33.54 2.73 0.02	33.49 2.50 0.00	33.14 2.40 0.14	32.70 2.29 0.00	33.04 2.25 0.07	32.08 2.25 0.53	29.06 1.79 0.00	26.90 1.84 0.00	23.60 1.85 0.00
LIPA_MISC_IPP 23656	25.87 1.72 0.00	17.97 1.43 -0.49	19.26 1.44 0.00	24.29 1.82 0.00	25.09 1.78 0.00	25.73 1.78 0.00	33.15 1.54 0.00	39.56 1.87 -0.66	30.75 1.59 -0.32	27.31 1.90 -0.63	35.01 2.06 -7.98	25.95 1.73 -0.14	29.97 1.93 -0.72	30.39 1.79 0.22	26.80 1.74 0.00	33.08 2.27 0.02	33.05 2.05 0.00	32.75 2.00 0.14	32.34 1.92 0.00	32.74 1.94 0.07	31.73 1.90 0.53	28.74 1.47 0.00	26.66 1.60 0.00	23.38 1.64 0.00
LISF____SOLAR 323691	25.91 1.76 0.00	18.00 1.46 -0.49	19.29 1.47 0.00	24.33 1.85 0.00	25.13 1.82 0.00	25.76 1.81 0.00	33.19 1.57 0.00	39.59 1.89 -0.67	30.77 1.60 -0.34	27.36 1.94 -0.65	35.10 2.09 -8.04	25.98 1.76 -0.14	29.98 1.91 -0.75	30.42 1.81 0.22	26.82 1.76 0.00	33.12 2.30 0.02	33.09 2.10 0.00	32.79 2.05 0.14	32.39 1.98 0.00	32.79 2.00 0.07	31.79 1.96 0.53	28.79 1.51 0.00	26.70 1.64 0.00	23.40 1.66 0.00
LITTLE FALLS____HYD 24013	24.84 0.68 0.00	17.64 0.63 -0.96	18.55 0.72 0.00	23.39 0.91 0.00	24.09 0.78 0.00	24.71 0.75 0.00	31.82 0.21 0.00	36.74 -0.30 0.00	28.24 -0.60 0.00	24.14 -0.63 0.00	24.54 -0.43 0.00	23.89 -0.19 0.00	27.02 -0.30 0.00	28.62 -0.20 0.00	24.74 -0.32 0.00	30.69 -0.12 0.03	31.03 0.03 0.00	30.88 0.19 0.19	30.57 0.16 0.00	30.87 0.10 0.10	29.90 0.23 0.71	27.44 0.17 0.00	25.33 0.27 0.00	22.07 0.33 0.00



LITTLRIV_115KV_TB1 356100	23.29 -0.87 0.00	11.16 -0.72 4.17	17.03 -0.79 0.00	21.50 -0.98 0.00	22.44 -0.87 0.00	23.27 -0.69 0.00	31.45 -0.17 0.00	37.61 0.58 0.00	29.06 0.22 0.00	24.90 0.13 0.00	25.01 0.04 0.00	23.92 -0.16 0.00	27.19 -0.13 0.00	28.53 -0.29 0.00	24.71 -0.35 0.00	30.45 -0.37 0.01	30.87 -0.13 0.00	30.55 -0.26 0.07	30.39 -0.02 0.00	31.34 0.51 0.04	30.46 0.37 0.27	27.94 0.67 0.00	25.44 0.37 0.00	21.63 -0.11 0.00
LI_NEWBRDGE___DRP 323616	25.79 1.63 0.00	17.82 1.28 -0.49	19.13 1.31 0.00	24.14 1.66 0.00	24.92 1.61 0.00	25.55 1.60 0.00	33.11 1.50 0.00	39.00 1.84 -0.12	30.12 1.54 0.26	26.55 1.65 -0.12	32.60 1.81 -5.82	25.72 1.61 -0.03	28.93 1.87 0.27	30.27 1.78 0.34	26.79 1.72 0.00	33.01 2.21 0.02	32.96 1.97 0.00	32.63 1.89 0.14	32.17 1.76 0.00	32.48 1.68 0.07	31.51 1.68 0.53	28.56 1.29 0.00	26.44 1.38 0.00	23.18 1.44 0.01
LOCKPORT_115KV_TB60_63_64 80432	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.04 -0.78 0.00	21.46 -1.01 0.00	22.18 -1.13 0.00	22.99 -0.97 0.00	30.48 -1.13 0.00	35.26 -1.77 0.00	27.43 -1.40 0.00	23.06 -1.71 0.00	22.88 -1.79 0.31	16.49 -1.42 6.18	25.36 -1.96 0.00	26.90 -1.93 0.00	23.52 -1.54 0.00	28.59 -2.22 0.02	28.26 -2.73 0.00	28.07 -2.65 0.16	27.85 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.17 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.01
LOCKPORT___CC1 323769	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.05 -0.77 0.00	21.47 -1.01 0.00	22.18 -1.12 0.00	22.98 -0.97 0.00	30.48 -1.14 0.00	35.26 -1.77 0.00	27.43 -1.41 0.00	23.07 -1.70 0.00	22.85 -1.78 0.34	15.82 -1.42 6.84	25.38 -1.95 0.00	26.91 -1.92 0.00	23.53 -1.53 0.00	28.60 -2.20 0.02	28.28 -2.72 0.00	28.07 -2.66 0.16	27.86 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.16 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.02
LOCKPORT___CC2 323770	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.05 -0.77 0.00	21.47 -1.01 0.00	22.18 -1.12 0.00	22.98 -0.97 0.00	30.48 -1.14 0.00	35.26 -1.77 0.00	27.43 -1.41 0.00	23.07 -1.70 0.00	22.85 -1.78 0.34	15.82 -1.42 6.84	25.38 -1.95 0.00	26.91 -1.92 0.00	23.53 -1.53 0.00	28.60 -2.20 0.02	28.28 -2.72 0.00	28.07 -2.66 0.16	27.86 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.16 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.02
LOCKPORT___CC3 323771	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.05 -0.77 0.00	21.47 -1.01 0.00	22.18 -1.12 0.00	22.98 -0.97 0.00	30.48 -1.14 0.00	35.26 -1.77 0.00	27.43 -1.41 0.00	23.07 -1.70 0.00	22.85 -1.78 0.34	15.82 -1.42 6.84	25.38 -1.95 0.00	26.91 -1.92 0.00	23.53 -1.53 0.00	28.60 -2.20 0.02	28.28 -2.72 0.00	28.07 -2.66 0.16	27.86 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.16 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.02
LOCUSVLY_69_KV_BK2 55797	25.98 1.83 0.00	17.93 1.39 -0.49	19.26 1.44 0.00	24.30 1.82 0.00	25.08 1.78 0.00	25.73 1.77 0.00	33.37 1.76 0.00	42.30 2.11 -3.16	33.56 1.78 -2.94	29.61 1.82 -3.02	46.38 1.97 -19.43	26.53 1.79 -0.65	34.60 2.06 -5.22	31.11 2.04 -0.24	27.02 1.96 0.00	33.31 2.50 0.02	33.28 2.29 0.00	32.94 2.20 0.14	32.49 2.07 0.00	32.75 1.96 0.07	31.75 1.92 0.53	28.82 1.55 0.00	26.64 1.58 0.00	23.32 1.57 -0.01
LONG_LAKE_PHOENIX 24014	23.93 -0.23 0.00	16.30 -0.17 -0.42	17.63 -0.19 0.00	22.26 -0.22 0.00	23.05 -0.26 0.00	23.68 -0.28 0.00	31.04 -0.57 0.00	36.03 -1.01 0.00	28.07 -0.77 0.00	24.04 -0.73 0.00	24.16 -0.81 0.00	23.31 -0.77 0.00	26.42 -0.91 0.00	27.87 -0.95 0.00	24.24 -0.83 0.00	29.76 -1.07 0.00	29.87 -1.13 0.00	29.81 -1.08 0.00	29.38 -1.04 0.00	29.85 -1.02 0.00	29.40 -0.97 0.00	26.35 -0.92 0.00	24.21 -0.86 0.00	21.11 -0.64 0.00
LOVETT___3 23632	25.47 1.32 0.00	17.52 1.00 -0.47	18.87 1.06 0.00	23.83 1.35 0.00	24.60 1.30 0.00	25.23 1.28 0.00	32.85 1.23 0.00	38.32 1.29 0.00	29.97 1.14 0.00	25.92 1.15 0.00	26.24 1.27 0.00	25.30 1.22 0.00	28.68 1.36 0.00	30.35 1.52 0.00	26.50 1.44 0.00	32.72 1.91 0.02	32.77 1.78 0.00	32.49 1.74 0.14	31.97 1.56 0.00	32.21 1.42 0.07	31.29 1.44 0.52	28.35 1.08 0.00	26.14 1.08 0.00	22.80 1.06 0.00
LOVETT___4 23642	25.47 1.32 0.00	17.52 1.00 -0.47	18.87 1.06 0.00	23.83 1.35 0.00	24.60 1.30 0.00	25.23 1.28 0.00	32.85 1.23 0.00	38.32 1.29 0.00	29.97 1.14 0.00	25.92 1.15 0.00	26.24 1.27 0.00	25.30 1.22 0.00	28.68 1.36 0.00	30.35 1.52 0.00	26.50 1.44 0.00	32.72 1.91 0.02	32.77 1.78 0.00	32.49 1.74 0.14	31.97 1.56 0.00	32.21 1.42 0.07	31.29 1.44 0.52	28.35 1.08 0.00	26.14 1.08 0.00	22.80 1.06 0.00
LOVETT___5 23593	25.47 1.32 0.00	17.52 1.00 -0.47	18.87 1.06 0.00	23.83 1.35 0.00	24.60 1.30 0.00	25.23 1.28 0.00	32.85 1.23 0.00	38.32 1.29 0.00	29.97 1.14 0.00	25.92 1.15 0.00	26.24 1.27 0.00	25.30 1.22 0.00	28.68 1.36 0.00	30.35 1.52 0.00	26.50 1.44 0.00	32.72 1.91 0.02	32.77 1.78 0.00	32.49 1.74 0.14	31.97 1.56 0.00	32.21 1.42 0.07	31.29 1.44 0.52	28.35 1.08 0.00	26.14 1.08 0.00	22.80 1.06 0.00
LOWER RAQUET___HYD 24057	22.81 -1.34 0.00	10.95 -1.03 4.07	16.69 -1.12 0.00	21.09 -1.39 0.00	22.00 -1.31 0.00	22.85 -1.11 0.00	30.84 -0.77 0.00	36.92 -0.11 0.00	28.55 -0.28 0.00	24.54 -0.23 0.00	24.68 -0.30 0.00	23.63 -0.45 0.00	26.88 -0.44 0.00	28.20 -0.62 0.00	24.43 -0.62 0.00	30.11 -0.71 0.01	30.52 -0.48 0.00	30.18 -0.63 0.07	30.00 -0.41 0.00	30.76 -0.07 0.04	29.82 -0.27 0.28	27.35 0.07 0.00	24.90 -0.16 0.00	21.19 -0.55 0.00
LOWER___HUDSON 24059	25.15 1.00 0.00	17.37 0.78 -0.54	18.71 0.89 0.00	23.63 1.16 0.00	24.36 1.05 0.00	24.97 1.02 0.00	32.41 0.79 0.00	37.71 0.68 0.00	29.36 0.52 0.00	25.24 0.47 0.00	25.46 0.49 0.00	24.59 0.50 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.61 0.55 0.00	31.55 0.75 0.02	31.74 0.74 0.00	31.46 0.73 0.16	31.10 0.69 0.00	31.37 0.58 0.08	30.46 0.68 0.59	27.82 0.55 0.00	25.65 0.59 0.00	22.36 0.62 0.00
LOWVILLE_115KV_TB2 356335	23.89 -0.26 0.00	15.11 -0.41 0.53	17.34 -0.47 0.00	22.12 -0.36 0.00	23.04 -0.26 0.00	23.97 0.01 0.00	31.54 -0.08 0.00	37.12 0.09 0.00	28.92 0.08 0.00	24.77 0.00 0.00	24.70 -0.27 0.00	23.65 -0.44 0.00	26.70 -0.63 0.00	27.78 -1.04 0.00	23.94 -1.12 0.00	29.53 -1.28 0.02	29.79 -1.20 0.00	29.77 -0.99 0.12	29.90 -0.51 0.00	30.80 -0.01 0.06	29.93 0.00 0.44	27.10 -0.17 0.00	24.52 -0.54 0.00	21.14 -0.61 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	25.46 1.31 0.00	17.54 0.95 -0.54	18.91 1.09 0.00	23.87 1.39 0.00	24.63 1.32 0.00	25.26 1.31 0.00	32.86 1.25 0.00	38.22 1.19 0.00	29.70 0.86 0.00	25.47 0.71 0.00	25.68 0.71 0.00	24.86 0.78 0.00	28.25 0.92 0.00	29.84 1.01 0.00	25.85 0.79 0.00	31.87 1.06 0.02	32.12 1.12 0.00	31.89 1.16 0.16	31.54 1.12 0.00	31.88 1.10 0.08	30.96 1.19 0.59	28.28 1.00 0.00	26.03 0.97 0.00	22.66 0.92 0.00



LUTHERNY_35_KV_BK2 355980	25.47 1.31 0.00	17.55 0.95 -0.54	18.94 1.11 0.00	23.89 1.41 0.00	24.64 1.33 0.00	25.27 1.31 0.00	32.88 1.26 0.00	38.29 1.25 0.00	29.71 0.87 0.00	25.49 0.72 0.00	25.69 0.71 0.00	24.88 0.80 0.00	28.25 0.93 0.00	29.90 1.07 0.00	25.87 0.81 0.00	31.93 1.13 0.02	32.14 1.14 0.00	31.89 1.16 0.16	31.55 1.14 0.00	31.91 1.12 0.08	30.97 1.20 0.59	28.29 1.02 0.00	26.05 0.99 0.00	22.68 0.93 0.00
LWR___OSWEGATCHIE_HYD 23850	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.74 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.59 -0.23 0.05	29.74 -0.30 0.32	27.07 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
LYONS_FALL_HYD 23570	24.26 0.10 0.00	15.98 -0.07 0.00	17.73 -0.09 0.00	22.53 0.05 0.00	23.40 0.09 0.00	24.22 0.27 0.00	31.81 0.19 0.00	37.26 0.23 0.00	29.01 0.17 0.00	24.88 0.11 0.00	24.89 -0.08 0.00	23.90 -0.18 0.00	26.99 -0.33 0.00	28.24 -0.59 0.00	24.42 -0.64 0.00	30.07 -0.74 0.02	30.31 -0.69 0.00	30.24 -0.50 0.14	30.22 -0.19 0.00	30.94 0.14 0.07	30.02 0.17 0.51	27.29 0.01 0.00	24.83 -0.23 0.00	21.47 -0.28 0.00
MADISON___COUNTY_LFGE 323628	24.88 0.73 0.00	17.07 0.46 -0.55	18.33 0.51 0.00	23.17 0.69 0.00	23.98 0.67 0.00	24.69 0.73 0.00	32.35 0.74 0.00	37.57 0.53 0.00	29.23 0.39 0.00	25.13 0.36 0.00	25.15 0.18 0.00	24.22 0.14 0.00	27.37 0.05 0.00	28.91 0.08 0.00	25.09 0.03 0.00	30.83 0.02 0.02	31.02 0.03 0.00	30.92 0.18 0.14	30.72 0.31 0.00	31.24 0.45 0.07	30.31 0.48 0.54	27.63 0.35 0.00	25.33 0.26 0.00	21.98 0.24 0.00
MALONE___115KV_TB1 356076	23.20 -0.96 0.00	10.40 -0.76 4.90	17.02 -0.79 0.00	21.51 -0.97 0.00	22.40 -0.90 0.00	23.27 -0.69 0.00	31.44 -0.18 0.00	37.48 0.44 0.00	29.00 0.16 0.00	24.94 0.17 0.00	25.09 0.12 0.00	24.12 0.03 0.00	27.39 0.07 0.00	28.82 0.00 0.00	25.00 -0.06 0.00	30.79 -0.04 0.01	31.21 0.21 0.00	30.96 0.14 0.07	30.72 0.31 0.00	31.44 0.60 0.04	30.64 0.52 0.25	27.97 0.70 0.00	25.50 0.43 0.00	21.83 0.08 0.00
MAPLEWOD_115KV_TB3 80458	25.04 0.89 0.00	17.31 0.73 -0.53	18.65 0.83 0.00	23.54 1.07 0.00	24.27 0.96 0.00	24.86 0.91 0.00	32.29 0.67 0.00	37.58 0.54 0.00	29.29 0.45 0.00	25.19 0.42 0.00	25.41 0.44 0.00	24.52 0.44 0.00	27.86 0.53 0.00	29.40 0.58 0.00	25.56 0.50 0.00	31.49 0.68 0.02	31.65 0.65 0.00	31.38 0.65 0.15	30.99 0.57 0.00	31.26 0.47 0.08	30.33 0.54 0.58	27.68 0.41 0.00	25.54 0.48 0.00	22.26 0.52 0.00
MAPLE_RIDGE_WT_1 323574	24.03 -0.12 0.00	18.92 -0.12 -2.98	17.70 -0.12 0.00	22.41 -0.07 0.00	23.26 -0.05 0.00	23.91 -0.05 0.00	31.37 -0.25 0.00	36.66 -0.37 0.00	28.54 -0.30 0.00	24.55 -0.22 0.00	24.75 -0.23 0.00	23.87 -0.21 0.00	27.07 -0.26 0.00	28.44 -0.38 0.00	24.70 -0.36 0.00	30.37 -0.44 0.02	30.64 -0.36 0.00	30.35 -0.39 0.14	30.10 -0.32 0.00	30.55 -0.24 0.07	29.57 -0.26 0.54	27.06 -0.22 0.00	24.75 -0.31 0.00	21.46 -0.29 0.00
MAPLE_RIDGE_WT_2 323611	24.03 -0.12 0.00	18.92 -0.12 -2.98	17.70 -0.12 0.00	22.41 -0.07 0.00	23.26 -0.05 0.00	23.91 -0.05 0.00	31.37 -0.25 0.00	36.66 -0.37 0.00	28.54 -0.30 0.00	24.55 -0.22 0.00	24.75 -0.23 0.00	23.87 -0.21 0.00	27.07 -0.26 0.00	28.44 -0.38 0.00	24.70 -0.36 0.00	30.37 -0.44 0.02	30.64 -0.36 0.00	30.35 -0.39 0.14	30.10 -0.32 0.00	30.55 -0.24 0.07	29.57 -0.26 0.54	27.06 -0.22 0.00	24.75 -0.31 0.00	21.46 -0.29 0.00
MARBLE_RIVER_WT_PWR 323696	23.23 -0.93 0.00	10.06 -0.70 5.29	17.10 -0.72 0.00	21.61 -0.87 0.00	22.47 -0.83 0.00	23.31 -0.64 0.00	31.45 -0.16 0.00	37.35 0.31 0.00	28.94 0.10 0.00	24.85 0.08 0.00	25.08 0.10 0.00	24.12 0.03 0.00	27.42 0.09 0.00	28.93 0.11 0.00	25.08 0.03 0.00	30.90 0.08 0.01	31.32 0.32 0.00	31.06 0.24 0.06	30.79 0.38 0.00	31.39 0.55 0.03	30.62 0.49 0.24	27.89 0.62 0.00	25.48 0.42 0.00	21.89 0.15 0.00
MARSHVLE_115KV_TB1 80742	25.41 1.25 0.00	17.35 0.75 -0.55	18.64 0.82 0.00	23.50 1.03 0.00	24.39 1.08 0.00	25.09 1.14 0.00	32.89 1.27 0.00	38.10 1.07 0.00	29.38 0.54 0.00	25.12 0.35 0.00	25.24 0.27 0.00	24.47 0.39 0.00	27.91 0.59 0.00	29.45 0.62 0.00	25.45 0.39 0.00	31.46 0.65 0.02	31.62 0.62 0.00	31.66 0.94 0.16	31.45 1.03 0.00	32.00 1.22 0.08	31.03 1.26 0.60	28.49 1.22 0.00	26.01 0.95 0.00	22.50 0.75 0.00
MARSH_HILL_WT_PWR 323713	24.35 0.20 0.00	16.39 -0.18 -0.53	17.25 -0.56 0.00	21.54 -0.94 0.00	22.59 -0.72 0.00	23.62 -0.33 0.00	31.59 -0.02 0.00	37.20 0.17 0.00	28.71 -0.12 0.00	23.59 -1.18 0.00	24.47 -1.79 -1.28	48.16 -1.56 -25.64	25.60 -1.72 0.00	27.16 -1.66 0.00	23.82 -1.24 0.00	29.34 -1.47 0.02	29.34 -1.66 0.00	29.24 -1.49 0.15	28.88 -1.53 0.00	29.54 -1.24 0.08	28.48 -1.31 0.57	25.85 -1.42 0.00	24.01 -1.05 0.00	20.51 -1.29 -0.06
MCINTYRE_115KV_TB2 80467	23.57 -0.59 0.00	11.18 -0.54 4.34	17.23 -0.59 0.00	21.74 -0.74 0.00	22.68 -0.63 0.00	23.50 -0.45 0.00	31.79 0.17 0.00	38.01 0.98 0.00	29.38 0.55 0.00	25.13 0.36 0.00	25.24 0.27 0.00	24.15 0.06 0.00	27.43 0.10 0.00	28.80 -0.02 0.00	24.96 -0.10 0.00	30.73 -0.09 0.01	31.16 0.16 0.00	30.87 0.06 0.07	30.68 0.27 0.00	31.66 0.83 0.04	30.81 0.71 0.27	28.27 0.99 0.00	25.75 0.68 0.00	21.89 0.14 0.00
MECO_____69_KV_BK1 80468	25.67 1.51 0.00	17.58 0.98 -0.55	18.91 1.09 0.00	23.85 1.37 0.00	24.70 1.40 0.00	25.41 1.45 0.00	33.23 1.62 0.00	38.51 1.48 0.00	29.42 0.58 0.00	25.03 0.26 0.00	25.15 0.18 0.00	24.51 0.42 0.00	27.93 0.61 0.00	29.54 0.71 0.00	25.40 0.34 0.00	31.46 0.65 0.02	31.97 0.97 0.00	32.04 1.32 0.16	31.76 1.35 0.00	32.35 1.57 0.08	31.41 1.64 0.60	28.76 1.49 0.00	26.31 1.25 0.00	22.80 1.06 0.00
MENANDS___115KV_TB5 355628	24.93 0.77 0.00	17.25 0.67 -0.53	18.58 0.76 0.00	23.47 0.99 0.00	24.17 0.86 0.00	24.76 0.81 0.00	32.14 0.52 0.00	37.40 0.37 0.00	29.17 0.33 0.00	25.10 0.33 0.00	25.32 0.35 0.00	24.44 0.36 0.00	27.74 0.42 0.00	29.29 0.47 0.00	25.47 0.40 0.00	31.37 0.56 0.02	31.52 0.52 0.00	31.21 0.48 0.15	30.83 0.41 0.00	31.07 0.28 0.08	30.14 0.35 0.58	27.51 0.24 0.00	25.41 0.34 0.00	22.16 0.42 0.00
MG INDUSTRY___DRP 24185	24.95 0.79 0.00	17.23 0.66 -0.52	18.59 0.77 0.00	23.47 1.00 0.00	24.21 0.90 0.00	24.79 0.83 0.00	32.23 0.61 0.00	37.45 0.42 0.00	29.06 0.23 0.00	24.96 0.19 0.00	25.22 0.24 0.00	24.37 0.28 0.00	27.56 0.24 0.00	29.14 0.32 0.00	25.33 0.27 0.00	31.23 0.42 0.02	31.44 0.44 0.00	31.22 0.49 0.15	30.83 0.42 0.08	31.14 0.35 0.08	30.20 0.41 0.57	27.58 0.31 0.00	25.45 0.39 0.00	22.18 0.44 0.00



