

# Day Ahead Market Generator LBMP

		--- LBMP \$										--- Marginal Cost of Losses										--- Marginal Cost of Congestion										12/28/2023		
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	22.45	21.10	19.85	19.48	19.92	21.17	24.63	25.93	27.70	28.70	31.05	30.78	31.33	31.14	31.03	31.72	34.62	38.87	34.03	29.72	27.79	25.58	24.13	22.48									
		0.80	0.77	0.71	0.75	0.73	0.64	0.97	1.37	1.62	1.75	1.76	1.71	1.72	1.68	1.70	1.74	1.99	2.16	1.93	1.66	1.50	1.24	1.08	0.89									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_1	24260	22.45	21.04	19.86	19.42	19.88	21.17	24.56	25.88	27.62	28.62	30.99	30.69	31.33	31.11	31.00	31.66	34.59	38.91	34.06	29.75	27.74	25.54	24.09	22.45									
		0.80	0.71	0.73	0.69	0.69	0.64	0.90	1.33	1.54	1.67	1.70	1.63	1.72	1.65	1.67	1.68	1.96	2.20	1.96	1.68	1.45	1.19	1.04	0.86									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
74TH STREET_GT_2	24261	22.45	21.04	19.86	19.42	19.88	21.17	24.56	25.88	27.62	28.62	30.99	30.69	31.33	31.11	31.00	31.66	34.59	38.91	34.06	29.75	27.74	25.54	24.09	22.45									
		0.80	0.71	0.73	0.69	0.69	0.64	0.90	1.33	1.54	1.67	1.70	1.63	1.72	1.65	1.67	1.68	1.96	2.20	1.96	1.68	1.45	1.19	1.04	0.86									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK HUDSON___FALLS	24011	22.67	21.29	20.02	19.59	20.11	21.56	24.86	25.95	27.62	28.51	31.07	30.78	31.33	31.17	31.11	31.87	34.66	39.02	34.29	29.81	27.87	25.78	24.20	22.67									
		1.02	0.96	0.88	0.86	0.92	1.03	1.21	1.40	1.54	1.56	1.79	1.71	1.72	1.71	1.79	1.89	2.02	2.31	2.18	1.74	1.58	1.44	1.15	1.08									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK RESOURCE___RCVRY	23798	22.75	21.37	20.06	19.66	20.21	21.62	24.98	26.05	27.75	28.68	31.25	30.95	31.48	31.32	31.29	32.05	34.85	39.23	34.51	29.98	28.02	25.90	24.32	22.78									
		1.10	1.04	0.92	0.94	1.02	1.09	1.32	1.50	1.67	1.73	1.96	1.89	1.87	1.86	1.97	2.07	2.22	2.53	2.41	1.91	1.73	1.56	1.27	1.19									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK S GLENS___FALLS	24028	22.67	21.29	20.02	19.59	20.11	21.56	24.86	25.95	27.62	28.51	31.07	30.78	31.33	31.17	31.11	31.87	34.66	39.02	34.29	29.81	27.87	25.78	24.20	22.67									
		1.02	0.96	0.88	0.86	0.92	1.03	1.21	1.40	1.54	1.56	1.79	1.71	1.72	1.71	1.79	1.89	2.02	2.31	2.18	1.74	1.58	1.44	1.15	1.08									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ADK_NYS___DAM	23527	22.19	20.96	19.62	19.23	19.78	21.10	24.37	25.36	26.99	27.84	30.20	29.88	30.48	30.23	30.14	30.85	33.68	38.17	33.23	28.97	27.21	25.24	23.67	22.13									
		0.54	0.63	0.48	0.51	0.60	0.57	0.71	0.81	0.91	0.89	0.91	0.81	0.86	0.76	0.82	0.87	1.04	1.47	1.12	0.90	0.92	0.90	0.62	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	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AIR_PRODUCTS___DRP	24190	21.80	20.54	19.37	18.97	19.40	20.74	23.80	24.82	26.16	27.00	29.32	29.06	29.68	29.46	29.38	30.07	32.73	36.92	32.26	28.12	26.34	24.44	23.07	21.55									
		0.15	0.20	0.23	0.24	0.21	0.21	0.14	0.27	0.08	0.05	0.03	0.00	0.06	0.00	0.06	0.09	0.10	0.22	0.16	0.06	0.05	0.10	0.02	-0.04									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
AKWESSNE_115KV_BK	355683	21.76	20.45	19.25	18.82	19.28	20.65	23.80	24.72	26.26	27.14	29.52	29.33	29.94	29.78	29.59	30.25	32.86	37.00	32.33	28.26	26.47	24.54	23.19	21.70									
		0.11	0.12	0.11	0.09	0.10	0.12	0.14	0.17	0.18	0.19	0.23	0.26	0.33	0.32	0.26	0.27	0.23	0.29	0.22	0.20	0.18	0.19	0.14	0.11									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_1_SOLAR	323833	22.10	20.84	19.60	19.21	19.69	20.98	24.13	25.07	26.68	27.57	29.96	29.68	30.27	30.08	30.00	30.70	33.42	37.66	32.97	28.74	26.95	25.00	23.56	22.07									
		0.46	0.51	0.46	0.49	0.50	0.45	0.47	0.52	0.60	0.62	0.67	0.61	0.65	0.62	0.68	0.72	0.78	0.95	0.87	0.67	0.66	0.66	0.51	0.47									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY_2_SOLAR	323834	22.10	20.84	19.58	19.21	19.69	20.98	24.13	25.07	26.65	27.54	29.93	29.68	30.24	30.08	30.00	30.70	33.42	37.66	32.97	28.74	26.92	24.97	23.56	22.04									
		0.46	0.51	0.44	0.49	0.50	0.45	0.47	0.52	0.57	0.59	0.64	0.61	0.62	0.62	0.68	0.72	0.78	0.95	0.87	0.67	0.63	0.63	0.51	0.45									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									
ALBANY___1	23571	21.80	20.54	19.37	18.97	19.40	20.74	23.80	24.82	26.16	27.00	29.32	29.06	29.68	29.46	29.38	30.07	32.73	36.92	32.26	28.12	26.34	24.44	23.07	21.55									
		0.15	0.20	0.23	0.24	0.21	0.21	0.14	0.27	0.08	0.05	0.03	0.00	0.06	0.00	0.06	0.09	0.10	0.22	0.16	0.06	0.05	0.10	0.02	-0.04									
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00									



ALBANY___2 23572	21.80 0.15 0.00	20.54 0.20 0.00	19.37 0.23 0.00	18.97 0.24 0.00	19.40 0.21 0.00	20.74 0.21 0.00	23.80 0.14 0.00	24.82 0.27 0.00	26.16 0.08 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.68 0.06 0.00	29.46 0.00 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
ALBANY___3 23573	21.80 0.15 0.00	20.54 0.20 0.00	19.37 0.23 0.00	18.97 0.24 0.00	19.40 0.21 0.00	20.74 0.21 0.00	23.80 0.14 0.00	24.82 0.27 0.00	26.16 0.08 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.68 0.06 0.00	29.46 0.00 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
ALBANY___4 23574	21.80 0.15 0.00	20.54 0.20 0.00	19.37 0.23 0.00	18.97 0.24 0.00	19.40 0.21 0.00	20.74 0.21 0.00	23.80 0.14 0.00	24.82 0.27 0.00	26.16 0.08 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.68 0.06 0.00	29.46 0.00 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
ALBANY___LFGE 323615	21.78 0.13 0.00	20.56 0.22 0.00	19.33 0.19 0.00	18.99 0.26 0.00	19.44 0.25 0.00	20.69 0.16 0.00	23.82 0.17 0.00	24.82 0.27 0.00	26.39 0.31 0.00	27.30 0.35 0.00	29.67 0.38 0.00	29.38 0.32 0.00	29.97 0.36 0.00	29.79 0.32 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.09 0.46 0.00	37.29 0.59 0.00	32.61 0.51 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.71 0.37 0.00	23.30 0.25 0.00	21.74 0.15 0.00
ALCOA_PA_115KV_PL-6C 55860	21.84 0.19 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.90 0.17 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.92 0.26 0.00	24.85 0.29 0.00	26.42 0.34 0.00	27.27 0.32 0.00	29.70 0.41 0.00	29.50 0.44 0.00	30.15 0.53 0.00	29.99 0.53 0.00	29.76 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.66 0.32 0.00	23.30 0.25 0.00	21.81 0.22 0.00
ALCOA_RYNLDS___DRP 24188	21.84 0.19 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.90 0.17 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.92 0.26 0.00	24.85 0.29 0.00	26.42 0.34 0.00	27.27 0.32 0.00	29.70 0.41 0.00	29.50 0.44 0.00	30.15 0.53 0.00	29.99 0.53 0.00	29.76 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.66 0.32 0.00	23.30 0.25 0.00	21.81 0.22 0.00
ALCOA___DSASP 323711	21.84 0.19 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.92 0.26 0.00	24.85 0.30 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.70 0.41 0.00	29.50 0.44 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.77 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.66 0.32 0.00	23.30 0.25 0.00	21.81 0.22 0.00
ALLEGHENY___COGEN 23514	22.77 1.13 0.00	21.04 0.71 0.00	20.00 0.86 0.00	19.31 0.58 0.00	19.82 0.63 0.00	21.56 1.03 0.00	24.53 0.88 0.00	25.26 0.71 0.00	26.94 0.86 0.00	27.84 0.89 0.00	30.11 0.82 0.00	30.05 0.99 0.00	30.44 0.83 0.00	30.40 0.94 0.00	30.18 0.85 0.00	30.97 0.99 0.00	33.71 1.08 0.00	37.73 1.03 0.00	33.06 0.96 0.00	29.11 1.04 0.00	27.23 0.95 0.00	25.10 0.76 0.00	23.79 0.74 0.00	22.46 0.86 0.00
ALTAMONT_115KV_TB 2 55880	21.97 0.32 0.00	20.66 0.33 0.00	19.46 0.33 0.00	19.04 0.32 0.00	19.50 0.31 0.00	20.86 0.33 0.00	24.01 0.35 0.00	25.04 0.49 0.00	26.55 0.47 0.00	27.44 0.49 0.00	29.76 0.47 0.00	29.50 0.44 0.00	30.09 0.47 0.00	29.93 0.47 0.00	29.82 0.50 0.00	30.49 0.51 0.00	33.22 0.59 0.00	37.44 0.73 0.00	32.74 0.64 0.00	28.57 0.51 0.00	26.76 0.47 0.00	24.78 0.44 0.00	23.37 0.32 0.00	21.87 0.28 0.00
ALTONA_WT_PWR 323606	22.25 0.61 0.00	20.92 0.59 0.00	19.69 0.56 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.13 0.60 0.00	24.37 0.71 0.00	25.29 0.74 0.00	26.86 0.78 0.00	27.73 0.78 0.00	30.20 0.91 0.00	29.99 0.93 0.00	30.68 1.06 0.00	30.49 1.03 0.00	30.26 0.94 0.00	30.97 0.99 0.00	33.65 1.01 0.00	37.88 1.17 0.00	33.10 1.00 0.00	28.97 0.90 0.00	27.11 0.82 0.00	25.10 0.76 0.00	23.72 0.67 0.00	22.19 0.60 0.00
AMERICAN_REF_FUEL 24010	21.22 -0.43 0.00	19.58 -0.75 0.00	18.72 -0.42 0.00	17.98 -0.75 0.00	18.46 -0.73 0.00	20.14 -0.39 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.64 -1.43 0.00	25.36 -1.59 0.00	27.47 -1.82 0.00	27.44 -1.63 0.00	27.72 -1.90 0.00	27.75 -1.71 0.00	27.45 -1.88 0.00	28.06 -1.92 0.00	30.09 -2.55 0.00	33.44 -3.27 0.00	29.63 -2.47 0.00	26.33 -1.74 0.00	24.69 -1.60 0.00	22.83 -1.51 0.00	21.80 -1.25 0.00	20.86 -0.73 0.00
ARKWRIGHT___SUMMIT_WT_PWR 323751	22.52 0.87 0.00	20.84 0.51 0.00	19.83 0.69 0.00	19.14 0.41 0.00	19.65 0.46 0.00	21.39 0.86 0.00	24.37 0.71 0.00	24.99 0.44 0.00	26.55 0.47 0.00	27.41 0.46 0.00	29.73 0.44 0.00	29.70 0.64 0.00	30.00 0.38 0.00	30.02 0.56 0.00	29.65 0.32 0.00	30.25 0.27 0.00	32.50 -0.13 0.00	36.23 -0.48 0.00	31.97 -0.13 0.00	28.32 0.25 0.00	26.50 0.21 0.00	24.51 0.17 0.00	23.30 0.25 0.00	22.19 0.60 0.00
ARTHUR KILL_GT_1 23520	22.49 0.84 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.46 0.73 0.00	19.90 0.71 0.00	20.98 0.45 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.31 1.23 0.00	28.35 1.40 0.00	30.67 1.38 0.00	30.40 1.34 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.67 1.35 0.00	31.36 1.38 0.00	34.42 1.73 -0.06	138.87 2.05 -100.11	109.59 1.80 -75.69	99.75 1.60 -70.09	27.50 1.21 0.00	25.34 1.00 0.00	23.99 0.95 0.00	22.39 0.80 0.00
ARTHUR_KILL_2 23512	22.43 0.78 0.00	21.06 0.73 0.00	19.79 0.65 0.00	19.42 0.69 0.00	19.84 0.65 0.00	20.94 0.41 0.00	24.30 0.64 0.00	25.56 1.01 0.00	27.23 1.15 0.00	28.27 1.32 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.86 1.24 0.00	30.67 1.21 0.00	30.59 1.26 0.00	31.27 1.29 0.00	34.32 1.63 -0.06	138.76 1.94 -100.11	109.52 1.73 -75.69	99.64 1.49 -70.09	27.39 1.10 0.00	25.27 0.92 0.00	23.92 0.88 0.00	22.33 0.73 0.00
ARTHUR_KILL_3 23513	22.21 0.56 0.00	20.88 0.55 0.00	19.62 0.48 0.00	19.27 0.54 0.00	19.71 0.52 0.00	20.92 0.39 0.00	24.34 0.69 0.00	25.66 1.11 0.00	27.39 1.30 0.00	28.38 1.43 0.00	30.70 1.41 0.00	30.43 1.37 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.68 1.35 0.00	31.36 1.38 0.00	34.32 1.63 -0.06	138.62 1.80 -100.12	109.43 1.64 -75.69	99.57 1.40 -70.10	27.50 1.21 0.00	25.34 1.00 0.00	23.88 0.83 0.00	22.24 0.65 0.00



ARTHUR_KILL_COGEN 323718	22.49 0.84 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.46 0.73 0.00	19.90 0.71 0.00	20.98 0.45 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.31 1.23 0.00	28.35 1.40 0.00	30.67 1.38 0.00	30.40 1.34 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.67 1.35 0.00	31.36 1.38 0.00	34.42 1.73 -0.06	138.87 2.05 -100.11	109.59 1.80 -75.69	99.75 1.60 -70.09	27.50 1.21 0.00	25.34 1.00 0.00	23.99 0.95 0.00	22.39 0.80 0.00
ASHOKAN____ 23654	22.34 0.69 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.84 0.65 0.00	21.10 0.57 0.00	24.32 0.66 0.00	25.09 0.54 0.00	26.70 0.62 0.00	27.57 0.62 0.00	29.96 0.67 0.00	29.70 0.64 0.00	30.24 0.62 0.00	30.05 0.59 0.00	30.06 0.73 0.00	30.88 0.90 0.00	33.68 1.04 0.00	38.02 1.32 0.00	33.23 1.12 0.00	28.94 0.87 0.00	27.00 0.71 0.00	25.14 0.80 0.00	23.53 0.48 0.00	22.07 0.47 0.00
ASTORIA_EAST_ENERGY_CC1 323581	22.49 0.84 0.00	21.12 0.79 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.96 0.43 0.00	24.24 0.59 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.57 1.87 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.37 0.78 0.00
ASTORIA_EAST_ENERGY_CC2 323582	22.49 0.84 0.00	21.12 0.79 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.96 0.43 0.00	24.24 0.59 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.57 1.87 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.37 0.78 0.00
ASTORIA_GT2_1 24094	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT2_2 24095	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT2_3 24096	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT2_4 24097	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT3_1 24098	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT3_2 24099	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT3_3 24100	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT3_4 24101	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT4_1 24102	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT4_2 24103	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT4_3 24104	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00



ASTORIA_GT4_4 24105	22.52 0.87 0.00	21.08 0.75 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.61 1.06 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.33 1.70 0.00	38.61 1.91 0.00	33.80 1.70 0.00	29.53 1.46 0.00	27.50 1.21 0.00	25.27 0.93 0.00	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA_GT_1 23523	22.54 0.89 0.00	21.17 0.83 0.00	19.94 0.80 0.00	19.57 0.84 0.00	20.01 0.82 0.00	21.00 0.47 0.00	24.29 0.64 0.01	25.62 1.08 0.01	27.40 1.33 0.01	28.42 1.48 0.01	30.74 1.46 0.01	30.45 1.40 0.01	31.00 1.39 0.01	30.81 1.36 0.01	30.72 1.41 0.01	31.41 1.44 0.01	34.39 1.76 0.01	38.68 1.98 0.01	33.86 1.76 0.01	29.58 1.51 0.01	27.54 1.26 0.01	25.31 0.97 0.01	23.90 0.85 0.00	22.41 0.82 0.00
ASTORIA_GT_10 24110	22.45 0.80 0.00	21.04 0.71 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA_GT_11 24225	22.45 0.80 0.00	21.04 0.71 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA_GT_12 24226	22.45 0.80 0.00	21.04 0.71 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA_GT_13 24227	22.45 0.80 0.00	21.04 0.71 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA_GT_5 24106	22.54 0.89 0.00	21.10 0.77 0.00	19.98 0.84 0.00	19.51 0.79 0.00	19.99 0.81 0.00	21.06 0.53 0.00	24.30 0.64 0.00	25.66 1.10 0.00	27.44 1.36 0.00	28.43 1.48 0.00	30.75 1.46 0.00	30.49 1.42 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.45 1.47 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.55 1.26 0.00	25.32 0.97 0.00	23.90 0.85 0.00	22.41 0.82 0.00
ASTORIA_GT_7 24107	22.54 0.89 0.00	21.10 0.77 0.00	19.98 0.84 0.00	19.51 0.79 0.00	19.99 0.81 0.00	21.06 0.53 0.00	24.30 0.64 0.00	25.66 1.10 0.00	27.44 1.36 0.00	28.43 1.48 0.00	30.75 1.46 0.00	30.49 1.42 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.45 1.47 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.55 1.26 0.00	25.32 0.97 0.00	23.90 0.85 0.00	22.41 0.82 0.00
ASTORIA_GT_8 24108	22.54 0.89 0.00	21.10 0.77 0.00	19.98 0.84 0.00	19.51 0.79 0.00	19.99 0.81 0.00	21.06 0.53 0.00	24.30 0.64 0.00	25.66 1.10 0.00	27.44 1.36 0.00	28.43 1.48 0.00	30.75 1.46 0.00	30.49 1.42 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.45 1.47 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.55 1.26 0.00	25.32 0.97 0.00	23.90 0.85 0.00	22.41 0.82 0.00
ASTORIA___2 24149	22.52 0.87 0.00	21.12 0.79 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.98 0.45 0.00	24.24 0.59 0.01	25.57 1.03 0.01	27.37 1.30 0.01	28.37 1.43 0.01	30.69 1.41 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.67 1.35 0.01	31.35 1.38 0.01	34.32 1.70 0.01	38.60 1.91 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.49 1.21 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.39 0.80 0.00
ASTORIA___3 23516	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.92 0.73 0.00	21.02 0.49 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.39 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA___4 23517	22.45 0.80 0.00	21.04 0.71 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
ASTORIA___5 23518	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.92 0.73 0.00	21.02 0.49 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.39 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
AST_ENERGY_2_CC3 323677	22.30 0.65 0.00	20.94 0.61 0.00	19.69 0.56 0.00	19.36 0.64 0.00	19.76 0.58 0.00	20.98 0.45 0.00	24.39 0.73 0.00	25.68 1.13 0.00	27.41 1.33 0.00	28.40 1.45 0.00	30.72 1.43 0.00	30.43 1.37 0.00	31.01 1.39 0.00	30.82 1.36 0.00	30.70 1.38 0.00	31.39 1.41 0.00	34.30 1.66 0.00	38.57 1.87 0.00	33.77 1.67 0.00	29.53 1.46 0.00	27.53 1.24 0.00	25.36 1.02 0.00	23.92 0.88 0.00	22.30 0.71 0.00
AST_ENERGY_2_CC4 323678	22.30 0.65 0.00	20.94 0.61 0.00	19.69 0.56 0.00	19.36 0.64 0.00	19.76 0.58 0.00	20.98 0.45 0.00	24.39 0.73 0.00	25.68 1.13 0.00	27.41 1.33 0.00	28.40 1.45 0.00	30.72 1.43 0.00	30.43 1.37 0.00	31.01 1.39 0.00	30.82 1.36 0.00	30.70 1.38 0.00	31.39 1.41 0.00	34.30 1.66 0.00	38.57 1.87 0.00	33.77 1.67 0.00	29.53 1.46 0.00	27.53 1.24 0.00	25.36 1.02 0.00	23.92 0.88 0.00	22.30 0.71 0.00