MID___OSWEGATCHIE_HYD 23849	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.74 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.59 -0.23 0.05	29.74 -0.30 0.32	27.07 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
MID___RAQUETTE_HYD 23851	22.81 -1.34 0.00	10.95 -1.03 4.07	16.69 -1.12 0.00	21.09 -1.39 0.00	22.00 -1.31 0.00	22.85 -1.11 0.00	30.84 -0.77 0.00	36.92 -0.11 0.00	28.55 -0.28 0.00	24.54 -0.23 0.00	24.68 -0.30 0.00	23.63 -0.45 0.00	26.88 -0.45 0.00	28.20 -0.62 0.00	24.43 -0.63 0.00	30.12 -0.70 0.01	30.52 -0.48 0.00	30.18 -0.63 0.07	30.00 -0.41 0.00	30.76 -0.07 0.04	29.82 -0.27 0.28	27.34 0.07 0.00	24.90 -0.17 0.00	21.19 -0.55 0.00
MILLIKEN___1 23584	24.78 0.62 0.00	16.93 0.36 -0.51	18.22 0.40 0.00	22.98 0.50 0.00	23.79 0.48 0.00	24.50 0.54 0.00	32.16 0.55 0.00	37.24 0.21 0.00	28.83 -0.01 0.00	24.59 -0.18 0.00	24.77 -0.30 -0.09	25.73 -0.22 -1.86	26.94 -0.38 0.00	28.53 -0.30 0.00	24.90 -0.17 0.00	30.55 -0.26 0.02	30.72 -0.28 0.00	30.60 -0.17 0.11	30.37 -0.04 0.00	30.86 0.05 0.06	30.02 0.09 0.43	27.27 -0.01 0.00	24.99 -0.07 0.00	21.71 -0.05 0.00
MILLIKEN___2 23585	24.78 0.62 0.00	16.93 0.36 -0.51	18.22 0.40 0.00	22.98 0.50 0.00	23.79 0.48 0.00	24.50 0.54 0.00	32.16 0.55 0.00	37.24 0.21 0.00	28.83 -0.01 0.00	24.59 -0.18 0.00	24.77 -0.30 -0.09	25.73 -0.22 -1.86	26.94 -0.38 0.00	28.53 -0.30 0.00	24.90 -0.17 0.00	30.55 -0.26 0.02	30.72 -0.28 0.00	30.60 -0.17 0.11	30.37 -0.04 0.00	30.86 0.05 0.06	30.02 0.09 0.43	27.27 -0.01 0.00	24.99 -0.07 0.00	21.71 -0.05 0.00
MILLIKEN___DIESEL 23629	24.78 0.62 0.00	16.93 0.36 -0.51	18.22 0.40 0.00	22.98 0.50 0.00	23.79 0.48 0.00	24.50 0.54 0.00	32.16 0.55 0.00	37.24 0.21 0.00	28.83 -0.01 0.00	24.59 -0.18 0.00	24.77 -0.30 -0.09	25.73 -0.22 -1.86	26.94 -0.38 0.00	28.53 -0.30 0.00	24.90 -0.17 0.00	30.55 -0.26 0.02	30.72 -0.28 0.00	30.60 -0.17 0.11	30.37 -0.04 0.00	30.86 0.05 0.06	30.02 0.09 0.43	27.27 -0.01 0.00	24.99 -0.07 0.00	21.71 -0.05 0.00
MILLSEAT___LFGE 323607	24.10 -0.05 0.00	16.19 -0.39 -0.53	17.42 -0.40 0.00	21.94 -0.54 0.00	22.67 -0.63 0.00	23.51 -0.44 0.00	31.20 -0.42 0.00	36.08 -0.96 0.00	27.90 -0.94 0.00	23.44 -1.33 0.00	23.29 -1.44 0.25	18.04 -1.11 4.93	25.74 -1.59 0.00	27.33 -1.50 0.00	23.86 -1.20 0.00	29.17 -1.64 0.02	28.85 -2.15 0.00	28.80 -1.92 0.16	28.65 -1.76 0.00	29.22 -1.57 0.08	28.30 -1.47 0.60	25.87 -1.41 0.00	23.63 -1.43 0.00	20.21 -1.52 0.01
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	25.63 1.48 0.00	17.66 1.13 -0.49	19.02 1.20 0.00	24.01 1.53 0.00	24.77 1.46 0.00	25.39 1.43 0.00	33.00 1.39 0.00	38.51 1.48 0.00	30.17 1.33 0.00	26.10 1.33 0.00	26.42 1.45 0.00	25.48 1.40 0.00	28.87 1.55 0.00	30.50 1.68 0.00	26.62 1.56 0.00	32.86 2.05 0.02	32.91 1.91 0.00	32.61 1.87 0.14	32.13 1.71 0.00	32.38 1.58 0.07	31.43 1.59 0.53	28.52 1.25 0.00	26.30 1.23 0.00	22.98 1.23 0.00
MILLWOOD_13_KV_LOAD 356217	25.66 1.50 0.00	17.69 1.14 -0.49	19.04 1.22 0.00	24.04 1.56 0.00	24.80 1.49 0.00	25.42 1.46 0.00	33.05 1.43 0.00	38.56 1.52 0.00	30.21 1.38 0.00	26.14 1.37 0.00	26.46 1.49 0.00	25.52 1.43 0.00	28.91 1.58 0.00	30.54 1.72 0.00	26.66 1.60 0.00	32.91 2.10 0.02	32.95 1.95 0.00	32.66 1.92 0.14	32.18 1.77 0.00	32.43 1.64 0.07	31.47 1.64 0.53	28.56 1.29 0.00	26.33 1.27 0.00	23.00 1.26 0.00
MODEL_CITY_ENERGY 24167	23.41 -0.74 0.00	15.71 -0.87 -0.53	16.88 -0.94 0.00	21.26 -1.22 0.00	21.96 -1.35 0.00	22.76 -1.19 0.00	30.18 -1.44 0.00	34.93 -2.11 0.00	27.21 -1.63 0.00	22.86 -1.91 0.00	22.68 -1.97 0.32	16.23 -1.52 6.34	25.15 -2.17 0.00	26.67 -2.16 0.00	23.32 -1.74 0.00	28.32 -2.49 0.02	28.00 -3.00 0.00	27.77 -2.95 0.16	27.56 -2.85 0.00	28.08 -2.70 0.08	27.17 -2.59 0.61	24.89 -2.38 0.00	22.77 -2.29 0.00	19.47 -2.26 0.01
MODERN_LFGE___ 323580	23.41 -0.74 0.00	15.71 -0.87 -0.53	16.88 -0.94 0.00	21.26 -1.22 0.00	21.96 -1.35 0.00	22.76 -1.19 0.00	30.18 -1.44 0.00	34.93 -2.11 0.00	27.21 -1.63 0.00	22.86 -1.91 0.00	22.68 -1.97 0.32	16.23 -1.52 6.34	25.15 -2.17 0.00	26.67 -2.16 0.00	23.32 -1.74 0.00	28.32 -2.49 0.02	28.00 -3.00 0.00	27.77 -2.95 0.16	27.56 -2.85 0.00	28.08 -2.70 0.08	27.17 -2.59 0.61	24.89 -2.38 0.00	22.77 -2.29 0.00	19.47 -2.26 0.01
MOHAWK_PAPER___DRP 24187	25.04 0.89 0.00	17.31 0.73 -0.53	18.65 0.83 0.00	23.54 1.07 0.00	24.27 0.96 0.00	24.86 0.91 0.00	32.29 0.67 0.00	37.58 0.54 0.00	29.29 0.45 0.00	25.19 0.42 0.00	25.41 0.44 0.00	24.52 0.44 0.00	27.86 0.53 0.00	29.40 0.58 0.00	25.56 0.50 0.00	31.49 0.68 0.02	31.65 0.65 0.00	31.38 0.65 0.15	30.99 0.57 0.00	31.26 0.47 0.08	30.33 0.54 0.58	27.68 0.41 0.00	25.54 0.48 0.00	22.26 0.52 0.00
MOHICAN___35_KV_115KV_LD 80490	25.67 1.52 0.00	17.68 1.08 -0.54	19.04 1.23 0.00	24.04 1.56 0.00	24.79 1.48 0.00	25.46 1.50 0.00	33.04 1.42 0.00	38.36 1.33 0.00	29.85 1.01 0.00	25.55 0.78 0.00	25.77 0.80 0.00	25.02 0.93 0.00	28.45 1.13 0.00	30.03 1.20 0.00	25.96 0.90 0.00	31.95 1.14 0.02	32.32 1.32 0.00	32.05 1.32 0.16	31.73 1.31 0.00	32.10 1.32 0.08	31.26 1.49 0.59	28.57 1.29 0.00	26.30 1.23 0.00	22.88 1.13 0.00
MONGAUP___HYD 23641	25.53 1.37 0.00	17.53 1.01 -0.47	18.90 1.09 0.00	23.86 1.39 0.00	24.63 1.33 0.00	25.27 1.31 0.00	32.94 1.32 0.00	38.42 1.39 0.00	29.92 1.08 0.00	25.59 0.83 0.00	25.69 0.72 0.00	24.80 0.71 0.00	28.12 0.80 0.00	29.69 0.87 0.00	25.89 0.83 0.00	31.67 0.86 0.02	31.82 0.83 0.00	31.76 1.01 0.14	31.13 0.71 0.00	31.46 0.67 0.07	30.60 0.75 0.51	27.94 0.67 0.00	26.17 1.11 0.00	22.85 1.10 0.00
MONTAUK___DIESEL 23721	25.80 1.64 0.00	17.78 1.24 -0.49	18.90 1.08 0.00	23.78 1.30 0.00	24.60 1.29 0.00	25.51 1.56 0.00	33.12 1.51 0.00	39.83 2.14 -0.67	31.02 1.86 -0.33	27.88 2.48 -0.64	35.30 2.33 -8.00	25.95 1.73 -0.14	30.03 1.98 -0.73	30.26 1.66 0.22	26.74 1.68 0.00	33.25 2.44 0.02	33.45 2.45 0.00	33.32 2.58 0.14	33.02 2.60 0.00	33.65 2.85 0.07	32.49 2.66 0.53	29.32 2.05 0.00	27.28 2.21 0.00	23.82 2.08 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	24.04 -0.11 0.00	16.22 -0.36 -0.53	17.48 -0.34 0.00	22.12 -0.36 0.00	22.80 -0.51 0.00	23.58 -0.38 0.00	31.12 -0.49 0.00	36.13 -0.90 0.00	28.38 -0.46 0.00	24.13 -0.64 0.00	23.77 -0.96 0.24	18.24 -0.88 4.96	26.26 -1.07 0.00	28.07 -0.76 0.00	24.60 -0.45 0.00	29.85 -0.95 0.02	29.57 -1.43 0.00	29.07 -1.65 0.16	28.68 -1.73 0.00	29.23 -1.55 0.08	28.08 -1.67 0.60	25.54 -1.73 0.00	23.47 -1.59 0.00	19.80 -1.94 0.01



MORRIS_RIDGE___SOLAR 323848	23.83 -0.33 0.00	16.08 -0.50 -0.53	17.26 -0.56 0.00	21.83 -0.65 0.00	22.60 -0.70 0.00	23.32 -0.64 0.00	30.79 -0.82 0.00	35.52 -1.51 0.00	27.16 -1.68 0.00	23.03 -1.74 0.00	20.95 -1.92 2.10	-19.76 -1.73 42.11	25.27 -2.05 0.00	26.83 -2.00 0.00	23.56 -1.51 0.00	29.00 -1.81 0.02	28.99 -2.00 0.00	28.94 -1.78 0.16	28.63 -1.78 0.00	29.24 -1.54 0.08	28.24 -1.53 0.59	25.74 -1.53 0.00	23.72 -1.34 0.00	20.16 -1.49 0.10
MORTIMER_115KV_TB3 55949	24.03 -0.13 0.00	16.29 -0.29 -0.52	17.52 -0.30 0.00	22.08 -0.40 0.00	22.83 -0.48 0.00	23.58 -0.37 0.00	31.15 -0.47 0.00	36.12 -0.92 0.00	28.06 -0.77 0.00	23.85 -0.92 0.00	23.97 -1.00 0.00	23.19 -0.89 0.00	26.27 -1.05 0.00	27.80 -1.02 0.00	24.22 -0.84 0.00	29.63 -1.18 0.02	29.46 -1.54 0.00	29.32 -1.41 0.16	29.07 -1.35 0.00	29.53 -1.26 0.08	28.58 -1.20 0.59	26.13 -1.15 0.00	23.89 -1.17 0.00	20.59 -1.16 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	25.78 1.62 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.74 1.71 0.00	30.40 1.57 0.00	26.32 1.55 0.00	26.65 1.67 0.00	25.70 1.61 0.00	29.11 1.79 0.00	30.74 1.91 0.00	26.83 1.78 0.00	33.14 2.33 0.02	33.17 2.17 0.00	32.87 2.13 0.14	32.37 1.96 0.00	32.61 1.82 0.07	31.65 1.82 0.53	28.71 1.43 0.00	26.47 1.40 0.00	23.14 1.39 0.00
MUNSVILLE_WIND_PWR 323609	25.87 1.72 0.00	17.58 1.00 -0.53	18.89 1.07 0.00	23.88 1.40 0.00	24.81 1.51 0.00	25.65 1.70 0.00	33.87 2.26 0.00	39.26 2.22 0.00	30.16 1.33 0.00	25.66 0.89 0.00	25.83 0.79 -0.07	26.38 0.98 -1.32	28.03 0.70 0.00	29.62 0.79 0.00	25.98 0.92 0.00	31.93 1.12 0.02	32.30 1.30 0.00	32.14 1.40 0.15	32.00 1.58 0.00	32.81 2.02 0.08	31.79 1.98 0.56	28.73 1.45 0.00	26.25 1.19 0.00	22.71 0.96 0.00
N SALMON___HYD 24042	23.20 -0.96 0.00	10.40 -0.76 4.90	17.02 -0.79 0.00	21.51 -0.97 0.00	22.40 -0.90 0.00	23.27 -0.69 0.00	31.44 -0.18 0.00	37.48 0.44 0.00	29.00 0.16 0.00	24.94 0.17 0.00	25.09 0.12 0.00	24.11 0.03 0.00	27.39 0.07 0.00	28.82 0.00 0.00	25.00 -0.06 0.00	30.78 -0.04 0.01	31.21 0.21 0.00	30.96 0.15 0.07	30.72 0.31 0.00	31.44 0.61 0.04	30.63 0.52 0.25	27.98 0.70 0.00	25.50 0.43 0.00	21.83 0.08 0.00
N.AKRON__115KV_KNAPP 355671	24.06 -0.10 0.00	16.15 -0.43 -0.53	17.38 -0.43 0.00	21.89 -0.59 0.00	22.62 -0.68 0.00	23.46 -0.50 0.00	31.12 -0.50 0.00	36.00 -1.03 0.00	27.89 -0.95 0.00	23.44 -1.33 0.00	23.28 -1.43 0.27	17.65 -1.11 5.32	25.76 -1.56 0.00	27.33 -1.49 0.00	23.88 -1.19 0.00	29.12 -1.68 0.02	28.89 -2.10 0.00	28.72 -1.86 0.16	28.56 -1.67 0.00	29.11 -1.67 0.08	28.19 -1.57 0.60	25.79 -1.48 0.00	23.56 -1.51 0.00	20.15 -1.58 0.01
N.E_GEN_SANDY PD 24062	25.30 1.15 0.00	17.48 0.91 -0.51	18.84 1.02 0.00	23.81 1.33 0.00	24.52 1.21 0.00	25.36 1.16 -0.24	32.19 0.89 0.31	37.86 0.83 0.00	29.55 0.72 0.00	25.48 0.71 0.00	25.76 0.79 0.00	24.86 0.77 0.00	28.92 0.91 -0.68	29.35 0.99 0.46	25.91 0.85 0.00	31.94 1.13 0.02	32.05 1.06 0.00	31.74 1.01 0.15	31.35 0.94 0.00	31.60 0.81 0.08	30.69 0.88 0.56	27.96 0.69 0.00	26.18 0.75 -0.36	22.34 0.82 0.22
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	25.53 1.37 0.00	17.55 1.03 -0.47	18.91 1.09 0.00	23.88 1.40 0.00	24.65 1.34 0.00	25.28 1.32 0.00	32.91 1.30 0.00	38.40 1.37 0.00	30.03 1.20 0.00	25.97 1.20 0.00	26.30 1.33 0.00	25.36 1.28 0.00	28.76 1.43 0.00	30.43 1.61 0.00	26.57 1.51 0.00	32.81 2.00 0.02	32.86 1.87 0.00	32.59 1.84 0.14	32.06 1.65 0.00	32.30 1.51 0.07	31.38 1.53 0.52	28.42 1.15 0.00	26.20 1.13 0.00	22.85 1.10 0.00
N.QUEENS_27_KV_LOAD 356247	25.87 1.72 0.00	17.82 1.28 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.95 1.64 0.00	25.54 1.59 0.00	33.25 1.64 0.00	38.77 1.74 0.00	30.50 1.66 0.00	26.37 1.60 0.00	26.71 1.74 0.00	25.72 1.63 0.00	29.10 1.78 0.00	30.73 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.14 2.15 0.00	32.88 2.14 0.14	32.34 1.93 0.00	32.63 1.84 0.07	31.65 1.82 0.53	28.69 1.42 0.00	26.46 1.40 0.00	23.19 1.45 0.00
N.TROY___115KV_TB1 355778	25.15 1.00 0.00	17.37 0.78 -0.54	18.71 0.90 0.00	23.63 1.16 0.00	24.35 1.05 0.00	24.97 1.02 0.00	32.41 0.79 0.00	37.71 0.68 0.00	29.36 0.52 0.00	25.24 0.47 0.00	25.46 0.49 0.00	24.58 0.50 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.61 0.55 0.00	31.56 0.75 0.02	31.74 0.74 0.00	31.46 0.73 0.16	31.10 0.69 0.00	31.38 0.59 0.08	30.46 0.68 0.59	27.82 0.54 0.00	25.65 0.59 0.00	22.37 0.62 0.00
NARROWS_GT1_1 24228	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_2 24229	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_3 24230	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_4 24231	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_5 24232	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00



NARROWS_GT1_6 24233	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_7 24234	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT1_8 24235	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_1 24236	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_2 24237	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_3 24238	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_4 24239	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_5 24240	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_6 24241	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_7 24242	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NARROWS_GT2_8 24243	26.03 1.86 -0.01	17.90 1.36 -0.50	19.27 1.44 -0.01	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.40 1.63 0.00	26.73 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.00 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.31 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	25.29 1.13 0.00	17.45 0.88 -0.52	18.82 1.00 0.00	23.77 1.29 0.00	24.49 1.19 0.00	25.12 1.16 0.00	32.67 1.06 0.00	38.03 1.00 0.00	29.44 0.60 0.00	25.19 0.42 0.00	25.39 0.42 0.00	24.53 0.45 0.00	27.83 0.51 0.00	29.51 0.69 0.00	25.66 0.61 0.00	31.67 0.86 0.02	31.85 0.86 0.00	31.89 1.15 0.15	31.49 1.08 0.00	31.79 1.01 0.08	30.87 1.07 0.56	28.17 0.90 0.00	25.97 0.91 0.00	22.58 0.84 0.00
NCHELSEA_115KV_TR2 355582	25.71 1.56 0.00	17.70 1.16 -0.49	19.07 1.26 0.00	24.08 1.60 0.00	24.84 1.53 0.00	25.47 1.51 0.00	33.11 1.50 0.00	38.63 1.60 0.00	30.25 1.41 0.00	26.11 1.34 0.00	26.41 1.44 0.00	25.50 1.42 0.00	28.89 1.57 0.00	30.55 1.72 0.00	26.66 1.60 0.00	32.91 2.10 0.02	33.02 2.03 0.00	32.73 1.99 0.14	32.27 1.86 0.00	32.53 1.74 0.07	31.58 1.75 0.53	28.66 1.39 0.00	26.40 1.34 0.00	23.04 1.30 0.00
NEG CAPITAL____MECHNVIL 23645	25.50 1.34 0.00	17.56 0.97 -0.54	18.93 1.10 0.00	23.89 1.41 0.00	24.64 1.33 0.00	25.29 1.33 0.00	32.88 1.27 0.00	38.27 1.24 0.00	29.74 0.90 0.00	25.52 0.75 0.00	25.73 0.76 0.00	24.90 0.82 0.00	28.31 0.98 0.00	29.90 1.07 0.00	25.92 0.85 0.00	31.93 1.13 0.02	32.19 1.19 0.00	31.96 1.23 0.16	31.60 1.18 0.00	31.93 1.15 0.08	31.01 1.24 0.59	28.31 1.04 0.00	26.07 1.00 0.00	22.69 0.94 0.00
NEG CENTRAL_HIGH_ACRES 23767	23.64 -0.52 0.00	16.07 -0.50 -0.52	17.29 -0.53 0.00	21.78 -0.69 0.00	22.53 -0.78 0.00	23.26 -0.69 0.00	30.70 -0.92 0.00	35.61 -1.42 0.00	27.66 -1.18 0.00	23.52 -1.25 0.00	23.65 -1.33 0.00	22.88 -1.20 0.00	25.91 -1.42 0.00	27.40 -1.42 0.00	23.86 -1.20 0.00	29.25 -1.56 0.02	29.17 -1.83 0.00	29.02 -1.72 0.14	28.78 -1.64 0.00	29.21 -1.58 0.07	28.30 -1.53 0.54	25.82 -1.45 0.00	23.61 -1.45 0.00	20.39 -1.36 0.00



NEG CENTRAL___DRP 24199	24.29 0.14 0.00	16.55 -0.01 -0.50	17.81 -0.01 0.00	22.44 -0.04 0.00	23.24 -0.07 0.00	23.96 0.00 0.00	31.52 -0.09 0.00	36.54 -0.49 0.00	28.29 -0.54 0.00	24.12 -0.65 0.00	24.32 -0.77 -0.12	25.81 -0.68 -2.41	26.48 -0.84 0.00	28.03 -0.80 0.00	24.44 -0.62 0.00	30.00 -0.81 0.01	30.06 -0.94 0.00	29.97 -0.83 0.08	29.68 -0.73 0.00	30.16 -0.67 0.04	29.42 -0.64 0.30	26.62 -0.65 0.00	24.42 -0.64 0.00	21.17 -0.59 -0.01
NEG CENTRAL___INDECK 23768	24.61 0.45 0.00	16.62 0.04 -0.53	17.87 0.05 0.00	22.55 0.07 0.00	23.36 0.05 0.00	24.15 0.20 0.00	32.00 0.38 0.00	36.85 -0.18 0.00	28.13 -0.70 0.00	23.85 -0.92 0.00	25.20 -1.09 -1.31	49.45 -0.95 -26.31	26.22 -1.10 0.00	27.83 -1.00 0.00	24.30 -0.76 0.00	29.93 -0.88 0.02	29.80 -1.19 0.00	29.98 -0.74 0.15	29.80 -0.62 0.00	30.43 -0.37 0.08	29.48 -0.30 0.58	26.83 -0.44 0.00	24.60 -0.47 0.00	21.12 -0.69 -0.06
NEG CENTRAL___SENECA 23627	24.35 0.19 0.00	16.57 0.00 -0.51	17.80 -0.02 0.00	22.46 -0.02 0.00	23.25 -0.06 0.00	23.99 0.03 0.00	31.60 -0.02 0.00	36.63 -0.40 0.00	28.32 -0.52 0.00	24.09 -0.68 0.00	24.32 -0.85 -0.19	27.19 -0.74 -3.85	26.43 -0.90 0.00	27.99 -0.84 0.00	24.41 -0.65 0.00	29.97 -0.84 0.02	29.99 -1.01 0.00	29.91 -0.86 0.12	29.65 -0.76 0.00	30.17 -0.63 0.06	29.29 -0.63 0.45	26.62 -0.65 0.00	24.42 -0.64 0.00	21.11 -0.65 -0.01
NEG CENTRAL___STATE_STREET 24147	24.45 0.29 0.00	16.68 0.14 -0.49	17.99 0.17 0.00	22.61 0.13 0.00	23.42 0.11 0.00	24.17 0.21 0.00	31.74 0.12 0.00	36.79 -0.24 0.00	28.48 -0.35 0.00	24.33 -0.44 0.00	24.46 -0.51 0.00	23.64 -0.44 0.00	26.67 -0.65 0.00	28.26 -0.57 0.00	24.62 -0.44 0.00	30.22 -0.59 0.01	30.35 -0.65 0.00	30.31 -0.52 0.06	29.99 -0.42 0.00	30.36 -0.48 0.03	29.78 -0.37 0.21	26.89 -0.39 0.00	24.60 -0.47 0.00	21.38 -0.37 0.00
NEG MILLWOOD___DRP 24198	25.79 1.63 0.00	17.76 1.22 -0.49	19.13 1.31 0.00	24.15 1.67 0.00	24.91 1.60 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.78 1.75 0.00	30.38 1.55 0.00	26.27 1.50 0.00	26.56 1.59 0.00	25.63 1.55 0.00	29.05 1.72 0.00	30.72 1.89 0.00	26.79 1.73 0.00	33.06 2.24 0.02	33.14 2.15 0.00	32.85 2.11 0.14	32.39 1.98 0.00	32.65 1.86 0.07	31.69 1.86 0.54	28.77 1.49 0.00	26.50 1.43 0.00	23.13 1.39 0.00
NEG NORTH_FLCN_SEA 23793	23.49 -0.67 0.00	10.22 -0.55 5.28	17.25 -0.57 0.00	21.82 -0.66 0.00	22.63 -0.67 0.00	23.48 -0.47 0.00	31.69 0.08 0.00	37.66 0.63 0.00	29.16 0.32 0.00	25.07 0.30 0.00	25.33 0.36 0.00	24.37 0.29 0.00	27.68 0.35 0.00	29.22 0.40 0.00	25.29 0.23 0.00	31.19 0.37 0.01	31.67 0.67 0.00	31.37 0.55 0.06	31.08 0.67 0.00	31.71 0.88 0.04	30.99 0.87 0.24	28.22 0.95 0.00	25.81 0.74 0.00	22.15 0.40 0.00
NEG NORTH_KES_CHATEGAY 23792	23.22 -0.93 0.00	10.15 -0.72 5.18	17.07 -0.75 0.00	21.58 -0.90 0.00	22.47 -0.84 0.00	23.31 -0.65 0.00	31.45 -0.16 0.00	37.40 0.36 0.00	28.95 0.11 0.00	24.89 0.12 0.00	25.06 0.08 0.00	24.08 0.00 0.00	27.40 0.07 0.00	28.89 0.07 0.00	25.06 0.01 0.00	30.85 0.03 0.01	31.27 0.27 0.00	31.03 0.22 0.06	30.76 0.35 0.00	31.41 0.58 0.04	30.65 0.53 0.25	27.94 0.67 0.00	25.51 0.45 0.00	21.91 0.16 0.00
NEG NORTH___ALICE_FALLS 23915	23.47 -0.69 0.00	10.22 -0.57 5.26	17.24 -0.58 0.00	21.80 -0.68 0.00	22.64 -0.67 0.00	23.50 -0.46 0.00	31.74 0.12 0.00	37.73 0.70 0.00	29.19 0.35 0.00	25.08 0.31 0.00	25.33 0.36 0.00	24.36 0.28 0.00	27.66 0.34 0.00	29.22 0.39 0.00	25.29 0.23 0.00	31.17 0.34 0.01	31.64 0.64 0.00	31.37 0.55 0.06	31.07 0.66 0.00	31.75 0.92 0.04	31.03 0.91 0.24	28.27 0.99 0.00	25.82 0.76 0.00	22.16 0.42 0.00
NEG NORTH___LWR_SARANAC 23913	23.47 -0.69 0.00	10.22 -0.57 5.26	17.24 -0.58 0.00	21.80 -0.68 0.00	22.64 -0.67 0.00	23.50 -0.46 0.00	31.74 0.12 0.00	37.73 0.70 0.00	29.19 0.35 0.00	25.08 0.31 0.00	25.33 0.36 0.00	24.36 0.28 0.00	27.66 0.34 0.00	29.22 0.39 0.00	25.29 0.23 0.00	31.17 0.34 0.01	31.64 0.64 0.00	31.37 0.55 0.06	31.07 0.66 0.00	31.75 0.92 0.04	31.03 0.91 0.24	28.27 0.99 0.00	25.82 0.76 0.00	22.16 0.42 0.00
NEG NORTH___PLATTSBURG 23628	23.47 -0.69 0.00	10.22 -0.57 5.26	17.24 -0.57 0.00	21.80 -0.68 0.00	22.64 -0.67 0.00	23.50 -0.46 0.00	31.74 0.12 0.00	37.73 0.70 0.00	29.19 0.35 0.00	25.08 0.32 0.00	25.33 0.36 0.00	24.36 0.28 0.00	27.66 0.34 0.00	29.22 0.39 0.00	25.29 0.23 0.00	31.17 0.34 0.01	31.64 0.64 0.00	31.36 0.55 0.06	31.07 0.66 0.00	31.75 0.92 0.04	31.03 0.91 0.24	28.27 1.00 0.00	25.82 0.76 0.00	22.16 0.42 0.00
NEG WEST_LEA_LOCKPORT 23791	23.62 -0.53 0.00	15.85 -0.73 -0.53	17.05 -0.77 0.00	21.47 -1.01 0.00	22.18 -1.13 0.00	22.98 -0.97 0.00	30.48 -1.13 0.00	35.26 -1.77 0.00	27.43 -1.41 0.00	23.07 -1.70 0.00	22.84 -1.79 0.34	15.80 -1.45 6.84	25.38 -1.95 0.00	26.90 -1.92 0.00	23.53 -1.54 0.00	28.60 -2.21 0.02	28.27 -2.73 0.00	28.07 -2.65 0.16	27.85 -2.56 0.00	28.39 -2.39 0.08	27.47 -2.29 0.60	25.17 -2.11 0.00	23.01 -2.05 0.00	19.67 -2.06 0.02
NEG WEST___LANCASTR 23811	24.18 0.03 0.00	16.30 -0.27 -0.53	17.54 -0.28 0.00	22.13 -0.35 0.00	22.85 -0.45 0.00	23.64 -0.32 0.00	31.32 -0.29 0.00	36.32 -0.71 0.00	28.27 -0.57 0.00	23.98 -0.79 0.00	23.74 -0.94 0.30	17.42 -0.76 5.91	26.30 -1.03 0.00	27.85 -0.97 0.00	24.29 -0.77 0.00	29.56 -1.25 0.02	29.29 -1.71 0.00	29.05 -1.68 0.16	28.73 -1.69 0.00	29.28 -1.50 0.08	28.33 -1.43 0.60	25.91 -1.36 0.00	23.71 -1.35 0.00	20.34 -1.40 0.01
NEG_PENN_ALLEGHNY 23528	24.51 0.35 0.00	16.79 0.21 -0.53	18.06 0.24 0.00	22.82 0.35 0.00	23.58 0.27 0.00	24.24 0.29 0.00	31.78 0.17 0.00	36.87 -0.16 0.00	28.64 -0.20 0.00	24.57 -0.20 0.00	24.68 -0.29 0.00	23.88 -0.21 0.00	27.03 -0.30 0.00	28.56 -0.26 0.00	24.89 -0.17 0.00	30.51 -0.29 0.02	30.60 -0.40 0.00	30.34 -0.38 0.16	29.98 -0.44 0.00	30.43 -0.36 0.08	29.41 -0.35 0.60	26.89 -0.38 0.00	24.73 -0.34 0.00	21.48 -0.27 0.00
NEG___GEN_MONROE 24207	24.20 0.05 0.00	16.37 -0.21 -0.52	17.61 -0.21 0.00	22.18 -0.30 0.00	22.94 -0.37 0.00	23.71 -0.25 0.00	31.37 -0.25 0.00	36.34 -0.69 0.00	28.15 -0.69 0.00	23.86 -0.91 0.00	23.97 -1.01 0.00	23.20 -0.88 0.00	26.23 -1.09 0.00	27.77 -1.05 0.00	24.20 -0.86 0.00	29.65 -1.16 0.02	29.46 -1.54 0.00	29.39 -1.34 0.16	29.17 -1.24 0.00	29.67 -1.12 0.08	28.73 -1.04 0.59	26.25 -1.02 0.00	24.00 -1.07 0.00	20.65 -1.10 0.00
NEPA___ENERGY 23901	24.06 -0.09 0.00	16.30 -0.28 -0.53	17.53 -0.29 0.00	22.16 -0.32 0.00	22.84 -0.46 0.00	23.64 -0.31 0.00	31.20 -0.42 0.00	36.04 -0.99 0.00	28.04 -0.80 0.00	23.91 -0.86 0.00	23.62 -1.06 0.29	17.39 -0.89 5.80	26.16 -1.16 0.00	27.78 -1.04 0.00	24.29 -0.78 0.00	29.51 -1.30 0.02	29.29 -1.70 0.00	28.95 -1.77 0.16	28.51 -1.91 0.00	29.11 -1.67 0.08	28.07 -1.69 0.60	25.68 -1.60 0.00	23.59 -1.47 0.00	20.20 -1.53 0.01



NEVERSINK___HYD 23608	25.21 1.06 0.00	17.33 0.81 -0.47	18.70 0.88 0.00	23.62 1.14 0.00	24.40 1.09 0.00	25.03 1.07 0.00	32.62 1.01 0.00	38.04 1.01 0.00	29.77 0.94 0.00	25.78 1.02 0.00	26.02 1.05 0.00	25.08 0.99 0.00	28.40 1.08 0.00	29.92 1.10 0.00	26.03 0.97 0.00	32.15 1.34 0.02	32.37 1.37 0.00	32.13 1.38 0.14	31.71 1.30 0.00	31.99 1.19 0.07	31.08 1.23 0.51	28.18 0.91 0.00	25.95 0.89 0.00	22.61 0.86 0.00
NEWKRMKL_115KV_TB1 55635	24.82 0.67 0.00	17.19 0.61 -0.53	18.51 0.69 0.00	23.37 0.89 0.00	24.08 0.77 0.00	24.66 0.71 0.00	32.02 0.40 0.00	37.26 0.23 0.00	29.06 0.22 0.00	25.00 0.23 0.00	25.24 0.26 0.00	24.36 0.27 0.00	27.64 0.32 0.00	29.20 0.37 0.00	25.38 0.33 0.00	31.27 0.46 0.02	31.42 0.43 0.00	31.11 0.38 0.15	30.71 0.30 0.00	30.98 0.19 0.08	30.04 0.25 0.58	27.42 0.14 0.00	25.33 0.27 0.00	22.08 0.34 0.00
NEWTON___FALLS_HYD 23847	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.74 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.59 -0.23 0.05	29.74 -0.30 0.32	27.07 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
NGRID_A1_DSASP 323792	23.46 -0.69 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.82 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.07 0.00	27.18 -1.65 0.00	22.88 -1.89 0.00	22.71 -1.95 0.32	16.11 -1.61 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.72 0.00	28.33 -2.48 0.02	27.97 -3.03 0.00	27.72 -3.00 0.16	27.50 -2.92 0.00	28.02 -2.76 0.08	27.08 -2.68 0.61	24.82 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
NGRID_A2_DSASP 323793	23.46 -0.69 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.82 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.07 0.00	27.18 -1.65 0.00	22.88 -1.89 0.00	22.71 -1.95 0.32	16.11 -1.61 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.72 0.00	28.33 -2.48 0.02	27.97 -3.03 0.00	27.72 -3.00 0.16	27.50 -2.92 0.00	28.02 -2.76 0.08	27.08 -2.68 0.61	24.82 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
NGRID_A4_DSASP 323807	23.46 -0.69 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.82 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.07 0.00	27.18 -1.65 0.00	22.88 -1.89 0.00	22.71 -1.95 0.32	16.11 -1.61 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.72 0.00	28.33 -2.48 0.02	27.97 -3.03 0.00	27.72 -3.00 0.16	27.50 -2.92 0.00	28.02 -2.76 0.08	27.08 -2.68 0.61	24.82 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
NIAGARA_115E_LBMP 323715	23.30 -0.86 0.00	15.63 -0.96 -0.53	16.79 -1.03 0.00	21.15 -1.33 0.00	21.84 -1.47 0.00	22.64 -1.32 0.00	30.01 -1.60 0.00	34.74 -2.29 0.00	27.08 -1.75 0.00	22.75 -2.02 0.00	22.58 -2.07 0.32	16.08 -1.59 6.41	25.03 -2.29 0.00	26.53 -2.29 0.00	23.22 -1.84 0.00	28.17 -2.64 0.02	27.85 -3.15 0.00	27.61 -3.12 0.16	27.38 -3.03 0.00	27.90 -2.89 0.08	26.99 -2.77 0.61	24.74 -2.54 0.00	22.63 -2.43 0.00	19.37 -2.37 0.01
NIAGARA_115W_LBMP 323714	23.41 -0.75 0.00	15.73 -0.85 -0.53	16.92 -0.90 0.00	21.29 -1.19 0.00	21.98 -1.33 0.00	22.76 -1.20 0.00	30.21 -1.40 0.00	34.86 -2.17 0.00	27.09 -1.75 0.00	22.81 -1.96 0.00	22.63 -2.02 0.32	16.10 -1.66 6.32	25.12 -2.20 0.00	26.62 -2.21 0.00	23.26 -1.81 0.00	28.23 -2.58 0.02	27.88 -3.12 0.00	27.63 -3.10 0.16	27.40 -3.01 0.00	27.91 -2.87 0.08	26.98 -2.77 0.61	24.73 -2.55 0.00	22.63 -2.44 0.00	19.36 -2.37 0.01
NIAGARA_230_LBMP 323716	23.46 -0.69 0.00	15.78 -0.81 -0.53	16.97 -0.85 0.00	21.37 -1.11 0.00	22.06 -1.25 0.00	22.84 -1.12 0.00	30.30 -1.32 0.00	35.07 -1.96 0.00	27.32 -1.52 0.00	23.02 -1.75 0.00	22.84 -1.83 0.30	16.41 -1.58 6.09	25.35 -1.97 0.00	26.86 -1.96 0.00	23.46 -1.60 0.00	28.51 -2.30 0.02	28.15 -2.85 0.00	27.90 -2.82 0.16	27.68 -2.74 0.00	28.20 -2.58 0.08	27.27 -2.48 0.61	24.99 -2.29 0.00	22.85 -2.21 0.00	19.55 -2.18 0.01
NIAGARA___115KV_198_GIBSON 55903	23.41 -0.75 0.00	15.73 -0.85 -0.53	16.92 -0.90 0.00	21.29 -1.19 0.00	21.98 -1.33 0.00	22.76 -1.20 0.00	30.21 -1.40 0.00	34.86 -2.17 0.00	27.09 -1.75 0.00	22.81 -1.96 0.00	22.63 -2.02 0.32	16.07 -1.70 6.32	25.13 -2.20 0.00	26.61 -2.21 0.00	23.26 -1.81 0.00	28.22 -2.58 0.02	27.86 -3.14 0.00	27.62 -3.10 0.16	27.39 -3.02 0.00	27.91 -2.87 0.08	26.99 -2.77 0.61	24.73 -2.54 0.00	22.63 -2.44 0.00	19.36 -2.37 0.01
NIAGARA____ 23760	23.46 -0.69 0.00	15.78 -0.81 -0.53	16.97 -0.85 0.00	21.37 -1.11 0.00	22.06 -1.25 0.00	22.84 -1.12 0.00	30.30 -1.32 0.00	35.07 -1.96 0.00	27.32 -1.52 0.00	23.02 -1.75 0.00	22.84 -1.83 0.31	16.36 -1.58 6.14	25.35 -1.97 0.00	26.86 -1.96 0.00	23.46 -1.60 0.00	28.51 -2.30 0.02	28.15 -2.85 0.00	27.90 -2.82 0.16	27.68 -2.74 0.00	28.20 -2.58 0.08	27.27 -2.48 0.61	24.99 -2.29 0.00	22.85 -2.21 0.00	19.55 -2.18 0.01
NINE_MILE_1 23575	23.72 -0.44 0.00	16.24 -0.31 -0.50	17.48 -0.34 0.00	22.06 -0.42 0.00	22.83 -0.48 0.00	23.47 -0.48 0.00	30.77 -0.84 0.00	35.71 -1.32 0.00	27.80 -1.04 0.00	23.83 -0.94 0.00	24.00 -0.98 0.00	23.18 -0.90 0.00	26.25 -1.08 0.00	27.70 -1.13 0.00	24.06 -0.99 0.00	29.46 -1.29 0.08	29.65 -1.35 0.00	29.02 -1.33 0.53	29.12 -1.30 0.00	29.29 -1.30 0.28	27.11 -1.26 2.00	26.10 -1.16 0.01	24.00 -1.06 0.00	20.93 -0.82 0.00
NINE_MILE_2 23744	23.72 -0.44 0.00	16.24 -0.31 -0.50	17.48 -0.34 0.00	22.06 -0.42 0.00	22.83 -0.48 0.00	23.47 -0.48 0.00	30.77 -0.84 0.00	35.72 -1.31 0.00	27.80 -1.04 0.00	23.84 -0.93 0.00	24.00 -0.98 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.07 -0.99 0.00	29.46 -1.29 0.08	29.65 -1.35 0.00	29.02 -1.33 0.53	29.12 -1.29 0.00	29.29 -1.29 0.28	27.09 -1.26 2.02	26.11 -1.16 0.01	24.00 -1.06 0.00	20.93 -0.82 0.00
NM_CAPITAL___DRP 24208	24.88 0.72 0.00	17.22 0.64 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.82 0.00	24.72 0.76 0.00	32.08 0.46 0.00	37.32 0.29 0.00	29.11 0.27 0.00	25.05 0.28 0.00	25.28 0.30 0.00	24.40 0.31 0.00	27.69 0.36 0.00	29.23 0.41 0.00	25.42 0.36 0.00	31.30 0.50 0.02	31.45 0.45 0.00	31.14 0.41 0.15	30.76 0.35 0.00	31.00 0.21 0.08	30.07 0.28 0.58	27.45 0.17 0.00	25.36 0.30 0.00	22.12 0.37 0.00
NM_CENTRAL___DRP 24181	24.27 0.12 0.00	16.59 0.05 -0.48	17.88 0.07 0.00	22.58 0.10 0.00	23.36 0.05 0.00	24.01 0.06 0.00	31.47 -0.15 0.00	36.49 -0.54 0.00	28.42 -0.42 0.00	24.35 -0.42 0.00	24.48 -0.50 0.00	23.65 -0.44 0.00	26.78 -0.55 0.00	28.31 -0.52 0.00	24.60 -0.47 0.00	30.17 -0.64 0.02	30.25 -0.75 0.00	30.04 -0.74 0.10	29.71 -0.71 0.00	30.14 -0.67 0.05	29.34 -0.64 0.39	26.64 -0.64 0.00	24.49 -0.57 0.00	21.36 -0.39 0.00



NM_FRONTIER___DRP 24179	23.41 -0.75 0.00	15.73 -0.85 -0.53	16.92 -0.90 0.00	21.29 -1.19 0.00	21.98 -1.33 0.00	22.76 -1.20 0.00	30.21 -1.40 0.00	34.86 -2.17 0.00	27.09 -1.75 0.00	22.81 -1.96 0.00	22.63 -2.02 0.32	16.07 -1.70 6.32	25.13 -2.20 0.00	26.61 -2.21 0.00	23.26 -1.81 0.00	28.22 -2.58 0.02	27.86 -3.14 0.00	27.62 -3.10 0.16	27.39 -3.02 0.00	27.91 -2.87 0.08	26.99 -2.77 0.61	24.73 -2.54 0.00	22.63 -2.44 0.00	19.36 -2.37 0.01
NM_ST_REGIS___HYD 24053	22.91 -1.25 0.00	10.85 -0.96 4.24	16.77 -1.05 0.00	21.19 -1.29 0.00	22.10 -1.21 0.00	22.95 -1.00 0.00	31.02 -0.60 0.00	37.08 0.05 0.00	28.69 -0.15 0.00	24.65 -0.12 0.00	24.79 -0.18 0.00	23.76 -0.32 0.00	27.02 -0.31 0.00	28.36 -0.46 0.00	24.58 -0.48 0.00	30.29 -0.53 0.01	30.71 -0.29 0.00	30.39 -0.42 0.07	30.21 -0.20 0.00	30.96 0.13 0.04	30.06 -0.03 0.27	27.54 0.26 0.00	25.08 0.02 0.00	21.38 -0.37 0.00
NORTHPORT___1 23551	25.84 1.69 0.00	17.89 1.35 -0.49	19.19 1.37 0.00	24.22 1.74 0.00	25.01 1.70 0.00	25.61 1.65 0.00	33.08 1.47 0.00	39.29 1.72 -0.53	30.47 1.46 -0.18	26.98 1.70 -0.51	34.34 1.91 -7.46	25.87 1.67 -0.11	29.71 1.90 -0.48	30.35 1.78 0.25	26.80 1.74 0.00	32.99 2.18 0.02	32.85 1.87 0.01	32.55 1.81 0.14	32.11 1.69 0.00	32.47 1.67 0.07	31.49 1.66 0.53	28.55 1.28 0.00	26.51 1.45 0.00	23.28 1.54 0.01
NORTHPORT___2 23552	25.84 1.69 0.00	17.89 1.35 -0.49	19.19 1.37 0.00	24.22 1.74 0.00	25.01 1.70 0.00	25.61 1.65 0.00	33.08 1.47 0.00	39.29 1.72 -0.53	30.47 1.46 -0.18	26.98 1.70 -0.51	34.34 1.91 -7.46	25.87 1.67 -0.11	29.71 1.90 -0.48	30.35 1.78 0.25	26.80 1.74 0.00	32.99 2.18 0.02	32.85 1.87 0.01	32.55 1.81 0.14	32.11 1.69 0.00	32.47 1.67 0.07	31.49 1.66 0.53	28.55 1.28 0.00	26.51 1.45 0.00	23.28 1.54 0.01
NORTHPORT___3 23553	25.75 1.60 0.00	17.81 1.27 -0.49	19.11 1.29 0.00	24.11 1.64 0.00	24.89 1.58 0.00	25.49 1.54 0.00	32.95 1.33 0.00	39.20 1.57 -0.59	30.43 1.35 -0.24	26.93 1.59 -0.57	34.55 1.81 -7.76	25.81 1.60 -0.12	29.71 1.79 -0.59	30.24 1.66 0.24	26.68 1.62 0.00	32.83 2.02 0.02	32.62 1.62 0.00	32.18 1.44 0.14	31.75 1.34 0.00	32.04 1.25 0.07	31.06 1.23 0.53	28.19 0.92 0.00	26.16 1.10 0.00	22.97 1.23 0.00
NORTHPORT___4 23650	25.75 1.60 0.00	17.81 1.27 -0.49	19.11 1.29 0.00	24.11 1.64 0.00	24.89 1.58 0.00	25.49 1.54 0.00	32.95 1.33 0.00	39.20 1.57 -0.59	30.43 1.35 -0.24	26.93 1.59 -0.57	34.55 1.81 -7.76	25.81 1.60 -0.12	29.71 1.79 -0.59	30.24 1.66 0.24	26.68 1.62 0.00	32.83 2.02 0.02	32.62 1.62 0.00	32.18 1.44 0.14	31.75 1.34 0.00	32.04 1.25 0.07	31.06 1.23 0.53	28.19 0.92 0.00	26.16 1.10 0.00	22.97 1.23 0.00
NORTHPORT___IC 23718	25.84 1.69 0.00	17.89 1.35 -0.49	19.19 1.37 0.00	24.22 1.74 0.00	25.01 1.70 0.00	25.61 1.66 0.00	33.09 1.47 0.00	39.31 1.75 -0.53	30.49 1.48 -0.18	26.97 1.69 -0.51	34.34 1.91 -7.46	25.87 1.68 -0.11	29.75 1.95 -0.48	30.35 1.78 0.25	26.80 1.74 0.00	32.99 2.18 0.02	32.87 1.87 0.00	32.56 1.81 0.14	32.11 1.70 0.00	32.47 1.68 0.07	31.49 1.66 0.53	28.55 1.27 0.00	26.51 1.45 0.00	23.31 1.57 0.01
NORTH___COUNTRY_ESR 323785	23.16 -1.00 0.00	10.12 -0.76 5.18	17.03 -0.79 0.00	21.52 -0.96 0.00	22.40 -0.91 0.00	23.25 -0.70 0.00	31.40 -0.21 0.00	37.32 0.29 0.00	28.93 0.09 0.00	24.84 0.07 0.00	25.05 0.07 0.00	24.08 0.00 0.00	27.40 0.07 0.00	28.89 0.06 0.00	25.06 0.00 0.00	30.85 0.03 0.01	31.27 0.27 0.00	31.03 0.22 0.06	30.76 0.35 0.00	31.36 0.53 0.04	30.58 0.46 0.25	27.88 0.60 0.00	25.45 0.39 0.00	21.86 0.11 0.00
NPX_GEN_1385_PROXY 323591	25.84 1.69 0.00	17.89 1.35 -0.49	19.19 1.37 0.00	24.22 1.74 0.00	25.01 1.70 0.00	23.29 1.70 2.37	31.77 1.44 1.28	40.87 1.59 -2.25	30.26 1.25 -0.18	26.79 1.51 -0.51	33.93 1.50 -7.46	25.46 1.27 -0.11	29.35 1.54 -0.48	25.70 1.27 4.40	26.55 1.48 0.00	32.68 1.87 0.02	32.42 1.43 0.01	32.21 1.47 0.14	31.87 1.46 0.00	32.32 1.52 0.07	31.38 1.55 0.53	28.40 1.13 0.00	26.42 1.36 0.00	22.95 1.54 0.34
NPX_GEN_CSC 323557	25.85 1.69 0.00	18.00 1.45 -0.49	19.28 1.46 0.00	24.32 1.84 0.00	25.11 1.81 0.00	23.38 1.80 2.37	31.82 1.49 1.28	41.17 1.77 -2.38	30.67 1.52 -0.32	27.31 1.91 -0.63	35.00 2.04 -7.98	25.89 1.67 -0.14	29.86 1.82 -0.72	30.32 1.71 0.22	26.74 1.68 0.00	33.01 2.20 0.02	32.99 2.00 0.00	32.71 1.97 0.14	32.31 1.90 0.00	32.72 1.92 0.07	31.72 1.89 0.53	28.71 1.44 0.00	26.63 1.57 0.00	22.99 1.58 0.34
NSINS_S_GLNS_FALLS 23858	25.65 1.49 0.00	17.66 1.07 -0.54	19.02 1.20 0.00	24.01 1.53 0.00	24.77 1.46 0.00	25.43 1.48 0.00	33.02 1.41 0.00	38.36 1.32 0.00	29.83 0.99 0.00	25.55 0.78 0.00	25.77 0.79 0.00	25.01 0.93 0.00	28.44 1.12 0.00	30.01 1.19 0.00	25.96 0.90 0.00	31.95 1.14 0.02	32.30 1.30 0.00	32.04 1.32 0.16	31.72 1.31 0.00	32.10 1.32 0.08	31.24 1.47 0.59	28.54 1.27 0.00	26.27 1.21 0.00	22.86 1.11 0.00
NUCOR_STEEL___DRP 24197	24.43 0.27 0.00	16.68 0.13 -0.49	17.99 0.17 0.00	22.60 0.11 0.00	23.40 0.10 0.00	24.16 0.20 0.00	31.71 0.10 0.00	36.77 -0.27 0.00	28.47 -0.37 0.00	24.33 -0.44 0.00	24.46 -0.51 0.00	23.65 -0.43 0.00	26.67 -0.65 0.00	28.25 -0.57 0.00	24.62 -0.44 0.00	30.22 -0.60 0.01	30.35 -0.65 0.00	30.32 -0.52 0.05	29.98 -0.43 0.00	30.33 -0.52 0.02	29.79 -0.39 0.18	26.88 -0.40 0.00	24.57 -0.49 0.00	21.37 -0.38 0.00
NUMBER_THREE_WT_PWR 323818	23.84 -0.32 0.00	15.00 -0.46 0.58	17.29 -0.53 0.00	22.06 -0.42 0.00	22.99 -0.32 0.00	23.92 -0.04 0.00	31.47 -0.14 0.00	37.07 0.04 0.00	28.87 0.03 0.00	24.73 -0.04 0.00	24.67 -0.30 0.00	23.61 -0.47 0.00	26.65 -0.67 0.00	27.72 -1.10 0.00	23.88 -1.18 0.00	29.46 -1.35 0.02	29.73 -1.27 0.00	29.71 -1.06 0.11	29.85 -0.56 0.00	30.76 -0.05 0.06	29.88 -0.05 0.43	27.05 -0.22 0.00	24.46 -0.60 0.00	21.08 -0.66 0.00
NYISO_LBMP_REFERENCE 24008	24.16 0.00 0.00	16.05 0.00 0.00	17.82 0.00 0.00	22.48 0.00 0.00	23.31 0.00 0.00	23.96 0.00 0.00	31.61 0.00 0.00	37.03 0.00 0.00	28.84 0.00 0.00	24.77 0.00 0.00	24.97 0.00 0.00	24.09 0.00 0.00	27.32 0.00 0.00	28.82 0.00 0.00	25.06 0.00 0.00	30.83 0.00 0.00	31.00 0.00 0.00	30.88 0.00 0.00	30.41 0.00 0.00	30.87 0.00 0.00	30.37 0.00 0.00	27.28 0.00 0.00	25.06 0.00 0.00	21.75 0.00 0.00
NYPA_BRENTWD____GT 24164	26.09 1.94 0.00	18.05 1.51 -0.49	19.36 1.54 0.00	24.43 1.95 0.00	25.23 1.92 0.00	25.85 1.90 0.00	33.44 1.83 0.00	40.10 2.22 -0.85	31.24 1.88 -0.53	27.64 2.05 -0.82	35.97 2.24 -8.75	26.22 1.96 -0.18	30.62 2.22 -1.08	30.78 2.13 0.18	27.09 2.03 0.00	33.39 2.58 0.02	33.31 2.32 0.00	33.00 2.26 0.14	32.56 2.15 0.00	32.93 2.14 0.07	31.95 2.12 0.53	28.94 1.66 0.00	26.81 1.75 0.00	23.51 1.77 0.00



NYPA_GOWANUS____GT5 24156	26.03	17.90	19.27	24.29	25.06	25.69	33.34	38.86	30.51	26.40	26.73	25.76	29.19	30.83	26.97	33.26	33.31	33.02	32.49	32.74	31.77	28.81	26.55	23.21
	1.86	1.36	1.44	1.81	1.75	1.73	1.73	1.82	1.67	1.63	1.76	1.68	1.86	2.00	1.91	2.46	2.32	2.28	2.07	1.95	1.94	1.53	1.49	1.47
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_GOWANUS____GT6 24157	26.03	17.90	19.27	24.29	25.06	25.69	33.34	38.86	30.51	26.40	26.73	25.76	29.19	30.83	26.97	33.26	33.31	33.02	32.49	32.74	31.77	28.81	26.55	23.21
	1.86	1.36	1.44	1.81	1.75	1.73	1.73	1.82	1.67	1.63	1.76	1.68	1.86	2.00	1.91	2.46	2.32	2.28	2.07	1.95	1.94	1.53	1.49	1.47
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	25.85	17.81	19.19	24.19	24.93	25.53	33.21	38.72	30.46	26.34	26.67	25.68	29.07	30.70	26.82	33.10	33.10	32.85	32.31	32.59	31.62	28.67	26.44	23.16
	1.69	1.26	1.36	1.71	1.62	1.57	1.59	1.69	1.63	1.57	1.69	1.60	1.75	1.88	1.76	2.28	2.11	2.11	1.89	1.80	1.78	1.39	1.38	1.42
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	25.85	17.81	19.19	24.19	24.93	25.53	33.21	38.72	30.46	26.34	26.67	25.68	29.07	30.70	26.82	33.10	33.10	32.85	32.31	32.59	31.62	28.67	26.44	23.16
	1.69	1.26	1.36	1.71	1.62	1.57	1.59	1.69	1.63	1.57	1.69	1.60	1.75	1.88	1.76	2.28	2.11	2.11	1.89	1.80	1.78	1.39	1.38	1.42
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_KENT____GT 24152	25.95	17.88	19.24	24.25	25.01	25.64	33.31	38.84	30.50	26.40	26.74	25.77	29.19	30.83	26.95	33.26	33.30	33.00	32.48	32.72	31.75	28.78	26.54	23.21
	1.79	1.33	1.41	1.77	1.70	1.68	1.69	1.81	1.66	1.63	1.76	1.68	1.87	2.01	1.89	2.45	2.30	2.26	2.07	1.93	1.92	1.51	1.47	1.46
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_POUCH1____GT 24155	25.87	17.80	19.16	24.17	24.94	25.59	33.41	38.78	30.43	26.32	26.65	25.68	29.10	30.73	26.89	33.16	33.23	32.93	32.41	32.67	31.70	28.74	26.50	23.16
	1.73	1.27	1.35	1.69	1.63	1.63	1.79	1.75	1.59	1.55	1.68	1.60	1.78	1.90	1.83	2.35	2.23	2.19	2.00	1.87	1.87	1.47	1.44	1.42
	0.01	-0.48	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_VERNON____GT2 24162	25.88	17.84	19.21	24.21	24.97	25.59	33.26	38.82	30.50	26.40	26.74	25.78	29.20	30.84	26.94	33.26	33.28	32.99	32.46	32.70	31.72	28.77	26.53	23.20
	1.72	1.30	1.38	1.73	1.66	1.63	1.65	1.79	1.66	1.63	1.76	1.70	1.88	2.02	1.88	2.45	2.29	2.24	2.05	1.91	1.89	1.50	1.46	1.46
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA_VERNON____GT3 24163	25.88	17.84	19.21	24.21	24.97	25.59	33.26	38.82	30.50	26.40	26.74	25.78	29.20	30.84	26.94	33.26	33.28	32.99	32.46	32.70	31.72	28.77	26.53	23.20
	1.72	1.30	1.38	1.73	1.66	1.63	1.65	1.79	1.66	1.63	1.76	1.70	1.88	2.02	1.88	2.45	2.29	2.24	2.05	1.91	1.89	1.50	1.46	1.46
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA____ASTORIA_CC1 323568	25.87	17.84	19.20	24.19	24.94	25.55	33.21	38.77	30.46	26.37	26.70	25.74	29.15	30.79	26.89	33.20	33.22	32.92	32.40	32.66	31.67	28.72	26.48	23.18
	1.71	1.29	1.37	1.71	1.63	1.59	1.60	1.74	1.63	1.60	1.73	1.66	1.83	1.97	1.84	2.39	2.22	2.18	1.99	1.86	1.84	1.45	1.42	1.44
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA____ASTORIA_CC2 323569	25.87	17.84	19.20	24.19	24.94	25.55	33.21	38.77	30.46	26.37	26.70	25.74	29.15	30.79	26.89	33.20	33.22	32.92	32.40	32.66	31.67	28.72	26.48	23.18
	1.71	1.29	1.37	1.71	1.63	1.59	1.60	1.74	1.63	1.60	1.73	1.66	1.83	1.97	1.84	2.39	2.22	2.18	1.99	1.86	1.84	1.45	1.42	1.44
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA____HOLTSVILL 23794	25.92	17.96	19.26	24.29	25.09	25.71	33.20	39.59	30.76	27.28	34.96	25.99	29.99	30.48	26.88	33.15	33.09	32.78	32.35	32.73	31.74	28.75	26.66	23.37
	1.76	1.42	1.43	1.82	1.78	1.75	1.58	1.91	1.62	1.89	2.06	1.78	1.97	1.88	1.82	2.34	2.09	2.04	1.94	1.94	1.91	1.48	1.60	1.63
	0.00	-0.49	0.00	0.00	0.00	0.00	0.00	-0.65	-0.31	-0.62	-7.93	-0.13	-0.70	0.22	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA____HELLGATE_GT1 24158	25.85	17.81	19.19	24.19	24.93	25.53	33.21	38.72	30.46	26.34	26.67	25.68	29.07	30.70	26.82	33.10	33.10	32.85	32.31	32.59	31.62	28.67	26.44	23.16
	1.69	1.26	1.36	1.71	1.62	1.57	1.59	1.69	1.63	1.57	1.69	1.60	1.75	1.88	1.76	2.28	2.11	2.11	1.89	1.80	1.78	1.39	1.38	1.42
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYPA____HELLGATE_GT2 24159	25.85	17.81	19.19	24.19	24.93	25.53	33.21	38.72	30.46	26.34	26.67	25.68	29.07	30.70	26.82	33.10	33.10	32.85	32.31	32.59	31.62	28.67	26.44	23.16
	1.69	1.26	1.36	1.71	1.62	1.57	1.59	1.69	1.63	1.57	1.69	1.60	1.75	1.88	1.76	2.28	2.11	2.11	1.89	1.80	1.78	1.39	1.38	1.42
	-0.01	-0.50	-0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.14	0.00	0.07	0.53	0.00	0.00	0.00
NYS_BARGE____HYD 23848	23.62	15.85	17.04	21.47	22.18	22.99	30.48	35.26	27.43	23.06	22.88	16.51	25.36	26.90	23.52	28.59	28.27	28.07	27.86	28.39	27.47	25.16	23.01	19.68
	-0.53	-0.73	-0.77	-1.01	-1.13	-0.96	-1.13	-1.77	-1.41	-1.71	-1.78	-1.39	-1.96	-1.92	-1.54	-2.22	-2.72	-2.66	-2.55	-2.39	-2.29	-2.11	-2.05	-2.06
	0.00	-0.53	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.31	6.18	0.00	0.00	0.00	0.02	0.00	0.16	0.00	0.08	0.60	0.00	0.00	0.01
OAK ORCHARD____HYD 24046	24.03	16.29	17.52	22.08	22.82	23.58	31.15	36.12	28.06	23.85	23.98	23.21	26.27	27.80	24.22	29.63	29.46	29.32	29.07	29.53	28.58	26.12	23.89	20.59
	-0.13	-0.29	-0.30	-0.40	-0.48	-0.37	-0.47	-0.92	-0.77	-0.92	-0.99	-0.87	-1.06	-1.02	-0.84	-1.17	-1.54	-1.40	-1.34	-1.26	-1.20	-1.15	-1.18	-1.16
	0.00	-0.52	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.16	0.00	0.08	0.59	0.00	0.00	0.00