ATHENS_STG_1 23668	22.02 0.37 0.00	20.72 0.39 0.00	19.46 0.33 0.00	19.08 0.35 0.00	19.55 0.36 0.00	20.84 0.31 0.00	24.08 0.43 0.00	25.14 0.59 0.00	26.76 0.68 0.00	27.68 0.73 0.00	30.02 0.73 0.00	29.73 0.67 0.00	30.30 0.68 0.00	30.11 0.65 0.00	30.00 0.68 0.00	30.70 0.72 0.00	33.48 0.85 0.00	37.73 1.03 0.00	32.97 0.87 0.00	28.80 0.73 0.00	26.95 0.66 0.00	24.93 0.58 0.00	23.51 0.46 0.00	21.98 0.39 0.00
ATHENS_STG_2 23670	22.02 0.37 0.00	20.72 0.39 0.00	19.46 0.33 0.00	19.08 0.35 0.00	19.55 0.36 0.00	20.84 0.31 0.00	24.08 0.43 0.00	25.14 0.59 0.00	26.76 0.68 0.00	27.68 0.73 0.00	30.02 0.73 0.00	29.73 0.67 0.00	30.30 0.68 0.00	30.11 0.65 0.00	30.00 0.68 0.00	30.70 0.72 0.00	33.48 0.85 0.00	37.73 1.03 0.00	32.97 0.87 0.00	28.80 0.73 0.00	26.95 0.66 0.00	24.93 0.58 0.00	23.51 0.46 0.00	21.98 0.39 0.00
ATHENS_STG_3 23677	22.02 0.37 0.00	20.72 0.39 0.00	19.46 0.33 0.00	19.08 0.35 0.00	19.55 0.36 0.00	20.84 0.31 0.00	24.08 0.43 0.00	25.14 0.59 0.00	26.76 0.68 0.00	27.68 0.73 0.00	30.02 0.73 0.00	29.73 0.67 0.00	30.30 0.68 0.00	30.11 0.65 0.00	30.00 0.68 0.00	30.70 0.72 0.00	33.48 0.85 0.00	37.73 1.03 0.00	32.97 0.87 0.00	28.80 0.73 0.00	26.95 0.66 0.00	24.93 0.58 0.00	23.51 0.46 0.00	21.98 0.39 0.00
AUBURN___LFGE 323710	21.69 0.04 0.00	20.33 0.00 0.00	19.12 -0.02 0.00	18.71 -0.02 0.00	19.19 0.00 0.00	20.55 0.02 0.00	23.66 0.00 0.00	24.45 -0.10 0.00	25.97 -0.10 0.00	26.90 -0.05 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.56 -0.06 0.00	29.46 0.00 0.00	29.30 -0.03 0.00	29.92 -0.06 0.00	32.57 -0.07 0.00	36.56 -0.15 0.00	31.97 -0.13 0.00	28.04 -0.03 0.00	26.26 -0.03 0.00	24.27 -0.07 0.00	23.03 -0.02 0.00	21.63 0.04 0.00
BABYLON_RES_REC 323704	23.21 1.30 -0.26	21.47 1.14 0.00	20.19 1.05 0.00	19.79 1.07 0.00	20.28 1.09 0.00	21.56 1.03 0.00	25.03 1.37 0.00	27.72 1.84 -1.33	28.26 2.06 -0.12	31.51 2.18 -2.38	33.07 2.29 -1.50	31.97 2.24 -0.67	35.09 2.28 -3.20	33.31 2.21 -1.64	32.76 2.23 -1.21	33.94 2.34 -1.62	35.31 2.68 0.00	45.27 3.08 -5.48	34.70 2.60 0.00	30.35 2.27 -0.01	29.83 2.05 -1.49	28.88 1.80 -2.73	25.47 1.54 -0.88	22.91 1.32 0.00
BABYLON__69_KV_BK2 356345	23.44 1.54 -0.26	21.61 1.28 0.00	20.46 1.32 0.00	19.94 1.22 0.00	20.47 1.29 0.00	21.84 1.31 0.00	25.27 1.61 0.00	28.02 2.14 -1.33	28.57 2.37 -0.12	31.81 2.48 -2.38	33.34 2.52 -1.53	32.27 2.53 -0.67	35.42 2.61 -3.20	33.63 2.50 -1.66	33.16 2.49 -1.34	34.35 2.61 -1.76	35.77 3.13 -0.01	45.82 3.63 -5.48	35.12 3.02 0.00	30.74 2.67 0.00	30.15 2.37 -1.49	29.17 2.09 -2.74	25.72 1.80 -0.88	23.12 1.53 0.00
BALL_HILL_WT_PWR 323825	22.12 0.48 0.00	20.48 0.14 0.00	19.50 0.36 0.00	18.80 0.08 0.00	19.30 0.12 0.00	21.02 0.49 0.00	23.87 0.21 0.00	24.45 -0.10 0.00	25.98 -0.10 0.00	26.76 -0.19 0.00	29.02 -0.26 0.00	28.98 -0.09 0.00	29.29 -0.33 0.00	29.31 -0.15 0.00	28.97 -0.35 0.00	29.59 -0.39 0.00	31.82 -0.81 0.00	35.42 -1.29 0.00	31.30 -0.80 0.00	27.73 -0.34 0.00	25.98 -0.31 0.00	24.05 -0.29 0.00	22.89 -0.16 0.00	21.83 0.24 0.00
BARON_WINDS___WT_PWR 323822	22.06 0.41 0.00	20.54 0.20 0.00	19.50 0.36 0.00	18.89 0.17 0.00	19.38 0.19 0.00	21.00 0.47 0.00	23.99 0.33 0.00	24.65 0.10 0.00	26.21 0.13 0.00	27.06 0.11 0.00	29.41 0.12 0.00	29.27 0.20 0.00	29.68 0.06 0.00	29.64 0.18 0.00	29.41 0.09 0.00	30.04 0.06 0.00	32.50 -0.13 0.00	36.30 -0.40 0.00	31.94 -0.16 0.00	28.15 0.08 0.00	26.37 0.08 0.00	24.37 0.02 0.00	23.12 0.07 0.00	21.92 0.32 0.00
BARRETT_IC_1 23704	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_10 23701	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_11 23702	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_12 23703	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_2 23705	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_3 23706	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_4 23707	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00



BARRETT_IC_5 23708	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_6 23709	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_7 23710	22.88 0.97 -0.26	21.17 0.83 0.00	19.98 0.84 0.00	19.51 0.79 0.00	19.99 0.81 0.00	21.35 0.82 0.00	24.70 1.04 0.00	27.38 1.50 -1.33	27.89 1.70 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.53 1.72 -3.19	32.80 1.71 -1.63	32.20 1.73 -1.14	33.27 1.74 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.84 1.77 0.00	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.01 0.00
BARRETT_IC_8 23711	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT_IC_9 23700	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT___1 23545	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BARRETT___2 23546	22.88 0.98 -0.26	21.21 0.87 0.00	19.92 0.78 0.00	19.55 0.82 0.00	20.01 0.82 0.00	21.29 0.76 0.00	24.72 1.07 0.00	27.36 1.47 -1.33	27.89 1.69 -0.12	31.11 1.78 -2.38	32.53 1.76 -1.48	31.42 1.69 -0.67	34.47 1.66 -3.19	32.71 1.62 -1.63	32.17 1.70 -1.14	33.24 1.71 -1.55	34.62 1.99 0.00	44.46 2.28 -5.48	34.09 1.99 0.00	29.85 1.77 -0.01	29.38 1.60 -1.49	28.44 1.36 -2.73	25.15 1.22 -0.88	22.61 1.02 0.00
BATAVIA__115KV_TB1 55881	21.80 0.15 0.00	20.29 -0.04 0.00	19.00 -0.13 0.00	18.61 -0.11 0.00	19.13 -0.06 0.00	20.47 -0.06 0.00	23.47 -0.19 0.00	24.16 -0.39 0.00	25.77 -0.31 0.00	26.57 -0.38 0.00	28.82 -0.47 0.00	28.83 -0.23 0.00	29.11 -0.50 0.00	29.11 -0.35 0.00	28.80 -0.53 0.00	29.44 -0.54 0.00	31.75 -0.88 0.00	35.38 -1.32 0.00	31.14 -0.96 0.00	27.56 -0.51 0.00	25.84 -0.45 0.00	23.86 -0.49 0.00	22.73 -0.32 0.00	21.61 0.02 0.00
BAYONEEC___CTG1 323682	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG10 323750	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG2 323683	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG3 323684	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG4 323685	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG5 323686	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG6 323687	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00



BAYONEEC___CTG7 323688	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG8 323689	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BAYONEEC___CTG9 323749	22.30 0.65 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.00 0.47 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.36 1.73 0.00	38.61 1.91 0.00	33.83 1.73 0.00	29.56 1.49 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.95 0.90 0.00	22.30 0.71 0.00
BEACON___LESR 323632	21.95 0.30 0.00	20.72 0.39 0.00	19.46 0.33 0.00	19.12 0.39 0.00	19.59 0.40 0.00	20.88 0.35 0.00	24.03 0.38 0.00	25.04 0.49 0.00	26.65 0.57 0.00	27.60 0.65 0.00	29.99 0.70 0.00	29.70 0.64 0.00	30.27 0.65 0.00	30.08 0.62 0.00	30.03 0.70 0.00	30.70 0.72 0.00	33.42 0.78 0.00	37.69 0.99 0.00	32.97 0.87 0.00	28.71 0.65 0.00	26.90 0.61 0.00	24.95 0.61 0.00	23.51 0.46 0.00	21.96 0.37 0.00
BEAVER RIVER___HYD 24048	21.11 -0.54 0.00	19.82 -0.51 0.00	18.75 -0.38 0.00	18.37 -0.36 0.00	18.82 -0.37 0.00	20.20 -0.33 0.00	23.40 -0.26 0.00	24.28 -0.27 0.00	25.79 -0.29 0.00	26.65 -0.30 0.00	29.02 -0.26 0.00	28.77 -0.29 0.00	29.32 -0.30 0.00	29.22 -0.24 0.00	29.06 -0.26 0.00	29.74 -0.24 0.00	32.54 -0.10 0.00	36.63 -0.07 0.00	31.97 -0.13 0.00	27.93 -0.14 0.00	26.13 -0.16 0.00	24.10 -0.24 0.00	22.75 -0.30 0.00	21.29 -0.30 0.00
BEEBEE_GT_13 23619	21.52 -0.13 0.00	20.07 -0.26 0.00	18.83 -0.31 0.00	18.45 -0.28 0.00	18.92 -0.27 0.00	20.26 -0.27 0.00	23.25 -0.40 0.00	23.99 -0.56 0.00	25.53 -0.55 0.00	26.38 -0.57 0.00	28.67 -0.62 0.00	28.63 -0.44 0.00	28.99 -0.62 0.00	28.96 -0.50 0.00	28.71 -0.62 0.00	29.32 -0.66 0.00	31.72 -0.91 0.00	35.42 -1.28 0.00	31.08 -1.03 0.00	27.39 -0.67 0.00	25.69 -0.60 0.00	23.73 -0.61 0.00	22.59 -0.46 0.00	21.37 -0.22 0.00
BENSHRST_27_KV_BENSHRST_1 355998	22.60 0.95 0.00	21.19 0.85 0.00	19.98 0.84 0.00	19.53 0.81 0.00	19.99 0.81 0.00	21.19 0.66 0.00	24.56 0.90 0.00	25.90 1.35 0.00	27.64 1.56 0.00	28.67 1.72 0.00	31.05 1.76 0.00	30.78 1.71 0.00	31.39 1.78 0.00	31.20 1.74 0.00	31.08 1.76 0.00	31.75 1.77 0.00	34.78 2.09 -0.06	139.24 2.42 -100.11	109.94 2.15 -75.69	100.01 1.85 -70.09	27.79 1.50 0.00	25.58 1.24 0.00	24.18 1.13 0.00	22.54 0.95 0.00
BETHLEHEM___GRP 23843	21.80 0.15 0.00	20.54 0.20 0.00	19.37 0.23 0.00	18.97 0.24 0.00	19.40 0.21 0.00	20.74 0.21 0.00	23.80 0.14 0.00	24.82 0.27 0.00	26.16 0.08 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.68 0.06 0.00	29.46 0.00 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
BETHLEHEM___GS1 323560	21.56 -0.09 0.00	20.39 0.06 0.00	19.18 0.04 0.00	18.86 0.13 0.00	19.29 0.10 0.00	20.51 -0.02 0.00	23.59 -0.07 0.00	24.58 0.02 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.65 0.03 0.00	29.46 0.00 0.00	29.35 0.03 0.00	30.04 0.06 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
BETHLEHEM___GS2 323561	21.56 -0.09 0.00	20.39 0.06 0.00	19.18 0.04 0.00	18.86 0.13 0.00	19.29 0.10 0.00	20.51 -0.02 0.00	23.59 -0.07 0.00	24.58 0.02 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.65 0.03 0.00	29.46 0.00 0.00	29.35 0.03 0.00	30.04 0.06 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
BETHLEHEM___GS3 323562	21.56 -0.09 0.00	20.39 0.06 0.00	19.18 0.04 0.00	18.86 0.13 0.00	19.29 0.10 0.00	20.51 -0.02 0.00	23.59 -0.07 0.00	24.58 0.02 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.32 0.03 0.00	29.06 0.00 0.00	29.65 0.03 0.00	29.46 0.00 0.00	29.35 0.03 0.00	30.04 0.06 0.00	32.73 0.10 0.00	36.92 0.22 0.00	32.26 0.16 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.44 0.10 0.00	23.07 0.02 0.00	21.55 -0.04 0.00
BETHLEHEM___STEEL 23779	21.78 0.13 0.00	20.35 0.02 0.00	19.06 -0.08 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.49 -0.04 0.00	23.54 -0.12 0.00	24.23 -0.32 0.00	25.77 -0.31 0.00	26.55 -0.40 0.00	28.79 -0.50 0.00	28.77 -0.29 0.00	29.02 -0.59 0.00	29.05 -0.41 0.00	28.74 -0.59 0.00	29.35 -0.63 0.00	31.56 -1.08 0.00	35.13 -1.58 0.00	31.04 -1.06 0.00	27.54 -0.53 0.00	25.79 -0.50 0.00	23.88 -0.46 0.00	22.73 -0.32 0.00	21.70 0.11 0.00
BETHLHEM_115KV_TB1 79974	21.84 0.19 0.00	20.56 0.22 0.00	19.39 0.25 0.00	18.99 0.26 0.00	19.42 0.23 0.00	20.76 0.23 0.00	23.85 0.19 0.00	24.87 0.32 0.00	26.24 0.16 0.00	27.08 0.13 0.00	29.43 0.15 0.00	29.15 0.09 0.00	29.76 0.15 0.00	29.58 0.12 0.00	29.47 0.15 0.00	30.16 0.18 0.00	32.83 0.20 0.00	37.00 0.29 0.00	32.36 0.26 0.00	28.21 0.14 0.00	26.42 0.13 0.00	24.51 0.17 0.00	23.14 0.09 0.00	21.61 0.02 0.00
BETHPAGE_CC_5 323564	23.14 1.23 -0.26	21.43 1.10 0.00	20.13 0.99 0.00	19.74 1.01 0.00	20.22 1.04 0.00	21.52 0.99 0.00	24.96 1.30 0.00	27.60 1.72 -1.33	28.13 1.93 -0.12	31.38 2.05 -2.38	32.94 2.17 -1.49	31.85 2.12 -0.67	34.95 2.13 -3.20	33.19 2.09 -1.64	32.61 2.11 -1.18	33.76 2.19 -1.59	35.15 2.51 0.00	45.08 2.90 -5.48	34.54 2.44 0.00	30.21 2.13 -0.01	29.70 1.92 -1.49	28.73 1.66 -2.73	25.38 1.45 -0.88	22.84 1.25 0.00
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	21.89 0.24 0.00	20.45 0.12 0.00	19.16 0.02 0.00	18.78 0.06 0.00	19.28 0.10 0.00	20.59 0.06 0.00	23.66 0.00 0.00	24.36 -0.20 0.00	25.90 -0.18 0.00	26.71 -0.24 0.00	28.97 -0.32 0.00	28.95 -0.12 0.00	29.20 -0.41 0.00	29.22 -0.24 0.00	28.91 -0.41 0.00	29.53 -0.45 0.00	31.75 -0.88 0.00	35.35 -1.36 0.00	31.24 -0.87 0.00	27.68 -0.39 0.00	25.95 -0.34 0.00	24.00 -0.34 0.00	22.84 -0.21 0.00	21.81 0.22 0.00