OAKDALE___35_KV_LOAD 356122	24.48 0.33 0.00	16.78 0.19 -0.53	18.05 0.23 0.00	22.81 0.33 0.00	23.56 0.25 0.00	24.22 0.26 0.00	31.74 0.12 0.00	36.80 -0.23 0.00	28.63 -0.21 0.00	24.56 -0.21 0.00	24.69 -0.28 0.00	23.88 -0.20 0.00	27.02 -0.30 0.00	28.54 -0.28 0.00	24.87 -0.18 0.00	30.50 -0.30 0.02	30.57 -0.43 0.00	30.31 -0.41 0.16	29.94 -0.47 0.00	30.39 -0.40 0.08	29.38 -0.39 0.60	26.87 -0.40 0.00	24.71 -0.36 0.00	21.46 -0.28 0.00
OCC_CHEM___DRP 24175	23.46 -0.70 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.81 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.08 0.00	27.18 -1.65 0.00	22.89 -1.88 0.00	22.70 -1.95 0.32	16.08 -1.64 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.73 0.00	28.33 -2.48 0.02	27.96 -3.04 0.00	27.72 -3.00 0.16	27.49 -2.92 0.00	28.02 -2.77 0.08	27.08 -2.67 0.61	24.83 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
OH_GEN_PROXY 24063	23.49 -0.66 0.00	15.81 -0.77 -0.53	17.01 -0.81 0.00	21.42 -1.06 0.00	22.11 -1.20 0.00	20.51 -1.07 2.37	119.49 -1.26 -89.12	36.90 -1.85 -1.72	27.39 -1.45 0.00	23.12 -1.65 0.00	22.98 -1.74 0.26	17.34 -1.51 5.23	25.46 -1.87 0.00	26.96 -1.86 0.00	23.52 -1.54 0.00	28.59 -2.22 0.02	28.24 -2.76 0.00	27.99 -2.73 0.16	27.76 -2.65 0.00	28.29 -2.50 0.08	27.35 -2.40 0.61	25.06 -2.21 0.00	22.91 -2.15 0.00	19.28 -2.12 0.35
OLIN_CORP_DRP 24177	23.34 -0.81 0.00	15.66 -0.92 -0.53	16.83 -0.99 0.00	21.19 -1.29 0.00	21.89 -1.42 0.00	22.69 -1.27 0.00	30.08 -1.53 0.00	34.83 -2.20 0.00	27.14 -1.69 0.00	22.81 -1.95 0.00	22.64 -2.01 0.32	16.02 -1.59 6.47	25.11 -2.22 0.00	26.62 -2.21 0.00	23.27 -1.79 0.00	28.25 -2.56 0.02	27.92 -3.08 0.00	27.69 -3.03 0.16	27.46 -2.95 0.00	27.99 -2.80 0.08	27.07 -2.69 0.61	24.82 -2.46 0.00	22.70 -2.37 0.00	19.41 -2.32 0.01
OLIN_CORP_DSASP 323712	23.46 -0.69 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.82 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.07 0.00	27.18 -1.65 0.00	22.88 -1.89 0.00	22.71 -1.95 0.32	16.11 -1.61 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.72 0.00	28.33 -2.48 0.02	27.97 -3.03 0.00	27.72 -3.00 0.16	27.50 -2.92 0.00	28.02 -2.76 0.08	27.08 -2.68 0.61	24.82 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
ONEIDA_HERK_LFGE 323681	24.48 0.33 0.00	16.45 0.13 -0.27	17.96 0.14 0.00	22.77 0.30 0.00	23.61 0.31 0.00	24.39 0.44 0.00	31.99 0.38 0.00	37.37 0.34 0.00	29.09 0.25 0.00	24.98 0.21 0.00	25.02 0.05 0.00	24.06 -0.02 0.00	27.20 -0.13 0.00	28.53 -0.30 0.00	24.71 -0.35 0.00	30.40 -0.41 0.02	30.63 -0.37 0.00	30.53 -0.20 0.15	30.43 0.02 0.00	31.05 0.26 0.08	30.09 0.29 0.56	27.42 0.15 0.00	25.03 -0.04 0.00	21.68 -0.07 0.00
ONEIDA___115KV_TB4 55905	24.88 0.73 0.00	17.07 0.46 -0.55	18.33 0.51 0.00	23.17 0.69 0.00	23.98 0.67 0.00	24.69 0.73 0.00	32.35 0.74 0.00	37.57 0.53 0.00	29.23 0.39 0.00	25.13 0.36 0.00	25.15 0.18 0.00	24.22 0.14 0.00	27.37 0.05 0.00	28.91 0.08 0.00	25.09 0.03 0.00	30.83 0.02 0.02	31.02 0.03 0.00	30.92 0.18 0.14	30.72 0.31 0.00	31.24 0.45 0.07	30.31 0.48 0.54	27.63 0.35 0.00	25.33 0.26 0.00	21.98 0.24 0.00
ONONDAGA_REF_OCCRA 23987	24.39 0.23 0.00	16.67 0.13 -0.49	17.97 0.15 0.00	22.68 0.20 0.00	23.46 0.15 0.00	24.13 0.18 0.00	31.63 0.01 0.00	36.67 -0.36 0.00	28.54 -0.30 0.00	24.45 -0.31 0.00	24.57 -0.40 0.00	23.73 -0.35 0.00	26.88 -0.45 0.00	28.41 -0.41 0.00	24.70 -0.37 0.00	30.31 -0.50 0.02	30.41 -0.59 0.00	30.22 -0.57 0.10	29.89 -0.52 0.00	30.34 -0.48 0.05	29.54 -0.45 0.37	26.81 -0.47 0.00	24.64 -0.42 0.00	21.47 -0.28 0.00
ONONDAGA___COGEN 23986	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
ONTARIO___LFGE 23819	24.35 0.19 0.00	16.57 0.00 -0.51	17.80 -0.02 0.00	22.46 -0.02 0.00	23.25 -0.06 0.00	23.99 0.03 0.00	31.60 -0.01 0.00	36.63 -0.40 0.00	28.32 -0.52 0.00	24.09 -0.68 0.00	24.31 -0.85 -0.19	27.19 -0.74 -3.85	26.42 -0.90 0.00	27.99 -0.84 0.00	24.41 -0.65 0.00	29.98 -0.83 0.02	29.99 -1.00 0.00	29.91 -0.85 0.12	29.65 -0.76 0.00	30.18 -0.63 0.06	29.29 -0.63 0.45	26.62 -0.65 0.00	24.42 -0.64 0.00	21.11 -0.64 -0.01
ORANGEVILLE_WT_PWR 323706	23.72 -0.44 0.00	15.96 -0.62 -0.53	17.16 -0.66 0.00	21.70 -0.78 0.00	22.45 -0.86 0.00	23.16 -0.80 0.00	30.62 -0.99 0.00	35.40 -1.63 0.00	27.23 -1.60 0.00	23.03 -1.74 0.00	21.53 -1.92 1.53	-8.22 -1.69 30.62	25.25 -2.07 0.00	26.80 -2.02 0.00	23.55 -1.52 0.00	28.90 -1.91 0.02	28.79 -2.21 0.00	28.67 -2.06 0.16	28.36 -2.05 0.00	28.94 -1.85 0.08	27.95 -1.82 0.60	25.51 -1.76 0.00	23.45 -1.62 0.00	19.94 -1.74 0.07
ORANGEVILLE___ESR 323794	23.72 -0.44 0.00	15.96 -0.62 -0.53	17.16 -0.66 0.00	21.70 -0.78 0.00	22.45 -0.86 0.00	23.16 -0.80 0.00	30.62 -0.99 0.00	35.40 -1.63 0.00	27.23 -1.60 0.00	23.03 -1.74 0.00	21.53 -1.92 1.53	-8.22 -1.69 30.62	25.25 -2.07 0.00	26.80 -2.02 0.00	23.55 -1.52 0.00	28.90 -1.91 0.02	28.79 -2.21 0.00	28.67 -2.06 0.16	28.36 -2.05 0.00	28.94 -1.85 0.08	27.95 -1.82 0.60	25.51 -1.76 0.00	23.45 -1.62 0.00	19.94 -1.74 0.07
OSWEGATCHIE___HYD 24044	23.15 -1.01 0.00	12.72 -0.84 2.50	16.89 -0.93 0.00	21.44 -1.04 0.00	22.34 -0.96 0.00	23.22 -0.73 0.00	30.94 -0.68 0.00	36.73 -0.30 0.00	28.52 -0.32 0.00	24.45 -0.32 0.00	24.48 -0.49 0.00	23.42 -0.66 0.00	26.57 -0.75 0.00	27.75 -1.07 0.00	23.97 -1.09 0.00	29.55 -1.27 0.01	29.89 -1.11 0.00	29.75 -1.05 0.09	29.74 -0.67 0.00	30.60 -0.23 0.05	29.74 -0.30 0.32	27.08 -0.20 0.00	24.58 -0.49 0.00	21.04 -0.70 0.00
OSWEGO___5 23606	23.84 -0.31 0.00	16.29 -0.23 -0.47	17.57 -0.24 0.00	22.17 -0.30 0.00	22.95 -0.36 0.00	23.60 -0.35 0.00	30.96 -0.65 0.00	35.96 -1.07 0.00	27.98 -0.85 0.00	23.99 -0.78 0.00	24.15 -0.83 0.00	23.32 -0.76 0.00	26.41 -0.92 0.00	27.87 -0.95 0.00	24.22 -0.84 0.00	29.77 -1.09 -0.03	29.84 -1.16 0.00	29.95 -1.13 -0.19	29.32 -1.09 0.00	29.88 -1.09 -0.10	30.05 -1.05 -0.74	26.31 -0.98 0.00	24.16 -0.90 0.00	21.05 -0.69 0.00
OSWEGO___6 23613	23.84 -0.31 0.00	16.29 -0.23 -0.47	17.57 -0.24 0.00	22.17 -0.30 0.00	22.95 -0.36 0.00	23.60 -0.35 0.00	30.96 -0.65 0.00	35.96 -1.07 0.00	27.98 -0.85 0.00	23.99 -0.78 0.00	24.15 -0.83 0.00	23.32 -0.76 0.00	26.41 -0.92 0.00	27.87 -0.95 0.00	24.22 -0.84 0.00	29.77 -1.09 -0.03	29.84 -1.16 0.00	29.95 -1.13 -0.19	29.32 -1.09 0.00	29.88 -1.09 -0.10	30.05 -1.05 -0.74	26.31 -0.98 0.00	24.16 -0.90 0.00	21.05 -0.69 0.00



OUTOKUMPU-AB___DRP 24206	23.86 -0.29 0.00	16.02 -0.56 -0.53	17.23 -0.59 0.00	21.70 -0.78 0.00	22.41 -0.90 0.00	23.21 -0.74 0.00	30.80 -0.81 0.00	35.62 -1.41 0.00	27.70 -1.14 0.00	23.34 -1.43 0.00	23.12 -1.52 0.34	16.08 -1.22 6.78	25.69 -1.64 0.00	27.26 -1.57 0.00	23.81 -1.25 0.00	28.92 -1.89 0.02	28.60 -2.40 0.00	28.37 -2.35 0.16	28.12 -2.29 0.00	28.67 -2.11 0.08	27.73 -2.02 0.61	25.40 -1.87 0.00	23.22 -1.84 0.00	19.84 -1.89 0.02
OXBOW___BTM 323836	23.65 -0.51 0.00	15.88 -0.70 -0.53	17.09 -0.73 0.00	21.51 -0.97 0.00	22.20 -1.11 0.00	23.00 -0.96 0.00	30.53 -1.09 0.00	35.28 -1.75 0.00	27.43 -1.41 0.00	23.10 -1.67 0.00	22.90 -1.74 0.33	16.10 -1.41 6.57	25.44 -1.89 0.00	26.97 -1.85 0.00	23.57 -1.49 0.00	28.62 -2.19 0.02	28.28 -2.72 0.00	28.04 -2.68 0.16	27.80 -2.61 0.00	28.34 -2.45 0.08	27.40 -2.36 0.61	25.10 -2.17 0.00	22.95 -2.12 0.00	19.62 -2.11 0.01
OXBOW___ 24026	23.65 -0.51 0.00	15.88 -0.70 -0.53	17.09 -0.73 0.00	21.51 -0.97 0.00	22.20 -1.11 0.00	23.00 -0.96 0.00	30.53 -1.09 0.00	35.28 -1.75 0.00	27.42 -1.41 0.00	23.10 -1.67 0.00	22.89 -1.75 0.33	16.07 -1.44 6.57	25.44 -1.88 0.00	26.97 -1.85 0.00	23.57 -1.49 0.00	28.61 -2.20 0.02	28.27 -2.73 0.00	28.04 -2.68 0.16	27.79 -2.62 0.00	28.33 -2.45 0.08	27.40 -2.36 0.61	25.11 -2.16 0.00	22.95 -2.11 0.00	19.62 -2.11 0.01
OXY_CHEM_DSASP 323612	23.46 -0.70 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.81 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.08 0.00	27.18 -1.65 0.00	22.89 -1.88 0.00	22.70 -1.95 0.32	16.08 -1.64 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.73 0.00	28.33 -2.48 0.02	27.96 -3.04 0.00	27.72 -3.00 0.16	27.49 -2.92 0.00	28.02 -2.77 0.08	27.08 -2.67 0.61	24.83 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
OZONE_PARK_ESR 323760	26.00 1.84 0.00	17.91 1.37 -0.49	19.27 1.45 0.00	24.31 1.83 0.00	25.08 1.78 0.00	25.72 1.76 0.00	33.47 1.86 0.00	39.12 2.08 0.00	30.70 1.87 0.00	26.58 1.81 0.00	26.92 1.94 0.00	25.95 1.87 0.00	29.39 2.07 0.00	31.05 2.23 0.00	27.11 2.05 0.00	33.47 2.66 0.02	33.51 2.51 0.00	33.21 2.47 0.14	32.70 2.29 0.00	32.94 2.15 0.07	31.98 2.14 0.53	28.99 1.72 0.00	26.72 1.66 0.00	23.35 1.60 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	23.46 -0.70 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.81 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.08 0.00	27.18 -1.65 0.00	22.89 -1.88 0.00	22.70 -1.95 0.32	16.08 -1.64 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.73 0.00	28.33 -2.48 0.02	27.96 -3.04 0.00	27.72 -3.00 0.16	27.49 -2.92 0.00	28.02 -2.77 0.08	27.08 -2.67 0.61	24.83 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
PACKARD__115KV_DUPONT_184 80571	23.46 -0.70 0.00	15.76 -0.82 -0.53	16.96 -0.86 0.00	21.34 -1.14 0.00	22.03 -1.28 0.00	22.81 -1.14 0.00	30.29 -1.33 0.00	34.96 -2.08 0.00	27.18 -1.65 0.00	22.89 -1.88 0.00	22.70 -1.95 0.32	16.08 -1.64 6.36	25.21 -2.11 0.00	26.70 -2.12 0.00	23.34 -1.73 0.00	28.33 -2.48 0.02	27.96 -3.04 0.00	27.72 -3.00 0.16	27.49 -2.92 0.00	28.02 -2.77 0.08	27.08 -2.67 0.61	24.83 -2.45 0.00	22.70 -2.36 0.00	19.42 -2.31 0.01
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	25.86 1.70 0.00	17.80 1.26 -0.49	19.17 1.35 0.00	24.18 1.70 0.00	24.92 1.61 0.00	25.53 1.58 0.00	33.22 1.60 0.00	38.75 1.72 0.00	30.48 1.64 0.00	26.34 1.57 0.00	26.68 1.71 0.00	25.70 1.62 0.00	29.10 1.77 0.00	30.74 1.91 0.00	26.85 1.79 0.00	33.13 2.32 0.02	33.15 2.15 0.00	32.88 2.14 0.14	32.35 1.93 0.00	32.62 1.83 0.07	31.65 1.81 0.53	28.70 1.43 0.00	26.47 1.41 0.00	23.17 1.43 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	26.57 2.42 0.00	18.29 1.75 -0.49	19.64 1.82 0.00	24.76 2.28 0.00	25.54 2.23 0.00	26.23 2.28 0.00	34.20 2.59 0.00	39.92 2.88 0.00	31.39 2.55 0.00	27.09 2.33 0.00	27.41 2.44 0.00	26.41 2.32 0.00	29.91 2.58 0.00	31.56 2.74 0.00	27.57 2.51 0.00	34.03 3.22 0.02	34.03 3.03 0.00	33.74 3.00 0.14	33.18 2.77 0.00	33.47 2.68 0.07	32.47 2.64 0.53	29.44 2.17 0.00	27.16 2.10 0.00	23.76 2.01 0.00
PATROON__115KV_TB1 80586	24.89 0.73 0.00	17.23 0.64 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.83 0.00	24.72 0.77 0.00	32.11 0.49 0.00	37.36 0.33 0.00	29.13 0.29 0.00	25.07 0.30 0.00	25.30 0.33 0.00	24.43 0.35 0.00	27.72 0.40 0.00	29.28 0.46 0.00	25.46 0.40 0.00	31.36 0.55 0.02	31.52 0.53 0.00	31.21 0.49 0.15	30.81 0.40 0.00	31.08 0.29 0.08	30.13 0.35 0.58	27.50 0.22 0.00	25.41 0.34 0.00	22.14 0.39 0.00
PATTRSNVILLE___SOLAR 323815	25.15 0.99 0.00	17.31 0.71 -0.55	18.62 0.81 0.00	23.50 1.02 0.00	24.29 0.98 0.00	24.92 0.97 0.00	32.48 0.87 0.00	37.74 0.70 0.00	29.22 0.38 0.00	25.01 0.24 0.00	25.21 0.24 0.00	24.38 0.29 0.00	27.68 0.36 0.00	29.25 0.42 0.00	25.32 0.25 0.00	31.30 0.49 0.02	31.54 0.54 0.00	31.43 0.71 0.16	31.12 0.71 0.00	31.52 0.74 0.08	30.58 0.82 0.60	27.97 0.69 0.00	25.69 0.63 0.00	22.37 0.62 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	24.15 -0.01 0.00	16.26 -0.32 -0.53	17.50 -0.32 0.00	22.06 -0.42 0.00	22.78 -0.53 0.00	23.58 -0.37 0.00	31.26 -0.35 0.00	36.25 -0.78 0.00	28.21 -0.62 0.00	23.88 -0.89 0.00	23.61 -1.03 0.33	16.59 -0.82 6.68	26.21 -1.11 0.00	27.78 -1.04 0.00	24.25 -0.81 0.00	29.50 -1.30 0.02	29.22 -1.78 0.00	28.99 -1.73 0.16	28.68 -1.74 0.00	29.23 -1.55 0.08	28.28 -1.48 0.60	25.88 -1.40 0.00	23.67 -1.39 0.00	20.26 -1.48 0.02
PAWLING_115_KV_BK3_REV_LBMP_H 345028	25.79 1.63 0.00	17.76 1.22 -0.49	19.13 1.31 0.00	24.15 1.67 0.00	24.91 1.60 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.78 1.75 0.00	30.38 1.55 0.00	26.27 1.50 0.00	26.56 1.59 0.00	25.63 1.55 0.00	29.05 1.72 0.00	30.72 1.89 0.00	26.79 1.73 0.00	33.06 2.24 0.02	33.14 2.15 0.00	32.85 2.11 0.14	32.39 1.98 0.00	32.65 1.86 0.07	31.69 1.86 0.54	28.77 1.49 0.00	26.50 1.43 0.00	23.13 1.39 0.00
PEEKSKILL___ 23653	25.59 1.43 0.00	17.63 1.09 -0.49	18.98 1.16 0.00	23.96 1.48 0.00	24.72 1.42 0.00	25.35 1.39 0.00	32.95 1.34 0.00	38.45 1.42 0.00	30.11 1.28 0.00	26.05 1.28 0.00	26.37 1.40 0.00	25.43 1.34 0.00	28.82 1.49 0.00	30.46 1.64 0.00	26.58 1.52 0.00	32.82 2.01 0.02	32.86 1.86 0.00	32.57 1.83 0.14	32.09 1.67 0.00	32.34 1.54 0.07	31.38 1.54 0.53	28.47 1.20 0.00	26.25 1.19 0.00	22.93 1.18 0.00
PGE MADISON___WINDPWR 24146	25.87 1.72 0.00	17.58 1.00 -0.53	18.89 1.07 0.00	23.88 1.40 0.00	24.81 1.51 0.00	25.65 1.70 0.00	33.87 2.26 0.00	39.26 2.22 0.00	30.16 1.33 0.00	25.66 0.89 0.00	25.83 0.79 -0.07	26.38 0.98 -1.32	28.03 0.70 0.00	29.62 0.79 0.00	25.98 0.92 0.00	31.93 1.12 0.02	32.30 1.30 0.00	32.14 1.40 0.15	32.00 1.58 0.00	32.81 2.02 0.08	31.79 1.98 0.56	28.73 1.45 0.00	26.25 1.19 0.00	22.71 0.96 0.00



PIERCEFIELD___HYD 23852	22.81 -1.34 0.00	10.95 -1.03 4.07	16.69 -1.12 0.00	21.09 -1.39 0.00	22.00 -1.31 0.00	22.85 -1.11 0.00	30.84 -0.77 0.00	36.92 -0.11 0.00	28.55 -0.28 0.00	24.54 -0.23 0.00	24.68 -0.30 0.00	23.63 -0.45 0.00	26.88 -0.45 0.00	28.20 -0.62 0.00	24.43 -0.63 0.00	30.12 -0.70 0.01	30.52 -0.48 0.00	30.18 -0.63 0.07	30.00 -0.41 0.00	30.76 -0.07 0.04	29.82 -0.27 0.28	27.34 0.07 0.00	24.90 -0.17 0.00	21.19 -0.55 0.00
PINELAWN_CC_1 323563	25.99 1.83 0.00	17.96 1.42 -0.49	19.28 1.46 0.00	24.31 1.84 0.00	25.11 1.80 0.00	25.75 1.80 0.00	33.35 1.73 0.00	40.84 2.15 -1.65	32.05 1.81 -1.41	28.29 1.94 -1.59	39.12 2.11 -12.03	26.28 1.86 -0.34	31.97 2.08 -2.56	30.83 2.01 0.00	26.97 1.90 0.00	33.25 2.44 0.02	33.21 2.21 0.00	32.85 2.11 0.14	32.42 2.01 0.00	32.76 1.96 0.07	31.78 1.95 0.53	28.80 1.52 0.00	26.68 1.62 0.00	23.38 1.64 0.00
PJM_GEN_HTTP_PROXY 323702	25.79 1.63 0.00	17.77 1.23 -0.49	19.12 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.75 1.72 0.00	30.42 1.58 0.00	26.34 1.57 0.00	26.67 1.70 0.00	25.71 1.63 0.00	29.12 1.80 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.17 2.36 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.40 1.99 0.00	32.64 1.85 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.84 1.41 -0.36	23.00 1.40 0.15
PJM_GEN_KEystone 24065	25.61 0.48 -0.97	16.87 0.29 -0.53	18.19 0.37 0.00	22.97 0.49 0.00	23.71 0.40 0.00	24.39 0.44 0.00	31.94 0.32 0.00	37.11 0.08 0.00	28.94 0.10 0.00	24.87 0.10 0.07	24.99 0.08 0.00	22.88 0.13 1.33	27.40 0.07 0.00	28.97 0.15 0.00	25.28 0.22 0.00	31.04 0.23 0.02	30.96 -0.03 0.00	30.67 -0.06 0.15	30.23 -0.19 0.00	30.59 -0.20 0.08	29.65 -0.16 0.56	26.98 -0.29 0.00	25.21 -0.22 -0.36	21.42 -0.18 0.15
PJM_GEN_NEPTUNE_PROXY 323594	25.78 1.62 0.00	17.80 1.27 -0.49	19.12 1.30 0.00	24.12 1.65 0.00	24.90 1.60 0.00	25.53 1.57 0.00	33.08 1.47 0.00	38.94 1.79 -0.12	30.08 1.51 0.26	26.53 1.63 -0.12	32.58 1.79 -5.82	25.70 1.59 -0.03	28.86 1.80 0.27	30.25 1.76 0.34	26.76 1.70 0.00	32.99 2.18 0.02	32.94 1.95 0.00	32.60 1.86 0.14	32.15 1.74 0.00	32.45 1.66 0.07	31.48 1.65 0.53	28.54 1.27 0.00	26.78 1.36 -0.36	23.00 1.41 0.16
PJM_GEN_VFT_PROXY 323633	25.69 1.54 0.00	17.72 1.18 -0.49	19.05 1.23 0.00	24.05 1.57 0.00	24.82 1.51 0.00	25.44 1.48 0.00	33.02 1.41 0.00	38.58 1.55 0.00	30.28 1.45 0.00	26.22 1.45 0.00	26.56 1.59 0.00	25.60 1.52 0.00	29.00 1.67 0.00	30.64 1.82 0.00	26.75 1.69 0.00	33.04 2.23 0.02	33.05 2.06 0.00	32.76 2.02 0.14	32.26 1.84 0.00	32.48 1.69 0.07	31.52 1.69 0.53	28.58 1.31 0.00	26.71 1.29 -0.36	22.88 1.29 0.15
PLATSBURG_115KV_PMLD1 355749	23.47 -0.68 0.00	10.21 -0.57 5.28	17.24 -0.58 0.00	21.80 -0.68 0.00	22.62 -0.69 0.00	23.46 -0.49 0.00	31.67 0.05 0.00	37.63 0.60 0.00	29.14 0.30 0.00	25.05 0.28 0.00	25.31 0.34 0.00	24.36 0.27 0.00	27.67 0.35 0.00	29.20 0.38 0.00	25.27 0.21 0.00	31.17 0.34 0.01	31.65 0.65 0.00	31.34 0.52 0.06	31.06 0.65 0.00	31.69 0.86 0.04	30.97 0.85 0.24	28.20 0.92 0.00	25.79 0.73 0.00	22.14 0.39 0.00
PLEASANTVLY___LBMP 24000	25.45 1.30 0.00	17.55 1.01 -0.49	18.90 1.09 0.00	23.87 1.39 0.00	24.62 1.31 0.00	25.22 1.27 0.00	32.74 1.12 0.00	38.18 1.15 0.00	29.88 1.05 0.00	25.82 1.05 0.00	26.13 1.16 0.00	25.21 1.12 0.00	28.57 1.25 0.00	30.18 1.36 0.00	26.31 1.25 0.00	32.45 1.64 0.02	32.53 1.54 0.00	32.24 1.50 0.14	31.79 1.37 0.00	32.05 1.26 0.07	31.10 1.28 0.54	28.27 0.99 0.00	26.07 1.00 0.00	22.78 1.04 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	25.70 1.55 0.00	17.72 1.18 -0.49	19.08 1.26 0.00	24.08 1.60 0.00	24.84 1.53 0.00	25.47 1.51 0.00	33.11 1.49 0.00	38.63 1.60 0.00	30.28 1.44 0.00	26.21 1.44 0.00	26.54 1.56 0.00	25.59 1.51 0.00	28.99 1.66 0.00	30.62 1.79 0.00	26.72 1.66 0.00	32.99 2.18 0.02	33.04 2.05 0.00	32.73 1.99 0.14	32.25 1.84 0.00	32.50 1.71 0.07	31.54 1.71 0.54	28.62 1.35 0.00	26.39 1.32 0.00	23.06 1.31 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	25.70 1.55 0.00	17.72 1.18 -0.49	19.08 1.26 0.00	24.08 1.60 0.00	24.84 1.53 0.00	25.47 1.51 0.00	33.11 1.49 0.00	38.63 1.60 0.00	30.28 1.44 0.00	26.21 1.44 0.00	26.54 1.56 0.00	25.59 1.51 0.00	28.99 1.66 0.00	30.62 1.79 0.00	26.72 1.66 0.00	32.99 2.18 0.02	33.04 2.05 0.00	32.73 1.99 0.14	32.25 1.84 0.00	32.50 1.71 0.07	31.54 1.71 0.54	28.62 1.35 0.00	26.39 1.32 0.00	23.06 1.31 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	25.69 1.53 0.00	17.69 1.15 -0.49	19.06 1.24 0.00	24.06 1.58 0.00	24.82 1.51 0.00	25.44 1.49 0.00	33.06 1.44 0.00	38.57 1.53 0.00	30.19 1.35 0.00	26.05 1.29 0.00	26.33 1.36 0.00	25.42 1.34 0.00	28.80 1.48 0.00	30.43 1.61 0.00	26.55 1.49 0.00	32.80 1.99 0.02	32.90 1.90 0.00	32.63 1.89 0.14	32.18 1.77 0.00	32.46 1.67 0.07	31.52 1.69 0.53	28.62 1.34 0.00	26.37 1.31 0.00	23.01 1.26 0.00
POLETTI_____ 23519	25.76 1.61 0.00	17.77 1.23 -0.49	19.11 1.30 0.00	24.12 1.64 0.00	24.88 1.57 0.00	25.50 1.55 0.00	33.15 1.54 0.00	38.68 1.65 0.00	30.37 1.54 0.00	26.30 1.53 0.00	26.65 1.67 0.00	25.70 1.61 0.00	29.07 1.75 0.00	30.71 1.88 0.00	26.82 1.76 0.00	33.11 2.30 0.02	33.14 2.15 0.00	32.84 2.10 0.14	32.34 1.93 0.00	32.57 1.78 0.07	31.60 1.77 0.53	28.67 1.40 0.00	26.44 1.37 0.00	23.13 1.39 0.00
POMONA___ESR 323819	25.53 1.37 0.00	17.55 1.03 -0.47	18.91 1.09 0.00	23.88 1.40 0.00	24.65 1.34 0.00	25.28 1.32 0.00	32.90 1.29 0.00	38.40 1.37 0.00	30.03 1.20 0.00	25.97 1.20 0.00	26.30 1.32 0.00	25.36 1.28 0.00	28.75 1.43 0.00	30.43 1.61 0.00	26.57 1.51 0.00	32.81 2.00 0.02	32.86 1.86 0.00	32.59 1.84 0.14	32.06 1.65 0.00	32.30 1.51 0.07	31.37 1.53 0.52	28.42 1.15 0.00	26.20 1.14 0.00	22.85 1.10 0.00
PORT_JEFF_3 23555	25.96 1.81 0.00	17.99 1.45 -0.49	19.29 1.47 0.00	24.34 1.86 0.00	25.13 1.82 0.00	25.75 1.80 0.00	33.25 1.64 0.00	39.69 2.00 -0.66	30.84 1.68 -0.32	27.36 1.95 -0.63	35.08 2.12 -7.98	26.05 1.84 -0.14	30.08 2.03 -0.72	30.55 1.95 0.22	26.94 1.88 0.00	33.21 2.41 0.02	33.16 2.16 0.00	32.86 2.12 0.14	32.44 2.03 0.00	32.82 2.03 0.07	31.83 1.99 0.53	28.83 1.55 0.00	26.73 1.67 0.00	23.42 1.68 0.00
PORT_JEFF_4 23616	25.96 1.81 0.00	17.99 1.45 -0.49	19.29 1.47 0.00	24.34 1.86 0.00	25.13 1.82 0.00	25.75 1.80 0.00	33.25 1.64 0.00	39.69 2.00 -0.66	30.84 1.68 -0.32	27.36 1.95 -0.63	35.08 2.12 -7.98	26.05 1.84 -0.14	30.08 2.03 -0.72	30.55 1.95 0.22	26.94 1.88 0.00	33.21 2.41 0.02	33.16 2.16 0.00	32.86 2.12 0.14	32.44 2.03 0.00	32.82 2.03 0.07	31.83 1.99 0.53	28.83 1.55 0.00	26.73 1.67 0.00	23.42 1.68 0.00