BINGHAMTON___COGEN 23790	21.84 0.19 0.00	20.49 0.16 0.00	19.27 0.13 0.00	18.86 0.13 0.00	19.34 0.15 0.00	20.69 0.16 0.00	23.85 0.19 0.00	24.70 0.15 0.00	26.29 0.21 0.00	27.17 0.22 0.00	29.52 0.23 0.00	29.33 0.26 0.00	29.79 0.18 0.00	29.70 0.24 0.00	29.56 0.23 0.00	30.19 0.21 0.00	32.80 0.16 0.00	36.81 0.11 0.00	32.23 0.13 0.00	28.26 0.20 0.00	26.47 0.18 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.83 0.24 0.00
BIXINCNT_115KV_LOAD 355685	22.26 0.61 0.00	20.80 0.47 0.00	19.50 0.36 0.00	19.12 0.39 0.00	19.63 0.44 0.00	20.96 0.43 0.00	24.13 0.47 0.00	24.87 0.32 0.00	26.50 0.42 0.00	27.33 0.38 0.00	29.61 0.32 0.00	29.59 0.52 0.00	29.88 0.27 0.00	29.87 0.41 0.00	29.53 0.21 0.00	30.16 0.18 0.00	32.44 -0.20 0.00	36.15 -0.55 0.00	31.91 -0.19 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.19 0.14 0.00	22.09 0.50 0.00
BLACK RIVER___HYD 24047	21.09 -0.56 0.00	19.78 -0.55 0.00	18.66 -0.48 0.00	18.26 -0.47 0.00	18.73 -0.46 0.00	20.12 -0.41 0.00	23.28 -0.38 0.00	24.13 -0.42 0.00	25.61 -0.47 0.00	26.49 -0.46 0.00	28.91 -0.38 0.00	28.63 -0.44 0.00	29.14 -0.47 0.00	29.08 -0.38 0.00	28.91 -0.41 0.00	29.59 -0.39 0.00	32.44 -0.19 0.00	36.56 -0.15 0.00	31.88 -0.22 0.00	27.84 -0.23 0.00	26.05 -0.24 0.00	24.00 -0.34 0.00	22.66 -0.39 0.00	21.22 -0.37 0.00
BLACKRVR_115KV_TB2 79977	21.09 -0.56 0.00	19.78 -0.55 0.00	18.64 -0.50 0.00	18.26 -0.47 0.00	18.73 -0.46 0.00	20.10 -0.43 0.00	23.25 -0.40 0.00	24.11 -0.44 0.00	25.61 -0.47 0.00	26.49 -0.46 0.00	28.91 -0.38 0.00	28.63 -0.44 0.00	29.14 -0.47 0.00	29.05 -0.41 0.00	28.89 -0.44 0.00	29.59 -0.39 0.00	32.44 -0.20 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.84 -0.22 0.00	26.05 -0.24 0.00	24.00 -0.34 0.00	22.66 -0.39 0.00	21.22 -0.37 0.00
BLISS_WT_PWR 323608	22.47 0.82 0.00	20.82 0.49 0.00	19.81 0.67 0.00	19.14 0.41 0.00	19.63 0.44 0.00	21.33 0.80 0.00	24.30 0.64 0.00	24.92 0.37 0.00	26.50 0.42 0.00	27.33 0.38 0.00	29.61 0.32 0.00	29.56 0.49 0.00	29.91 0.30 0.00	29.93 0.47 0.00	29.56 0.23 0.00	30.19 0.21 0.00	32.44 -0.19 0.00	36.15 -0.55 0.00	31.91 -0.19 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.42 0.07 0.00	23.17 0.12 0.00	22.07 0.47 0.00
BLUESTONE___WT_PWR 323821	22.95 1.30 0.00	21.45 1.12 0.00	20.19 1.05 0.00	19.72 0.99 0.00	20.21 1.02 0.00	21.74 1.21 0.00	25.17 1.52 0.00	26.12 1.57 0.00	27.85 1.77 0.00	28.81 1.86 0.00	31.43 2.14 0.00	31.22 2.15 0.00	31.81 2.19 0.00	31.70 2.24 0.00	31.53 2.20 0.00	32.17 2.19 0.00	35.08 2.45 0.00	39.35 2.64 0.00	34.38 2.28 0.00	30.06 1.99 0.00	28.10 1.81 0.00	25.85 1.51 0.00	24.39 1.34 0.00	22.95 1.36 0.00
BLUE_CIRC_CHEM_DRP 24182	22.10 0.45 0.00	20.78 0.45 0.00	19.58 0.44 0.00	19.16 0.43 0.00	19.61 0.42 0.00	20.98 0.45 0.00	24.11 0.45 0.00	25.09 0.54 0.00	26.57 0.50 0.00	27.44 0.49 0.00	29.82 0.53 0.00	29.56 0.49 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.25 0.62 0.00	37.44 0.73 0.00	32.78 0.67 0.00	28.57 0.51 0.00	26.79 0.50 0.00	24.85 0.51 0.00	23.44 0.39 0.00	21.94 0.35 0.00
BOC_GAS_DRP 24189	21.91 0.26 0.00	20.60 0.26 0.00	19.41 0.27 0.00	18.99 0.26 0.00	19.44 0.25 0.00	20.78 0.25 0.00	23.92 0.26 0.00	24.94 0.39 0.00	26.44 0.37 0.00	27.30 0.35 0.00	29.64 0.35 0.00	29.38 0.32 0.00	29.97 0.36 0.00	29.78 0.32 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.06 0.42 0.00	37.25 0.55 0.00	32.58 0.48 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.68 0.34 0.00	23.28 0.23 0.00	21.76 0.17 0.00
BOONVILLE_115KV_TB1 79983	21.76 0.11 0.00	20.43 0.10 0.00	19.29 0.15 0.00	18.88 0.15 0.00	19.36 0.17 0.00	20.76 0.23 0.00	23.99 0.33 0.00	24.90 0.34 0.00	26.47 0.39 0.00	27.35 0.40 0.00	29.79 0.50 0.00	29.56 0.49 0.00	30.09 0.47 0.00	29.96 0.50 0.00	29.82 0.50 0.00	30.52 0.54 0.00	33.32 0.69 0.00	37.47 0.77 0.00	32.71 0.61 0.00	28.57 0.51 0.00	26.74 0.45 0.00	24.68 0.34 0.00	23.33 0.28 0.00	21.85 0.26 0.00
BORALEX_4TH_BRANCH 23824	22.23 0.58 0.00	20.92 0.59 0.00	19.67 0.54 0.00	19.23 0.51 0.00	19.75 0.56 0.00	21.17 0.64 0.00	24.37 0.71 0.00	25.41 0.86 0.00	26.99 0.91 0.00	27.84 0.89 0.00	30.20 0.91 0.00	29.88 0.81 0.00	30.50 0.89 0.00	30.26 0.80 0.00	30.20 0.88 0.00	30.88 0.90 0.00	33.68 1.04 0.00	38.17 1.47 0.00	33.23 1.12 0.00	28.97 0.90 0.00	27.21 0.92 0.00	25.24 0.90 0.00	23.67 0.62 0.00	22.13 0.54 0.00
BOWLINE___1 23526	22.15 0.50 0.00	20.84 0.51 0.00	19.58 0.44 0.00	19.21 0.49 0.00	19.65 0.46 0.00	20.90 0.37 0.00	24.37 0.71 0.00	25.58 1.03 0.00	27.28 1.20 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.86 1.24 0.00	30.67 1.21 0.00	30.56 1.23 0.00	31.27 1.29 0.00	34.17 1.53 0.00	38.47 1.76 0.00	33.64 1.54 0.00	29.36 1.29 0.00	27.45 1.16 0.00	25.32 0.97 0.00	23.86 0.81 0.00	22.24 0.65 0.00
BOWLINE___2 23595	22.15 0.50 0.00	20.84 0.51 0.00	19.58 0.44 0.00	19.21 0.49 0.00	19.65 0.46 0.00	20.90 0.37 0.00	24.37 0.71 0.00	25.58 1.03 0.00	27.28 1.20 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.86 1.24 0.00	30.67 1.21 0.00	30.56 1.23 0.00	31.27 1.29 0.00	34.17 1.53 0.00	38.47 1.76 0.00	33.64 1.54 0.00	29.39 1.32 0.00	27.45 1.16 0.00	25.32 0.97 0.00	23.86 0.81 0.00	22.26 0.67 0.00
BRADY___115KV_TB2 356060	21.87 0.22 0.00	20.56 0.22 0.00	19.35 0.21 0.00	18.90 0.17 0.00	19.38 0.19 0.00	20.76 0.23 0.00	23.96 0.31 0.00	24.94 0.39 0.00	26.52 0.44 0.00	27.41 0.46 0.00	29.84 0.56 0.00	29.65 0.58 0.00	30.33 0.71 0.00	30.17 0.71 0.00	29.94 0.62 0.00	30.61 0.63 0.00	33.25 0.62 0.00	37.44 0.73 0.00	32.71 0.61 0.00	28.57 0.51 0.00	26.76 0.47 0.00	24.73 0.39 0.00	23.35 0.30 0.00	21.83 0.24 0.00
BRANSCOMB___SOLAR 323811	22.39 0.74 0.00	21.06 0.73 0.00	19.77 0.63 0.00	19.38 0.66 0.00	19.90 0.71 0.00	21.27 0.74 0.00	24.53 0.88 0.00	25.56 1.01 0.00	27.20 1.12 0.00	28.11 1.16 0.00	30.55 1.26 0.00	30.26 1.19 0.00	30.83 1.21 0.00	30.64 1.18 0.00	30.59 1.26 0.00	31.33 1.35 0.00	34.10 1.47 0.00	38.43 1.73 0.00	33.71 1.60 0.00	29.33 1.26 0.00	27.47 1.18 0.00	25.41 1.07 0.00	23.90 0.85 0.00	22.39 0.80 0.00
BRENTWOD_69_KV_W. BRTWOOD 56703	23.34 1.43 -0.26	21.51 1.18 0.00	20.36 1.22 0.00	19.85 1.12 0.00	20.40 1.21 0.00	21.76 1.23 0.00	25.17 1.51 0.00	27.92 2.04 -1.33	28.47 2.27 -0.12	31.70 2.37 -2.38	33.06 2.26 -1.52	32.06 2.33 -0.67	35.18 2.37 -3.20	33.35 2.24 -1.65	32.88 2.26 -1.29	34.03 2.34 -1.71	35.54 2.90 0.00	45.60 3.41 -5.48	34.93 2.83 0.00	30.54 2.47 0.00	29.99 2.21 -1.49	29.03 1.95 -2.74	25.58 1.66 -0.88	23.02 1.42 0.00



BRISTLHL_115KV_TB1 79998	21.22 -0.43 0.00	19.91 -0.43 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.77 -0.42 0.00	20.10 -0.43 0.00	23.11 -0.54 0.00	23.84 -0.71 0.00	25.30 -0.78 0.00	26.20 -0.75 0.00	28.50 -0.79 0.00	28.28 -0.78 0.00	28.76 -0.86 0.00	28.66 -0.80 0.00	28.53 -0.79 0.00	29.14 -0.84 0.00	31.72 -0.91 0.00	35.60 -1.10 0.00	31.14 -0.96 0.00	27.28 -0.79 0.00	25.58 -0.71 0.00	23.69 -0.66 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00
BROOKHAVEN___DRP 24191	23.34 1.43 -0.26	21.51 1.18 0.00	20.40 1.26 0.00	19.87 1.14 0.00	20.40 1.21 0.00	21.72 1.19 0.00	25.12 1.47 0.00	27.80 1.92 -1.33	28.34 2.14 -0.12	31.51 2.18 -2.38	33.69 2.52 -1.89	32.24 2.47 -0.71	35.40 2.55 -3.24	33.81 2.50 -1.85	34.44 2.49 -2.62	35.60 2.58 -3.04	35.45 2.77 -0.04	45.34 3.16 -5.48	34.48 2.38 0.00	30.29 2.22 0.00	29.86 2.08 -1.49	29.08 1.97 -2.76	25.51 1.59 -0.88	23.02 1.42 0.00
BROOKLYN_NAVY_YARD 23515	22.28 0.63 0.00	20.94 0.61 0.00	19.67 0.54 0.00	19.33 0.60 0.00	19.75 0.56 0.00	21.00 0.47 0.00	24.44 0.78 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.48 1.50 0.00	34.39 1.76 0.00	38.68 1.98 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.60 1.31 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.30 0.71 0.00
BROOKLYN___ARMY_DRP 323595	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
BROOKVLE_69_KV_TB1 55790	23.10 1.19 -0.26	21.35 1.02 0.00	20.15 1.01 0.00	19.66 0.94 0.00	20.17 0.98 0.00	21.54 1.01 0.00	24.91 1.25 0.00	27.63 1.74 -1.33	28.15 1.96 -0.12	31.43 2.10 -2.38	32.99 2.23 -1.48	31.91 2.18 -0.67	35.06 2.25 -3.19	33.27 2.18 -1.63	32.67 2.20 -1.14	33.78 2.25 -1.55	35.15 2.51 0.00	45.01 2.83 -5.48	34.61 2.50 0.00	30.23 2.16 0.00	29.70 1.92 -1.49	28.73 1.66 -2.73	25.35 1.43 -0.88	22.80 1.21 0.00
BROOME_2_LFGE 323671	21.91 0.26 0.00	20.49 0.16 0.00	19.35 0.21 0.00	18.88 0.15 0.00	19.34 0.15 0.00	20.80 0.27 0.00	23.89 0.24 0.00	24.72 0.17 0.00	26.29 0.21 0.00	27.16 0.21 0.00	29.52 0.23 0.00	29.33 0.26 0.00	29.82 0.21 0.00	29.72 0.26 0.00	29.56 0.23 0.00	30.19 0.21 0.00	32.80 0.16 0.00	36.81 0.11 0.00	32.23 0.13 0.00	28.27 0.20 0.00	26.48 0.19 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.83 0.24 0.00
BROOME___LFGE 323600	21.91 0.26 0.00	20.49 0.16 0.00	19.35 0.21 0.00	18.88 0.15 0.00	19.34 0.15 0.00	20.80 0.27 0.00	23.89 0.24 0.00	24.72 0.17 0.00	26.29 0.21 0.00	27.16 0.21 0.00	29.52 0.23 0.00	29.33 0.26 0.00	29.82 0.21 0.00	29.72 0.26 0.00	29.56 0.23 0.00	30.19 0.21 0.00	32.80 0.16 0.00	36.81 0.11 0.00	32.23 0.13 0.00	28.27 0.20 0.00	26.48 0.19 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.83 0.24 0.00
BROWNFLS_115KV_TB_3_5 80003	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.09 -0.47 0.00	25.61 -0.47 0.00	26.46 -0.49 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.69 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.57 -0.48 0.00	21.12 -0.47 0.00
BROWNSV1_27_KV_LOAD 356125	22.52 0.87 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.46 0.73 0.00	19.92 0.73 0.00	21.23 0.70 0.00	24.65 0.99 0.00	26.00 1.45 0.00	27.75 1.67 0.00	28.76 1.81 0.00	31.10 1.82 0.00	30.84 1.77 0.00	31.45 1.84 0.00	31.26 1.80 0.00	31.14 1.82 0.00	31.81 1.83 0.00	34.75 2.12 0.00	39.05 2.35 0.00	34.22 2.12 0.00	29.89 1.82 0.00	27.87 1.58 0.00	25.66 1.31 0.00	24.20 1.15 0.00	22.54 0.95 0.00
BURROWS___LYONSDAL 23803	21.61 -0.04 0.00	20.29 -0.04 0.00	19.18 0.04 0.00	18.78 0.06 0.00	19.25 0.06 0.00	20.65 0.12 0.00	23.87 0.21 0.00	24.77 0.22 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.64 0.35 0.00	29.38 0.32 0.00	29.94 0.33 0.00	29.81 0.35 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.16 0.52 0.00	37.29 0.59 0.00	32.58 0.48 0.00	28.46 0.39 0.00	26.63 0.34 0.00	24.56 0.22 0.00	23.21 0.16 0.00	21.74 0.15 0.00
CAITHNESS_CC_1 323624	23.27 1.36 -0.26	21.51 1.18 0.00	20.27 1.13 0.00	19.87 1.14 0.00	20.38 1.19 0.00	21.60 1.07 0.00	25.08 1.42 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.60 2.43 -1.89	32.13 2.35 -0.71	35.25 2.40 -3.24	33.66 2.36 -1.85	34.33 2.37 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.44 2.34 0.00	30.24 2.16 -0.01	29.80 2.02 -1.49	29.01 1.90 -2.76	25.45 1.52 -0.88	22.95 1.36 0.00
CALPINE BETH_PAGE_GT4 24209	23.12 1.21 -0.26	21.37 1.04 0.00	20.19 1.05 0.00	19.68 0.96 0.00	20.21 1.02 0.00	21.56 1.03 0.00	24.93 1.28 0.00	27.58 1.69 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.85 2.08 -1.48	31.77 2.03 -0.67	34.91 2.10 -3.19	33.16 2.06 -1.63	32.52 2.05 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.94 2.75 -5.48	34.45 2.34 0.00	30.12 2.05 0.00	29.62 1.84 -1.49	28.66 1.58 -2.73	25.33 1.41 -0.88	22.84 1.25 0.00
CALPINE_BETH_PAGE_GT_4 323586	23.14 1.23 -0.26	21.41 1.08 0.00	20.13 0.99 0.00	19.74 1.01 0.00	20.22 1.04 0.00	21.50 0.97 0.00	24.96 1.30 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.85 2.08 -1.48	31.76 2.03 -0.67	34.85 2.04 -3.19	33.10 2.00 -1.63	32.49 2.02 -1.14	33.63 2.10 -1.55	35.01 2.38 0.00	44.94 2.75 -5.48	34.44 2.34 0.00	30.13 2.05 -0.01	29.62 1.84 -1.49	28.66 1.58 -2.73	25.33 1.41 -0.88	22.84 1.25 0.00
CALPINE_BP_GT1 23823	23.14 1.23 -0.26	21.41 1.08 0.00	20.13 0.99 0.00	19.74 1.01 0.00	20.22 1.04 0.00	21.50 0.97 0.00	24.96 1.30 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.85 2.08 -1.48	31.76 2.03 -0.67	34.85 2.04 -3.19	33.10 2.00 -1.63	32.49 2.02 -1.14	33.63 2.10 -1.55	35.01 2.38 0.00	44.94 2.75 -5.48	34.44 2.34 0.00	30.13 2.05 -0.01	29.62 1.84 -1.49	28.66 1.58 -2.73	25.33 1.41 -0.88	22.84 1.25 0.00
CALSPAN___DRP 24200	21.78 0.13 0.00	20.35 0.02 0.00	19.06 -0.08 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.49 -0.04 0.00	23.54 -0.12 0.00	24.23 -0.32 0.00	25.77 -0.31 0.00	26.55 -0.40 0.00	28.79 -0.50 0.00	28.77 -0.29 0.00	29.02 -0.59 0.00	29.05 -0.41 0.00	28.74 -0.59 0.00	29.35 -0.63 0.00	31.56 -1.08 0.00	35.13 -1.58 0.00	31.04 -1.06 0.00	27.54 -0.53 0.00	25.79 -0.50 0.00	23.88 -0.46 0.00	22.73 -0.32 0.00	21.70 0.11 0.00



CALVERTON___SOLAR 323806	23.42 1.51 -0.26	21.65 1.32 0.00	20.40 1.26 0.00	19.98 1.25 0.00	20.49 1.31 0.00	21.74 1.21 0.00	25.24 1.59 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.59 2.26 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.46 2.61 -3.24	33.87 2.56 -1.85	34.53 2.58 -2.62	35.69 2.67 -3.04	35.58 2.90 -0.04	45.52 3.34 -5.48	34.57 2.47 0.00	30.38 2.30 -0.01	29.94 2.16 -1.49	29.17 2.07 -2.76	25.58 1.66 -0.88	23.10 1.51 0.00
CANDIGU_WT_PWR 323617	22.06 0.41 0.00	20.54 0.20 0.00	19.50 0.36 0.00	18.89 0.17 0.00	19.38 0.19 0.00	21.00 0.47 0.00	23.99 0.33 0.00	24.65 0.10 0.00	26.21 0.13 0.00	27.06 0.11 0.00	29.41 0.12 0.00	29.27 0.20 0.00	29.68 0.06 0.00	29.64 0.18 0.00	29.41 0.09 0.00	30.04 0.06 0.00	32.50 -0.13 0.00	36.30 -0.40 0.00	31.94 -0.16 0.00	28.15 0.08 0.00	26.37 0.08 0.00	24.37 0.02 0.00	23.12 0.07 0.00	21.92 0.32 0.00
CARR STREET_E_SYR 24060	21.45 -0.20 0.00	20.11 -0.22 0.00	18.95 -0.19 0.00	18.50 -0.22 0.00	18.96 -0.23 0.00	20.37 -0.16 0.00	23.40 -0.26 0.00	24.18 -0.37 0.00	25.64 -0.44 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.66 -0.41 0.00	29.17 -0.44 0.00	29.05 -0.41 0.00	28.91 -0.41 0.00	29.44 -0.54 0.00	31.88 -0.75 0.00	35.79 -0.92 0.00	31.30 -0.80 0.00	27.53 -0.53 0.00	25.87 -0.42 0.00	23.95 -0.39 0.00	22.77 -0.28 0.00	21.37 -0.22 0.00
CARTHAGE___PAPER 23857	21.07 -0.58 0.00	19.78 -0.55 0.00	18.70 -0.44 0.00	18.30 -0.43 0.00	18.77 -0.42 0.00	20.16 -0.37 0.00	23.33 -0.33 0.00	24.21 -0.34 0.00	25.71 -0.37 0.00	26.57 -0.38 0.00	28.94 -0.35 0.00	28.66 -0.41 0.00	29.20 -0.41 0.00	29.11 -0.35 0.00	28.94 -0.38 0.00	29.62 -0.36 0.00	32.47 -0.16 0.00	36.59 -0.11 0.00	31.94 -0.16 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.03 -0.32 0.00	22.68 -0.37 0.00	21.22 -0.37 0.00
CASSADAGA_WT_PWR 323784	22.73 1.08 0.00	21.04 0.71 0.00	20.02 0.88 0.00	19.33 0.60 0.00	19.84 0.65 0.00	21.62 1.09 0.00	24.63 0.97 0.00	25.29 0.74 0.00	26.89 0.81 0.00	27.76 0.81 0.00	30.14 0.85 0.00	30.11 1.04 0.00	30.42 0.80 0.00	30.40 0.94 0.00	30.03 0.70 0.00	30.64 0.66 0.00	32.89 0.26 0.00	36.70 0.00 0.00	32.39 0.29 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.78 0.44 0.00	23.56 0.51 0.00	22.43 0.84 0.00
CE_DUNWOOD___DRP 24194	22.26 0.61 0.00	20.90 0.57 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.30 1.35 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.88 0.83 0.00	22.28 0.69 0.00
CE_MILLWOOD___DRP 24193	22.23 0.58 0.00	20.88 0.55 0.00	19.67 0.54 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.02 0.49 0.00	24.34 0.69 0.00	25.58 1.03 0.00	27.28 1.20 0.00	28.22 1.27 0.00	30.58 1.29 0.00	30.29 1.22 0.00	30.89 1.27 0.00	30.70 1.24 0.00	30.59 1.26 0.00	31.27 1.29 0.00	34.13 1.50 0.00	38.43 1.73 0.00	33.61 1.51 0.00	29.33 1.26 0.00	27.42 1.13 0.00	25.29 0.95 0.00	23.83 0.78 0.00	22.22 0.63 0.00
CE_NYC2_DRP 24202	22.45 0.80 0.00	21.04 0.71 0.00	19.86 0.73 0.00	19.42 0.69 0.00	19.88 0.69 0.00	21.08 0.55 0.00	24.41 0.76 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.51 1.53 0.00	34.43 1.79 0.00	38.76 2.06 0.00	33.93 1.83 0.00	29.64 1.57 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.39 0.80 0.00
CE_NYC_DRP 24195	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.76 0.58 0.00	21.06 0.53 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.60 1.31 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.32 0.73 0.00
CHAFFEE___LFGE 323603	22.08 0.43 0.00	20.43 0.10 0.00	19.46 0.33 0.00	18.76 0.04 0.00	19.25 0.06 0.00	20.96 0.43 0.00	23.80 0.14 0.00	24.38 -0.17 0.00	25.87 -0.21 0.00	26.68 -0.27 0.00	28.94 -0.35 0.00	28.92 -0.14 0.00	29.23 -0.39 0.00	29.22 -0.24 0.00	28.91 -0.41 0.00	29.53 -0.45 0.00	31.75 -0.88 0.00	35.38 -1.32 0.00	31.24 -0.87 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	24.00 -0.34 0.00	22.84 -0.21 0.00	21.78 0.19 0.00
CHATEAUG_35_KV_LOAD 355732	22.13 0.48 0.00	20.80 0.47 0.00	19.58 0.44 0.00	19.10 0.37 0.00	19.59 0.40 0.00	21.00 0.47 0.00	24.20 0.54 0.00	25.14 0.59 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.45 0.83 0.00	30.26 0.80 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.45 0.82 0.00	37.66 0.95 0.00	32.94 0.83 0.00	28.80 0.73 0.00	26.97 0.68 0.00	24.95 0.61 0.00	23.58 0.53 0.00	22.07 0.47 0.00
CHATEAUG_WT_PWR 323614	22.10 0.46 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.10 0.37 0.00	19.59 0.40 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.12 0.57 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.44 0.83 0.00	30.28 0.82 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.42 0.78 0.00	37.62 0.92 0.00	32.87 0.77 0.00	28.77 0.70 0.00	26.92 0.63 0.00	24.93 0.58 0.00	23.56 0.51 0.00	22.04 0.45 0.00
CHAT_HIGH_FALL_HYD 323578	22.13 0.48 0.00	20.80 0.47 0.00	19.58 0.44 0.00	19.10 0.37 0.00	19.59 0.40 0.00	21.00 0.47 0.00	24.20 0.54 0.00	25.14 0.59 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.45 0.83 0.00	30.26 0.80 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.45 0.82 0.00	37.66 0.95 0.00	32.94 0.83 0.00	28.80 0.73 0.00	26.97 0.68 0.00	24.95 0.61 0.00	23.58 0.53 0.00	22.07 0.47 0.00
CHAUTAUQUA___LFGE 323629	22.41 0.76 0.00	20.74 0.41 0.00	19.75 0.61 0.00	19.04 0.32 0.00	19.55 0.36 0.00	21.29 0.76 0.00	24.22 0.57 0.00	24.85 0.30 0.00	26.39 0.31 0.00	27.22 0.27 0.00	29.52 0.23 0.00	29.47 0.41 0.00	29.79 0.18 0.00	29.79 0.32 0.00	29.44 0.12 0.00	30.07 0.09 0.00	32.31 -0.33 0.00	36.00 -0.70 0.00	31.81 -0.29 0.00	28.15 0.08 0.00	26.37 0.08 0.00	24.39 0.05 0.00	23.19 0.14 0.00	22.13 0.54 0.00
CHERRYST_13_KV_LD 356241	22.36 0.71 0.00	20.98 0.65 0.00	19.81 0.67 0.00	19.36 0.64 0.00	19.82 0.63 0.00	21.13 0.60 0.00	24.51 0.85 0.00	25.83 1.28 0.00	27.57 1.49 0.00	28.57 1.62 0.00	30.93 1.64 0.00	30.66 1.60 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.94 1.61 0.00	31.63 1.65 0.00	34.53 1.89 0.00	38.80 2.09 0.00	33.96 1.86 0.00	29.67 1.60 0.00	27.66 1.37 0.00	25.49 1.14 0.00	24.02 0.97 0.00	22.39 0.80 0.00



CHESTROR_138KV_BK263 355645	22.10 0.45 0.00	20.76 0.43 0.00	19.56 0.42 0.00	19.12 0.39 0.00	19.59 0.40 0.00	20.90 0.37 0.00	24.11 0.45 0.00	25.24 0.69 0.00	26.89 0.81 0.00	27.79 0.84 0.00	30.11 0.82 0.00	29.85 0.78 0.00	30.45 0.83 0.00	30.23 0.77 0.00	30.15 0.82 0.00	30.82 0.84 0.00	33.64 1.01 0.00	37.88 1.17 0.00	33.13 1.03 0.00	28.94 0.87 0.00	27.05 0.76 0.00	25.00 0.66 0.00	23.56 0.51 0.00	22.00 0.41 0.00
CH_MIDHUDSON___DRP 24192	22.28 0.63 0.00	20.92 0.59 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.32 0.66 0.00	25.46 0.91 0.00	27.15 1.07 0.00	28.05 1.10 0.00	30.40 1.11 0.00	30.14 1.08 0.00	30.74 1.13 0.00	30.55 1.09 0.00	30.44 1.11 0.00	31.15 1.17 0.00	34.00 1.37 0.00	38.32 1.61 0.00	33.48 1.38 0.00	29.22 1.15 0.00	27.32 1.03 0.00	25.24 0.90 0.00	23.74 0.69 0.00	22.20 0.60 0.00
CH_MISC_IPPS 23765	22.36 0.71 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.82 0.63 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.77 1.15 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.23 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00
CH_RES_BVR_FALLS 23983	21.56 -0.09 0.00	20.29 -0.04 0.00	19.10 -0.04 0.00	18.71 -0.02 0.00	19.17 -0.02 0.00	20.51 -0.02 0.00	23.66 0.00 0.00	24.58 0.02 0.00	26.11 0.03 0.00	26.98 0.03 0.00	29.32 0.03 0.00	29.12 0.06 0.00	29.71 0.09 0.00	29.55 0.09 0.00	29.38 0.06 0.00	30.04 0.06 0.00	32.70 0.07 0.00	36.78 0.07 0.00	32.17 0.06 0.00	28.12 0.06 0.00	26.32 0.03 0.00	24.37 0.02 0.00	23.07 0.02 0.00	21.59 0.00 0.00
CH_RES_NIAGARA 23895	21.22 -0.43 0.00	19.60 -0.73 0.00	18.73 -0.40 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	20.16 -0.37 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.83 -0.76 0.00
CH_RES_SYRACUSE 23985	21.56 -0.09 0.00	20.21 -0.12 0.00	19.04 -0.10 0.00	18.60 -0.13 0.00	19.06 -0.13 0.00	20.47 -0.06 0.00	23.52 -0.14 0.00	24.28 -0.27 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.32 -0.30 0.00	29.22 -0.24 0.00	29.09 -0.24 0.00	29.68 -0.30 0.00	32.28 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.08 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
CLINTON_WT_PWR 323605	22.10 0.46 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.10 0.37 0.00	19.59 0.40 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.12 0.57 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.44 0.83 0.00	30.28 0.82 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.42 0.78 0.00	37.62 0.92 0.00	32.87 0.77 0.00	28.77 0.70 0.00	26.92 0.63 0.00	24.93 0.58 0.00	23.56 0.51 0.00	22.04 0.45 0.00
CLINTON___LFGE 323618	22.47 0.82 0.00	21.12 0.79 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.92 0.73 0.00	21.35 0.82 0.00	24.63 0.97 0.00	25.58 1.03 0.00	27.15 1.07 0.00	28.03 1.08 0.00	30.52 1.23 0.00	30.34 1.28 0.00	31.01 1.39 0.00	30.85 1.38 0.00	30.61 1.29 0.00	31.30 1.32 0.00	34.04 1.40 0.00	38.36 1.65 0.00	33.51 1.41 0.00	29.30 1.23 0.00	27.45 1.16 0.00	25.36 1.02 0.00	23.97 0.92 0.00	22.41 0.82 0.00
COBBLENY_34_KV_TB1 80064	21.87 0.22 0.00	20.43 0.10 0.00	19.12 -0.02 0.00	18.76 0.04 0.00	19.25 0.06 0.00	20.57 0.04 0.00	23.63 -0.02 0.00	24.33 -0.22 0.00	25.87 -0.21 0.00	26.68 -0.27 0.00	28.94 -0.35 0.00	28.92 -0.15 0.00	29.20 -0.41 0.00	29.20 -0.27 0.00	28.89 -0.44 0.00	29.50 -0.48 0.00	31.75 -0.88 0.00	35.35 -1.36 0.00	31.24 -0.87 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	24.00 -0.34 0.00	22.84 -0.21 0.00	21.79 0.19 0.00
COFFEEN___115KV_TB3 355620	21.17 -0.48 0.00	19.86 -0.47 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.81 -0.38 0.00	20.18 -0.35 0.00	23.37 -0.28 0.00	24.21 -0.34 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.05 -0.23 0.00	28.74 -0.32 0.00	29.26 -0.36 0.00	29.20 -0.27 0.00	29.03 -0.29 0.00	29.74 -0.24 0.00	32.67 0.03 0.00	36.78 0.07 0.00	32.10 0.00 0.00	28.01 -0.06 0.00	26.21 -0.08 0.00	24.12 -0.22 0.00	22.77 -0.28 0.00	21.33 -0.26 0.00
COLDSPRG_115KV_BK1 355956	22.69 1.04 0.00	21.23 0.89 0.00	19.86 0.73 0.00	19.49 0.77 0.00	20.01 0.83 0.00	21.41 0.88 0.00	24.70 1.04 0.00	25.51 0.96 0.00	27.17 1.10 0.00	28.05 1.10 0.00	30.46 1.17 0.00	30.46 1.40 0.00	30.71 1.10 0.00	30.70 1.24 0.00	30.35 1.03 0.00	30.97 0.99 0.00	33.32 0.69 0.00	37.18 0.48 0.00	32.81 0.71 0.00	28.99 0.93 0.00	27.10 0.81 0.00	25.07 0.73 0.00	23.81 0.76 0.00	22.67 1.08 0.00
COLONIE_LFGE___ 323577	22.06 0.41 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.18 0.52 0.00	25.17 0.61 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.14 0.68 0.00	30.03 0.70 0.00	30.73 0.75 0.00	33.51 0.88 0.00	37.84 1.14 0.00	33.06 0.96 0.00	28.83 0.76 0.00	27.02 0.74 0.00	25.05 0.71 0.00	23.56 0.51 0.00	22.04 0.45 0.00
COOPERNY_115KV_TB1 80082	21.97 0.32 0.00	20.64 0.30 0.00	19.44 0.31 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.80 0.27 0.00	24.01 0.35 0.00	25.09 0.54 0.00	26.73 0.65 0.00	27.62 0.67 0.00	29.96 0.67 0.00	29.70 0.64 0.00	30.27 0.65 0.00	30.08 0.62 0.00	29.97 0.65 0.00	30.64 0.66 0.00	33.42 0.78 0.00	37.62 0.92 0.00	32.90 0.80 0.00	28.74 0.67 0.00	26.89 0.60 0.00	24.85 0.51 0.00	23.44 0.39 0.00	21.91 0.32 0.00
COPENHAGEN_WT_PWR 323753	21.09 -0.56 0.00	19.76 -0.57 0.00	18.66 -0.48 0.00	18.26 -0.47 0.00	18.71 -0.48 0.00	20.10 -0.43 0.00	23.25 -0.40 0.00	24.08 -0.47 0.00	25.58 -0.50 0.00	26.44 -0.51 0.00	28.85 -0.44 0.00	28.57 -0.49 0.00	29.08 -0.53 0.00	29.02 -0.44 0.00	28.85 -0.47 0.00	29.53 -0.45 0.00	32.34 -0.29 0.00	36.41 -0.29 0.00	31.78 -0.32 0.00	27.76 -0.31 0.00	26.00 -0.29 0.00	23.95 -0.39 0.00	22.63 -0.41 0.00	21.20 -0.39 0.00
CORNELL_____ 23752	22.10 0.45 0.00	20.72 0.39 0.00	19.48 0.34 0.00	19.08 0.36 0.00	19.55 0.36 0.00	20.96 0.43 0.00	24.13 0.47 0.00	24.99 0.44 0.00	26.57 0.50 0.00	27.46 0.51 0.00	29.87 0.59 0.00	29.67 0.61 0.00	30.21 0.59 0.00	30.05 0.59 0.00	29.91 0.59 0.00	30.61 0.63 0.00	33.38 0.75 0.00	37.44 0.73 0.00	32.78 0.67 0.00	28.71 0.65 0.00	26.89 0.60 0.00	24.83 0.49 0.00	23.51 0.46 0.00	22.09 0.50 0.00



CORONA_69_KV_TB1 355595	22.99 1.08 -0.26	21.27 0.94 0.00	20.08 0.94 0.00	19.59 0.86 0.00	20.09 0.90 0.00	21.43 0.90 0.00	24.82 1.16 0.00	27.50 1.62 -1.33	28.02 1.83 -0.12	31.27 1.94 -2.38	32.76 1.99 -1.48	31.68 1.95 -0.67	34.82 2.01 -3.19	33.07 1.97 -1.63	32.46 1.99 -1.14	33.57 2.04 -1.55	34.92 2.28 0.00	44.83 2.64 -5.48	34.41 2.31 0.00	30.06 1.99 0.00	29.57 1.79 -1.49	28.61 1.53 -2.73	25.26 1.34 -0.88	22.71 1.12 0.00
CORTLAND_115KV_TB3 80093	21.91 0.26 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.76 0.23 0.00	23.92 0.26 0.00	24.77 0.22 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.61 0.32 0.00	29.38 0.32 0.00	29.91 0.30 0.00	29.78 0.32 0.00	29.62 0.29 0.00	30.31 0.33 0.00	32.99 0.36 0.00	37.03 0.33 0.00	32.39 0.29 0.00	28.38 0.31 0.00	26.58 0.29 0.00	24.59 0.24 0.00	23.28 0.23 0.00	21.87 0.28 0.00
COXSACKIE___GT 23611	22.69 1.04 0.00	21.39 1.06 0.00	20.09 0.96 0.00	19.68 0.95 0.00	20.19 1.00 0.00	21.52 0.99 0.00	24.75 1.09 0.00	25.48 0.93 0.00	27.10 1.02 0.00	27.92 0.97 0.00	30.34 1.05 0.00	30.08 1.02 0.00	30.65 1.04 0.00	30.46 1.00 0.00	30.47 1.14 0.00	31.33 1.35 0.00	34.14 1.50 0.00	38.54 1.83 0.00	33.71 1.60 0.00	29.36 1.29 0.00	27.42 1.13 0.00	25.53 1.19 0.00	23.92 0.88 0.00	22.41 0.82 0.00
CPV_VALLEY___CC1 323721	21.97 0.33 0.00	20.66 0.32 0.00	19.41 0.27 0.00	19.03 0.30 0.00	19.48 0.29 0.00	20.76 0.23 0.00	23.99 0.33 0.00	25.09 0.54 0.00	26.76 0.68 0.00	27.65 0.70 0.00	29.96 0.67 0.00	29.68 0.61 0.00	30.24 0.62 0.00	30.05 0.59 0.00	29.94 0.62 0.00	30.64 0.66 0.00	33.45 0.82 0.00	37.66 0.95 0.00	32.94 0.83 0.00	28.77 0.70 0.00	26.92 0.63 0.00	24.88 0.53 0.00	23.44 0.39 0.00	21.89 0.30 0.00
CPV_VALLEY___CC2 323722	21.97 0.33 0.00	20.66 0.32 0.00	19.41 0.27 0.00	19.03 0.30 0.00	19.48 0.29 0.00	20.76 0.23 0.00	23.99 0.33 0.00	25.09 0.54 0.00	26.76 0.68 0.00	27.65 0.70 0.00	29.96 0.67 0.00	29.68 0.61 0.00	30.24 0.62 0.00	30.05 0.59 0.00	29.94 0.62 0.00	30.64 0.66 0.00	33.45 0.82 0.00	37.66 0.95 0.00	32.94 0.83 0.00	28.77 0.70 0.00	26.92 0.63 0.00	24.88 0.53 0.00	23.44 0.39 0.00	21.89 0.30 0.00
CRESCENT___HYD 24018	22.06 0.41 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.18 0.52 0.00	25.17 0.61 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.14 0.68 0.00	30.03 0.70 0.00	30.73 0.75 0.00	33.51 0.88 0.00	37.84 1.14 0.00	33.06 0.96 0.00	28.83 0.76 0.00	27.02 0.74 0.00	25.05 0.71 0.00	23.56 0.51 0.00	22.04 0.45 0.00
CRICKET___VALLEY_CC1 323756	22.08 0.43 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.63 0.44 0.00	20.86 0.33 0.00	24.13 0.47 0.00	25.21 0.66 0.00	26.86 0.78 0.00	27.76 0.81 0.00	30.08 0.79 0.00	29.79 0.73 0.00	30.38 0.77 0.00	30.17 0.71 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.61 0.98 0.00	37.95 1.25 0.00	33.10 1.00 0.00	28.88 0.81 0.00	27.05 0.76 0.00	25.00 0.66 0.00	23.53 0.48 0.00	22.02 0.43 0.00
CRICKET___VALLEY_CC2 323757	22.08 0.43 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.63 0.44 0.00	20.86 0.33 0.00	24.13 0.47 0.00	25.21 0.66 0.00	26.86 0.78 0.00	27.76 0.81 0.00	30.08 0.79 0.00	29.79 0.73 0.00	30.38 0.77 0.00	30.17 0.71 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.61 0.98 0.00	37.95 1.25 0.00	33.10 1.00 0.00	28.88 0.81 0.00	27.05 0.76 0.00	25.00 0.66 0.00	23.53 0.48 0.00	22.02 0.43 0.00
CRICKET___VALLEY_CC3 323758	22.08 0.43 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.63 0.44 0.00	20.86 0.33 0.00	24.13 0.47 0.00	25.21 0.66 0.00	26.86 0.78 0.00	27.76 0.81 0.00	30.08 0.79 0.00	29.79 0.73 0.00	30.38 0.77 0.00	30.17 0.71 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.61 0.98 0.00	37.95 1.25 0.00	33.10 1.00 0.00	28.88 0.81 0.00	27.05 0.76 0.00	25.00 0.66 0.00	23.53 0.48 0.00	22.02 0.43 0.00
CRUCIBLE_METL_DRP 24180	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
DAHOWA___HYDRO 323763	22.45 0.80 0.00	21.12 0.79 0.00	19.83 0.69 0.00	19.44 0.71 0.00	19.96 0.77 0.00	21.33 0.80 0.00	24.63 0.97 0.00	25.66 1.11 0.00	27.31 1.23 0.00	28.22 1.27 0.00	30.69 1.41 0.00	30.40 1.34 0.00	30.95 1.33 0.00	30.79 1.33 0.00	30.73 1.41 0.00	31.48 1.50 0.00	34.26 1.63 0.00	38.61 1.91 0.00	33.87 1.76 0.00	29.47 1.40 0.00	27.58 1.29 0.00	25.53 1.19 0.00	23.99 0.95 0.00	22.46 0.86 0.00
DANC___LFGE 323619	21.07 -0.58 0.00	19.76 -0.57 0.00	18.64 -0.50 0.00	18.22 -0.50 0.00	18.67 -0.52 0.00	20.06 -0.47 0.00	23.14 -0.52 0.00	23.94 -0.61 0.00	25.40 -0.68 0.00	26.28 -0.67 0.00	28.62 -0.67 0.00	28.37 -0.70 0.00	28.91 -0.71 0.00	28.81 -0.65 0.00	28.65 -0.67 0.00	29.32 -0.66 0.00	32.01 -0.62 0.00	36.00 -0.70 0.00	31.46 -0.64 0.00	27.51 -0.56 0.00	25.76 -0.53 0.00	23.78 -0.56 0.00	22.52 -0.53 0.00	21.12 -0.48 0.00
DANSKAMMER___1 23586	22.36 0.71 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.82 0.63 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.77 1.15 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.23 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00
DANSKAMMER___2 23589	22.36 0.71 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.82 0.63 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.77 1.15 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.23 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00
DANSKAMMER___3 23590	22.36 0.71 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.82 0.63 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.77 1.15 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.23 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00