PORT_JEFF_IC 23713	25.99 1.83 0.00	18.01 1.47 -0.49	19.30 1.49 0.00	24.35 1.88 0.00	25.14 1.84 0.00	25.79 1.83 0.00	33.28 1.67 0.00	39.77 2.05 -0.70	30.92 1.72 -0.36	27.41 1.97 -0.67	35.26 2.15 -8.13	26.09 1.87 -0.14	30.21 2.10 -0.79	30.59 1.98 0.21	26.97 1.91 0.00	33.25 2.44 0.02	33.20 2.20 0.00	32.91 2.17 0.14	32.50 2.08 0.00	32.87 2.08 0.07	31.87 2.04 0.53	28.87 1.60 0.00	26.76 1.70 0.00	23.47 1.73 0.00
PPL PILGRIM_ST_GT1 24216	26.09 1.94 0.00	18.05 1.51 -0.49	19.36 1.54 0.00	24.43 1.95 0.00	25.23 1.92 0.00	25.85 1.90 0.00	33.44 1.83 0.00	40.10 2.22 -0.85	31.24 1.88 -0.53	27.64 2.05 -0.82	35.97 2.24 -8.75	26.22 1.96 -0.18	30.62 2.22 -1.08	30.78 2.13 0.18	27.09 2.03 0.00	33.39 2.58 0.02	33.31 2.32 0.00	33.00 2.26 0.14	32.56 2.15 0.00	32.93 2.14 0.07	31.95 2.12 0.53	28.94 1.66 0.00	26.81 1.75 0.00	23.51 1.77 0.00
PPL PILGRIM_ST_GT2 24217	26.09 1.94 0.00	18.05 1.51 -0.49	19.36 1.54 0.00	24.43 1.95 0.00	25.23 1.92 0.00	25.85 1.90 0.00	33.44 1.83 0.00	40.10 2.22 -0.85	31.24 1.88 -0.53	27.64 2.05 -0.82	35.97 2.24 -8.75	26.22 1.96 -0.18	30.62 2.22 -1.08	30.78 2.13 0.18	27.09 2.03 0.00	33.39 2.58 0.02	33.31 2.32 0.00	33.00 2.26 0.14	32.56 2.15 0.00	32.93 2.14 0.07	31.95 2.12 0.53	28.94 1.66 0.00	26.81 1.75 0.00	23.51 1.77 0.00
PPL_SHRM_GT3 24213	25.86 1.70 0.00	18.00 1.46 -0.49	19.29 1.47 0.00	24.33 1.85 0.00	25.12 1.81 0.00	25.75 1.80 0.00	33.12 1.50 0.00	39.49 1.78 -0.68	30.70 1.53 -0.34	27.34 1.92 -0.65	35.08 2.05 -8.05	25.91 1.69 -0.14	29.90 1.82 -0.75	30.33 1.72 0.22	26.74 1.68 0.00	33.01 2.20 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.32 1.91 0.00	32.73 1.93 0.07	31.73 1.90 0.53	28.72 1.45 0.00	26.65 1.59 0.00	23.34 1.60 0.00
PPL_SHRM_GT4 24214	25.86 1.70 0.00	18.00 1.46 -0.49	19.29 1.47 0.00	24.33 1.85 0.00	25.12 1.81 0.00	25.75 1.80 0.00	33.12 1.50 0.00	39.49 1.78 -0.68	30.70 1.53 -0.34	27.34 1.92 -0.65	35.08 2.05 -8.05	25.91 1.69 -0.14	29.90 1.82 -0.75	30.33 1.72 0.22	26.74 1.68 0.00	33.01 2.20 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.32 1.91 0.00	32.73 1.93 0.07	31.73 1.90 0.53	28.72 1.45 0.00	26.65 1.59 0.00	23.34 1.60 0.00
PROJECT___ORANGE 1 24174	24.28 0.13 0.00	16.59 0.06 -0.48	17.89 0.08 0.00	22.59 0.10 0.00	23.36 0.06 0.00	24.02 0.07 0.00	31.47 -0.14 0.00	36.50 -0.53 0.00	28.42 -0.41 0.00	24.36 -0.41 0.00	24.49 -0.48 0.00	23.66 -0.43 0.00	26.80 -0.53 0.00	28.32 -0.50 0.00	24.62 -0.45 0.00	30.19 -0.63 0.02	30.27 -0.73 0.00	30.05 -0.72 0.11	29.72 -0.69 0.00	30.16 -0.65 0.06	29.33 -0.63 0.40	26.65 -0.63 0.00	24.50 -0.56 0.00	21.36 -0.38 0.00
PROJECT___ORANGE 2 24166	24.28 0.13 0.00	16.59 0.06 -0.48	17.89 0.08 0.00	22.59 0.10 0.00	23.36 0.06 0.00	24.02 0.07 0.00	31.47 -0.14 0.00	36.50 -0.53 0.00	28.42 -0.41 0.00	24.36 -0.41 0.00	24.49 -0.48 0.00	23.66 -0.43 0.00	26.80 -0.53 0.00	28.32 -0.50 0.00	24.62 -0.45 0.00	30.19 -0.63 0.02	30.27 -0.73 0.00	30.05 -0.72 0.11	29.72 -0.69 0.00	30.16 -0.65 0.06	29.33 -0.63 0.40	26.65 -0.63 0.00	24.50 -0.56 0.00	21.36 -0.38 0.00
PUCKETT___SOLAR 323809	24.78 0.63 0.00	16.95 0.36 -0.53	18.22 0.40 0.00	23.04 0.56 0.00	23.85 0.54 0.00	24.55 0.60 0.00	32.21 0.59 0.00	37.33 0.30 0.00	28.88 0.05 0.00	24.67 -0.09 0.00	24.76 -0.21 0.00	24.01 -0.07 0.00	27.17 -0.15 0.00	28.59 -0.23 0.00	25.03 -0.03 0.00	30.71 -0.10 0.02	30.91 -0.08 0.00	30.73 0.00 0.16	30.43 0.02 0.00	30.96 0.17 0.08	29.95 0.18 0.59	27.34 0.07 0.00	25.08 0.01 0.00	21.76 0.01 0.00
PYRITES___HYD 24023	23.43 -0.73 0.00	11.22 -0.64 4.20	17.12 -0.70 0.00	21.62 -0.86 0.00	22.56 -0.75 0.00	23.39 -0.57 0.00	31.63 0.02 0.00	37.84 0.81 0.00	29.23 0.39 0.00	25.02 0.25 0.00	25.11 0.14 0.00	24.02 -0.06 0.00	27.27 -0.06 0.00	28.62 -0.20 0.00	24.78 -0.28 0.00	30.53 -0.30 0.01	30.96 -0.04 0.00	30.64 -0.16 0.07	30.48 0.07 0.00	31.51 0.67 0.04	30.65 0.56 0.27	28.12 0.85 0.00	25.60 0.54 0.00	21.76 0.01 0.00
QUAKERRD_115KV_BK1 80622	23.57 -0.59 0.00	16.02 -0.55 -0.52	17.23 -0.59 0.00	21.71 -0.77 0.00	22.46 -0.85 0.00	23.17 -0.78 0.00	30.58 -1.04 0.00	35.47 -1.56 0.00	27.56 -1.28 0.00	23.46 -1.31 0.00	23.57 -1.40 0.00	22.79 -1.29 0.00	25.83 -1.50 0.00	27.32 -1.51 0.00	23.79 -1.27 0.00	29.14 -1.67 0.02	29.03 -1.97 0.00	28.87 -1.86 0.15	28.63 -1.79 0.00	29.06 -1.73 0.08	28.12 -1.67 0.57	25.70 -1.57 0.00	23.52 -1.54 0.00	20.32 -1.43 0.00
QUENSBRY_115KV_TB8 356137	25.70 1.54 0.00	17.69 1.09 -0.54	19.05 1.23 0.00	24.05 1.57 0.00	24.80 1.49 0.00	25.47 1.52 0.00	33.05 1.44 0.00	38.37 1.34 0.00	29.86 1.03 0.00	25.57 0.80 0.00	25.81 0.84 0.00	25.06 0.97 0.00	28.50 1.18 0.00	30.09 1.26 0.00	26.00 0.94 0.00	32.00 1.19 0.02	32.39 1.39 0.00	32.08 1.36 0.16	31.76 1.35 0.00	32.15 1.36 0.08	31.30 1.53 0.59	28.61 1.33 0.00	26.33 1.27 0.00	22.91 1.16 0.00
RAMAPO___LBMP 323565	25.44 1.29 0.00	17.51 0.98 -0.47	18.86 1.04 0.00	23.81 1.33 0.00	24.58 1.27 0.00	25.21 1.25 0.00	32.81 1.19 0.00	38.28 1.25 0.00	29.94 1.11 0.00	25.88 1.11 0.00	26.20 1.22 0.00	25.26 1.18 0.00	28.65 1.32 0.00	30.29 1.47 0.00	26.45 1.39 0.00	32.66 1.85 0.02	32.71 1.71 0.00	32.43 1.69 0.14	31.92 1.51 0.00	32.16 1.37 0.07	31.23 1.39 0.52	28.31 1.04 0.00	26.10 1.03 0.00	22.78 1.03 0.00
RANKINE____ 23646	23.95 -0.21 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.87 -1.16 0.00	27.89 -0.94 0.00	23.57 -1.20 0.00	23.26 -1.32 0.39	15.09 -1.11 7.88	25.90 -1.43 0.00	27.48 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.95 -2.05 0.00	28.71 -2.01 0.16	28.41 -2.00 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
RAVENSWOOD_GT2_1 24244	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.53 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.12 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.41 0.00
RAVENSWOOD_GT2_2 24245	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.53 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.12 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.41 0.00



RAVENSWOOD_GT2_3 24246	25.79 1.64 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.14 1.66 0.00	24.91 1.60 0.00	25.53 1.57 0.00	33.20 1.58 0.00	38.76 1.72 0.00	30.43 1.60 0.00	26.34 1.57 0.00	26.68 1.71 0.00	25.73 1.65 0.00	29.14 1.81 0.00	30.77 1.95 0.00	26.87 1.81 0.00	33.17 2.36 0.02	33.21 2.21 0.00	32.90 2.16 0.14	32.40 1.99 0.00	32.65 1.85 0.07	31.67 1.84 0.53	28.73 1.45 0.00	26.48 1.42 0.00	23.15 1.41 0.00
RAVENSWOOD_GT2_4 24247	25.79 1.64 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.14 1.66 0.00	24.91 1.60 0.00	25.53 1.57 0.00	33.20 1.58 0.00	38.76 1.72 0.00	30.43 1.60 0.00	26.34 1.57 0.00	26.68 1.71 0.00	25.73 1.65 0.00	29.14 1.81 0.00	30.77 1.95 0.00	26.87 1.81 0.00	33.17 2.36 0.02	33.21 2.21 0.00	32.90 2.16 0.14	32.40 1.99 0.00	32.65 1.85 0.07	31.67 1.84 0.53	28.73 1.45 0.00	26.48 1.42 0.00	23.15 1.41 0.00
RAVENSWOOD_GT3_1 24248	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.53 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.12 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.41 0.00
RAVENSWOOD_GT3_2 24249	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.53 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.12 1.79 0.00	30.76 1.94 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.41 0.00
RAVENSWOOD_GT3_3 24250	25.81 1.65 0.00	17.79 1.25 -0.49	19.14 1.33 0.00	24.16 1.68 0.00	24.93 1.62 0.00	25.55 1.60 0.00	33.24 1.62 0.00	38.80 1.77 0.00	30.46 1.62 0.00	26.37 1.60 0.00	26.71 1.73 0.00	25.76 1.68 0.00	29.17 1.84 0.00	30.81 1.99 0.00	26.90 1.84 0.00	33.21 2.40 0.02	33.24 2.25 0.00	32.94 2.20 0.14	32.44 2.03 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.76 1.48 0.00	26.51 1.44 0.00	23.17 1.43 0.00
RAVENSWOOD_GT3_4 24251	25.81 1.65 0.00	17.79 1.25 -0.49	19.14 1.33 0.00	24.16 1.68 0.00	24.93 1.62 0.00	25.55 1.60 0.00	33.24 1.62 0.00	38.80 1.77 0.00	30.46 1.62 0.00	26.37 1.60 0.00	26.71 1.73 0.00	25.76 1.68 0.00	29.17 1.84 0.00	30.81 1.99 0.00	26.90 1.84 0.00	33.21 2.40 0.02	33.24 2.25 0.00	32.94 2.20 0.14	32.44 2.03 0.00	32.68 1.89 0.07	31.71 1.88 0.53	28.76 1.48 0.00	26.51 1.44 0.00	23.17 1.43 0.00
RAVENSWOOD_GT_1 23729	25.88 1.72 0.00	17.84 1.30 -0.49	19.20 1.38 0.00	24.21 1.73 0.00	24.97 1.66 0.00	25.59 1.64 0.00	33.26 1.65 0.00	38.82 1.79 0.00	30.50 1.66 0.00	26.40 1.63 0.00	26.74 1.76 0.00	25.79 1.71 0.00	29.20 1.88 0.00	30.84 2.02 0.00	26.94 1.88 0.00	33.25 2.45 0.02	33.28 2.29 0.00	32.99 2.25 0.14	32.46 2.05 0.00	32.71 1.91 0.07	31.72 1.89 0.53	28.77 1.50 0.00	26.53 1.46 0.00	23.20 1.46 0.00
RAVENSWOOD_GT_10 24258	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.40 0.00
RAVENSWOOD_GT_11 24259	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.40 0.00
RAVENSWOOD_GT_4 24252	25.78 1.63 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.56 0.00	33.19 1.58 0.00	38.74 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.45 0.00	26.47 1.41 0.00	23.14 1.40 0.00
RAVENSWOOD_GT_5 24254	25.78 1.63 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.56 0.00	33.19 1.58 0.00	38.74 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.45 0.00	26.47 1.41 0.00	23.14 1.40 0.00
RAVENSWOOD_GT_6 24253	25.78 1.63 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.56 0.00	33.19 1.58 0.00	38.74 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.45 0.00	26.47 1.41 0.00	23.14 1.40 0.00
RAVENSWOOD_GT_7 24255	25.78 1.63 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.56 0.00	33.19 1.58 0.00	38.74 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.45 0.00	26.47 1.41 0.00	23.14 1.40 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.40 0.00
RAVENSWOOD_GT_9 24257	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.58 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.33 1.56 0.00	26.66 1.69 0.00	25.71 1.63 0.00	29.11 1.79 0.00	30.76 1.93 0.00	26.85 1.79 0.00	33.16 2.35 0.02	33.19 2.19 0.00	32.88 2.14 0.14	32.39 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.72 1.44 0.00	26.47 1.41 0.00	23.15 1.40 0.00



RAVENSWOOD___1 23533	25.88 1.72 -0.01	17.84 1.30 -0.50	19.21 1.38 -0.01	24.18 1.70 0.00	24.93 1.62 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.37 1.60 0.00	26.70 1.73 0.00	25.74 1.66 0.00	29.15 1.83 0.00	30.78 1.96 0.00	26.89 1.83 0.00	33.20 2.39 0.02	33.22 2.22 0.00	32.93 2.18 0.14	32.41 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.17 1.42 0.00
RAVENSWOOD___2 23534	25.88 1.72 -0.01	17.84 1.30 -0.50	19.21 1.38 -0.01	24.18 1.70 0.00	24.93 1.62 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.37 1.60 0.00	26.70 1.73 0.00	25.74 1.66 0.00	29.15 1.83 0.00	30.78 1.96 0.00	26.89 1.83 0.00	33.20 2.39 0.02	33.22 2.22 0.00	32.93 2.18 0.14	32.41 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.17 1.42 0.00
RAVENSWOOD___3 23535	25.78 1.63 0.00	17.77 1.23 -0.49	19.12 1.30 0.00	24.13 1.65 0.00	24.90 1.59 0.00	25.52 1.57 0.00	33.19 1.57 0.00	38.75 1.71 0.00	30.41 1.57 0.00	26.34 1.57 0.00	26.67 1.69 0.00	25.71 1.63 0.00	29.12 1.80 0.00	30.76 1.94 0.00	26.86 1.80 0.00	33.16 2.36 0.02	33.19 2.19 0.00	32.89 2.15 0.14	32.40 1.98 0.00	32.63 1.84 0.07	31.66 1.83 0.53	28.71 1.44 0.00	26.47 1.41 0.00	23.15 1.40 0.00
RAVENSWOOD___4 23820	25.88 1.72 -0.01	17.84 1.30 -0.50	19.21 1.38 -0.01	24.18 1.70 0.00	24.93 1.62 0.00	25.55 1.59 0.00	33.21 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.37 1.60 0.00	26.70 1.73 0.00	25.74 1.66 0.00	29.15 1.83 0.00	30.78 1.96 0.00	26.89 1.83 0.00	33.20 2.39 0.02	33.22 2.22 0.00	32.93 2.18 0.14	32.41 1.99 0.00	32.66 1.86 0.07	31.67 1.84 0.53	28.72 1.45 0.00	26.48 1.42 0.00	23.17 1.42 0.00
RCPL_TRUST___DRP 24196	25.81 1.65 0.00	17.78 1.24 -0.49	19.13 1.31 0.00	24.15 1.67 0.00	24.92 1.61 0.00	25.55 1.59 0.00	33.23 1.61 0.00	38.78 1.75 0.00	30.45 1.61 0.00	26.36 1.60 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.80 1.98 0.00	26.88 1.83 0.00	33.21 2.40 0.02	33.23 2.24 0.00	32.93 2.19 0.14	32.44 2.02 0.00	32.67 1.88 0.07	31.70 1.87 0.53	28.75 1.48 0.00	26.50 1.43 0.00	23.17 1.42 0.00
RED___ROCHESTER 323720	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.23 0.00	31.33 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.84 0.00	23.36 -0.73 0.00	26.45 -0.87 0.00	28.00 -0.82 0.00	24.40 -0.66 0.00	29.86 -0.94 0.02	29.68 -1.31 0.00	29.55 -1.18 0.16	29.31 -1.11 0.00	29.75 -1.03 0.08	28.79 -0.98 0.59	26.30 -0.97 0.00	24.05 -1.01 0.00	20.72 -1.03 0.00
REGAN___SOLAR 323812	25.59 1.44 0.00	17.55 0.95 -0.55	18.87 1.06 0.00	23.81 1.33 0.00	24.64 1.34 0.00	25.34 1.38 0.00	33.09 1.48 0.00	38.28 1.24 0.00	29.07 0.23 0.00	24.67 -0.10 0.00	24.83 -0.14 0.00	24.32 0.23 0.00	27.67 0.35 0.00	29.32 0.50 0.00	25.19 0.13 0.00	31.23 0.42 0.02	31.83 0.83 0.00	31.90 1.18 0.16	31.64 1.23 0.00	32.22 1.43 0.08	31.29 1.52 0.60	28.64 1.37 0.00	26.23 1.17 0.00	22.74 1.00 0.00
RENSSELAER___COGEN 23796	24.78 0.62 0.00	17.16 0.58 -0.53	18.48 0.66 0.00	23.33 0.85 0.00	24.04 0.73 0.00	24.62 0.67 0.00	31.95 0.34 0.00	37.18 0.15 0.00	29.00 0.16 0.00	24.95 0.18 0.00	25.17 0.20 0.00	24.30 0.21 0.00	27.57 0.24 0.00	29.12 0.29 0.00	25.32 0.26 0.00	31.18 0.37 0.02	31.33 0.33 0.00	31.02 0.29 0.15	30.65 0.23 0.00	30.90 0.11 0.08	29.96 0.17 0.58	27.34 0.07 0.00	25.27 0.21 0.00	22.04 0.30 0.00
REPUBLIC_115KV_BARTNBRK 55605	27.34 3.19 0.00	18.76 2.17 -0.54	20.22 2.41 0.00	25.53 3.05 0.00	26.20 2.89 0.00	26.98 3.02 0.00	34.37 2.75 0.00	39.42 2.39 0.00	30.88 2.04 0.00	26.46 1.69 0.00	26.87 1.90 0.00	26.22 2.13 0.00	29.86 2.53 0.00	31.66 2.84 0.00	26.86 1.80 0.00	32.94 2.13 0.02	33.74 2.75 0.00	33.06 2.33 0.16	32.83 2.41 0.00	33.26 2.48 0.08	32.93 3.16 0.59	30.25 2.97 0.00	27.98 2.91 0.00	24.33 2.58 0.00
REVERE_CPPR_DRP 24186	24.99 0.83 0.00	17.00 0.50 -0.45	18.38 0.56 0.00	23.24 0.76 0.00	24.07 0.76 0.00	24.84 0.88 0.00	32.58 0.96 0.00	37.90 0.87 0.00	29.49 0.65 0.00	25.35 0.57 0.00	25.34 0.37 0.00	24.39 0.31 0.00	27.52 0.20 0.00	28.98 0.16 0.00	25.15 0.09 0.00	30.91 0.10 0.02	31.13 0.13 0.00	31.10 0.36 0.14	30.96 0.55 0.00	31.55 0.76 0.07	30.61 0.78 0.54	27.88 0.61 0.00	25.50 0.44 0.00	22.10 0.36 0.00
REYNLDPA_13_KV_LD 356490	23.68 -0.48 0.00	10.38 -0.41 5.26	17.37 -0.44 0.00	21.91 -0.57 0.00	22.81 -0.50 0.00	23.55 -0.41 0.00	31.59 -0.03 0.00	37.52 0.49 0.00	29.12 0.28 0.00	24.99 0.23 0.00	25.19 0.22 0.00	24.22 0.14 0.00	27.56 0.24 0.00	29.01 0.18 0.00	25.20 0.14 0.00	30.99 0.17 0.01	31.35 0.35 0.00	31.14 0.33 0.06	30.83 0.42 0.00	31.37 0.53 0.04	30.53 0.40 0.24	27.82 0.55 0.00	25.44 0.38 0.00	21.83 0.08 0.00
REYNOLDS_115KV_TB3 80639	24.96 0.80 0.00	17.27 0.68 -0.53	18.60 0.79 0.00	23.49 1.01 0.00	24.20 0.90 0.00	24.79 0.84 0.00	32.15 0.54 0.00	37.43 0.40 0.00	29.18 0.34 0.00	25.11 0.34 0.00	25.33 0.36 0.00	24.45 0.36 0.00	27.75 0.43 0.00	29.30 0.47 0.00	25.46 0.40 0.00	31.37 0.56 0.02	31.51 0.51 0.00	31.20 0.47 0.15	30.82 0.41 0.00	31.06 0.27 0.08	30.14 0.35 0.58	27.52 0.24 0.00	25.41 0.35 0.00	22.17 0.42 0.00
RIVERBAY____ 323610	26.57 2.42 0.00	18.29 1.75 -0.49	19.64 1.82 0.00	24.76 2.28 0.00	25.54 2.23 0.00	26.23 2.28 0.00	34.20 2.59 0.00	39.92 2.88 0.00	31.39 2.55 0.00	27.09 2.33 0.00	27.41 2.44 0.00	26.41 2.32 0.00	29.91 2.58 0.00	31.56 2.74 0.00	27.57 2.51 0.00	34.03 3.22 0.02	34.03 3.03 0.00	33.74 3.00 0.14	33.18 2.77 0.00	33.47 2.68 0.07	32.47 2.64 0.53	29.44 2.17 0.00	27.16 2.10 0.00	23.76 2.01 0.00
RIVERSDE_115KV_TB3 55908	24.88 0.72 0.00	17.22 0.64 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.82 0.00	24.72 0.76 0.00	32.08 0.46 0.00	37.32 0.29 0.00	29.11 0.27 0.00	25.05 0.28 0.00	25.28 0.30 0.00	24.40 0.31 0.00	27.69 0.36 0.00	29.23 0.41 0.00	25.42 0.36 0.00	31.30 0.50 0.02	31.45 0.45 0.00	31.14 0.41 0.15	30.76 0.35 0.00	31.00 0.21 0.08	30.07 0.28 0.58	27.45 0.17 0.00	25.36 0.30 0.00	22.12 0.37 0.00
ROARING___BROOK_WT_PWR 323790	24.03 -0.12 0.00	18.92 -0.12 -2.98	17.70 -0.12 0.00	22.41 -0.07 0.00	23.26 -0.05 0.00	23.91 -0.05 0.00	31.37 -0.25 0.00	36.66 -0.37 0.00	28.54 -0.30 0.00	24.55 -0.22 0.00	24.75 -0.23 0.00	23.87 -0.21 0.00	27.07 -0.26 0.00	28.44 -0.38 0.00	24.70 -0.36 0.00	30.37 -0.44 0.02	30.64 -0.36 0.00	30.35 -0.39 0.14	30.10 -0.32 0.00	30.55 -0.24 0.07	29.57 -0.26 0.54	27.06 -0.22 0.00	24.75 -0.31 0.00	21.46 -0.29 0.00



ROCHESRG_115KV_T4 355643	23.95 -0.21 0.00	16.24 -0.34 -0.53	17.47 -0.35 0.00	22.01 -0.47 0.00	22.76 -0.55 0.00	23.50 -0.45 0.00	31.05 -0.57 0.00	36.00 -1.04 0.00	27.98 -0.86 0.00	23.78 -0.99 0.00	23.88 -1.07 0.02	23.12 -0.96 0.00	26.19 -1.14 0.00	27.71 -1.11 0.00	24.14 -0.92 0.00	29.52 -1.29 0.02	29.35 -1.65 0.00	29.19 -1.54 0.16	28.94 -1.48 0.00	29.39 -1.39 0.08	28.44 -1.33 0.60	26.01 -1.26 0.00	23.80 -1.26 0.00	20.52 -1.23 0.00
ROCHESTER_9_IC 23652	24.07 -0.08 0.00	16.32 -0.27 -0.53	17.55 -0.27 0.00	22.12 -0.36 0.00	22.86 -0.44 0.00	23.62 -0.34 0.00	31.20 -0.41 0.00	36.18 -0.85 0.00	28.12 -0.72 0.00	23.90 -0.87 0.00	24.02 -0.95 0.00	23.24 -0.84 0.00	26.33 -1.00 0.00	27.86 -0.96 0.00	24.28 -0.78 0.00	29.70 -1.11 0.02	29.52 -1.48 0.00	29.38 -1.34 0.16	29.13 -1.29 0.00	29.58 -1.21 0.08	28.63 -1.15 0.59	26.17 -1.10 0.00	23.93 -1.13 0.00	20.63 -1.12 0.00
ROCKVIEW_13_KV_LD 356306	25.81 1.65 0.00	17.79 1.25 -0.49	19.15 1.33 0.00	24.17 1.69 0.00	24.93 1.62 0.00	25.56 1.60 0.00	33.23 1.61 0.00	38.77 1.73 0.00	30.39 1.56 0.00	26.31 1.55 0.00	26.65 1.67 0.00	25.69 1.61 0.00	29.09 1.77 0.00	30.73 1.90 0.00	26.83 1.77 0.00	33.12 2.31 0.02	33.16 2.17 0.00	32.86 2.12 0.14	32.38 1.96 0.00	32.62 1.83 0.07	31.66 1.83 0.53	28.72 1.45 0.00	26.47 1.41 0.00	23.13 1.39 0.00
ROME____115KV_TB2 80656	24.99 0.83 0.00	17.00 0.50 -0.45	18.38 0.56 0.00	23.24 0.76 0.00	24.07 0.76 0.00	24.84 0.88 0.00	32.58 0.96 0.00	37.90 0.87 0.00	29.49 0.65 0.00	25.35 0.57 0.00	25.34 0.37 0.00	24.39 0.31 0.00	27.52 0.20 0.00	28.98 0.16 0.00	25.15 0.09 0.00	30.91 0.10 0.02	31.13 0.13 0.00	31.10 0.36 0.14	30.96 0.55 0.00	31.55 0.76 0.07	30.61 0.78 0.54	27.88 0.61 0.00	25.50 0.44 0.00	22.10 0.36 0.00
ROSETON___1 23587	25.43 1.27 0.00	17.52 0.98 -0.48	18.88 1.06 0.00	23.84 1.36 0.00	24.59 1.28 0.00	25.19 1.24 0.00	32.74 1.12 0.00	38.19 1.15 0.00	29.88 1.04 0.00	25.82 1.06 0.00	26.12 1.15 0.00	25.20 1.12 0.00	28.56 1.23 0.00	30.18 1.35 0.00	26.32 1.26 0.00	32.46 1.65 0.02	32.54 1.55 0.00	32.26 1.52 0.14	31.79 1.38 0.00	32.06 1.27 0.07	31.12 1.29 0.53	28.26 0.99 0.00	26.06 1.00 0.00	22.77 1.02 0.00
ROSETON___2 23588	25.43 1.27 0.00	17.52 0.98 -0.48	18.88 1.06 0.00	23.84 1.36 0.00	24.59 1.28 0.00	25.19 1.24 0.00	32.74 1.12 0.00	38.19 1.15 0.00	29.88 1.04 0.00	25.82 1.06 0.00	26.12 1.15 0.00	25.20 1.12 0.00	28.56 1.23 0.00	30.18 1.35 0.00	26.32 1.26 0.00	32.46 1.65 0.02	32.54 1.55 0.00	32.26 1.52 0.14	31.79 1.38 0.00	32.06 1.27 0.07	31.12 1.29 0.53	28.26 0.99 0.00	26.06 1.00 0.00	22.77 1.02 0.00
ROTRDAM_115KV_TB3 80664	25.00 0.84 0.00	17.24 0.64 -0.55	18.56 0.74 0.00	23.43 0.95 0.00	24.18 0.87 0.00	24.79 0.84 0.00	32.31 0.69 0.00	37.58 0.55 0.00	29.24 0.40 0.00	25.11 0.34 0.00	25.34 0.36 0.00	24.48 0.39 0.00	27.77 0.45 0.00	29.32 0.50 0.00	25.46 0.40 0.00	31.38 0.57 0.02	31.56 0.56 0.00	31.34 0.62 0.16	30.99 0.57 0.00	31.32 0.54 0.08	30.37 0.61 0.60	27.76 0.49 0.00	25.54 0.48 0.00	22.26 0.51 0.00
RUSSELL___1 23602	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
RUSSELL___2 23532	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
RUSSELL___3 23549	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
RUSSELL___4 23556	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
RUSSELL___STATION 23914	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
S SALMON___HYD 24043	23.95 -0.20 0.00	15.98 -0.23 -0.15	17.59 -0.23 0.00	22.27 -0.21 0.00	23.08 -0.22 0.00	23.77 -0.19 0.00	31.16 -0.46 0.00	36.33 -0.70 0.00	28.31 -0.53 0.00	24.23 -0.54 0.00	24.30 -0.67 0.00	23.33 -0.76 0.00	26.37 -0.96 0.00	27.68 -1.14 0.00	23.97 -1.09 0.00	29.40 -1.43 0.00	29.58 -1.42 0.00	29.55 -1.29 0.04	29.36 -1.05 0.00	30.05 -0.80 0.02	29.53 -0.69 0.14	26.59 -0.68 0.00	24.33 -0.74 0.00	21.12 -0.62 0.00
S.PERRY__115KV_TB1 80734	24.61 0.45 0.00	16.62 0.04 -0.53	17.87 0.05 0.00	22.54 0.06 0.00	23.36 0.05 0.00	24.15 0.20 0.00	31.99 0.38 0.00	36.85 -0.18 0.00	28.13 -0.70 0.00	23.84 -0.93 0.00	25.20 -1.09 -1.31	49.44 -0.96 -26.31	26.22 -1.10 0.00	27.83 -1.00 0.00	24.30 -0.76 0.00	29.93 -0.88 0.02	29.80 -1.20 0.00	29.99 -0.74 0.15	29.79 -0.62 0.00	30.42 -0.37 0.08	29.48 -0.31 0.58	26.83 -0.44 0.00	24.60 -0.47 0.00	21.12 -0.69 -0.06
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	23.74 -0.41 0.00	15.97 -0.61 -0.53	17.18 -0.64 0.00	21.64 -0.84 0.00	22.34 -0.97 0.00	23.13 -0.83 0.00	30.69 -0.93 0.00	35.54 -1.49 0.00	27.67 -1.17 0.00	23.35 -1.42 0.00	23.12 -1.52 0.33	16.07 -1.31 6.71	25.69 -1.63 0.00	27.24 -1.58 0.00	23.80 -1.26 0.00	28.93 -1.88 0.02	28.60 -2.40 0.00	28.36 -2.36 0.16	28.10 -2.32 0.00	28.64 -2.14 0.08	27.70 -2.06 0.61	25.35 -1.92 0.00	23.18 -1.88 0.00	19.82 -1.92 0.02



SAWYER___23_KV_LOAD 55526	23.74 -0.41 0.00	15.97 -0.61 -0.53	17.18 -0.64 0.00	21.64 -0.84 0.00	22.34 -0.97 0.00	23.13 -0.83 0.00	30.69 -0.93 0.00	35.54 -1.49 0.00	27.67 -1.17 0.00	23.35 -1.42 0.00	23.12 -1.52 0.33	16.07 -1.31 6.71	25.69 -1.63 0.00	27.24 -1.58 0.00	23.80 -1.26 0.00	28.93 -1.88 0.02	28.60 -2.40 0.00	28.36 -2.36 0.16	28.10 -2.32 0.00	28.64 -2.14 0.08	27.70 -2.06 0.61	25.35 -1.92 0.00	23.18 -1.88 0.00	19.82 -1.92 0.02
SELKIRK___I 23801	24.95 0.79 0.00	17.23 0.66 -0.52	18.58 0.77 0.00	23.48 1.00 0.00	24.21 0.90 0.00	24.79 0.83 0.00	32.23 0.61 0.00	37.45 0.42 0.00	29.06 0.23 0.00	24.96 0.19 0.00	25.22 0.24 0.00	24.36 0.28 0.00	27.56 0.24 0.00	29.14 0.32 0.00	25.33 0.27 0.00	31.23 0.42 0.02	31.44 0.44 0.00	31.22 0.49 0.15	30.83 0.42 0.00	31.15 0.36 0.08	30.20 0.41 0.57	27.58 0.31 0.00	25.45 0.39 0.00	22.18 0.43 0.00
SELKIRK___II 23799	24.83 0.67 0.00	17.17 0.59 -0.52	18.50 0.68 0.00	23.36 0.88 0.00	24.08 0.78 0.00	24.66 0.70 0.00	32.06 0.44 0.00	37.31 0.28 0.00	29.08 0.25 0.00	25.02 0.25 0.00	25.25 0.28 0.00	24.38 0.29 0.00	27.64 0.31 0.00	29.19 0.37 0.00	25.40 0.34 0.00	31.28 0.47 0.02	31.42 0.42 0.00	31.15 0.42 0.15	30.76 0.35 0.00	31.03 0.25 0.08	30.09 0.30 0.57	27.47 0.20 0.00	25.35 0.29 0.00	22.11 0.36 0.00
SENECA OSWGO___HYD 24041	23.93 -0.23 0.00	16.30 -0.17 -0.42	17.63 -0.19 0.00	22.26 -0.22 0.00	23.05 -0.26 0.00	23.68 -0.27 0.00	31.04 -0.57 0.00	36.03 -1.01 0.00	28.07 -0.77 0.00	24.04 -0.73 0.00	24.16 -0.81 0.00	23.31 -0.77 0.00	26.42 -0.91 0.00	27.87 -0.95 0.00	24.24 -0.82 0.00	29.76 -1.07 0.00	29.88 -1.12 0.00	29.81 -1.08 0.00	29.38 -1.04 0.00	29.85 -1.02 0.00	29.40 -0.97 0.00	26.35 -0.93 0.00	24.21 -0.86 0.00	21.11 -0.64 0.00
SENECA___115KV_TB3 355854	23.98 -0.17 0.00	16.13 -0.45 -0.53	17.35 -0.46 0.00	21.88 -0.60 0.00	22.59 -0.72 0.00	23.39 -0.57 0.00	31.01 -0.60 0.00	35.93 -1.10 0.00	27.94 -0.90 0.00	23.61 -1.16 0.39	23.29 -1.29 7.88	15.13 -1.07 0.00	25.94 -1.38 0.00	27.53 -1.29 0.00	24.08 -0.99 0.00	29.28 -1.53 0.02	29.00 -2.00 0.00	28.76 -1.96 0.16	28.45 -1.96 0.00	29.01 -1.77 0.08	28.05 -1.71 0.61	25.66 -1.61 0.00	23.47 -1.59 0.00	20.04 -1.69 0.02
SENECA___ENERGY 23797	24.15 -0.01 0.00	16.45 -0.10 -0.49	17.69 -0.12 0.00	22.29 -0.19 0.00	23.07 -0.24 0.00	23.79 -0.16 0.00	31.31 -0.31 0.00	36.32 -0.71 0.00	28.12 -0.72 0.00	24.02 -0.75 0.00	24.21 -0.86 -0.09	25.08 -0.76 -1.75	26.40 -0.93 0.00	27.94 -0.88 0.00	24.34 -0.71 0.00	29.90 -0.92 0.01	29.94 -1.06 0.00	29.82 -0.99 0.07	29.52 -0.90 0.00	29.96 -0.87 0.04	29.27 -0.84 0.26	26.44 -0.83 0.00	24.25 -0.81 0.00	21.02 -0.73 0.00
SHOEMAKER___GT 23640	25.28 1.13 0.00	17.38 0.85 -0.47	18.74 0.92 0.00	23.66 1.18 0.00	24.43 1.12 0.00	25.04 1.08 0.00	32.62 1.01 0.00	38.04 1.01 0.00	29.72 0.88 0.00	25.62 0.85 0.00	25.86 0.89 0.00	24.96 0.88 0.00	28.31 0.98 0.00	29.89 1.07 0.00	26.08 1.02 0.00	32.15 1.34 0.02	32.26 1.26 0.00	32.04 1.29 0.14	31.57 1.16 0.00	31.87 1.08 0.07	30.95 1.10 0.51	28.12 0.84 0.00	25.93 0.86 0.00	22.62 0.87 0.00
SHOEMAKR_138KV_BK 111 55601	25.27 1.12 0.00	17.37 0.85 -0.47	18.74 0.92 0.00	23.65 1.17 0.00	24.42 1.12 0.00	25.04 1.08 0.00	32.61 1.00 0.00	38.04 1.01 0.00	29.72 0.88 0.00	25.63 0.86 0.00	25.89 0.92 0.00	24.99 0.91 0.00	28.33 1.01 0.00	29.93 1.10 0.00	26.11 1.05 0.00	32.20 1.39 0.02	32.29 1.29 0.00	32.06 1.31 0.13	31.59 1.18 0.00	31.88 1.08 0.07	30.96 1.11 0.51	28.12 0.84 0.00	25.92 0.86 0.00	22.62 0.87 0.00
SHOREHAM_IC_1 23715	25.86 1.70 0.00	18.00 1.46 -0.49	19.29 1.47 0.00	24.33 1.85 0.00	25.12 1.81 0.00	25.75 1.80 0.00	33.12 1.50 0.00	39.49 1.78 -0.68	30.70 1.53 -0.34	27.34 1.92 -0.65	35.08 2.05 -8.05	25.91 1.69 -0.14	29.90 1.82 -0.75	30.33 1.72 0.22	26.74 1.68 0.00	33.01 2.20 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.32 1.91 0.00	32.73 1.93 0.07	31.73 1.90 0.53	28.72 1.45 0.00	26.65 1.59 0.00	23.34 1.60 0.00
SHOREHAM_IC_2 23716	25.86 1.70 0.00	18.00 1.46 -0.49	19.28 1.47 0.00	24.33 1.85 0.00	25.11 1.81 0.00	25.77 1.81 0.00	33.13 1.51 0.00	39.52 1.81 -0.68	30.72 1.55 -0.34	27.34 1.92 -0.65	35.08 2.05 -8.05	25.91 1.69 -0.14	29.94 1.87 -0.75	30.33 1.72 0.22	26.74 1.68 0.00	33.02 2.21 0.02	33.01 2.01 0.00	32.71 1.97 0.14	32.32 1.90 0.00	32.73 1.93 0.07	31.73 1.90 0.53	28.72 1.45 0.00	26.65 1.59 0.00	23.35 1.61 0.00
SISSONVILLE____ 23735	22.81 -1.34 0.00	10.95 -1.03 4.07	16.69 -1.12 0.00	21.09 -1.39 0.00	22.00 -1.31 0.00	22.85 -1.11 0.00	30.84 -0.77 0.00	36.92 -0.11 0.00	28.55 -0.28 0.00	24.54 -0.23 0.00	24.68 -0.30 0.00	23.63 -0.45 0.00	26.88 -0.45 0.00	28.20 -0.62 0.00	24.43 -0.63 0.00	30.12 -0.70 0.01	30.52 -0.48 0.00	30.18 -0.63 0.07	30.00 -0.41 0.00	30.76 -0.07 0.04	29.82 -0.27 0.28	27.34 0.07 0.00	24.90 -0.17 0.00	21.19 -0.55 0.00
SITHE_IND_GS1 24169	23.74 -0.42 0.00	16.26 -0.30 -0.50	17.50 -0.32 0.00	22.09 -0.39 0.00	22.85 -0.46 0.00	23.49 -0.46 0.00	30.79 -0.82 0.00	35.72 -1.31 0.00	27.80 -1.03 0.00	23.84 -0.93 0.00	24.00 -0.97 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.06 -1.00 0.00	29.46 -1.30 0.07	29.62 -1.37 0.00	29.03 -1.35 0.51	29.10 -1.32 0.00	29.28 -1.32 0.26	27.18 -1.28 1.91	26.10 -1.17 0.01	23.99 -1.07 0.00	20.93 -0.81 0.00
SITHE_IND_GS2 24170	23.74 -0.42 0.00	16.26 -0.30 -0.50	17.50 -0.32 0.00	22.09 -0.39 0.00	22.85 -0.46 0.00	23.49 -0.46 0.00	30.79 -0.82 0.00	35.72 -1.31 0.00	27.80 -1.03 0.00	23.84 -0.93 0.00	24.00 -0.97 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.06 -1.00 0.00	29.46 -1.30 0.07	29.62 -1.37 0.00	29.03 -1.35 0.51	29.10 -1.32 0.00	29.28 -1.32 0.26	27.18 -1.28 1.91	26.10 -1.17 0.01	23.99 -1.07 0.00	20.93 -0.81 0.00
SITHE_IND_GS3 24171	23.74 -0.42 0.00	16.26 -0.30 -0.50	17.50 -0.32 0.00	22.09 -0.39 0.00	22.85 -0.46 0.00	23.49 -0.46 0.00	30.79 -0.82 0.00	35.72 -1.31 0.00	27.80 -1.03 0.00	23.84 -0.93 0.00	24.00 -0.97 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.06 -1.00 0.00	29.46 -1.30 0.07	29.62 -1.37 0.00	29.03 -1.35 0.51	29.10 -1.32 0.00	29.28 -1.32 0.26	27.18 -1.28 1.91	26.10 -1.17 0.01	23.99 -1.07 0.00	20.93 -0.81 0.00
SITHE_IND_GS4 24172	23.74 -0.42 0.00	16.26 -0.30 -0.50	17.50 -0.32 0.00	22.09 -0.39 0.00	22.85 -0.46 0.00	23.49 -0.46 0.00	30.79 -0.82 0.00	35.72 -1.31 0.00	27.80 -1.03 0.00	23.84 -0.93 0.00	24.00 -0.97 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.06 -1.00 0.00	29.46 -1.30 0.07	29.62 -1.37 0.00	29.03 -1.35 0.51	29.10 -1.32 0.00	29.28 -1.32 0.26	27.18 -1.28 1.91	26.10 -1.17 0.01	23.99 -1.07 0.00	20.93 -0.81 0.00



SITHE____BATAVIA 24024	24.34 0.19 0.00	16.37 -0.21 -0.53	17.62 -0.20 0.00	22.19 -0.29 0.00	22.94 -0.37 0.00	23.78 -0.17 0.00	31.55 -0.07 0.00	36.48 -0.55 0.00	28.16 -0.68 0.00	23.67 -1.10 0.00	23.55 -1.22 0.20	19.04 -0.94 4.10	25.97 -1.35 0.00	27.57 -1.26 0.00	24.06 -1.00 0.00	29.48 -1.33 0.02	29.18 -1.81 0.00	29.18 -1.54 0.16	29.06 -1.35 0.00	29.63 -1.16 0.08	28.71 -1.07 0.60	26.23 -1.04 0.00	23.95 -1.12 0.00	20.51 -1.23 0.01
SITHE____INDEPEND 23800	23.74 -0.42 0.00	16.26 -0.30 -0.50	17.50 -0.32 0.00	22.09 -0.39 0.00	22.85 -0.45 0.00	23.49 -0.46 0.00	30.79 -0.82 0.00	35.72 -1.31 0.00	27.80 -1.03 0.00	23.84 -0.93 0.00	24.00 -0.97 0.00	23.18 -0.90 0.00	26.26 -1.07 0.00	27.70 -1.12 0.00	24.06 -1.00 0.00	29.45 -1.30 0.07	29.62 -1.37 0.00	29.03 -1.35 0.51	29.10 -1.32 0.00	29.28 -1.32 0.26	27.18 -1.28 1.91	26.10 -1.17 0.01	23.99 -1.07 0.00	20.94 -0.81 0.00
SITHE____MASSENA 23902	23.54 -0.62 0.00	10.49 -0.51 5.06	17.26 -0.55 0.00	21.78 -0.70 0.00	22.68 -0.63 0.00	23.43 -0.52 0.00	31.48 -0.13 0.00	37.55 0.51 0.00	29.13 0.29 0.00	25.00 0.23 0.00	25.19 0.21 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.14 0.00	25.14 0.08 0.00	30.93 0.11 0.01	31.30 0.30 0.00	31.06 0.25 0.06	30.78 0.36 0.00	31.36 0.53 0.04	30.43 0.32 0.25	27.85 0.57 0.00	25.44 0.38 0.00	21.73 -0.02 0.00
SITHE____OGDNSBRG 24021	23.57 -0.59 0.00	11.07 -0.53 4.46	17.24 -0.58 0.00	21.76 -0.72 0.00	22.69 -0.62 0.00	23.51 -0.45 0.00	31.75 0.13 0.00	37.94 0.91 0.00	29.34 0.51 0.00	25.11 0.34 0.00	25.23 0.26 0.00	24.16 0.07 0.00	27.44 0.12 0.00	28.82 0.00 0.00	24.99 -0.08 0.00	30.75 -0.07 0.01	31.17 0.17 0.00	30.89 0.08 0.07	30.69 0.27 0.00	31.62 0.79 0.04	30.76 0.66 0.27	28.21 0.94 0.00	25.71 0.65 0.00	21.87 0.12 0.00
SITHE____STERLING 23777	24.88 0.73 0.00	17.07 0.46 -0.55	18.33 0.51 0.00	23.17 0.69 0.00	23.97 0.67 0.00	24.69 0.73 0.00	32.35 0.73 0.00	37.57 0.54 0.00	29.23 0.39 0.00	25.13 0.36 0.00	25.15 0.18 0.00	24.22 0.14 0.00	27.37 0.05 0.00	28.91 0.08 0.00	25.09 0.03 0.00	30.83 0.02 0.02	31.02 0.03 0.00	30.92 0.18 0.14	30.72 0.31 0.00	31.24 0.45 0.07	30.31 0.48 0.54	27.63 0.35 0.00	25.33 0.26 0.00	21.98 0.24 0.00
SLEIGHT__34_KV_TB1 80719	24.01 -0.14 0.00	16.32 -0.25 -0.52	17.56 -0.26 0.00	22.12 -0.36 0.00	22.92 -0.39 0.00	23.64 -0.32 0.00	31.19 -0.43 0.00	36.17 -0.86 0.00	28.01 -0.83 0.00	23.83 -0.94 0.00	23.94 -1.04 0.00	23.14 -0.94 0.00	26.21 -1.12 0.00	27.74 -1.09 0.00	24.16 -0.90 0.00	29.65 -1.16 0.02	29.62 -1.37 0.00	29.51 -1.25 0.13	29.28 -1.14 0.00	29.70 -1.10 0.07	28.84 -1.03 0.49	26.27 -1.01 0.00	24.03 -1.03 0.00	20.77 -0.97 0.00
SMITHTWN_69_KV_BK 1 55830	26.03 1.87 0.00	18.02 1.47 -0.49	19.32 1.50 0.00	24.37 1.89 0.00	25.16 1.85 0.00	25.80 1.85 0.00	33.32 1.71 0.00	39.86 2.10 -0.73	31.00 1.78 -0.39	27.47 2.00 -0.70	35.43 2.20 -8.25	26.15 1.92 -0.15	30.33 2.17 -0.84	30.67 2.06 0.21	27.02 1.96 0.00	33.30 2.49 0.02	33.23 2.24 0.00	32.94 2.20 0.14	32.53 2.12 0.00	32.90 2.11 0.07	31.90 2.06 0.53	28.89 1.62 0.00	26.78 1.72 0.00	23.48 1.73 0.00
SOUTH CAIRO____GT 23612	25.51 1.36 0.00	17.59 1.02 -0.52	18.97 1.15 0.00	23.95 1.48 0.00	24.70 1.39 0.00	25.34 1.38 0.00	32.99 1.37 0.00	38.38 1.35 0.00	29.66 0.83 0.00	25.30 0.53 0.00	25.51 0.53 0.00	24.63 0.55 0.00	27.96 0.64 0.00	29.70 0.87 0.00	25.84 0.78 0.00	31.90 1.09 0.02	32.09 1.09 0.00	32.26 1.53 0.15	31.86 1.45 0.00	32.17 1.38 0.08	31.26 1.46 0.56	28.51 1.24 0.00	26.27 1.21 0.00	22.81 1.07 0.00
SOUTH HAMPTN____IC 23720	26.01 1.85 0.00	18.03 1.48 -0.49	19.27 1.45 0.00	24.29 1.81 0.00	25.10 1.79 0.00	25.83 1.88 0.00	33.36 1.75 0.00	39.89 2.19 -0.67	31.04 1.88 -0.33	27.72 2.32 -0.64	35.33 2.36 -8.00	26.15 1.93 -0.14	30.17 2.12 -0.73	30.55 1.95 0.22	26.97 1.91 0.00	33.38 2.57 0.02	33.44 2.45 0.00	33.21 2.47 0.14	32.85 2.43 0.00	33.32 2.53 0.07	32.27 2.44 0.53	29.16 1.88 0.00	27.06 2.00 0.00	23.66 1.91 0.00
SOUTHDOW_115KV_TB1 355954	24.53 0.37 0.00	16.55 -0.03 -0.53	17.83 0.02 0.00	22.54 0.06 0.00	23.25 -0.06 0.00	24.07 0.11 0.00	31.88 0.26 0.00	37.02 -0.01 0.00	28.92 0.09 0.00	24.57 -0.19 0.00	24.31 -0.47 0.19	19.91 -0.37 3.80	26.79 -0.53 0.00	28.52 -0.31 0.00	24.96 -0.10 0.00	30.29 -0.52 0.02	30.04 -0.96 0.00	29.60 -1.12 0.16	29.21 -1.21 0.00	29.77 -1.02 0.08	28.68 -1.08 0.60	26.14 -1.13 0.00	23.96 -1.10 0.00	20.36 -1.38 0.01
SOUTHOLD_69_KV_BK 2 55809	25.95 1.80 0.00	17.93 1.39 -0.49	19.11 1.29 0.00	24.05 1.57 0.00	24.88 1.57 0.00	25.73 1.77 0.00	33.33 1.72 0.00	39.99 2.30 -0.67	31.15 1.99 -0.33	27.90 2.49 -0.64	35.41 2.44 -8.00	26.12 1.90 -0.14	30.20 2.15 -0.73	30.48 1.88 0.22	26.92 1.86 0.00	33.42 2.61 0.02	33.55 2.55 0.00	33.39 2.65 0.14	33.07 2.66 0.00	33.64 2.84 0.07	32.51 2.68 0.53	29.36 2.08 0.00	27.27 2.21 0.00	23.82 2.08 0.00
SOUTHOLD____IC 23719	25.95 1.80 0.00	17.93 1.39 -0.49	19.11 1.29 0.00	24.05 1.57 0.00	24.88 1.57 0.00	25.71 1.76 0.00	33.32 1.71 0.00	39.97 2.28 -0.67	31.13 1.97 -0.33	27.90 2.49 -0.64	35.40 2.43 -8.00	26.12 1.89 -0.14	30.16 2.11 -0.73	30.48 1.87 0.22	26.92 1.86 0.00	33.42 2.61 0.02	33.54 2.55 0.00	33.39 2.65 0.14	33.07 2.66 0.00	33.64 2.85 0.07	32.51 2.68 0.53	29.36 2.08 0.00	27.27 2.21 0.00	23.80 2.06 0.00
SOUTH_FORK_WT_PWR 323839	25.75 1.59 0.00	17.74 1.20 -0.49	18.85 1.04 0.00	23.71 1.23 0.00	24.54 1.23 0.00	25.45 1.49 0.00	33.06 1.44 0.00	39.75 2.06 -0.67	30.96 1.80 -0.33	27.86 2.46 -0.64	35.26 2.28 -8.00	25.89 1.67 -0.14	29.93 1.87 -0.73	30.20 1.59 0.22	26.70 1.63 0.00	33.20 2.39 0.02	33.39 2.40 0.00	33.28 2.54 0.14	32.98 2.57 0.00	33.62 2.83 0.07	32.46 2.64 0.53	29.30 2.02 0.00	27.27 2.20 0.00	23.78 2.04 0.00
SPIERFLS_115KV_TB 1 80737	25.55 1.39 0.00	17.59 1.00 -0.54	18.94 1.12 0.00	23.92 1.44 0.00	24.67 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.23 1.20 0.00	29.74 0.91 0.00	25.48 0.71 0.00	25.70 0.73 0.00	24.94 0.85 0.00	28.35 1.03 0.00	29.93 1.10 0.00	25.89 0.82 0.00	31.87 1.06 0.02	32.22 1.23 0.00	31.95 1.23 0.16	31.62 1.21 0.00	32.00 1.21 0.08	31.13 1.36 0.60	28.44 1.17 0.00	26.17 1.11 0.00	22.77 1.03 0.00
ST LAWRENCE____ 23600	23.48 -0.68 0.00	10.21 -0.54 5.30	17.23 -0.59 0.00	21.74 -0.74 0.00	22.62 -0.69 0.00	23.35 -0.61 0.00	31.30 -0.32 0.00	37.12 0.09 0.00	28.84 0.00 0.00	24.74 -0.03 0.00	24.94 -0.03 0.00	23.98 -0.10 0.00	27.28 -0.04 0.00	28.72 -0.10 0.00	24.95 -0.11 0.00	30.68 -0.15 0.01	31.03 0.03 0.00	30.83 0.01 0.06	30.50 0.09 0.00	31.04 0.20 0.03	30.21 0.09 0.24	27.52 0.25 0.00	25.19 0.12 0.00	21.63 -0.12 0.00