DANSKAMMER___4 23591	22.36 0.71 0.00	21.02 0.69 0.00	19.75 0.61 0.00	19.34 0.62 0.00	19.82 0.63 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.77 1.15 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.23 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00
DANSKAMMER___DIESEL 23592	22.36 0.71 0.00	21.00 0.67 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.80 0.61 0.00	21.13 0.60 0.00	24.39 0.73 0.00	25.53 0.98 0.00	27.20 1.12 0.00	28.14 1.19 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.83 1.21 0.00	30.61 1.15 0.00	30.53 1.20 0.00	31.27 1.29 0.00	34.10 1.47 0.00	38.47 1.76 0.00	33.58 1.48 0.00	29.30 1.24 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.81 0.76 0.00	22.26 0.67 0.00
DARBY___SOLAR 323810	22.41 0.76 0.00	21.08 0.75 0.00	19.79 0.65 0.00	19.40 0.67 0.00	19.92 0.73 0.00	21.29 0.76 0.00	24.56 0.90 0.00	25.58 1.03 0.00	27.23 1.15 0.00	28.13 1.18 0.00	30.61 1.32 0.00	30.31 1.25 0.00	30.89 1.27 0.00	30.70 1.24 0.00	30.65 1.32 0.00	31.36 1.38 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.74 1.64 0.00	29.36 1.29 0.00	27.50 1.21 0.00	25.46 1.12 0.00	23.92 0.88 0.00	22.41 0.82 0.00
DASHVILLE___HYD 23610	22.13 0.48 0.00	20.78 0.45 0.00	19.58 0.44 0.00	19.12 0.39 0.00	19.59 0.40 0.00	20.90 0.37 0.00	24.15 0.50 0.00	25.26 0.71 0.00	26.94 0.86 0.00	27.87 0.92 0.00	30.20 0.91 0.00	29.94 0.87 0.00	30.50 0.89 0.00	30.31 0.85 0.00	30.23 0.91 0.00	30.94 0.96 0.00	33.78 1.14 0.00	38.06 1.36 0.00	33.26 1.16 0.00	29.02 0.95 0.00	27.10 0.81 0.00	25.07 0.73 0.00	23.58 0.53 0.00	22.04 0.45 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	23.94 2.04 -0.26	22.04 1.71 0.00	20.90 1.76 0.00	20.36 1.63 0.00	20.92 1.73 0.00	22.28 1.75 0.00	25.74 2.08 0.00	28.44 2.55 -1.33	29.04 2.84 -0.12	32.24 2.91 -2.38	34.63 3.46 -1.88	33.14 3.37 -0.71	36.35 3.49 -3.24	34.75 3.45 -1.85	35.35 3.40 -2.62	36.53 3.51 -3.04	36.46 3.79 -0.04	46.52 4.33 -5.48	35.41 3.31 0.00	31.10 3.03 0.00	30.59 2.81 -1.49	29.78 2.68 -2.76	26.14 2.21 -0.88	23.60 2.01 0.00
DELAWARE___LFGE 323621	22.17 0.52 0.00	20.82 0.49 0.00	19.58 0.44 0.00	19.16 0.43 0.00	19.63 0.44 0.00	21.00 0.47 0.00	24.25 0.59 0.00	25.26 0.71 0.00	26.91 0.83 0.00	27.84 0.89 0.00	30.25 0.97 0.00	29.99 0.93 0.00	30.56 0.95 0.00	30.40 0.94 0.00	30.26 0.94 0.00	30.94 0.96 0.00	33.71 1.08 0.00	37.88 1.17 0.00	33.16 1.06 0.00	28.97 0.90 0.00	27.10 0.81 0.00	25.02 0.68 0.00	23.63 0.58 0.00	22.15 0.56 0.00
DERFIELD_115KV_TB7 355931	21.65 0.00 0.00	20.35 0.02 0.00	19.16 0.02 0.00	18.75 0.02 0.00	19.21 0.02 0.00	20.55 0.02 0.00	23.68 0.02 0.00	24.60 0.05 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.35 0.06 0.00	29.12 0.06 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.41 0.09 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.85 0.15 0.00	32.20 0.10 0.00	28.15 0.08 0.00	26.34 0.05 0.00	24.39 0.05 0.00	23.07 0.02 0.00	21.61 0.02 0.00
DOGLEVILLE___HYD 23807	21.54 -0.11 0.00	20.25 -0.08 0.00	19.08 -0.06 0.00	18.71 -0.02 0.00	19.19 0.00 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.63 0.07 0.00	26.16 0.08 0.00	27.03 0.08 0.00	29.41 0.12 0.00	29.21 0.15 0.00	29.76 0.15 0.00	29.61 0.15 0.00	29.50 0.18 0.00	30.19 0.21 0.00	32.89 0.26 0.00	37.00 0.29 0.00	32.33 0.23 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.10 0.05 0.00	21.63 0.04 0.00
DUNKIRK___115KV_TB_200 55889	22.13 0.48 0.00	20.68 0.35 0.00	19.37 0.23 0.00	19.01 0.28 0.00	19.50 0.31 0.00	20.84 0.31 0.00	23.99 0.33 0.00	24.75 0.20 0.00	26.31 0.23 0.00	27.11 0.16 0.00	29.41 0.12 0.00	29.41 0.35 0.00	29.68 0.06 0.00	29.67 0.21 0.00	29.33 0.00 0.00	29.95 -0.03 0.00	32.21 -0.42 0.00	35.90 -0.81 0.00	31.72 -0.39 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.32 -0.02 0.00	23.14 0.09 0.00	22.07 0.47 0.00
DUNKIRK___1 23563	22.13 0.48 0.00	20.68 0.35 0.00	19.37 0.23 0.00	19.01 0.28 0.00	19.50 0.31 0.00	20.84 0.31 0.00	23.99 0.33 0.00	24.75 0.20 0.00	26.31 0.23 0.00	27.11 0.16 0.00	29.41 0.12 0.00	29.41 0.35 0.00	29.68 0.06 0.00	29.67 0.21 0.00	29.33 0.00 0.00	29.95 -0.03 0.00	32.21 -0.42 0.00	35.90 -0.81 0.00	31.72 -0.39 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.32 -0.02 0.00	23.14 0.09 0.00	22.07 0.47 0.00
DUNKIRK___2 23564	22.13 0.48 0.00	20.68 0.35 0.00	19.37 0.23 0.00	19.01 0.28 0.00	19.50 0.31 0.00	20.84 0.31 0.00	23.99 0.33 0.00	24.75 0.20 0.00	26.31 0.23 0.00	27.11 0.16 0.00	29.41 0.12 0.00	29.41 0.35 0.00	29.68 0.06 0.00	29.67 0.21 0.00	29.33 0.00 0.00	29.95 -0.03 0.00	32.21 -0.42 0.00	35.90 -0.81 0.00	31.72 -0.39 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.32 -0.02 0.00	23.14 0.09 0.00	22.07 0.47 0.00
DUNKIRK___3 23565	21.95 0.30 0.00	20.54 0.20 0.00	19.23 0.10 0.00	18.86 0.13 0.00	19.36 0.17 0.00	20.69 0.16 0.00	23.80 0.14 0.00	24.53 -0.02 0.00	26.08 0.00 0.00	26.90 -0.05 0.00	29.14 -0.15 0.00	29.12 0.06 0.00	29.41 -0.21 0.00	29.40 -0.06 0.00	29.09 -0.23 0.00	29.71 -0.27 0.00	31.95 -0.69 0.00	35.60 -1.10 0.00	31.46 -0.64 0.00	27.84 -0.22 0.00	26.08 -0.21 0.00	24.15 -0.19 0.00	22.96 -0.09 0.00	21.91 0.32 0.00
DUNKIRK___4 23566	21.95 0.30 0.00	20.54 0.20 0.00	19.23 0.10 0.00	18.86 0.13 0.00	19.36 0.17 0.00	20.69 0.16 0.00	23.80 0.14 0.00	24.53 -0.02 0.00	26.08 0.00 0.00	26.90 -0.05 0.00	29.14 -0.15 0.00	29.12 0.06 0.00	29.41 -0.21 0.00	29.40 -0.06 0.00	29.09 -0.23 0.00	29.71 -0.27 0.00	31.95 -0.69 0.00	35.60 -1.10 0.00	31.46 -0.64 0.00	27.84 -0.22 0.00	26.08 -0.21 0.00	24.15 -0.19 0.00	22.96 -0.09 0.00	21.91 0.32 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	22.28 0.63 0.00	20.92 0.59 0.00	19.73 0.59 0.00	19.29 0.56 0.00	19.75 0.56 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.71 1.15 0.00	27.41 1.33 0.00	28.35 1.40 0.00	30.72 1.44 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.42 1.44 0.00	34.30 1.66 0.00	38.61 1.91 0.00	33.77 1.67 0.00	29.50 1.43 0.00	27.55 1.26 0.00	25.41 1.07 0.00	23.93 0.88 0.00	22.30 0.71 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	22.21 0.56 0.00	20.86 0.53 0.00	19.65 0.52 0.00	19.19 0.47 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.25 0.59 0.00	25.36 0.81 0.00	27.04 0.96 0.00	27.95 1.00 0.00	30.28 1.00 0.00	30.02 0.96 0.00	30.59 0.98 0.00	30.40 0.94 0.00	30.32 1.00 0.00	31.03 1.05 0.00	33.84 1.21 0.00	38.13 1.43 0.00	33.35 1.25 0.00	29.11 1.04 0.00	27.21 0.92 0.00	25.15 0.80 0.00	23.65 0.60 0.00	22.11 0.52 0.00



E179THST_138_KV_TB4_REV_LBMP_J 345001	22.52 0.87 0.00	21.10 0.77 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.04 0.51 0.00	24.30 0.64 0.00	25.61 1.06 0.00	27.33 1.25 0.00	28.32 1.37 0.00	30.64 1.35 0.00	30.40 1.34 0.00	31.01 1.39 0.00	30.82 1.36 0.00	30.70 1.38 0.00	31.36 1.38 0.00	34.26 1.63 0.00	38.58 1.87 0.00	33.77 1.67 0.00	29.50 1.43 0.00	27.45 1.16 0.00	25.27 0.93 0.00	23.88 0.83 0.00	22.39 0.80 0.00
E179THST_13_KV_LOAD 356214	22.60 0.95 0.00	21.17 0.83 0.00	20.02 0.88 0.00	19.55 0.82 0.00	20.01 0.83 0.00	21.10 0.57 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.43 1.79 0.00	38.76 2.06 0.00	33.93 1.83 0.00	29.64 1.57 0.00	27.55 1.26 0.00	25.36 1.02 0.00	23.99 0.95 0.00	22.48 0.89 0.00
EAST HAMPTON___GT 23717	24.16 2.25 -0.26	22.30 1.97 0.00	21.01 1.88 0.00	20.58 1.85 0.00	21.11 1.92 0.00	22.42 1.89 0.00	25.98 2.32 0.00	28.66 2.77 -1.33	29.27 3.08 -0.12	32.51 3.18 -2.38	34.95 3.78 -1.88	33.46 3.69 -0.71	36.61 3.76 -3.24	35.02 3.71 -1.84	35.64 3.69 -2.62	36.86 3.84 -3.04	36.82 4.14 -0.04	46.99 4.81 -5.48	35.79 3.69 0.00	31.45 3.37 -0.01	30.88 3.10 -1.49	30.03 2.92 -2.76	26.37 2.44 -0.88	23.79 2.20 0.00
EAST RIVER___6 23660	22.30 0.65 0.00	20.94 0.61 0.00	19.69 0.56 0.00	19.33 0.60 0.00	19.76 0.58 0.00	20.98 0.45 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.87 1.58 0.00	30.58 1.51 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.46 1.83 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.30 0.71 0.00
EAST RIVER___7 23524	22.30 0.65 0.00	20.94 0.61 0.00	19.69 0.56 0.00	19.33 0.60 0.00	19.76 0.58 0.00	20.98 0.45 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.87 1.58 0.00	30.58 1.51 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.46 1.83 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.30 0.71 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	22.26 0.61 0.00	20.90 0.57 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.30 1.35 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.88 0.83 0.00	22.28 0.69 0.00
EAST_HAMPTON___DIESEL 23722	24.16 2.25 -0.26	22.33 1.99 0.00	21.03 1.90 0.00	20.58 1.85 0.00	21.11 1.92 0.00	22.44 1.91 0.00	26.00 2.34 0.00	28.68 2.80 -1.33	29.27 3.08 -0.12	32.51 3.18 -2.38	34.98 3.81 -1.88	33.46 3.69 -0.71	36.61 3.76 -3.24	35.02 3.71 -1.84	35.67 3.72 -2.62	36.89 3.87 -3.04	36.85 4.18 -0.04	47.03 4.84 -5.48	35.82 3.72 0.00	31.45 3.37 -0.01	30.91 3.13 -1.49	30.03 2.92 -2.76	26.37 2.44 -0.88	23.79 2.20 0.00
EAST_PULASKI___ESR 323781	21.13 -0.52 0.00	19.82 -0.51 0.00	18.66 -0.48 0.00	18.28 -0.45 0.00	18.73 -0.46 0.00	20.06 -0.47 0.00	23.11 -0.54 0.00	23.86 -0.69 0.00	25.32 -0.76 0.00	26.22 -0.73 0.00	28.56 -0.73 0.00	28.31 -0.76 0.00	28.79 -0.83 0.00	28.69 -0.77 0.00	28.56 -0.76 0.00	29.20 -0.78 0.00	31.85 -0.78 0.00	35.75 -0.95 0.00	31.27 -0.83 0.00	27.37 -0.70 0.00	25.66 -0.63 0.00	23.71 -0.63 0.00	22.52 -0.53 0.00	21.12 -0.47 0.00
EAST_RIVER___1 323558	22.32 0.67 0.00	20.98 0.65 0.00	19.71 0.57 0.00	19.36 0.64 0.00	19.78 0.60 0.00	21.02 0.49 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.48 1.50 0.00	34.39 1.76 0.00	38.68 1.98 0.00	33.87 1.76 0.00	29.58 1.51 0.00	27.60 1.31 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.33 0.73 0.00
EAST_RIVER___2 323559	22.30 0.65 0.00	20.94 0.61 0.00	19.69 0.56 0.00	19.33 0.60 0.00	19.76 0.58 0.00	20.98 0.45 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.87 1.58 0.00	30.58 1.51 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.46 1.83 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.30 0.71 0.00
EAST___DELAWARE_HYD 23607	22.19 0.54 0.00	20.84 0.51 0.00	19.56 0.42 0.00	19.18 0.45 0.00	19.63 0.44 0.00	20.90 0.37 0.00	24.22 0.57 0.00	25.24 0.69 0.00	26.91 0.83 0.00	27.84 0.89 0.00	30.17 0.88 0.00	29.91 0.84 0.00	30.44 0.83 0.00	30.26 0.80 0.00	30.18 0.85 0.00	30.94 0.96 0.00	33.77 1.14 0.00	38.10 1.39 0.00	33.26 1.15 0.00	29.05 0.98 0.00	27.13 0.84 0.00	25.10 0.76 0.00	23.56 0.51 0.00	22.04 0.45 0.00
EIGHT_POINT___WT_PWR 323820	22.41 0.76 0.00	20.82 0.49 0.00	19.79 0.65 0.00	19.16 0.43 0.00	19.67 0.48 0.00	21.35 0.82 0.00	24.32 0.66 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.46 0.51 0.00	29.87 0.59 0.00	29.73 0.67 0.00	30.15 0.53 0.00	30.11 0.65 0.00	29.88 0.56 0.00	30.55 0.57 0.00	33.03 0.39 0.00	36.81 0.11 0.00	32.42 0.32 0.00	28.60 0.53 0.00	26.79 0.50 0.00	24.76 0.41 0.00	23.44 0.39 0.00	22.26 0.67 0.00
ELBRIDGE_115KV_TB2 80188	21.45 -0.19 0.00	20.13 -0.20 0.00	18.93 -0.21 0.00	18.52 -0.21 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.13 -0.42 0.00	25.64 -0.44 0.00	26.52 -0.43 0.00	28.88 -0.41 0.00	28.66 -0.41 0.00	29.14 -0.47 0.00	29.02 -0.44 0.00	28.89 -0.44 0.00	29.53 -0.45 0.00	32.11 -0.52 0.00	36.04 -0.66 0.00	31.52 -0.58 0.00	27.65 -0.42 0.00	25.90 -0.39 0.00	23.98 -0.37 0.00	22.80 -0.25 0.00	21.40 -0.19 0.00
ELEC_TRO_TEK 24086	22.90 1.00 -0.26	21.17 0.83 0.00	20.00 0.86 0.00	19.51 0.79 0.00	20.01 0.83 0.00	21.35 0.82 0.00	24.72 1.06 0.00	27.40 1.52 -1.33	27.92 1.72 -0.12	31.14 1.81 -2.38	32.64 1.87 -1.48	31.56 1.83 -0.67	34.71 1.90 -3.19	32.92 1.83 -1.63	32.32 1.85 -1.14	33.42 1.89 -1.55	34.79 2.15 0.00	44.64 2.46 -5.48	34.22 2.12 0.00	29.92 1.85 0.00	29.44 1.66 -1.49	28.49 1.41 -2.73	25.15 1.22 -0.88	22.63 1.04 0.00
ELLENBURG_WT_PWR 323604	22.10 0.46 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.10 0.37 0.00	19.59 0.40 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.12 0.57 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.44 0.83 0.00	30.28 0.82 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.42 0.78 0.00	37.62 0.92 0.00	32.87 0.77 0.00	28.77 0.70 0.00	26.92 0.63 0.00	24.93 0.58 0.00	23.56 0.51 0.00	22.04 0.45 0.00



ELM_ST_23_KV_LD_REV_LBMP_A 345012	21.61 -0.04 0.00	20.19 -0.14 0.00	18.91 -0.23 0.00	18.54 -0.19 0.00	19.04 -0.15 0.00	20.32 -0.21 0.00	23.33 -0.33 0.00	24.01 -0.54 0.00	25.51 -0.57 0.00	26.30 -0.65 0.00	28.53 -0.76 0.00	28.48 -0.58 0.00	28.76 -0.86 0.00	28.75 -0.71 0.00	28.45 -0.88 0.00	29.08 -0.90 0.00	31.23 -1.40 0.00	34.76 -1.95 0.00	30.72 -1.38 0.00	27.25 -0.81 0.00	25.55 -0.74 0.00	23.64 -0.71 0.00	22.54 -0.51 0.00	21.53 -0.06 0.00
EMPIRE_CC_1 323656	21.78 0.13 0.00	20.58 0.24 0.00	19.31 0.17 0.00	18.95 0.23 0.00	19.44 0.25 0.00	20.71 0.18 0.00	23.82 0.17 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.55 0.26 0.00	29.27 0.20 0.00	29.85 0.24 0.00	29.64 0.18 0.00	29.53 0.21 0.00	30.22 0.24 0.00	32.99 0.36 0.00	37.25 0.55 0.00	32.49 0.39 0.00	28.35 0.28 0.00	26.58 0.29 0.00	24.71 0.37 0.00	23.26 0.21 0.00	21.76 0.17 0.00
EMPIRE_CC_2 323658	21.78 0.13 0.00	20.58 0.24 0.00	19.31 0.17 0.00	18.95 0.23 0.00	19.44 0.25 0.00	20.71 0.18 0.00	23.82 0.17 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.55 0.26 0.00	29.27 0.20 0.00	29.85 0.24 0.00	29.64 0.18 0.00	29.53 0.21 0.00	30.22 0.24 0.00	32.99 0.36 0.00	37.25 0.55 0.00	32.49 0.39 0.00	28.35 0.28 0.00	26.58 0.29 0.00	24.71 0.37 0.00	23.26 0.21 0.00	21.76 0.17 0.00
ENORWICH_115KV_TB1 80156	23.25 1.60 0.00	21.78 1.44 0.00	20.42 1.28 0.00	20.02 1.29 0.00	20.53 1.34 0.00	22.03 1.50 0.00	25.55 1.89 0.00	26.56 2.01 0.00	28.35 2.27 0.00	29.29 2.34 0.00	31.95 2.67 0.00	31.80 2.73 0.00	32.43 2.81 0.00	32.32 2.86 0.00	32.11 2.79 0.00	32.83 2.85 0.00	35.93 3.30 0.00	40.26 3.56 0.00	35.15 3.05 0.00	30.71 2.64 0.00	28.71 2.42 0.00	26.34 2.00 0.00	24.85 1.80 0.00	23.38 1.79 0.00
ERIE_ST__34_KV_TB1-2 80199	22.06 0.41 0.00	20.62 0.28 0.00	19.31 0.17 0.00	18.93 0.21 0.00	19.44 0.25 0.00	20.76 0.23 0.00	23.87 0.21 0.00	24.60 0.05 0.00	26.16 0.08 0.00	26.98 0.03 0.00	29.26 -0.03 0.00	29.24 0.17 0.00	29.50 -0.12 0.00	29.52 0.06 0.00	29.21 -0.12 0.00	29.83 -0.15 0.00	32.08 -0.55 0.00	35.75 -0.95 0.00	31.59 -0.51 0.00	27.98 -0.08 0.00	26.18 -0.11 0.00	24.25 -0.10 0.00	23.07 0.02 0.00	22.00 0.41 0.00
ERIE_WT_PWR 323693	22.04 0.39 0.00	20.37 0.04 0.00	19.42 0.29 0.00	18.71 -0.02 0.00	19.21 0.02 0.00	20.92 0.39 0.00	23.73 0.07 0.00	24.28 -0.27 0.00	25.79 -0.29 0.00	26.57 -0.38 0.00	28.82 -0.47 0.00	28.77 -0.29 0.00	29.08 -0.53 0.00	29.11 -0.35 0.00	28.77 -0.56 0.00	29.41 -0.57 0.00	31.59 -1.05 0.00	35.16 -1.54 0.00	31.07 -1.03 0.00	27.56 -0.50 0.00	25.82 -0.47 0.00	23.88 -0.46 0.00	22.75 -0.30 0.00	21.72 0.13 0.00
ESPRGFLD_115KV_TB1 80157	22.56 0.91 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.48 0.75 0.00	19.98 0.79 0.00	21.41 0.88 0.00	24.79 1.14 0.00	25.83 1.28 0.00	27.54 1.46 0.00	28.43 1.48 0.00	30.93 1.64 0.00	30.69 1.63 0.00	31.24 1.63 0.00	31.11 1.65 0.00	30.97 1.64 0.00	31.72 1.74 0.00	34.62 1.99 0.00	38.91 2.20 0.00	34.12 2.02 0.00	29.75 1.68 0.00	27.81 1.52 0.00	25.63 1.29 0.00	24.13 1.08 0.00	22.65 1.06 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	22.08 0.43 0.00	20.70 0.37 0.00	19.46 0.33 0.00	19.04 0.32 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.11 0.45 0.00	24.94 0.39 0.00	26.55 0.47 0.00	27.41 0.46 0.00	29.84 0.56 0.00	29.65 0.58 0.00	30.15 0.53 0.00	30.02 0.56 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.32 0.69 0.00	37.40 0.70 0.00	32.71 0.61 0.00	28.66 0.59 0.00	26.84 0.55 0.00	24.78 0.44 0.00	23.46 0.41 0.00	22.07 0.47 0.00
ETNA____115KV_TB2 80207	22.08 0.43 0.00	20.70 0.37 0.00	19.46 0.33 0.00	19.04 0.32 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.11 0.45 0.00	24.94 0.39 0.00	26.55 0.47 0.00	27.41 0.46 0.00	29.84 0.56 0.00	29.65 0.58 0.00	30.15 0.53 0.00	30.02 0.56 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.32 0.69 0.00	37.40 0.70 0.00	32.71 0.61 0.00	28.66 0.59 0.00	26.84 0.55 0.00	24.78 0.44 0.00	23.46 0.41 0.00	22.07 0.47 0.00
EUCLID__115KV_TB2 356179	21.32 -0.32 0.00	20.01 -0.33 0.00	18.81 -0.33 0.00	18.43 -0.30 0.00	18.88 -0.31 0.00	20.20 -0.33 0.00	23.25 -0.40 0.00	23.99 -0.56 0.00	25.48 -0.60 0.00	26.36 -0.59 0.00	28.67 -0.62 0.00	28.45 -0.61 0.00	28.91 -0.71 0.00	28.78 -0.68 0.00	28.65 -0.67 0.00	29.29 -0.69 0.00	31.85 -0.78 0.00	35.75 -0.95 0.00	31.27 -0.83 0.00	27.42 -0.65 0.00	25.71 -0.58 0.00	23.81 -0.54 0.00	22.66 -0.39 0.00	21.27 -0.32 0.00
E_CANADA_CAP_HY 24051	22.65 1.00 0.00	21.27 0.94 0.00	19.98 0.84 0.00	19.55 0.82 0.00	20.09 0.90 0.00	21.56 1.03 0.00	24.96 1.30 0.00	25.98 1.42 0.00	27.62 1.54 0.00	28.49 1.54 0.00	31.02 1.73 0.00	30.72 1.66 0.00	31.27 1.66 0.00	31.14 1.68 0.00	31.05 1.73 0.00	31.90 1.92 0.00	34.82 2.19 0.00	39.16 2.46 0.00	34.42 2.31 0.00	29.98 1.91 0.00	28.00 1.71 0.00	25.83 1.49 0.00	24.27 1.22 0.00	22.73 1.14 0.00
E_CANADA_MHWK_HY 24050	21.54 -0.11 0.00	20.25 -0.08 0.00	19.08 -0.06 0.00	18.71 -0.02 0.00	19.19 0.00 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.63 0.07 0.00	26.16 0.08 0.00	27.03 0.08 0.00	29.41 0.12 0.00	29.21 0.15 0.00	29.76 0.15 0.00	29.61 0.15 0.00	29.50 0.18 0.00	30.19 0.21 0.00	32.89 0.26 0.00	37.00 0.29 0.00	32.33 0.23 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.10 0.05 0.00	21.63 0.04 0.00
E_FISHKILL__LBMP 23776	22.17 0.52 0.00	20.82 0.49 0.00	19.63 0.50 0.00	19.19 0.47 0.00	19.65 0.46 0.00	20.98 0.45 0.00	24.25 0.59 0.00	25.44 0.88 0.00	27.10 1.02 0.00	28.03 1.08 0.00	30.37 1.08 0.00	30.11 1.05 0.00	30.71 1.10 0.00	30.49 1.03 0.00	30.38 1.06 0.00	31.09 1.11 0.00	33.91 1.27 0.00	38.21 1.50 0.00	33.39 1.28 0.00	29.16 1.09 0.00	27.26 0.97 0.00	25.17 0.83 0.00	23.72 0.67 0.00	22.15 0.56 0.00
FALCON__SEABRD_CC1 323796	22.43 0.78 0.00	21.08 0.75 0.00	19.85 0.71 0.00	19.38 0.66 0.00	19.86 0.67 0.00	21.29 0.76 0.00	24.56 0.90 0.00	25.48 0.93 0.00	27.07 0.99 0.00	27.95 1.00 0.00	30.43 1.14 0.00	30.26 1.19 0.00	30.92 1.30 0.00	30.76 1.29 0.00	30.53 1.20 0.00	31.21 1.23 0.00	33.90 1.27 0.00	38.17 1.47 0.00	33.39 1.29 0.00	29.19 1.12 0.00	27.34 1.05 0.00	25.29 0.95 0.00	23.90 0.85 0.00	22.37 0.78 0.00
FALCON__SEABRD_CC2 323797	22.43 0.78 0.00	21.08 0.75 0.00	19.85 0.71 0.00	19.38 0.66 0.00	19.86 0.67 0.00	21.29 0.76 0.00	24.56 0.90 0.00	25.48 0.93 0.00	27.07 0.99 0.00	27.95 1.00 0.00	30.43 1.14 0.00	30.26 1.19 0.00	30.92 1.30 0.00	30.76 1.29 0.00	30.53 1.20 0.00	31.21 1.23 0.00	33.90 1.27 0.00	38.17 1.47 0.00	33.39 1.29 0.00	29.19 1.12 0.00	27.34 1.05 0.00	25.29 0.95 0.00	23.90 0.85 0.00	22.37 0.78 0.00