STATE_CA_115KV_115_LB 55624	24.89 0.73 0.00	17.23 0.64 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.83 0.00	24.73 0.77 0.00	32.11 0.50 0.00	37.37 0.33 0.00	29.13 0.29 0.00	25.07 0.30 0.00	25.31 0.33 0.00	24.43 0.35 0.00	27.72 0.40 0.00	29.29 0.46 0.00	25.46 0.40 0.00	31.36 0.56 0.02	31.53 0.54 0.00	31.22 0.49 0.15	30.82 0.41 0.00	31.08 0.30 0.08	30.13 0.35 0.58	27.50 0.22 0.00	25.41 0.34 0.00	22.14 0.40 0.00
STATE_ST_34_KV_LOAD 55959	24.45 0.29 0.00	16.68 0.14 -0.49	17.99 0.17 0.00	22.61 0.13 0.00	23.42 0.11 0.00	24.17 0.21 0.00	31.74 0.12 0.00	36.79 -0.24 0.00	28.48 -0.35 0.00	24.33 -0.44 0.00	24.46 -0.51 0.00	23.64 -0.44 0.00	26.67 -0.65 0.00	28.26 -0.57 0.00	24.62 -0.44 0.00	30.22 -0.59 0.01	30.35 -0.65 0.00	30.31 -0.52 0.06	29.99 -0.42 0.00	30.36 -0.48 0.03	29.78 -0.37 0.21	26.89 -0.39 0.00	24.60 -0.47 0.00	21.38 -0.37 0.00
STATION_5_MISC_HYD 23604	24.07 -0.08 0.00	16.32 -0.27 -0.53	17.55 -0.27 0.00	22.12 -0.36 0.00	22.86 -0.44 0.00	23.62 -0.34 0.00	31.20 -0.41 0.00	36.18 -0.85 0.00	28.12 -0.72 0.00	23.90 -0.87 0.00	24.03 -0.95 0.00	23.26 -0.82 0.00	26.33 -0.99 0.00	27.86 -0.96 0.00	24.27 -0.79 0.00	29.70 -1.11 0.02	29.52 -1.47 0.00	29.38 -1.34 0.16	29.13 -1.28 0.00	29.58 -1.20 0.08	28.63 -1.14 0.59	26.16 -1.11 0.00	23.93 -1.13 0.00	20.62 -1.12 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	24.09 -0.06 0.00	16.38 -0.19 -0.52	17.61 -0.21 0.00	22.21 -0.27 0.00	22.98 -0.33 0.00	23.70 -0.25 0.00	31.27 -0.34 0.00	36.27 -0.76 0.00	28.15 -0.69 0.00	23.95 -0.82 0.00	24.04 -0.93 0.00	23.25 -0.83 0.00	26.33 -1.00 0.00	27.86 -0.96 0.00	24.28 -0.78 0.00	29.77 -1.05 0.02	29.71 -1.29 0.00	29.58 -1.17 0.13	29.33 -1.09 0.00	29.79 -1.01 0.07	28.90 -0.97 0.50	26.33 -0.95 0.00	24.11 -0.95 0.00	20.83 -0.92 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	23.94 -0.22 0.00	16.24 -0.34 -0.52	17.47 -0.35 0.00	22.00 -0.47 0.00	22.76 -0.55 0.00	23.50 -0.46 0.00	31.04 -0.57 0.00	36.00 -1.03 0.00	27.99 -0.85 0.00	23.80 -0.97 0.00	23.92 -1.05 0.00	23.14 -0.94 0.00	26.22 -1.10 0.00	27.75 -1.08 0.00	24.16 -0.90 0.00	29.58 -1.23 0.02	29.43 -1.57 0.00	29.28 -1.44 0.16	29.03 -1.39 0.00	29.47 -1.32 0.08	28.53 -1.26 0.59	26.07 -1.21 0.00	23.84 -1.22 0.00	20.56 -1.18 0.00
STA_56___34_KV_BUS2 355983	23.94 -0.22 0.00	16.24 -0.34 -0.52	17.47 -0.35 0.00	22.00 -0.47 0.00	22.76 -0.55 0.00	23.50 -0.46 0.00	31.04 -0.57 0.00	36.00 -1.03 0.00	27.99 -0.85 0.00	23.80 -0.97 0.00	23.92 -1.05 0.00	23.14 -0.94 0.00	26.22 -1.10 0.00	27.75 -1.08 0.00	24.16 -0.90 0.00	29.58 -1.23 0.02	29.43 -1.57 0.00	29.28 -1.44 0.16	29.03 -1.39 0.00	29.47 -1.32 0.08	28.53 -1.26 0.59	26.07 -1.21 0.00	23.84 -1.22 0.00	20.56 -1.18 0.00
STA_67___115KV_BK2 355882	24.02 -0.13 0.00	16.28 -0.30 -0.53	17.52 -0.30 0.00	22.07 -0.41 0.00	22.82 -0.49 0.00	23.57 -0.38 0.00	31.14 -0.47 0.00	36.11 -0.92 0.00	28.06 -0.77 0.00	23.85 -0.92 0.00	23.97 -1.00 0.00	23.19 -0.89 0.00	26.27 -1.05 0.00	27.80 -1.02 0.00	24.22 -0.85 0.00	29.63 -1.18 0.02	29.45 -1.55 0.00	29.30 -1.42 0.16	29.05 -1.37 0.00	29.51 -1.28 0.08	28.55 -1.22 0.60	26.11 -1.16 0.00	23.88 -1.18 0.00	20.58 -1.17 0.00
STA_7___115KV_9TRANS 80674	24.18 0.02 0.00	16.38 -0.20 -0.53	17.62 -0.20 0.00	22.20 -0.27 0.00	22.96 -0.35 0.00	23.72 -0.24 0.00	31.34 -0.28 0.00	36.33 -0.70 0.00	28.23 -0.60 0.00	24.00 -0.77 0.00	24.13 -0.85 0.00	23.34 -0.74 0.00	26.46 -0.86 0.00	28.00 -0.82 0.00	24.39 -0.67 0.00	29.86 -0.95 0.02	29.67 -1.32 0.00	29.55 -1.18 0.16	29.30 -1.12 0.00	29.75 -1.04 0.08	28.79 -0.98 0.59	26.31 -0.97 0.00	24.05 -1.01 0.00	20.71 -1.03 0.00
STA_82___115KV_TB1 80780	24.02 -0.13 0.00	16.28 -0.29 -0.52	17.52 -0.30 0.00	22.07 -0.40 0.00	22.82 -0.49 0.00	23.58 -0.38 0.00	31.15 -0.47 0.00	36.11 -0.92 0.00	28.06 -0.77 0.00	23.85 -0.92 0.00	23.97 -1.00 0.00	23.19 -0.89 0.00	26.27 -1.06 0.00	27.80 -1.03 0.00	24.21 -0.85 0.00	29.63 -1.18 0.02	29.45 -1.55 0.00	29.31 -1.42 0.16	29.06 -1.35 0.00	29.52 -1.27 0.08	28.57 -1.21 0.59	26.11 -1.16 0.00	23.88 -1.18 0.00	20.59 -1.16 0.00
STEEL___WIND 323596	23.95 -0.20 0.00	16.11 -0.47 -0.53	17.33 -0.49 0.00	21.85 -0.63 0.00	22.56 -0.75 0.00	23.36 -0.60 0.00	30.97 -0.65 0.00	35.88 -1.16 0.00	27.90 -0.94 0.00	23.58 -1.19 0.00	23.26 -1.32 0.39	15.11 -1.09 7.88	25.90 -1.43 0.00	27.49 -1.34 0.00	24.03 -1.03 0.00	29.24 -1.57 0.02	28.96 -2.04 0.00	28.71 -2.01 0.16	28.40 -2.01 0.00	28.98 -1.81 0.08	28.01 -1.75 0.61	25.62 -1.65 0.00	23.44 -1.62 0.00	20.02 -1.71 0.02
STEPHTWN_115KV_BK_2 55603	25.02 0.86 0.00	17.30 0.72 -0.53	18.66 0.84 0.00	23.55 1.08 0.00	24.29 0.98 0.00	24.86 0.91 0.00	32.32 0.70 0.00	37.69 0.66 0.00	29.28 0.44 0.00	25.21 0.44 0.00	25.41 0.44 0.00	24.57 0.48 0.00	27.86 0.53 0.00	29.50 0.67 0.00	25.60 0.54 0.00	31.60 0.80 0.02	31.72 0.72 0.00	31.45 0.72 0.15	31.12 0.71 0.00	31.35 0.56 0.08	30.36 0.57 0.58	27.48 0.21 0.00	25.36 0.29 0.00	22.09 0.34 0.00
STEBEN_REC_LFGE 323667	24.45 0.29 0.00	16.47 -0.11 -0.52	17.42 -0.40 0.00	21.81 -0.67 0.00	22.82 -0.49 0.00	23.80 -0.16 0.00	31.74 0.13 0.00	37.25 0.22 0.00	28.76 -0.08 0.00	23.73 -1.04 -0.85	24.25 -1.58 -17.11	39.87 -1.32 0.00	25.83 -1.50 0.00	27.37 -1.45 0.00	23.96 -1.10 0.00	29.52 -1.28 0.02	29.49 -1.50 0.00	29.41 -1.32 0.15	29.06 -1.36 0.00	29.71 -1.08 0.08	28.69 -1.11 0.56	26.04 -1.24 0.00	24.12 -0.94 0.00	20.61 -1.18 -0.04
STILLWATER___SOLAR 323814	25.44 1.28 0.00	17.54 0.94 -0.54	18.89 1.07 0.00	23.85 1.38 0.00	24.60 1.30 0.00	25.24 1.29 0.00	32.81 1.20 0.00	38.17 1.13 0.00	29.65 0.82 0.00	25.43 0.66 0.00	25.62 0.65 0.00	24.81 0.73 0.00	28.19 0.86 0.00	29.77 0.95 0.00	25.79 0.73 0.00	31.78 0.98 0.02	32.04 1.04 0.00	31.83 1.10 0.16	31.48 1.07 0.00	31.84 1.05 0.08	30.92 1.15 0.59	28.24 0.97 0.00	26.00 0.94 0.00	22.64 0.90 0.00
STONY___BROOK 24151	26.02 1.86 0.00	18.02 1.49 -0.49	19.32 1.51 0.00	24.38 1.90 0.00	25.17 1.86 0.00	25.80 1.85 0.00	33.32 1.71 0.00	39.81 2.07 -0.71	30.96 1.75 -0.37	27.45 2.01 -0.68	35.34 2.19 -8.18	26.13 1.90 -0.15	30.23 2.10 -0.81	30.65 2.04 0.21	27.01 1.95 0.00	33.29 2.48 0.02	33.23 2.24 0.00	33.00 2.26 0.14	32.59 2.17 0.00	32.95 2.16 0.07	31.95 2.12 0.53	28.94 1.66 0.00	26.82 1.76 0.00	23.50 1.76 0.00
STURGEON_POOL_HYD 23609	25.68 1.53 0.00	17.68 1.14 -0.49	19.04 1.22 0.00	24.04 1.56 0.00	24.81 1.50 0.00	25.42 1.47 0.00	33.05 1.44 0.00	38.60 1.57 0.00	30.24 1.40 0.00	26.15 1.38 0.00	26.45 1.47 0.00	25.51 1.43 0.00	28.89 1.56 0.00	30.54 1.72 0.00	26.70 1.64 0.00	32.97 2.16 0.02	33.07 2.07 0.00	32.79 2.05 0.14	32.31 1.90 0.00	32.57 1.77 0.07	31.61 1.78 0.53	28.67 1.39 0.00	26.41 1.34 0.00	23.06 1.31 0.00



ST_LAW_115_BK7_LBMP 345037	23.42 -0.73 0.00	10.22 -0.57 5.26	17.19 -0.63 0.00	21.68 -0.80 0.00	22.57 -0.74 0.00	23.29 -0.66 0.00	31.26 -0.35 0.00	37.12 0.09 0.00	28.84 0.00 0.00	24.74 -0.03 0.00	24.94 -0.03 0.00	23.98 -0.10 0.00	27.28 -0.04 0.00	28.71 -0.11 0.00	24.93 -0.13 0.00	30.66 -0.16 0.01	31.03 0.03 0.00	30.83 0.01 0.06	30.50 0.09 0.00	31.05 0.21 0.04	30.21 0.08 0.24	27.54 0.27 0.00	25.20 0.13 0.00	21.61 -0.13 0.00
ST_LAW_115_BK8_LBMP 345038	23.42 -0.73 0.00	10.22 -0.57 5.26	17.19 -0.63 0.00	21.68 -0.80 0.00	22.57 -0.74 0.00	23.29 -0.66 0.00	31.26 -0.35 0.00	37.12 0.09 0.00	28.84 0.00 0.00	24.74 -0.03 0.00	24.94 -0.03 0.00	23.98 -0.10 0.00	27.28 -0.04 0.00	28.71 -0.11 0.00	24.93 -0.13 0.00	30.66 -0.16 0.01	31.03 0.03 0.00	30.83 0.01 0.06	30.50 0.09 0.00	31.05 0.21 0.04	30.21 0.08 0.24	27.54 0.27 0.00	25.20 0.13 0.00	21.61 -0.13 0.00
ST_LAW_230_BK5_LBMP 345035	23.48 -0.68 0.00	10.13 -0.54 5.38	17.23 -0.59 0.00	21.74 -0.74 0.00	22.62 -0.69 0.00	23.35 -0.61 0.00	31.30 -0.32 0.00	37.12 0.09 0.00	28.84 0.00 0.00	24.74 -0.03 0.00	24.94 -0.03 0.00	23.98 -0.10 0.00	27.28 -0.04 0.00	28.72 -0.10 0.00	24.95 -0.11 0.00	30.68 -0.15 0.01	31.03 0.03 0.00	30.83 0.01 0.06	30.50 0.09 0.00	31.04 0.20 0.03	30.22 0.09 0.24	27.52 0.25 0.00	25.19 0.12 0.00	21.63 -0.12 0.00
ST_LAW_230_BK6_LBMP 345036	23.48 -0.68 0.00	10.13 -0.54 5.38	17.23 -0.59 0.00	21.74 -0.74 0.00	22.62 -0.69 0.00	23.35 -0.61 0.00	31.30 -0.32 0.00	37.12 0.09 0.00	28.84 0.00 0.00	24.74 -0.03 0.00	24.94 -0.03 0.00	23.98 -0.10 0.00	27.28 -0.04 0.00	28.72 -0.10 0.00	24.95 -0.11 0.00	30.68 -0.15 0.01	31.03 0.03 0.00	30.83 0.01 0.06	30.50 0.09 0.00	31.04 0.20 0.03	30.22 0.09 0.24	27.52 0.25 0.00	25.19 0.12 0.00	21.63 -0.12 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	25.39 1.24 0.00	17.46 0.94 -0.47	18.82 1.00 0.00	23.76 1.28 0.00	24.53 1.22 0.00	25.15 1.19 0.00	32.74 1.13 0.00	38.20 1.16 0.00	29.87 1.04 0.00	25.81 1.04 0.00	26.10 1.13 0.00	25.19 1.11 0.00	28.54 1.22 0.00	30.20 1.38 0.00	26.36 1.29 0.00	32.52 1.71 0.02	32.59 1.59 0.00	32.34 1.59 0.14	31.85 1.43 0.00	32.11 1.31 0.07	31.18 1.33 0.51	28.28 1.01 0.00	26.06 1.00 0.00	22.73 0.99 0.00
SWANROAD_115KV_TB1 355699	23.36 -0.79 0.00	15.66 -0.92 -0.53	16.84 -0.98 0.00	21.21 -1.27 0.00	21.91 -1.40 0.00	22.71 -1.24 0.00	30.11 -1.51 0.00	34.85 -2.18 0.00	27.16 -1.68 0.00	22.81 -1.96 0.00	22.63 -2.02 0.32	16.15 -1.58 6.35	25.09 -2.23 0.00	26.60 -2.22 0.00	23.27 -1.80 0.00	28.24 -2.57 0.02	27.91 -3.08 0.00	27.70 -3.02 0.16	27.47 -2.94 0.00	28.00 -2.79 0.08	27.09 -2.67 0.61	24.83 -2.44 0.00	22.71 -2.35 0.00	19.42 -2.31 0.01
SYNERGY___BIOGAS 323694	24.34 0.19 0.00	16.37 -0.21 -0.53	17.62 -0.20 0.00	22.19 -0.29 0.00	22.94 -0.37 0.00	23.78 -0.17 0.00	31.54 -0.07 0.00	36.48 -0.55 0.00	28.16 -0.68 0.00	23.68 -1.09 0.00	23.55 -1.23 0.20	19.01 -0.97 4.10	25.98 -1.35 0.00	27.57 -1.26 0.00	24.06 -1.00 0.00	29.48 -1.33 0.02	29.17 -1.83 0.00	29.18 -1.54 0.16	29.06 -1.36 0.00	29.63 -1.16 0.08	28.71 -1.06 0.60	26.23 -1.04 0.00	23.94 -1.12 0.00	20.50 -1.24 0.01
SYRACUSE___ENERGY_ST1 323597	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
SYRACUSE___ENERGY_ST2 323598	24.28 0.12 0.00	16.58 0.05 -0.47	17.89 0.07 0.00	22.57 0.09 0.00	23.36 0.06 0.00	24.03 0.08 0.00	31.51 -0.11 0.00	36.55 -0.48 0.00	28.44 -0.40 0.00	24.34 -0.42 0.00	24.49 -0.49 0.00	23.64 -0.44 0.00	26.77 -0.55 0.00	28.29 -0.54 0.00	24.60 -0.47 0.00	30.20 -0.62 0.00	30.32 -0.68 0.00	30.20 -0.64 0.04	29.82 -0.60 0.00	30.27 -0.58 0.02	29.68 -0.55 0.14	26.73 -0.55 0.00	24.54 -0.52 0.00	21.38 -0.37 0.00
SYRACUSE___POWER 24017	24.37 0.21 0.00	16.66 0.12 -0.49	17.95 0.13 0.00	22.66 0.18 0.00	23.44 0.14 0.00	24.11 0.15 0.00	31.60 -0.02 0.00	36.63 -0.40 0.00	28.51 -0.32 0.00	24.43 -0.34 0.00	24.55 -0.43 0.00	23.72 -0.37 0.00	26.86 -0.47 0.00	28.39 -0.43 0.00	24.68 -0.38 0.00	30.28 -0.53 0.02	30.38 -0.61 0.00	30.19 -0.60 0.10	29.86 -0.55 0.00	30.30 -0.51 0.05	29.52 -0.48 0.37	26.77 -0.50 0.00	24.62 -0.45 0.00	21.45 -0.30 0.00
TALLMAN__138KV_BK151 55660	25.51 1.35 0.00	17.55 1.02 -0.47	18.89 1.08 0.00	23.86 1.38 0.00	24.63 1.33 0.00	25.27 1.31 0.00	32.89 1.28 0.00	38.38 1.34 0.00	30.02 1.18 0.00	25.96 1.19 0.00	26.29 1.32 0.00	25.35 1.27 0.00	28.74 1.42 0.00	30.42 1.59 0.00	26.56 1.50 0.00	32.80 2.00 0.02	32.84 1.84 0.00	32.56 1.82 0.14	32.04 1.62 0.00	32.28 1.48 0.07	31.35 1.50 0.52	28.40 1.12 0.00	26.17 1.11 0.00	22.83 1.09 0.00
TEALLAVE_115KV_TB7 355573	24.27 0.12 0.00	16.59 0.05 -0.48	17.88 0.07 0.00	22.58 0.10 0.00	23.36 0.05 0.00	24.01 0.06 0.00	31.47 -0.15 0.00	36.49 -0.54 0.00	28.42 -0.42 0.00	24.35 -0.42 0.00	24.48 -0.50 0.00	23.65 -0.44 0.00	26.78 -0.55 0.00	28.31 -0.52 0.00	24.60 -0.47 0.00	30.17 -0.64 0.02	30.25 -0.75 0.00	30.04 -0.74 0.10	29.71 -0.71 0.00	30.14 -0.67 0.05	29.34 -0.64 0.39	26.64 -0.64 0.00	24.49 -0.57 0.00	21.36 -0.39 0.00
TELGRAPH_34_KV_EAST 80808	23.88 -0.28 0.00	16.04 -0.54 -0.53	17.25 -0.57 0.00	21.73 -0.75 0.00	22.45 -0.85 0.00	23.28 -0.68 0.00	30.86 -0.75 0.00	35.70 -1.33 0.00	27.72 -1.12 0.00	23.32 -1.45 0.00	23.16 -1.54 0.27	17.49 -1.22 5.38	25.63 -1.70 0.00	27.19 -1.64 0.00	23.75 -1.31 0.00	28.93 -1.87 0.02	28.65 -2.35 0.00	28.49 -2.23 0.16	28.31 -2.11 0.00	28.85 -1.93 0.08	27.93 -1.83 0.60	25.56 -1.71 0.00	23.36 -1.71 0.00	19.98 -1.75 0.01
TEMPLE___115KV_TB 2 55572	24.28 0.13 0.00	16.59 0.06 -0.48	17.89 0.08 0.00	22.59 0.10 0.00	23.36 0.06 0.00	24.02 0.07 0.00	31.47 -0.14 0.00	36.50 -0.53 0.00	28.42 -0.41 0.00	24.36 -0.41 0.00	24.49 -0.48 0.00	23.66 -0.43 0.00	26.80 -0.53 0.00	28.32 -0.50 0.00	24.62 -0.45 0.00	30.19 -0.63 0.02	30.27 -0.73 0.00	30.05 -0.72 0.11	29.72 -0.69 0.00	30.16 -0.65 0.06	29.33 -0.63 0.40	26.65 -0.63 0.00	24.50 -0.56 0.00	21.36 -0.38 0.00
TIANA____69_KV_BK 1 55817	26.01 1.85 0.00	18.04 1.50 -0.49	19.31 1.49 0.00	24.34 1.86 0.00	25.15 1.84 0.00	25.87 1.91 0.00	33.36 1.75 0.00	39.87 2.18 -0.67	31.02 1.86 -0.33	27.65 2.24 -0.64	35.30 2.33 -8.00	26.14 1.92 -0.14	30.20 2.15 -0.73	30.56 1.96 0.22	26.96 1.90 0.00	33.35 2.54 0.02	33.38 2.39 0.00	33.12 2.39 0.14	32.76 2.35 0.00	33.21 2.42 0.07	32.17 2.34 0.53	29.09 1.81 0.00	26.97 1.91 0.00	23.62 1.87 0.00