FAR ROCKAWAY___4 23548	23.14 1.23 -0.26	21.39 1.06 0.00	20.19 1.05 0.00	19.70 0.97 0.00	20.21 1.02 0.00	21.58 1.05 0.00	24.96 1.30 0.00	27.67 1.79 -1.33	28.23 2.03 -0.12	31.49 2.16 -2.38	33.05 2.28 -1.48	31.94 2.21 -0.67	35.09 2.28 -3.19	33.33 2.24 -1.63	32.73 2.26 -1.14	33.84 2.31 -1.55	35.21 2.58 0.00	45.20 3.01 -5.48	34.70 2.60 0.00	30.31 2.25 0.00	29.78 2.00 -1.49	28.80 1.73 -2.73	25.45 1.52 -0.88	22.86 1.27 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	22.36 0.71 0.00	20.98 0.65 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.10 0.57 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.51 1.56 0.00	30.87 1.58 0.00	30.61 1.54 0.00	31.22 1.60 0.00	31.02 1.56 0.00	30.88 1.55 0.00	31.57 1.59 0.00	34.46 1.83 0.00	38.76 2.06 0.00	33.93 1.83 0.00	29.64 1.57 0.00	27.63 1.34 0.00	25.46 1.12 0.00	23.99 0.95 0.00	22.37 0.78 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	22.34 0.69 0.00	20.96 0.63 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.10 0.57 0.00	24.46 0.80 0.00	25.80 1.25 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.88 1.55 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.93 1.83 0.00	29.64 1.57 0.00	27.63 1.34 0.00	25.46 1.12 0.00	23.99 0.95 0.00	22.37 0.78 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	22.34 0.69 0.00	20.94 0.61 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.49 1.41 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.90 1.80 0.00	29.58 1.52 0.00	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.35 0.76 0.00
FARRAGUT___LBMP 323566	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.76 0.58 0.00	21.06 0.53 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.36 1.73 0.00	38.65 1.95 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.32 0.73 0.00
FENNER___WINDPWR 24204	21.99 0.35 0.00	20.62 0.28 0.00	19.42 0.29 0.00	18.99 0.26 0.00	19.48 0.29 0.00	20.90 0.37 0.00	24.08 0.43 0.00	24.97 0.42 0.00	26.52 0.44 0.00	27.41 0.46 0.00	29.84 0.56 0.00	29.62 0.55 0.00	30.15 0.53 0.00	30.02 0.56 0.00	29.88 0.56 0.00	30.58 0.60 0.00	33.29 0.65 0.00	37.36 0.66 0.00	32.65 0.55 0.00	28.57 0.51 0.00	26.76 0.47 0.00	24.71 0.37 0.00	23.40 0.35 0.00	21.96 0.37 0.00
FIBERTEK___ENERGY 23856	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
FITZPATRICK___ 23598	21.07 -0.58 0.00	19.74 -0.59 0.00	18.62 -0.52 0.00	18.18 -0.54 0.00	18.63 -0.56 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.11 -0.96 0.00	25.95 -1.00 0.00	28.24 -1.05 0.00	28.02 -1.05 0.00	28.55 -1.06 0.00	28.43 -1.03 0.00	28.27 -1.05 0.00	28.90 -1.08 0.00	31.39 -1.24 0.00	35.27 -1.43 0.00	30.85 -1.25 0.00	27.03 -1.04 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	20.99 -0.60 0.00
FLOWRFLD_69_KV_BK1 356044	23.36 1.45 -0.26	21.53 1.20 0.00	20.38 1.24 0.00	19.87 1.14 0.00	20.40 1.21 0.00	21.74 1.21 0.00	25.15 1.49 0.00	27.90 2.01 -1.33	28.44 2.24 -0.12	31.65 2.32 -2.38	33.74 2.49 -1.96	32.25 2.47 -0.72	35.38 2.52 -3.24	33.82 2.47 -1.89	34.73 2.49 -2.91	35.88 2.58 -3.32	35.52 2.84 -0.05	45.38 3.19 -5.48	34.77 2.66 0.00	30.45 2.39 0.00	29.96 2.18 -1.49	29.11 2.00 -2.77	25.61 1.68 -0.88	23.06 1.47 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	22.41 0.76 0.00	21.02 0.69 0.00	19.81 0.67 0.00	19.36 0.64 0.00	19.82 0.63 0.00	21.15 0.62 0.00	24.44 0.78 0.00	25.56 1.01 0.00	27.25 1.17 0.00	28.16 1.21 0.00	30.55 1.26 0.00	30.29 1.22 0.00	30.89 1.27 0.00	30.67 1.21 0.00	30.59 1.26 0.00	31.33 1.35 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.64 1.54 0.00	29.36 1.29 0.00	27.42 1.13 0.00	25.36 1.02 0.00	23.83 0.78 0.00	22.28 0.69 0.00
FORT ORANGE___ 23900	21.82 0.17 0.00	20.60 0.26 0.00	19.37 0.23 0.00	19.03 0.30 0.00	19.48 0.29 0.00	20.74 0.21 0.00	23.85 0.19 0.00	24.82 0.27 0.00	26.42 0.34 0.00	27.30 0.35 0.00	29.64 0.35 0.00	29.36 0.29 0.00	29.94 0.33 0.00	29.75 0.29 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.09 0.46 0.00	37.33 0.62 0.00	32.65 0.55 0.00	28.46 0.39 0.00	26.66 0.37 0.00	24.73 0.39 0.00	23.30 0.25 0.00	21.76 0.17 0.00
FORT_DRUM_COGEN 23780	21.09 -0.56 0.00	19.78 -0.55 0.00	18.66 -0.48 0.00	18.28 -0.45 0.00	18.73 -0.46 0.00	20.10 -0.43 0.00	23.28 -0.38 0.00	24.11 -0.44 0.00	25.64 -0.44 0.00	26.49 -0.46 0.00	28.91 -0.38 0.00	28.63 -0.44 0.00	29.14 -0.47 0.00	29.05 -0.41 0.00	28.91 -0.41 0.00	29.59 -0.39 0.00	32.44 -0.20 0.00	36.56 -0.15 0.00	31.91 -0.19 0.00	27.84 -0.22 0.00	26.05 -0.24 0.00	24.00 -0.34 0.00	22.66 -0.39 0.00	21.22 -0.37 0.00
FOX_HILLS___ESR 323835	22.49 0.84 0.00	21.08 0.75 0.00	19.88 0.75 0.00	19.44 0.71 0.00	19.90 0.71 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.41 1.33 0.00	28.43 1.48 0.00	30.75 1.46 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.52 1.83 -0.06	138.94 2.13 -100.11	109.68 1.89 -75.69	99.78 1.63 -70.09	27.55 1.26 0.00	25.39 1.05 0.00	24.02 0.97 0.00	22.41 0.82 0.00
FPL_FAR_ROCK_GT1 24212	23.16 1.26 -0.26	21.45 1.12 0.00	20.15 1.01 0.00	19.74 1.01 0.00	20.22 1.04 0.00	21.52 0.99 0.00	24.98 1.32 0.00	27.65 1.77 -1.33	28.21 2.01 -0.12	31.49 2.16 -2.38	33.05 2.29 -1.48	31.94 2.21 -0.67	35.03 2.22 -3.19	33.27 2.18 -1.63	32.67 2.20 -1.14	33.81 2.28 -1.55	35.21 2.58 0.00	45.16 2.97 -5.48	34.70 2.60 0.00	30.32 2.25 -0.01	29.78 2.00 -1.49	28.80 1.73 -2.73	25.45 1.52 -0.88	22.86 1.27 0.00
FPL_FAR_ROCK_GT2 23815	23.16 1.26 -0.26	21.45 1.12 0.00	20.15 1.01 0.00	19.74 1.01 0.00	20.22 1.04 0.00	21.52 0.99 0.00	24.98 1.32 0.00	27.65 1.77 -1.33	28.21 2.01 -0.12	31.49 2.16 -2.38	33.05 2.29 -1.48	31.94 2.21 -0.67	35.03 2.22 -3.19	33.27 2.18 -1.63	32.67 2.20 -1.14	33.81 2.28 -1.55	35.21 2.58 0.00	45.16 2.97 -5.48	34.70 2.60 0.00	30.32 2.25 -0.01	29.78 2.00 -1.49	28.80 1.73 -2.73	25.45 1.52 -0.88	22.86 1.27 0.00



FRANKLIN_FALL_HYD 24054	22.13 0.48 0.00	20.82 0.49 0.00	19.60 0.46 0.00	19.12 0.39 0.00	19.63 0.44 0.00	21.04 0.51 0.00	24.30 0.64 0.00	25.26 0.71 0.00	26.84 0.76 0.00	27.68 0.73 0.00	30.14 0.85 0.00	29.91 0.84 0.00	30.59 0.98 0.00	30.43 0.97 0.00	30.18 0.85 0.00	30.85 0.87 0.00	33.51 0.88 0.00	37.77 1.06 0.00	33.00 0.90 0.00	28.85 0.79 0.00	27.03 0.74 0.00	24.98 0.63 0.00	23.60 0.55 0.00	22.07 0.47 0.00
FREEPORT_EQUS_GT1 23764	23.08 1.17 -0.26	21.37 1.04 0.00	20.07 0.94 0.00	19.68 0.95 0.00	20.17 0.98 0.00	21.45 0.92 0.00	24.91 1.25 0.00	27.55 1.67 -1.33	28.10 1.90 -0.12	31.35 2.02 -2.38	32.90 2.14 -1.48	31.79 2.06 -0.67	34.88 2.07 -3.19	33.12 2.03 -1.63	32.52 2.05 -1.14	33.66 2.13 -1.55	35.08 2.45 0.00	45.01 2.83 -5.48	34.51 2.41 0.00	30.18 2.11 -0.01	29.67 1.89 -1.49	28.71 1.63 -2.73	25.33 1.41 -0.88	22.80 1.21 0.00
FREEPORT___CT2 23818	23.08 1.17 -0.26	21.37 1.04 0.00	20.07 0.94 0.00	19.68 0.95 0.00	20.17 0.98 0.00	21.45 0.92 0.00	24.91 1.25 0.00	27.55 1.67 -1.33	28.10 1.90 -0.12	31.35 2.02 -2.38	32.90 2.14 -1.48	31.79 2.06 -0.67	34.88 2.07 -3.19	33.12 2.03 -1.63	32.52 2.05 -1.14	33.66 2.13 -1.55	35.08 2.45 0.00	45.01 2.83 -5.48	34.51 2.41 0.00	30.18 2.11 -0.01	29.67 1.89 -1.49	28.71 1.63 -2.73	25.33 1.41 -0.88	22.80 1.21 0.00
FRESHKLS_33_KV_LOAD 356253	22.49 0.84 0.00	21.06 0.73 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.88 0.69 0.00	21.04 0.51 0.00	24.34 0.69 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.35 1.40 0.00	30.66 1.38 0.00	30.40 1.34 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.39 1.41 0.00	34.42 1.73 -0.06	138.87 2.06 -100.11	109.59 1.80 -75.69	99.76 1.60 -70.09	27.50 1.21 0.00	25.34 1.00 0.00	23.99 0.95 0.00	22.39 0.80 0.00
FULTON COGEN____ 23766	21.22 -0.43 0.00	19.91 -0.43 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.77 -0.42 0.00	20.10 -0.43 0.00	23.11 -0.54 0.00	23.84 -0.71 0.00	25.30 -0.78 0.00	26.20 -0.75 0.00	28.50 -0.79 0.00	28.28 -0.78 0.00	28.76 -0.86 0.00	28.66 -0.80 0.00	28.53 -0.79 0.00	29.14 -0.84 0.00	31.72 -0.91 0.00	35.60 -1.10 0.00	31.14 -0.96 0.00	27.28 -0.79 0.00	25.58 -0.71 0.00	23.69 -0.66 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00
FULTON___LFGE 323630	23.51 1.86 0.00	22.08 1.75 0.00	20.71 1.57 0.00	20.26 1.54 0.00	20.86 1.67 0.00	22.38 1.85 0.00	25.91 2.25 0.00	26.91 2.36 0.00	28.58 2.50 0.00	29.46 2.51 0.00	32.16 2.87 0.00	31.86 2.79 0.00	32.37 2.75 0.00	32.26 2.80 0.00	32.29 2.96 0.00	33.28 3.30 0.00	36.45 3.82 0.00	40.92 4.22 0.00	36.11 4.01 0.00	31.38 3.31 0.00	29.31 3.02 0.00	27.04 2.70 0.00	25.33 2.28 0.00	23.71 2.12 0.00
G.F.CEMENT___DRP 24184	22.67 1.02 0.00	21.29 0.96 0.00	20.02 0.88 0.00	19.59 0.86 0.00	20.11 0.92 0.00	21.56 1.03 0.00	24.86 1.21 0.00	25.95 1.40 0.00	27.62 1.54 0.00	28.51 1.56 0.00	31.07 1.79 0.00	30.78 1.71 0.00	31.33 1.72 0.00	31.17 1.71 0.00	31.11 1.79 0.00	31.87 1.89 0.00	34.66 2.02 0.00	39.02 2.31 0.00	34.29 2.18 0.00	29.81 1.74 0.00	27.87 1.58 0.00	25.78 1.44 0.00	24.20 1.15 0.00	22.67 1.08 0.00
GARDENVILLE___LBMP 24039	21.71 0.06 0.00	20.29 -0.04 0.00	19.00 -0.13 0.00	18.63 -0.09 0.00	19.13 -0.06 0.00	20.43 -0.10 0.00	23.47 -0.19 0.00	24.16 -0.39 0.00	25.69 -0.39 0.00	26.46 -0.49 0.00	28.70 -0.59 0.00	28.69 -0.38 0.00	28.93 -0.68 0.00	28.96 -0.50 0.00	28.65 -0.67 0.00	29.26 -0.72 0.00	31.46 -1.17 0.00	35.01 -1.69 0.00	30.95 -1.16 0.00	27.45 -0.62 0.00	25.71 -0.58 0.00	23.78 -0.56 0.00	22.66 -0.39 0.00	21.63 0.04 0.00
GARDNVLA_35_KV_LD 355827	21.82 0.17 0.00	20.39 0.06 0.00	19.10 -0.04 0.00	18.73 0.00 0.00	19.21 0.02 0.00	20.53 0.00 0.00	23.56 -0.09 0.00	24.26 -0.29 0.00	25.79 -0.29 0.00	26.60 -0.35 0.00	28.85 -0.44 0.00	28.83 -0.23 0.00	29.08 -0.53 0.00	29.11 -0.35 0.00	28.80 -0.53 0.00	29.41 -0.57 0.00	31.62 -1.01 0.00	35.20 -1.50 0.00	31.11 -1.00 0.00	27.59 -0.48 0.00	25.84 -0.45 0.00	23.90 -0.44 0.00	22.77 -0.28 0.00	21.74 0.15 0.00
GELCKHM___115KV_LOAD 80723	21.41 -0.24 0.00	20.07 -0.26 0.00	18.87 -0.27 0.00	18.48 -0.24 0.00	18.94 -0.25 0.00	20.28 -0.25 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.58 -0.50 0.00	26.46 -0.49 0.00	28.79 -0.50 0.00	28.57 -0.49 0.00	29.05 -0.56 0.00	28.93 -0.53 0.00	28.80 -0.53 0.00	29.41 -0.57 0.00	32.01 -0.62 0.00	35.93 -0.77 0.00	31.43 -0.67 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.90 -0.44 0.00	22.75 -0.30 0.00	21.35 -0.24 0.00
GENERAL___MILLS 23808	21.78 0.13 0.00	20.35 0.02 0.00	19.06 -0.08 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.49 -0.04 0.00	23.54 -0.12 0.00	24.23 -0.32 0.00	25.77 -0.31 0.00	26.55 -0.40 0.00	28.79 -0.50 0.00	28.77 -0.29 0.00	29.02 -0.59 0.00	29.05 -0.41 0.00	28.74 -0.59 0.00	29.35 -0.63 0.00	31.56 -1.08 0.00	35.13 -1.58 0.00	31.04 -1.06 0.00	27.54 -0.53 0.00	25.79 -0.50 0.00	23.88 -0.46 0.00	22.73 -0.32 0.00	21.70 0.11 0.00
GE_PLASTICS___DRP 24183	21.93 0.28 0.00	20.64 0.30 0.00	19.44 0.31 0.00	19.03 0.30 0.00	19.48 0.29 0.00	20.84 0.31 0.00	23.94 0.28 0.00	24.97 0.42 0.00	26.42 0.34 0.00	27.27 0.32 0.00	29.61 0.32 0.00	29.36 0.29 0.00	29.97 0.36 0.00	29.78 0.32 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.06 0.42 0.00	37.25 0.55 0.00	32.58 0.48 0.00	28.41 0.34 0.00	26.63 0.34 0.00	24.68 0.34 0.00	23.28 0.23 0.00	21.76 0.17 0.00
GILBOA___1 23756	21.95 0.30 0.00	20.64 0.31 0.00	19.41 0.27 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.78 0.25 0.00	23.99 0.33 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.15 0.53 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.78 0.68 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.80 0.46 0.00	23.40 0.35 0.00	21.89 0.30 0.00
GILBOA___2 23757	21.95 0.30 0.00	20.64 0.31 0.00	19.41 0.27 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.78 0.25 0.00	23.99 0.33 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.15 0.53 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.78 0.68 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.80 0.46 0.00	23.40 0.35 0.00	21.89 0.30 0.00
GILBOA___3 23758	21.95 0.30 0.00	20.64 0.31 0.00	19.41 0.27 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.78 0.25 0.00	23.99 0.33 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.15 0.53 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.78 0.68 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.80 0.46 0.00	23.40 0.35 0.00	21.89 0.30 0.00