TILDEN___115KV_TB1 80814	24.37 0.21 0.00	16.66 0.12 -0.49	17.95 0.13 0.00	22.66 0.18 0.00	23.44 0.14 0.00	24.11 0.15 0.00	31.60 -0.02 0.00	36.63 -0.40 0.00	28.51 -0.32 0.00	24.43 -0.34 0.00	24.55 -0.43 0.00	23.72 -0.37 0.00	26.86 -0.47 0.00	28.39 -0.43 0.00	24.68 -0.38 0.00	30.28 -0.53 0.02	30.38 -0.61 0.00	30.19 -0.60 0.10	29.86 -0.55 0.00	30.30 -0.51 0.05	29.52 -0.48 0.37	26.77 -0.50 0.00	24.62 -0.45 0.00	21.45 -0.30 0.00
TRIGEN___CC 323695	25.89 1.73 0.00	17.87 1.33 -0.49	19.19 1.37 0.00	24.23 1.75 0.00	25.01 1.70 0.00	25.65 1.69 0.00	33.27 1.66 0.00	42.69 2.03 -3.62	33.91 1.73 -3.35	29.99 1.76 -3.46	49.52 1.91 -22.64	26.55 1.72 -0.75	35.26 1.99 -5.95	31.02 1.95 -0.25	26.93 1.87 0.00	33.16 2.35 0.02	33.15 2.15 0.00	32.81 2.07 0.14	32.35 1.94 0.00	32.64 1.84 0.07	31.66 1.83 0.53	28.70 1.43 0.00	26.55 1.49 0.00	23.28 1.52 -0.01
TRINITY___115KV___4 BK 55933	24.81 0.66 0.00	17.18 0.60 -0.53	18.51 0.68 0.00	23.36 0.89 0.00	24.07 0.76 0.00	24.66 0.70 0.00	31.99 0.37 0.00	37.23 0.20 0.00	29.03 0.20 0.00	24.99 0.22 0.00	25.21 0.24 0.00	24.34 0.25 0.00	27.61 0.29 0.00	29.15 0.33 0.00	25.36 0.30 0.00	31.22 0.42 0.02	31.37 0.37 0.00	31.06 0.33 0.15	30.68 0.26 0.00	30.93 0.14 0.08	30.00 0.21 0.58	27.38 0.11 0.00	25.31 0.24 0.00	22.07 0.32 0.00
UNION___PROCESSING_DRP 323587	24.03 -0.13 0.00	16.29 -0.29 -0.52	17.52 -0.30 0.00	22.08 -0.40 0.00	22.83 -0.48 0.00	23.58 -0.37 0.00	31.15 -0.47 0.00	36.12 -0.92 0.00	28.06 -0.77 0.00	23.85 -0.92 0.00	23.97 -1.00 0.00	23.19 -0.89 0.00	26.27 -1.05 0.00	27.80 -1.02 0.00	24.22 -0.84 0.00	29.63 -1.18 0.02	29.46 -1.54 0.00	29.32 -1.41 0.16	29.07 -1.35 0.00	29.53 -1.26 0.08	28.58 -1.20 0.59	26.13 -1.15 0.00	23.89 -1.17 0.00	20.59 -1.16 0.00
UPPER HUDSON___HYD 24058	25.55 1.39 0.00	17.59 1.00 -0.54	18.94 1.12 0.00	23.92 1.44 0.00	24.67 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.23 1.20 0.00	29.74 0.91 0.00	25.47 0.71 0.00	25.70 0.73 0.00	24.94 0.85 0.00	28.35 1.03 0.00	29.93 1.10 0.00	25.89 0.82 0.00	31.87 1.06 0.02	32.22 1.22 0.00	31.95 1.22 0.16	31.62 1.21 0.00	32.00 1.21 0.08	31.13 1.36 0.60	28.44 1.17 0.00	26.17 1.11 0.00	22.77 1.03 0.00
UPPER RAQUET___HYD 24056	22.81 -1.34 0.00	10.95 -1.03 4.07	16.69 -1.12 0.00	21.09 -1.39 0.00	22.00 -1.31 0.00	22.85 -1.11 0.00	30.84 -0.77 0.00	36.92 -0.11 0.00	28.55 -0.28 0.00	24.54 -0.23 0.00	24.68 -0.30 0.00	23.63 -0.45 0.00	26.88 -0.44 0.00	28.20 -0.62 0.00	24.43 -0.62 0.00	30.11 -0.71 0.01	30.52 -0.48 0.00	30.18 -0.63 0.07	30.00 -0.41 0.00	30.76 -0.07 0.04	29.82 -0.27 0.28	27.35 0.07 0.00	24.90 -0.16 0.00	21.19 -0.55 0.00
VALLEY44_115KV_TB2 355964	24.44 0.28 0.00	16.57 -0.01 -0.53	17.84 0.02 0.00	22.54 0.06 0.00	23.30 -0.01 0.00	24.08 0.12 0.00	31.84 0.23 0.00	36.87 -0.16 0.00	28.62 -0.22 0.00	24.31 -0.46 0.00	24.10 -0.72 0.15	20.40 -0.57 3.12	26.52 -0.81 0.00	27.99 -0.83 0.00	24.44 -0.62 0.00	29.78 -1.03 0.02	29.54 -1.46 0.00	29.22 -1.50 0.16	28.87 -1.54 0.00	29.40 -1.38 0.08	28.46 -1.30 0.60	26.01 -1.26 0.00	23.86 -1.21 0.00	20.54 -1.20 0.01
VALLEY___115KV_TB 1-4 80826	24.76 0.61 0.00	17.53 0.52 -0.96	18.41 0.59 0.00	23.23 0.75 0.00	23.96 0.65 0.00	24.59 0.64 0.00	31.86 0.24 0.00	36.91 -0.13 0.00	28.53 -0.31 0.00	24.44 -0.33 0.00	24.77 -0.20 0.00	24.02 -0.06 0.00	27.18 -0.15 0.00	28.72 -0.10 0.00	24.88 -0.18 0.00	30.75 -0.05 0.03	31.02 0.02 0.00	30.82 0.12 0.19	30.52 0.10 0.00	30.83 0.06 0.10	29.82 0.16 0.71	27.36 0.09 0.00	25.21 0.15 0.00	21.96 0.22 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	25.23 1.08 0.00	17.35 0.76 -0.54	18.67 0.86 0.00	23.60 1.12 0.00	24.38 1.08 0.00	25.01 1.05 0.00	32.75 1.13 0.00	38.10 1.07 0.00	29.72 0.88 0.00	25.54 0.77 0.00	25.72 0.75 0.00	24.85 0.76 0.00	28.15 0.83 0.00	29.71 0.89 0.00	25.87 0.81 0.00	31.82 1.01 0.02	31.95 0.96 0.00	31.77 1.04 0.16	31.41 1.00 0.00	31.80 1.01 0.08	30.78 1.01 0.59	28.09 0.82 0.00	25.79 0.73 0.00	22.40 0.66 0.00
VISCHER___FERRY HYD 24020	25.15 1.00 0.00	17.37 0.78 -0.54	18.71 0.89 0.00	23.63 1.16 0.00	24.36 1.05 0.00	24.97 1.02 0.00	32.41 0.79 0.00	37.71 0.68 0.00	29.36 0.52 0.00	25.24 0.47 0.00	25.46 0.49 0.00	24.59 0.50 0.00	27.95 0.63 0.00	29.52 0.69 0.00	25.61 0.55 0.00	31.55 0.75 0.02	31.74 0.74 0.00	31.46 0.73 0.16	31.10 0.69 0.00	31.37 0.58 0.08	30.46 0.68 0.59	27.82 0.55 0.00	25.65 0.59 0.00	22.36 0.62 0.00
V_A_10_SYNC_DSASP 323832	23.69 -0.47 0.00	15.99 -0.59 -0.53	17.21 -0.61 0.00	21.68 -0.80 0.00	22.39 -0.92 0.00	23.16 -0.80 0.00	30.67 -0.95 0.00	35.54 -1.50 0.00	27.65 -1.18 0.00	23.40 -1.37 0.00	23.31 -1.47 0.19	18.96 -1.29 3.84	25.75 -1.58 0.00	27.26 -1.57 0.00	23.77 -1.29 0.00	28.95 -1.86 0.02	28.65 -2.34 0.00	28.43 -2.29 0.16	28.18 -2.23 0.00	28.69 -2.10 0.08	27.73 -2.01 0.62	25.41 -1.86 0.00	23.24 -1.82 0.00	19.95 -1.79 0.01
V_CMM_10_SYNC_DSASP 323787	23.55 -0.61 0.00	10.30 -0.49 5.26	17.28 -0.54 0.00	21.80 -0.68 0.00	22.69 -0.62 0.00	23.42 -0.54 0.00	31.43 -0.19 0.00	37.33 0.29 0.00	28.98 0.14 0.00	24.86 0.09 0.00	25.07 0.09 0.00	24.10 0.02 0.00	27.43 0.10 0.00	28.86 0.04 0.00	25.06 0.01 0.00	30.82 0.00 0.01	31.18 0.19 0.00	30.98 0.16 0.06	30.66 0.25 0.00	31.20 0.37 0.04	30.36 0.24 0.24	27.68 0.41 0.00	25.32 0.25 0.00	21.72 -0.03 0.00
V_CMP_10_SYNC_DSASP 323788	23.47 -0.68 0.00	10.21 -0.57 5.28	17.24 -0.58 0.00	21.80 -0.68 0.00	22.62 -0.69 0.00	23.46 -0.49 0.00	31.67 0.05 0.00	37.63 0.60 0.00	29.14 0.30 0.00	25.05 0.28 0.00	25.31 0.34 0.00	24.36 0.27 0.00	27.67 0.35 0.00	29.20 0.38 0.00	25.27 0.21 0.00	31.17 0.35 0.01	31.65 0.65 0.00	31.34 0.52 0.06	31.06 0.65 0.00	31.69 0.86 0.04	30.97 0.84 0.24	28.20 0.93 0.00	25.79 0.73 0.00	22.14 0.39 0.00
V_D_10_SYNC_DSASP 323841	23.55 -0.61 0.00	10.48 -0.50 5.07	17.27 -0.55 0.00	21.78 -0.69 0.00	22.68 -0.63 0.00	23.43 -0.52 0.00	31.48 -0.13 0.00	37.55 0.51 0.00	29.12 0.29 0.00	25.00 0.23 0.00	25.19 0.21 0.00	24.20 0.12 0.00	27.53 0.21 0.00	28.96 0.14 0.00	25.14 0.08 0.00	30.93 0.11 0.01	31.30 0.30 0.00	31.06 0.25 0.06	30.78 0.36 0.00	31.36 0.53 0.04	30.44 0.32 0.25	27.84 0.56 0.00	25.44 0.38 0.00	21.74 -0.01 0.00
V_E_10_SYNC_DSASP 323830	25.87 1.72 0.00	17.58 1.00 -0.53	18.89 1.07 0.00	23.88 1.40 0.00	24.81 1.51 0.00	25.65 1.70 0.00	33.87 2.26 0.00	39.26 2.22 0.00	30.16 1.33 0.00	25.66 0.89 0.00	25.83 0.79 -0.07	26.38 0.98 -1.32	28.03 0.70 0.00	29.62 0.79 0.00	25.98 0.92 0.00	31.93 1.12 0.02	32.30 1.30 0.00	32.14 1.40 0.15	32.00 1.58 0.00	32.81 2.02 0.08	31.79 1.98 0.56	28.73 1.45 0.00	26.25 1.19 0.00	22.71 0.96 0.00



V_F_30_NSYNC___DSASP 323816	25.46 1.31 0.00	17.54 0.95 -0.54	18.91 1.09 0.00	23.87 1.39 0.00	24.63 1.32 0.00	25.26 1.31 0.00	32.86 1.25 0.00	38.22 1.19 0.00	29.70 0.86 0.00	25.47 0.70 0.00	25.68 0.71 0.00	24.86 0.78 0.00	28.25 0.92 0.00	29.84 1.01 0.00	25.85 0.79 0.00	31.87 1.06 0.02	32.11 1.12 0.00	31.89 1.16 0.16	31.54 1.12 0.00	31.88 1.10 0.08	30.97 1.20 0.59	28.28 1.00 0.00	26.03 0.97 0.00	22.67 0.92 0.00
V_F_30_SYNC_DSASP 323786	24.89 0.73 0.00	17.23 0.64 -0.53	18.55 0.73 0.00	23.42 0.94 0.00	24.13 0.83 0.00	24.72 0.77 0.00	32.11 0.49 0.00	37.36 0.33 0.00	29.13 0.29 0.00	25.07 0.30 0.00	25.30 0.33 0.00	24.43 0.35 0.00	27.72 0.40 0.00	29.28 0.46 0.00	25.46 0.40 0.00	31.36 0.55 0.02	31.52 0.53 0.00	31.21 0.49 0.15	30.81 0.40 0.00	31.08 0.29 0.08	30.13 0.35 0.58	27.50 0.22 0.00	25.41 0.34 0.00	22.14 0.39 0.00
V_XM_10_SYNC_DSASP 323789	23.47 -0.68 0.00	10.21 -0.57 5.28	17.24 -0.58 0.00	21.80 -0.68 0.00	22.62 -0.69 0.00	23.46 -0.49 0.00	31.67 0.05 0.00	37.63 0.60 0.00	29.14 0.30 0.00	25.05 0.28 0.00	25.31 0.34 0.00	24.36 0.27 0.00	27.67 0.35 0.00	29.20 0.38 0.00	25.27 0.21 0.00	31.17 0.35 0.01	31.65 0.65 0.00	31.34 0.52 0.06	31.06 0.65 0.00	31.69 0.86 0.04	30.97 0.84 0.24	28.20 0.93 0.00	25.79 0.73 0.00	22.14 0.39 0.00
W.BABYLN_69_KV_BK1 56697	26.21 2.06 0.00	18.10 1.56 -0.49	19.43 1.61 0.00	24.51 2.03 0.00	25.30 2.00 0.00	25.97 2.01 0.00	33.62 2.01 0.00	41.18 2.48 -1.67	32.35 2.10 -1.42	28.54 2.18 -1.60	39.47 2.37 -12.13	26.51 2.08 -0.34	32.29 2.38 -2.58	31.10 2.27 0.00	27.19 2.13 0.00	33.54 2.73 0.02	33.51 2.51 0.00	33.16 2.42 0.14	32.72 2.31 0.00	33.08 2.29 0.07	32.10 2.27 0.53	29.08 1.81 0.00	26.93 1.87 0.00	23.62 1.87 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	25.58 1.42 0.00	17.59 1.06 -0.47	18.95 1.13 0.00	23.92 1.44 0.00	24.69 1.39 0.00	25.33 1.37 0.00	32.99 1.37 0.00	38.49 1.46 0.00	30.11 1.27 0.00	26.03 1.26 0.00	26.36 1.39 0.00	25.42 1.34 0.00	28.82 1.49 0.00	30.51 1.68 0.00	26.64 1.58 0.00	32.89 2.08 0.02	32.94 1.94 0.00	32.65 1.91 0.14	32.13 1.72 0.00	32.37 1.58 0.07	31.45 1.60 0.52	28.49 1.22 0.00	26.25 1.19 0.00	22.90 1.15 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	25.82 1.67 0.00	17.80 1.26 -0.49	19.16 1.34 0.00	24.16 1.68 0.00	24.92 1.61 0.00	25.55 1.60 0.00	33.23 1.61 0.00	38.80 1.77 0.00	30.46 1.63 0.00	26.38 1.61 0.00	26.71 1.74 0.00	25.76 1.68 0.00	29.17 1.85 0.00	30.82 2.00 0.00	26.90 1.84 0.00	33.23 2.42 0.02	33.25 2.25 0.00	32.94 2.20 0.14	32.46 2.04 0.00	32.69 1.89 0.07	31.71 1.88 0.53	28.76 1.49 0.00	26.51 1.45 0.00	23.18 1.43 0.00
W50THST__13_KV_LOAD 356117	25.95 1.79 0.00	17.89 1.35 -0.49	19.25 1.43 0.00	24.26 1.78 0.00	25.03 1.73 0.00	25.68 1.72 0.00	33.41 1.79 0.00	39.00 1.97 0.00	30.63 1.79 0.00	26.53 1.76 0.00	26.87 1.90 0.00	25.93 1.84 0.00	29.36 2.03 0.00	31.03 2.21 0.00	27.09 2.03 0.00	33.47 2.66 0.02	33.48 2.49 0.00	33.16 2.42 0.14	32.65 2.24 0.00	32.86 2.07 0.07	31.88 2.05 0.53	28.90 1.63 0.00	26.63 1.57 0.00	23.28 1.53 0.00
WADING RIVER_IC_1 23522	25.85 1.69 0.00	18.00 1.46 -0.49	19.28 1.46 0.00	24.32 1.84 0.00	25.11 1.81 0.00	25.75 1.80 0.00	33.10 1.49 0.00	39.44 1.75 -0.66	30.67 1.52 -0.32	27.31 1.91 -0.63	35.00 2.04 -7.98	25.89 1.67 -0.14	29.86 1.81 -0.72	30.31 1.70 0.22	26.74 1.68 0.00	33.01 2.20 0.02	32.99 1.99 0.00	32.71 1.97 0.14	32.31 1.90 0.00	32.72 1.92 0.07	31.72 1.89 0.53	28.71 1.44 0.00	26.63 1.57 0.00	23.33 1.58 0.00
WADING RIVER_IC_2 23547	25.85 1.69 0.00	18.00 1.46 -0.49	19.28 1.46 0.00	24.32 1.84 0.00	25.11 1.81 0.00	25.75 1.80 0.00	33.10 1.49 0.00	39.44 1.75 -0.66	30.67 1.52 -0.32	27.31 1.91 -0.63	35.00 2.04 -7.98	25.89 1.67 -0.14	29.86 1.81 -0.72	30.31 1.70 0.22	26.74 1.68 0.00	33.01 2.20 0.02	32.99 1.99 0.00	32.71 1.97 0.14	32.31 1.90 0.00	32.72 1.92 0.07	31.72 1.89 0.53	28.71 1.44 0.00	26.63 1.57 0.00	23.33 1.58 0.00
WADING RIVER_IC_3 23601	25.85 1.69 0.00	18.00 1.46 -0.49	19.28 1.46 0.00	24.32 1.84 0.00	25.11 1.81 0.00	25.75 1.80 0.00	33.10 1.49 0.00	39.44 1.75 -0.66	30.67 1.52 -0.32	27.31 1.91 -0.63	35.00 2.04 -7.98	25.89 1.67 -0.14	29.86 1.81 -0.72	30.31 1.70 0.22	26.74 1.68 0.00	33.01 2.20 0.02	32.99 1.99 0.00	32.71 1.97 0.14	32.31 1.90 0.00	32.72 1.92 0.07	31.72 1.89 0.53	28.71 1.44 0.00	26.63 1.57 0.00	23.33 1.58 0.00
WALDENNY_12_KV_BK2 80841	23.97 -0.18 0.00	16.11 -0.47 -0.53	17.34 -0.48 0.00	21.85 -0.62 0.00	22.57 -0.74 0.00	23.37 -0.59 0.00	30.99 -0.62 0.00	35.90 -1.13 0.00	27.94 -0.90 0.00	23.60 -1.17 0.00	23.31 -1.28 0.38	15.33 -1.04 7.71	25.94 -1.38 0.00	27.53 -1.29 0.00	24.07 -0.99 0.00	29.26 -1.54 0.02	28.98 -2.02 0.00	28.73 -1.99 0.16	28.43 -1.99 0.00	28.99 -1.80 0.08	28.02 -1.73 0.61	25.64 -1.63 0.00	23.45 -1.61 0.00	20.03 -1.70 0.02
WALDEN___HYDRO 24148	25.53 1.37 0.00	17.56 1.03 -0.48	18.92 1.11 0.00	23.89 1.42 0.00	24.66 1.35 0.00	25.28 1.33 0.00	32.91 1.29 0.00	38.39 1.35 0.00	30.02 1.19 0.00	25.93 1.16 0.00	26.21 1.24 0.00	25.30 1.22 0.00	28.67 1.34 0.00	30.31 1.48 0.00	26.46 1.40 0.00	32.67 1.86 0.02	32.77 1.78 0.00	32.50 1.75 0.14	32.03 1.62 0.00	32.29 1.50 0.07	31.37 1.52 0.52	28.45 1.18 0.00	26.22 1.16 0.00	22.87 1.12 0.00
WARRENSBURG____ 23737	25.55 1.39 0.00	17.59 1.00 -0.54	18.94 1.12 0.00	23.92 1.44 0.00	24.67 1.37 0.00	25.33 1.38 0.00	32.91 1.29 0.00	38.23 1.20 0.00	29.74 0.91 0.00	25.48 0.71 0.00	25.70 0.73 0.00	24.94 0.85 0.00	28.35 1.03 0.00	29.93 1.10 0.00	25.89 0.82 0.00	31.87 1.06 0.02	32.22 1.23 0.00	31.95 1.23 0.16	31.62 1.21 0.00	32.00 1.21 0.08	31.13 1.36 0.60	28.44 1.17 0.00	26.17 1.11 0.00	22.77 1.03 0.00
WATERSIDE____6 8 9 23538	25.88 1.72 0.00	17.84 1.30 -0.49	19.20 1.38 0.00	24.18 1.70 0.00	24.93 1.62 0.00	25.55 1.59 0.00	33.22 1.60 0.00	38.77 1.74 0.00	30.46 1.63 0.00	26.36 1.59 0.00	26.70 1.73 0.00	25.75 1.67 0.00	29.15 1.82 0.00	30.78 1.96 0.00	26.89 1.83 0.00	33.19 2.39 0.02	33.22 2.23 0.00	32.93 2.19 0.14	32.41 1.99 0.00	32.66 1.86 0.07	31.68 1.85 0.53	28.73 1.45 0.00	26.48 1.42 0.00	23.17 1.43 0.00
WATKINRD_115KV_LN8_ILLION 55919	24.64 0.48 0.00	17.43 0.42 -0.96	18.30 0.48 0.00	23.10 0.62 0.00	23.84 0.53 0.00	24.46 0.51 0.00	31.75 0.14 0.00	36.81 -0.22 0.00	28.53 -0.31 0.00	24.49 -0.28 0.00	24.75 -0.23 0.00	23.98 -0.11 0.00	27.17 -0.16 0.00	28.70 -0.13 0.00	24.89 -0.17 0.00	30.71 -0.09 0.03	30.94 -0.05 0.00	30.72 0.02 0.19	30.43 0.01 0.00	30.74 -0.03 0.10	29.71 0.05 0.71	27.27 0.00 0.00	25.11 0.05 0.00	21.86 0.11 0.00



WDELAWARE___HYD 323627	25.04 0.89 0.00	17.22 0.70 -0.47	18.57 0.75 0.00	23.45 0.97 0.00	24.22 0.91 0.00	24.85 0.89 0.00	32.37 0.76 0.00	37.77 0.74 0.00	29.59 0.76 0.00	25.67 0.90 0.00	25.91 0.94 0.00	24.97 0.89 0.00	28.29 0.97 0.00	29.81 0.98 0.00	25.94 0.88 0.00	32.05 1.24 0.02	32.27 1.27 0.00	32.03 1.28 0.14	31.62 1.21 0.00	31.89 1.10 0.07	30.98 1.13 0.51	28.10 0.82 0.00	25.86 0.80 0.00	22.54 0.79 0.00
WEST BABYLON___IC 23714	26.21 2.06 0.00	18.10 1.56 -0.49	19.43 1.61 0.00	24.51 2.03 0.00	25.30 2.00 0.00	25.97 2.01 0.00	33.62 2.01 0.00	41.18 2.48 -1.67	32.35 2.10 -1.42	28.54 2.18 -1.60	39.47 2.37 -12.13	26.51 2.08 -0.34	32.29 2.38 -2.58	31.10 2.27 0.00	27.19 2.13 0.00	33.54 2.73 0.02	33.51 2.51 0.00	33.16 2.42 0.14	32.72 2.31 0.00	33.08 2.29 0.07	32.10 2.27 0.53	29.08 1.81 0.00	26.93 1.87 0.00	23.62 1.87 0.00
WEST CANADA___HYD 24049	24.47 0.31 0.00	17.27 0.25 -0.96	18.12 0.31 0.00	22.89 0.41 0.00	23.65 0.34 0.00	24.26 0.31 0.00	31.66 0.04 0.00	36.82 -0.21 0.00	28.67 -0.17 0.00	24.66 -0.11 0.00	24.84 -0.13 0.00	23.99 -0.10 0.00	27.17 -0.15 0.00	28.67 -0.15 0.00	24.92 -0.14 0.00	30.65 -0.16 0.03	30.79 -0.21 0.00	30.50 -0.19 0.19	30.21 -0.20 0.00	30.54 -0.23 0.10	29.47 -0.19 0.71	27.05 -0.22 0.00	24.90 -0.16 0.00	21.70 -0.05 0.00
WESTERN_NY_WIND 24143	24.32 0.16 0.00	16.35 -0.23 -0.53	17.59 -0.23 0.00	22.15 -0.33 0.00	22.90 -0.40 0.00	23.74 -0.21 0.00	31.51 -0.11 0.00	36.44 -0.59 0.00	28.13 -0.71 0.00	23.64 -1.13 0.00	23.50 -1.26 0.22	18.68 -0.99 4.42	25.93 -1.39 0.00	27.53 -1.29 0.00	24.04 -1.02 0.00	29.44 -1.37 0.02	29.13 -1.87 0.00	29.14 -1.59 0.16	29.01 -1.40 0.00	29.58 -1.21 0.08	28.66 -1.11 0.60	26.19 -1.08 0.00	23.91 -1.16 0.00	20.47 -1.26 0.01
WESTOVER___LESR 323668	24.53 0.37 0.00	16.81 0.22 -0.53	18.08 0.26 0.00	22.84 0.36 0.00	23.60 0.29 0.00	24.26 0.30 0.00	31.79 0.18 0.00	36.87 -0.17 0.00	28.65 -0.18 0.00	24.59 -0.18 0.00	24.70 -0.28 0.00	23.90 -0.19 0.00	27.03 -0.29 0.00	28.57 -0.25 0.00	24.90 -0.17 0.00	30.53 -0.28 0.02	30.59 -0.41 0.00	30.34 -0.39 0.16	29.96 -0.45 0.00	30.42 -0.36 0.08	29.41 -0.36 0.60	26.90 -0.38 0.00	24.73 -0.33 0.00	21.48 -0.26 0.00
WETHRSFD_WT_PWR 323626	23.73 -0.43 0.00	15.97 -0.61 -0.53	17.16 -0.65 0.00	21.71 -0.77 0.00	22.46 -0.85 0.00	23.17 -0.78 0.00	30.63 -0.98 0.00	35.40 -1.63 0.00	27.22 -1.61 0.00	23.03 -1.74 0.00	21.46 -1.92 1.59	-9.46 -1.70 31.84	25.25 -2.07 0.00	26.79 -2.03 0.00	23.54 -1.52 0.00	28.91 -1.90 0.02	28.81 -2.18 0.00	28.69 -2.03 0.16	28.39 -2.03 0.00	28.97 -1.82 0.08	27.98 -1.79 0.59	25.52 -1.76 0.00	23.47 -1.59 0.00	19.96 -1.71 0.07
WHAVSTOR_138KV_BK127 55557	25.47 1.32 0.00	17.52 1.00 -0.47	18.87 1.06 0.00	23.83 1.35 0.00	24.60 1.30 0.00	25.23 1.28 0.00	32.85 1.23 0.00	38.32 1.29 0.00	29.97 1.14 0.00	25.92 1.15 0.00	26.24 1.27 0.00	25.30 1.22 0.00	28.68 1.36 0.00	30.35 1.52 0.00	26.50 1.44 0.00	32.72 1.91 0.02	32.77 1.78 0.00	32.49 1.75 0.14	31.97 1.56 0.00	32.21 1.42 0.07	31.29 1.44 0.52	28.35 1.08 0.00	26.14 1.08 0.00	22.80 1.06 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	25.47 1.32 0.00	17.52 1.00 -0.47	18.87 1.06 0.00	23.83 1.35 0.00	24.60 1.30 0.00	25.23 1.28 0.00	32.85 1.23 0.00	38.32 1.29 0.00	29.97 1.14 0.00	25.92 1.15 0.00	26.24 1.27 0.00	25.30 1.22 0.00	28.68 1.36 0.00	30.35 1.52 0.00	26.50 1.44 0.00	32.72 1.91 0.02	32.77 1.78 0.00	32.49 1.75 0.14	31.97 1.56 0.00	32.21 1.42 0.07	31.29 1.44 0.52	28.35 1.08 0.00	26.14 1.08 0.00	22.80 1.06 0.00
WHITEHAL_115KV_TB1 80871	26.75 2.59 0.00	18.39 1.79 -0.54	19.81 1.99 0.00	25.00 2.52 0.00	25.63 2.33 0.00	26.37 2.42 0.00	33.53 1.92 0.00	38.57 1.54 0.00	30.24 1.40 0.00	25.90 1.14 0.00	26.24 1.27 0.00	25.62 1.54 0.00	29.20 1.88 0.00	30.97 2.15 0.00	26.29 1.23 0.00	32.18 1.37 0.02	32.89 1.89 0.00	32.28 1.55 0.16	32.02 1.61 0.00	32.40 1.61 0.08	32.02 2.25 0.59	29.42 2.15 0.00	27.25 2.18 0.00	23.74 2.00 0.00
WHITEPLN_13_KV_LOAD 356215	25.90 1.74 0.00	17.84 1.30 -0.49	19.20 1.39 0.00	24.24 1.76 0.00	25.01 1.70 0.00	25.64 1.68 0.00	33.34 1.73 0.00	38.93 1.90 0.00	30.54 1.71 0.00	26.44 1.67 0.00	26.78 1.80 0.00	25.82 1.73 0.00	29.23 1.91 0.00	30.89 2.07 0.00	26.96 1.90 0.00	33.29 2.49 0.02	33.34 2.35 0.00	33.05 2.31 0.14	32.55 2.14 0.00	32.80 2.00 0.07	31.81 1.98 0.53	28.86 1.59 0.00	26.59 1.53 0.00	23.22 1.48 0.00
WM_FLOYD_69_KV_BK2 356380	25.96 1.80 0.00	18.03 1.49 -0.49	19.31 1.50 0.00	24.37 1.89 0.00	25.16 1.85 0.00	25.81 1.86 0.00	33.25 1.64 0.00	39.71 2.00 -0.68	30.88 1.70 -0.35	27.42 2.00 -0.66	35.20 2.16 -8.07	26.04 1.82 -0.14	30.10 2.01 -0.76	30.49 1.88 0.21	26.89 1.83 0.00	33.19 2.38 0.02	33.17 2.17 0.00	32.86 2.12 0.14	32.46 2.05 0.00	32.86 2.07 0.07	31.86 2.03 0.53	28.86 1.58 0.00	26.76 1.69 0.00	23.46 1.72 0.00
WOODARD___115KV_TB2 355635	24.22 0.07 0.00	16.54 0.02 -0.47	17.85 0.03 0.00	22.53 0.05 0.00	23.31 0.00 0.00	23.97 0.01 0.00	31.41 -0.21 0.00	36.43 -0.60 0.00	28.38 -0.46 0.00	24.31 -0.46 0.00	24.44 -0.53 0.00	23.60 -0.48 0.00	26.74 -0.58 0.00	28.26 -0.57 0.00	24.55 -0.52 0.00	30.12 -0.69 0.01	30.22 -0.78 0.00	30.05 -0.75 0.07	29.70 -0.72 0.00	30.14 -0.69 0.04	29.42 -0.66 0.28	26.63 -0.65 0.00	24.47 -0.59 0.00	21.34 -0.41 0.00
WOODMERE_69_KV_BK1 55827	26.16 2.00 0.00	18.04 1.50 -0.49	19.37 1.55 0.00	24.44 1.96 0.00	25.23 1.92 0.00	25.88 1.93 0.00	33.60 1.98 0.00	56.00 2.41 -16.55	49.17 1.98 -18.35	42.59 2.00 -15.83	90.42 2.15 -63.30	29.47 1.96 -3.43	60.61 2.27 -31.02	34.97 2.22 -3.93	27.18 2.12 0.00	33.55 2.74 0.02	33.50 2.50 0.00	33.17 2.44 0.14	32.73 2.32 0.00	33.04 2.24 0.07	32.05 2.22 0.53	29.04 1.77 0.00	26.85 1.79 0.00	23.55 1.76 -0.04
YORK___WARBASSE 23770	26.02 1.86 0.00	17.90 1.36 -0.49	19.26 1.44 0.00	24.29 1.81 0.00	25.06 1.75 0.00	25.69 1.73 0.00	33.34 1.73 0.00	38.86 1.82 0.00	30.51 1.67 0.00	26.39 1.62 0.00	26.74 1.76 0.00	25.76 1.68 0.00	29.19 1.86 0.00	30.83 2.01 0.00	26.97 1.91 0.00	33.26 2.46 0.02	33.32 2.32 0.00	33.02 2.28 0.14	32.49 2.07 0.00	32.74 1.95 0.07	31.77 1.94 0.53	28.81 1.53 0.00	26.55 1.49 0.00	23.21 1.47 0.00