GILBOA___4 23759	21.95 0.30 0.00	20.64 0.31 0.00	19.41 0.27 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.78 0.25 0.00	23.99 0.33 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.15 0.53 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.78 0.68 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.80 0.46 0.00	23.40 0.35 0.00	21.89 0.30 0.00
GILBOA____ 23599	21.95 0.30 0.00	20.64 0.30 0.00	19.42 0.29 0.00	19.01 0.28 0.00	19.48 0.29 0.00	20.82 0.29 0.00	24.01 0.35 0.00	25.04 0.49 0.00	26.60 0.52 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.18 0.56 0.00	29.99 0.53 0.00	29.88 0.56 0.00	30.55 0.57 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.78 0.67 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.81 0.46 0.00	23.39 0.35 0.00	21.89 0.30 0.00
GINNA____ 23603	20.55 -1.10 0.00	19.05 -1.28 0.00	18.07 -1.07 0.00	17.51 -1.22 0.00	17.98 -1.21 0.00	19.46 -1.07 0.00	22.19 -1.47 0.00	22.86 -1.69 0.00	24.30 -1.77 0.00	25.14 -1.81 0.00	27.35 -1.93 0.00	27.29 -1.77 0.00	27.72 -1.90 0.00	27.69 -1.77 0.00	27.45 -1.88 0.00	28.06 -1.92 0.00	30.38 -2.25 0.00	33.95 -2.75 0.00	29.73 -2.38 0.00	26.13 -1.94 0.00	24.48 -1.81 0.00	22.61 -1.73 0.00	21.53 -1.52 0.00	20.30 -1.29 0.00
GLEN PARK____ 23778	21.13 -0.52 0.00	19.80 -0.53 0.00	18.68 -0.46 0.00	18.28 -0.45 0.00	18.75 -0.44 0.00	20.14 -0.39 0.00	23.33 -0.33 0.00	24.18 -0.37 0.00	25.66 -0.42 0.00	26.55 -0.40 0.00	28.97 -0.32 0.00	28.69 -0.38 0.00	29.20 -0.41 0.00	29.14 -0.32 0.00	28.97 -0.35 0.00	29.68 -0.30 0.00	32.54 -0.10 0.00	36.67 -0.04 0.00	32.01 -0.10 0.00	27.93 -0.14 0.00	26.13 -0.16 0.00	24.05 -0.29 0.00	22.70 -0.35 0.00	21.27 -0.32 0.00
GLENDALE_27_KV_LOAD 356172	22.52 0.87 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.15 0.62 0.00	24.51 0.85 0.00	25.85 1.30 0.00	27.59 1.51 0.00	28.62 1.67 0.00	30.96 1.67 0.00	30.69 1.63 0.00	31.30 1.69 0.00	31.11 1.65 0.00	31.00 1.67 0.00	31.66 1.68 0.00	34.59 1.96 0.00	38.94 2.24 0.00	34.09 1.99 0.00	29.78 1.71 0.00	27.71 1.42 0.00	25.51 1.17 0.00	24.09 1.04 0.00	22.45 0.86 0.00
GLENWOOD_IC_1_G5 23712	23.03 1.13 -0.26	21.29 0.96 0.00	20.09 0.96 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.45 0.92 0.00	24.84 1.18 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.88 2.11 -1.48	31.77 2.03 -0.67	34.94 2.13 -3.19	33.16 2.06 -1.63	32.55 2.08 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.79 2.61 -5.48	34.45 2.34 0.00	30.12 2.05 0.00	29.59 1.81 -1.49	28.66 1.58 -2.73	25.28 1.36 -0.88	22.74 1.14 0.00
GLENWOOD_IC_2_G1 23688	22.97 1.06 -0.26	21.27 0.94 0.00	19.98 0.84 0.00	19.61 0.88 0.00	20.07 0.88 0.00	21.35 0.82 0.00	24.79 1.14 0.00	27.43 1.55 -1.33	27.97 1.77 -0.12	31.22 1.89 -2.38	32.76 1.99 -1.48	31.65 1.92 -0.67	34.73 1.92 -3.19	32.98 1.89 -1.63	32.37 1.91 -1.14	33.51 1.98 -1.55	34.88 2.25 0.00	44.75 2.57 -5.48	34.35 2.25 0.00	30.01 1.94 -0.01	29.51 1.73 -1.49	28.56 1.49 -2.73	25.21 1.29 -0.88	22.67 1.08 0.00
GLENWOOD_IC_3_G1 23689	22.97 1.06 -0.26	21.27 0.94 0.00	19.98 0.84 0.00	19.61 0.88 0.00	20.07 0.88 0.00	21.35 0.82 0.00	24.79 1.14 0.00	27.43 1.55 -1.33	27.97 1.77 -0.12	31.22 1.89 -2.38	32.76 1.99 -1.48	31.65 1.92 -0.67	34.73 1.92 -3.19	32.98 1.89 -1.63	32.37 1.91 -1.14	33.51 1.98 -1.55	34.88 2.25 0.00	44.75 2.57 -5.48	34.35 2.25 0.00	30.01 1.94 -0.01	29.51 1.73 -1.49	28.56 1.49 -2.73	25.21 1.29 -0.88	22.67 1.08 0.00
GLENWOOD___4 23550	23.03 1.13 -0.26	21.29 0.96 0.00	20.09 0.96 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.45 0.92 0.00	24.84 1.18 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.88 2.11 -1.48	31.77 2.03 -0.67	34.94 2.13 -3.19	33.16 2.06 -1.63	32.55 2.08 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.83 2.64 -5.48	34.45 2.34 0.00	30.12 2.05 0.00	29.59 1.81 -1.49	28.66 1.58 -2.73	25.28 1.36 -0.88	22.74 1.14 0.00
GLENWOOD___5 23614	23.03 1.13 -0.26	21.29 0.96 0.00	20.09 0.96 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.45 0.92 0.00	24.84 1.18 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.32 1.99 -2.38	32.88 2.11 -1.48	31.77 2.03 -0.67	34.94 2.13 -3.19	33.16 2.06 -1.63	32.55 2.08 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.83 2.64 -5.48	34.45 2.34 0.00	30.12 2.05 0.00	29.59 1.81 -1.49	28.66 1.58 -2.73	25.28 1.36 -0.88	22.74 1.14 0.00
GLOBAL GREEN_PORT_GT1 23814	24.09 2.19 -0.26	22.24 1.91 0.00	20.97 1.84 0.00	20.52 1.80 0.00	21.05 1.86 0.00	22.38 1.85 0.00	25.93 2.27 0.00	28.61 2.72 -1.33	29.20 3.00 -0.12	32.43 3.10 -2.38	34.86 3.69 -1.88	33.38 3.60 -0.71	36.52 3.67 -3.24	34.93 3.62 -1.84	35.58 3.64 -2.62	36.76 3.75 -3.04	36.75 4.08 -0.04	46.92 4.74 -5.48	35.73 3.63 0.00	31.36 3.28 -0.01	30.83 3.05 -1.49	29.95 2.85 -2.76	26.30 2.37 -0.88	23.75 2.16 0.00
GLOBE___DSASP 323697	20.96 -0.69 0.00	19.56 -0.77 0.00	18.31 -0.82 0.00	17.96 -0.77 0.00	18.44 -0.75 0.00	19.67 -0.86 0.00	22.54 -1.11 0.00	23.15 -1.40 0.00	24.57 -1.51 0.00	25.28 -1.67 0.00	27.38 -1.90 0.00	27.35 -1.71 0.00	27.57 -2.04 0.00	27.57 -1.89 0.00	27.30 -2.02 0.00	27.91 -2.07 0.00	29.96 -2.68 0.00	33.25 -3.45 0.00	29.47 -2.63 0.00	26.19 -1.88 0.00	24.58 -1.71 0.00	22.76 -1.58 0.00	21.74 -1.31 0.00	20.79 -0.80 0.00
GOETHSLN___LBMP 323567	22.21 0.56 0.00	20.84 0.51 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.96 0.43 0.00	24.34 0.69 0.00	25.66 1.10 0.00	27.38 1.30 0.00	28.38 1.43 0.00	30.69 1.41 0.00	30.43 1.37 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.70 1.38 0.00	31.39 1.41 0.00	34.23 1.60 0.00	38.50 1.80 0.00	33.74 1.64 0.00	29.47 1.40 0.00	27.50 1.21 0.00	25.32 0.97 0.00	23.86 0.81 0.00	22.22 0.63 0.00
GOLAH___69_KV_TB 1_2 80279	21.76 0.11 0.00	20.29 -0.04 0.00	19.02 -0.11 0.00	18.60 -0.13 0.00	19.09 -0.10 0.00	20.43 -0.10 0.00	23.37 -0.28 0.00	24.06 -0.49 0.00	25.64 -0.44 0.00	26.46 -0.49 0.00	28.73 -0.56 0.00	28.60 -0.47 0.00	28.96 -0.65 0.00	28.90 -0.56 0.00	28.68 -0.65 0.00	29.29 -0.69 0.00	31.62 -1.01 0.00	35.31 -1.39 0.00	31.04 -1.06 0.00	27.42 -0.65 0.00	25.69 -0.60 0.00	23.71 -0.63 0.00	22.57 -0.48 0.00	21.44 -0.15 0.00
GOODYEAR_LAKE_HYD 323669	22.36 0.71 0.00	20.98 0.65 0.00	19.71 0.57 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.19 0.66 0.00	24.51 0.85 0.00	25.53 0.98 0.00	27.23 1.15 0.00	28.14 1.19 0.00	30.61 1.32 0.00	30.37 1.31 0.00	30.92 1.30 0.00	30.79 1.33 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.13 1.50 0.00	38.35 1.65 0.00	33.58 1.48 0.00	29.33 1.26 0.00	27.42 1.13 0.00	25.29 0.95 0.00	23.86 0.81 0.00	22.37 0.78 0.00



GOUDEY___115_KV_TB6_REV_LBMP_C 345031	21.87 0.22 0.00	20.54 0.20 0.00	19.31 0.17 0.00	18.90 0.17 0.00	19.36 0.17 0.00	20.71 0.18 0.00	23.89 0.24 0.00	24.72 0.17 0.00	26.31 0.23 0.00	27.17 0.22 0.00	29.55 0.26 0.00	29.36 0.29 0.00	29.82 0.21 0.00	29.73 0.27 0.00	29.56 0.23 0.00	30.22 0.24 0.00	32.83 0.20 0.00	36.81 0.11 0.00	32.26 0.16 0.00	28.29 0.22 0.00	26.50 0.21 0.00	24.51 0.17 0.00	23.21 0.16 0.00	21.87 0.28 0.00
GOUDEY___7 23579	21.89 0.24 0.00	20.54 0.20 0.00	19.31 0.17 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.89 0.24 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.19 0.24 0.00	29.58 0.29 0.00	29.38 0.32 0.00	29.85 0.24 0.00	29.76 0.29 0.00	29.59 0.26 0.00	30.25 0.27 0.00	32.86 0.23 0.00	36.85 0.15 0.00	32.30 0.19 0.00	28.32 0.25 0.00	26.53 0.24 0.00	24.54 0.19 0.00	23.23 0.18 0.00	21.89 0.30 0.00
GOUDEY___8 23580	21.87 0.22 0.00	20.54 0.20 0.00	19.31 0.17 0.00	18.90 0.17 0.00	19.36 0.17 0.00	20.71 0.18 0.00	23.89 0.24 0.00	24.72 0.17 0.00	26.31 0.23 0.00	27.17 0.22 0.00	29.55 0.26 0.00	29.36 0.29 0.00	29.82 0.21 0.00	29.73 0.27 0.00	29.56 0.23 0.00	30.22 0.24 0.00	32.83 0.20 0.00	36.81 0.11 0.00	32.26 0.16 0.00	28.29 0.22 0.00	26.50 0.21 0.00	24.51 0.17 0.00	23.21 0.16 0.00	21.87 0.28 0.00
GOWANUS_GT1_1 24077	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_2 24078	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_3 24079	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_4 24080	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_5 24084	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_6 24111	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_7 24112	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT1_8 24113	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_1 24114	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_2 24115	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_3 24116	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_4 24117	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00



GOWANUS_GT2_5 24118	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_6 24119	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_7 24120	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT2_8 24121	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_1 24122	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_2 24123	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_3 24124	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_4 24125	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_5 24126	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_6 24127	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_7 24128	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT3_8 24129	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_1 24130	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_2 24131	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_3 24132	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00



GOWANUS_GT4_4 24133	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_5 24134	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_6 24135	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_7 24136	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GOWANUS_GT4_8 24137	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GREENBSH_115KV_TB3 55895	21.89 0.24 0.00	20.60 0.26 0.00	19.42 0.29 0.00	19.01 0.28 0.00	19.46 0.27 0.00	20.80 0.27 0.00	23.89 0.24 0.00	24.92 0.37 0.00	26.29 0.21 0.00	27.14 0.19 0.00	29.46 0.18 0.00	29.21 0.15 0.00	29.82 0.21 0.00	29.61 0.15 0.00	29.53 0.21 0.00	30.22 0.24 0.00	32.89 0.26 0.00	37.11 0.40 0.00	32.42 0.32 0.00	28.26 0.20 0.00	26.47 0.18 0.00	24.59 0.24 0.00	23.19 0.14 0.00	21.66 0.06 0.00
GREENDGE_115KV_TB5 80291	21.97 0.32 0.00	20.58 0.24 0.00	19.33 0.19 0.00	18.93 0.21 0.00	19.42 0.23 0.00	20.82 0.29 0.00	23.96 0.31 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.67 0.38 0.00	29.50 0.44 0.00	29.94 0.33 0.00	29.87 0.41 0.00	29.68 0.35 0.00	30.34 0.36 0.00	32.93 0.29 0.00	36.56 -0.15 0.00	32.33 0.22 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.59 0.24 0.00	23.28 0.23 0.00	21.96 0.37 0.00
GREENIDGE___3 23582	21.97 0.32 0.00	20.58 0.24 0.00	19.33 0.19 0.00	18.93 0.21 0.00	19.42 0.23 0.00	20.82 0.29 0.00	23.96 0.31 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.67 0.38 0.00	29.50 0.44 0.00	29.94 0.33 0.00	29.87 0.41 0.00	29.68 0.35 0.00	30.34 0.36 0.00	32.93 0.29 0.00	36.56 -0.15 0.00	32.33 0.22 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.59 0.24 0.00	23.28 0.23 0.00	21.96 0.37 0.00
GREENIDGE___4 23583	22.08 0.43 0.00	20.60 0.26 0.00	19.50 0.36 0.00	18.93 0.21 0.00	19.42 0.23 0.00	21.02 0.49 0.00	24.03 0.38 0.00	24.80 0.25 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.67 0.38 0.00	29.50 0.44 0.00	29.97 0.36 0.00	29.90 0.44 0.00	29.71 0.38 0.00	30.34 0.36 0.00	32.93 0.29 0.00	36.56 -0.15 0.00	32.33 0.23 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.59 0.24 0.00	23.28 0.23 0.00	21.96 0.37 0.00
GREENLWN_69_KV_BK 3 55738	23.16 1.26 -0.26	21.39 1.06 0.00	20.23 1.09 0.00	19.72 0.99 0.00	20.24 1.06 0.00	21.60 1.07 0.00	24.98 1.32 0.00	27.70 1.82 -1.33	28.23 2.03 -0.12	31.43 2.10 -2.38	32.74 2.02 -1.43	31.73 2.01 -0.66	34.85 2.04 -3.19	33.07 2.00 -1.61	32.30 2.02 -0.95	33.42 2.07 -1.37	34.94 2.32 0.01	44.86 2.68 -5.48	34.45 2.34 0.00	30.12 2.05 0.00	29.67 1.89 -1.49	28.75 1.68 -2.73	25.42 1.50 -0.88	22.89 1.30 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
GRISSOM___SOLAR 323813	23.51 1.86 0.00	22.08 1.75 0.00	20.71 1.57 0.00	20.26 1.54 0.00	20.86 1.67 0.00	22.38 1.85 0.00	25.91 2.25 0.00	26.91 2.36 0.00	28.58 2.50 0.00	29.46 2.51 0.00	32.16 2.87 0.00	31.86 2.79 0.00	32.37 2.75 0.00	32.26 2.80 0.00	32.29 2.96 0.00	33.28 3.30 0.00	36.45 3.82 0.00	40.92 4.22 0.00	36.11 4.01 0.00	31.38 3.31 0.00	29.31 3.02 0.00	27.04 2.70 0.00	25.33 2.28 0.00	23.71 2.12 0.00
GROVEVILLE___HYD 323602	22.41 0.76 0.00	21.02 0.69 0.00	19.81 0.67 0.00	19.36 0.64 0.00	19.82 0.63 0.00	21.15 0.62 0.00	24.44 0.78 0.00	25.56 1.01 0.00	27.25 1.17 0.00	28.16 1.21 0.00	30.55 1.26 0.00	30.29 1.22 0.00	30.89 1.27 0.00	30.67 1.21 0.00	30.59 1.26 0.00	31.33 1.35 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.64 1.54 0.00	29.36 1.29 0.00	27.42 1.13 0.00	25.36 1.02 0.00	23.83 0.78 0.00	22.28 0.69 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
HAMLTNNY_34_KV_TB 80303	21.58 -0.06 0.00	20.23 -0.10 0.00	19.02 -0.11 0.00	18.63 -0.09 0.00	19.09 -0.10 0.00	20.45 -0.08 0.00	23.51 -0.14 0.00	24.26 -0.29 0.00	25.79 -0.29 0.00	26.68 -0.27 0.00	29.05 -0.23 0.00	28.86 -0.20 0.00	29.35 -0.27 0.00	29.25 -0.21 0.00	29.09 -0.23 0.00	29.74 -0.24 0.00	32.34 -0.29 0.00	36.26 -0.44 0.00	31.72 -0.39 0.00	27.82 -0.25 0.00	26.05 -0.24 0.00	24.12 -0.22 0.00	22.93 -0.12 0.00	21.53 -0.06 0.00



HAMPSHIRE___PAPER_HYD 323593	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.08 -0.47 0.00	25.61 -0.47 0.00	26.47 -0.48 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.68 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.56 -0.49 0.00	21.12 -0.48 0.00
HARDSCRABBLE_WT_PWR 323673	21.50 -0.15 0.00	20.21 -0.12 0.00	19.06 -0.08 0.00	18.71 -0.02 0.00	19.17 -0.02 0.00	20.51 -0.02 0.00	23.68 0.02 0.00	24.60 0.05 0.00	26.16 0.08 0.00	27.06 0.11 0.00	29.41 0.12 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.64 0.18 0.00	29.53 0.21 0.00	30.22 0.24 0.00	32.89 0.26 0.00	37.00 0.29 0.00	32.33 0.23 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.10 0.05 0.00	21.63 0.04 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	22.23 0.58 0.00	20.88 0.55 0.00	19.67 0.54 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.02 0.49 0.00	24.25 0.59 0.00	25.41 0.86 0.00	27.07 0.99 0.00	27.97 1.02 0.00	30.31 1.03 0.00	30.05 0.99 0.00	30.62 1.01 0.00	30.43 0.97 0.00	30.35 1.03 0.00	31.06 1.08 0.00	33.87 1.24 0.00	38.17 1.47 0.00	33.39 1.28 0.00	29.16 1.09 0.00	27.24 0.95 0.00	25.17 0.83 0.00	23.67 0.62 0.00	22.13 0.54 0.00
HARSNRAD_115KV_TB1 81005	21.32 -0.32 0.00	19.91 -0.43 0.00	18.64 -0.50 0.00	18.28 -0.45 0.00	18.77 -0.42 0.00	20.04 -0.49 0.00	22.97 -0.69 0.00	23.59 -0.96 0.00	25.09 -0.99 0.00	25.85 -1.10 0.00	28.00 -1.29 0.00	27.99 -1.08 0.00	28.22 -1.39 0.00	28.25 -1.21 0.00	27.95 -1.38 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.10 -2.61 0.00	30.18 -1.93 0.00	26.81 -1.26 0.00	25.13 -1.16 0.00	23.25 -1.10 0.00	22.17 -0.88 0.00	21.20 -0.39 0.00
HARZA MOOSE___RIVER 24016	21.61 -0.04 0.00	20.29 -0.04 0.00	19.18 0.04 0.00	18.78 0.06 0.00	19.25 0.06 0.00	20.65 0.12 0.00	23.87 0.21 0.00	24.77 0.22 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.64 0.35 0.00	29.38 0.32 0.00	29.94 0.33 0.00	29.81 0.35 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.16 0.52 0.00	37.29 0.59 0.00	32.58 0.48 0.00	28.46 0.39 0.00	26.63 0.34 0.00	24.56 0.22 0.00	23.21 0.16 0.00	21.74 0.15 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	21.43 -0.22 0.00	20.09 -0.24 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	18.96 -0.23 0.00	20.30 -0.23 0.00	23.37 -0.28 0.00	24.11 -0.44 0.00	25.61 -0.47 0.00	26.49 -0.46 0.00	28.85 -0.44 0.00	28.60 -0.47 0.00	29.05 -0.56 0.00	28.93 -0.53 0.00	28.80 -0.53 0.00	29.41 -0.57 0.00	31.98 -0.65 0.00	35.90 -0.81 0.00	31.40 -0.71 0.00	27.56 -0.51 0.00	25.84 -0.45 0.00	23.93 -0.41 0.00	22.77 -0.28 0.00	21.37 -0.22 0.00
HELLGATE_13_KV_LD 55870	22.47 0.82 0.00	21.06 0.73 0.00	19.90 0.77 0.00	19.44 0.71 0.00	19.90 0.71 0.00	21.08 0.55 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.39 0.80 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	22.47 0.82 0.00	21.06 0.73 0.00	19.90 0.77 0.00	19.44 0.71 0.00	19.90 0.71 0.00	21.08 0.55 0.00	24.39 0.73 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.39 0.80 0.00
HEMPSTEAD____ 23647	22.95 1.04 -0.26	21.25 0.92 0.00	19.96 0.82 0.00	19.57 0.84 0.00	20.05 0.86 0.00	21.33 0.80 0.00	24.75 1.09 0.00	27.41 1.52 -1.33	27.95 1.75 -0.12	31.19 1.86 -2.38	32.73 1.96 -1.48	31.62 1.89 -0.67	34.73 1.92 -3.19	32.95 1.86 -1.63	32.35 1.88 -1.14	33.51 1.98 -1.55	34.88 2.25 0.00	44.72 2.53 -5.48	34.32 2.21 0.00	29.99 1.91 -0.01	29.49 1.71 -1.49	28.54 1.46 -2.73	25.19 1.27 -0.88	22.65 1.06 0.00
HEWLETT__69_KV_BK3 55828	23.05 1.15 -0.26	21.31 0.98 0.00	20.11 0.98 0.00	19.63 0.90 0.00	20.13 0.94 0.00	21.47 0.94 0.00	24.86 1.21 0.00	27.58 1.69 -1.33	28.10 1.90 -0.12	31.35 2.02 -2.38	32.88 2.11 -1.48	31.79 2.06 -0.67	34.94 2.13 -3.19	33.16 2.06 -1.63	32.55 2.08 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.97 2.79 -5.48	34.51 2.41 0.00	30.15 2.08 0.00	29.65 1.87 -1.49	28.68 1.61 -2.73	25.33 1.41 -0.88	22.78 1.19 0.00
HICKLING___1 23621	22.06 0.41 0.00	20.70 0.37 0.00	19.44 0.31 0.00	19.04 0.32 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.06 0.40 0.00	24.87 0.40 0.00	26.47 0.39 0.00	27.35 0.40 0.00	29.79 0.50 0.00	29.62 0.55 0.00	30.03 0.41 0.00	29.99 0.53 0.00	29.79 0.47 0.00	30.43 0.45 0.00	32.96 0.33 0.00	36.85 0.15 0.00	32.36 0.26 0.00	28.46 0.39 0.00	26.66 0.37 0.00	24.63 0.29 0.00	23.33 0.28 0.00	22.09 0.50 0.00
HICKLING___2 23622	22.06 0.41 0.00	20.70 0.37 0.00	19.44 0.31 0.00	19.04 0.32 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.06 0.40 0.00	24.87 0.40 0.00	26.47 0.39 0.00	27.35 0.40 0.00	29.79 0.50 0.00	29.62 0.55 0.00	30.03 0.41 0.00	29.99 0.53 0.00	29.79 0.47 0.00	30.43 0.45 0.00	32.96 0.33 0.00	36.85 0.15 0.00	32.36 0.26 0.00	28.46 0.39 0.00	26.66 0.37 0.00	24.63 0.29 0.00	23.33 0.28 0.00	22.09 0.50 0.00
HIGH FALLS___HY 23754	22.34 0.69 0.00	20.96 0.63 0.00	19.73 0.59 0.00	19.27 0.54 0.00	19.75 0.56 0.00	21.06 0.53 0.00	24.37 0.71 0.00	25.46 0.91 0.00	27.23 1.15 0.00	28.14 1.19 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.80 1.18 0.00	30.61 1.15 0.00	30.53 1.20 0.00	31.27 1.29 0.00	34.13 1.50 0.00	38.50 1.80 0.00	33.61 1.51 0.00	29.36 1.29 0.00	27.39 1.10 0.00	25.32 0.97 0.00	23.79 0.74 0.00	22.24 0.65 0.00
HILLBURN___GT 23639	22.19 0.54 0.00	20.88 0.55 0.00	19.62 0.48 0.00	19.23 0.51 0.00	19.69 0.50 0.00	20.94 0.41 0.00	24.25 0.59 0.00	25.43 0.88 0.00	27.12 1.04 0.00	28.06 1.11 0.00	30.37 1.08 0.00	30.08 1.02 0.00	30.62 1.01 0.00	30.43 0.97 0.00	30.35 1.03 0.00	31.06 1.08 0.00	33.90 1.27 0.00	38.21 1.51 0.00	33.42 1.32 0.00	29.19 1.12 0.00	27.26 0.97 0.00	25.19 0.85 0.00	23.72 0.67 0.00	22.13 0.54 0.00
HILLSIDE_115KV_TB1 80332	21.78 0.13 0.00	20.43 0.10 0.00	19.21 0.08 0.00	18.82 0.09 0.00	19.28 0.10 0.00	20.65 0.12 0.00	23.78 0.12 0.00	24.58 0.02 0.00	26.16 0.08 0.00	27.00 0.05 0.00	29.35 0.06 0.00	29.18 0.12 0.00	29.59 -0.03 0.00	29.52 0.06 0.00	29.35 0.03 0.00	29.98 0.00 0.00	32.50 -0.13 0.00	36.34 -0.37 0.00	31.94 -0.16 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.32 -0.02 0.00	23.05 0.00 0.00	21.81 0.22 0.00



HISHELDN_WT_PWR 323625	21.89 0.24 0.00	20.27 -0.06 0.00	19.33 0.19 0.00	18.65 -0.07 0.00	19.13 -0.06 0.00	20.82 0.29 0.00	23.66 0.00 0.00	24.23 -0.32 0.00	25.71 -0.37 0.00	26.52 -0.43 0.00	28.79 -0.50 0.00	28.72 -0.35 0.00	29.05 -0.56 0.00	29.05 -0.41 0.00	28.77 -0.56 0.00	29.38 -0.60 0.00	31.62 -1.01 0.00	35.20 -1.51 0.00	31.11 -1.00 0.00	27.53 -0.53 0.00	25.79 -0.50 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.63 0.04 0.00
HOLTSVILLE_IC_1 23690	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
HOLTSVILLE_IC_10 23699	23.36 1.45 -0.26	21.59 1.26 0.00	20.34 1.21 0.00	19.93 1.20 0.00	20.44 1.25 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.74 2.58 -1.87	32.30 2.53 -0.71	35.40 2.55 -3.23	33.80 2.50 -1.84	34.42 2.52 -2.57	35.57 2.61 -2.98	35.58 2.90 -0.04	45.56 3.37 -5.48	34.74 2.63 0.00	30.46 2.38 -0.01	29.96 2.18 -1.49	29.12 2.02 -2.76	25.58 1.66 -0.88	23.06 1.47 0.00
HOLTSVILLE_IC_2 23691	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
HOLTSVILLE_IC_3 23692	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
HOLTSVILLE_IC_4 23693	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
HOLTSVILLE_IC_5 23694	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
HOLTSVILLE_IC_6 23695	23.36 1.45 -0.26	21.59 1.26 0.00	20.34 1.21 0.00	19.93 1.20 0.00	20.44 1.25 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.74 2.58 -1.87	32.30 2.53 -0.71	35.40 2.55 -3.23	33.80 2.50 -1.84	34.42 2.52 -2.57	35.57 2.61 -2.98	35.58 2.90 -0.04	45.56 3.37 -5.48	34.74 2.63 0.00	30.46 2.38 -0.01	29.96 2.18 -1.49	29.12 2.02 -2.76	25.58 1.66 -0.88	23.06 1.47 0.00
HOLTSVILLE_IC_7 23696	23.36 1.45 -0.26	21.59 1.26 0.00	20.34 1.21 0.00	19.93 1.20 0.00	20.44 1.25 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.74 2.58 -1.87	32.30 2.53 -0.71	35.40 2.55 -3.23	33.80 2.50 -1.84	34.42 2.52 -2.57	35.57 2.61 -2.98	35.58 2.90 -0.04	45.56 3.37 -5.48	34.74 2.63 0.00	30.46 2.38 -0.01	29.96 2.18 -1.49	29.12 2.02 -2.76	25.58 1.66 -0.88	23.06 1.47 0.00
HOLTSVILLE_IC_8 23697	23.36 1.45 -0.26	21.59 1.26 0.00	20.34 1.21 0.00	19.93 1.20 0.00	20.44 1.25 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.74 2.58 -1.87	32.30 2.53 -0.71	35.40 2.55 -3.23	33.80 2.50 -1.84	34.42 2.52 -2.57	35.57 2.61 -2.98	35.58 2.90 -0.04	45.56 3.37 -5.48	34.74 2.63 0.00	30.46 2.38 -0.01	29.96 2.18 -1.49	29.12 2.02 -2.76	25.58 1.66 -0.88	23.06 1.47 0.00
HOLTSVILLE_IC_9 23698	23.36 1.45 -0.26	21.59 1.26 0.00	20.34 1.21 0.00	19.93 1.20 0.00	20.44 1.25 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.74 2.58 -1.87	32.30 2.53 -0.71	35.40 2.55 -3.23	33.80 2.50 -1.84	34.42 2.52 -2.57	35.57 2.61 -2.98	35.58 2.90 -0.04	45.56 3.37 -5.48	34.74 2.63 0.00	30.46 2.38 -0.01	29.96 2.18 -1.49	29.12 2.02 -2.76	25.58 1.66 -0.88	23.06 1.47 0.00
HOMER_HL_115KV_TB2 355744	22.26 0.61 0.00	20.86 0.53 0.00	19.56 0.42 0.00	19.18 0.45 0.00	19.69 0.50 0.00	21.04 0.51 0.00	24.27 0.62 0.00	25.02 0.47 0.00	26.63 0.55 0.00	27.44 0.49 0.00	29.73 0.44 0.00	29.67 0.61 0.00	29.97 0.36 0.00	29.96 0.50 0.00	29.68 0.35 0.00	30.31 0.33 0.00	32.67 0.03 0.00	36.45 -0.26 0.00	32.17 0.06 0.00	28.43 0.36 0.00	26.58 0.29 0.00	24.61 0.27 0.00	23.39 0.35 0.00	22.30 0.71 0.00
HOWARD_WT_PWR 323690	22.43 0.78 0.00	20.86 0.53 0.00	19.83 0.69 0.00	19.19 0.47 0.00	19.69 0.50 0.00	21.39 0.86 0.00	24.37 0.71 0.00	25.04 0.49 0.00	26.65 0.57 0.00	27.52 0.57 0.00	29.93 0.64 0.00	29.82 0.75 0.00	30.21 0.59 0.00	30.20 0.74 0.00	29.97 0.64 0.00	30.61 0.63 0.00	33.12 0.49 0.00	36.92 0.22 0.00	32.49 0.39 0.00	28.66 0.59 0.00	26.87 0.58 0.00	24.80 0.46 0.00	23.49 0.44 0.00	22.30 0.71 0.00
HQ_GEN_CEDARS 23644	21.82 0.17 0.00	20.51 0.18 0.00	19.31 0.17 0.00	18.88 0.15 0.00	19.36 0.17 0.00	20.74 0.21 0.00	23.89 0.24 0.00	24.85 0.29 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.67 0.38 0.00	29.50 0.44 0.00	30.15 0.53 0.00	29.99 0.53 0.00	29.76 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.63 0.29 0.00	23.28 0.23 0.00	21.79 0.19 0.00
HQ_GEN_CEDARS_PROXY 323590	21.82 0.17 0.00	20.51 0.18 0.00	19.31 0.17 0.00	18.89 0.17 0.00	19.36 0.17 0.00	20.71 0.18 0.00	23.89 0.24 0.00	24.85 0.30 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.67 0.38 0.00	29.50 0.44 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.77 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.64 0.29 0.00	23.28 0.23 0.00	21.78 0.19 0.00



HQ_GEN_IMPORT 323601	21.71 0.07 0.00	20.41 0.08 0.00	19.21 0.08 0.00	18.78 0.06 0.00	19.27 0.08 0.00	20.61 0.08 0.00	23.75 0.10 0.00	24.65 0.10 0.00	26.18 0.10 0.00	27.06 0.11 0.00	29.44 0.15 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.64 0.18 0.00	29.47 0.15 0.00	30.13 0.15 0.00	32.80 0.16 0.00	36.89 0.18 0.00	32.26 0.16 0.00	28.18 0.11 0.00	26.40 0.11 0.00	24.46 0.12 0.00	23.14 0.09 0.00	21.66 0.06 0.00
HQ_GEN_WHEEL 23651	21.71 0.07 0.00	20.41 0.08 0.00	19.21 0.08 0.00	18.78 0.06 0.00	19.27 0.08 0.00	20.61 0.08 0.00	23.75 0.10 0.00	24.65 0.10 0.00	26.18 0.10 0.00	27.06 0.11 0.00	29.44 0.15 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.64 0.18 0.00	29.47 0.15 0.00	30.13 0.15 0.00	32.80 0.16 0.00	36.89 0.18 0.00	32.26 0.16 0.00	28.18 0.11 0.00	26.40 0.11 0.00	24.46 0.12 0.00	23.14 0.09 0.00	21.66 0.06 0.00
HUDSON AVE_GT_3 23810	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.46 1.12 0.00	23.99 0.95 0.00	22.35 0.76 0.00
HUDSON AVE_GT_4 23540	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.46 1.12 0.00	23.99 0.95 0.00	22.35 0.76 0.00
HUDSON AVE_GT_5 23657	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.46 1.12 0.00	23.99 0.95 0.00	22.35 0.76 0.00
HUDSON_AVE_10 24168	22.28 0.63 0.00	20.90 0.57 0.00	19.73 0.59 0.00	19.29 0.56 0.00	19.75 0.56 0.00	21.04 0.51 0.00	24.41 0.76 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.60 1.31 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.30 0.71 0.00
HUDSON___115KV_TB 4 355613	22.34 0.69 0.00	21.02 0.69 0.00	19.79 0.65 0.00	19.38 0.66 0.00	19.84 0.65 0.00	21.23 0.70 0.00	24.39 0.73 0.00	25.36 0.81 0.00	26.78 0.70 0.00	27.62 0.67 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.17 0.71 0.00	30.12 0.79 0.00	30.85 0.87 0.00	33.58 0.95 0.00	37.88 1.17 0.00	33.16 1.06 0.00	28.88 0.81 0.00	27.03 0.74 0.00	25.10 0.75 0.00	23.60 0.55 0.00	22.07 0.47 0.00
HUNTER MOUNT___DRP 323613	22.49 0.84 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.35 0.82 0.00	24.53 0.88 0.00	25.41 0.86 0.00	26.81 0.73 0.00	27.62 0.67 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.36 0.74 0.00	30.17 0.71 0.00	30.15 0.82 0.00	30.91 0.93 0.00	33.64 1.01 0.00	37.95 1.25 0.00	33.23 1.12 0.00	28.94 0.87 0.00	27.05 0.76 0.00	25.17 0.83 0.00	23.65 0.60 0.00	22.13 0.54 0.00
HUNTINGTON_RES_REC 323705	23.29 1.39 -0.26	21.53 1.20 0.00	20.25 1.11 0.00	19.85 1.12 0.00	20.36 1.17 0.00	21.64 1.11 0.00	25.10 1.44 0.00	27.80 1.92 -1.33	28.36 2.16 -0.12	31.54 2.21 -2.38	32.79 2.20 -1.31	31.86 2.15 -0.65	34.95 2.16 -3.18	33.13 2.12 -1.54	31.98 2.14 -0.51	33.15 2.25 -0.92	35.13 2.51 0.02	45.12 2.94 -5.48	34.57 2.47 0.00	30.30 2.22 -0.01	29.83 2.05 -1.49	28.91 1.85 -2.72	25.54 1.61 -0.88	22.99 1.40 0.00
HUNTLEY___63 23557	21.54 -0.11 0.00	20.11 -0.22 0.00	18.83 -0.31 0.00	18.46 -0.26 0.00	18.94 -0.25 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.14 -0.81 0.00	28.35 -0.94 0.00	28.34 -0.73 0.00	28.52 -1.10 0.00	28.55 -0.91 0.00	28.21 -1.11 0.00	28.81 -1.17 0.00	30.94 -1.70 0.00	34.43 -2.28 0.00	30.47 -1.64 0.00	27.03 -1.04 0.00	25.34 -0.95 0.00	23.44 -0.90 0.00	22.36 -0.69 0.00	21.35 -0.24 0.00
HUNTLEY___64 23558	21.54 -0.11 0.00	20.11 -0.22 0.00	18.83 -0.31 0.00	18.46 -0.26 0.00	18.94 -0.25 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.14 -0.81 0.00	28.35 -0.94 0.00	28.34 -0.73 0.00	28.52 -1.10 0.00	28.55 -0.91 0.00	28.21 -1.11 0.00	28.81 -1.17 0.00	30.94 -1.70 0.00	34.43 -2.28 0.00	30.47 -1.64 0.00	27.03 -1.04 0.00	25.34 -0.95 0.00	23.44 -0.90 0.00	22.36 -0.69 0.00	21.35 -0.24 0.00
HUNTLEY___65 23559	21.54 -0.11 0.00	20.11 -0.22 0.00	18.83 -0.31 0.00	18.46 -0.26 0.00	18.94 -0.25 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.14 -0.81 0.00	28.35 -0.94 0.00	28.34 -0.73 0.00	28.52 -1.10 0.00	28.55 -0.91 0.00	28.21 -1.11 0.00	28.81 -1.17 0.00	30.94 -1.70 0.00	34.43 -2.28 0.00	30.47 -1.64 0.00	27.03 -1.04 0.00	25.34 -0.95 0.00	23.44 -0.90 0.00	22.36 -0.69 0.00	21.35 -0.24 0.00
HUNTLEY___66 23560	21.54 -0.11 0.00	20.11 -0.22 0.00	18.83 -0.31 0.00	18.46 -0.26 0.00	18.94 -0.25 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.14 -0.81 0.00	28.35 -0.94 0.00	28.34 -0.73 0.00	28.52 -1.10 0.00	28.55 -0.91 0.00	28.21 -1.11 0.00	28.81 -1.17 0.00	30.94 -1.70 0.00	34.43 -2.28 0.00	30.47 -1.64 0.00	27.03 -1.04 0.00	25.34 -0.95 0.00	23.44 -0.90 0.00	22.36 -0.69 0.00	21.35 -0.24 0.00
HUNTLEY___67 23561	21.43 -0.22 0.00	20.03 -0.30 0.00	18.75 -0.38 0.00	18.39 -0.34 0.00	18.86 -0.33 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.77 -0.79 0.00	25.24 -0.83 0.00	26.01 -0.94 0.00	28.20 -1.08 0.00	28.16 -0.90 0.00	28.43 -1.18 0.00	28.43 -1.03 0.00	28.15 -1.17 0.00	28.75 -1.23 0.00	30.90 -1.73 0.00	34.35 -2.35 0.00	30.40 -1.70 0.00	26.97 -1.09 0.00	25.29 -1.00 0.00	23.42 -0.93 0.00	22.33 -0.71 0.00	21.33 -0.26 0.00
HUNTLEY___68 23562	21.43 -0.22 0.00	20.03 -0.30 0.00	18.75 -0.38 0.00	18.39 -0.34 0.00	18.86 -0.33 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.77 -0.79 0.00	25.24 -0.83 0.00	26.01 -0.94 0.00	28.20 -1.08 0.00	28.16 -0.90 0.00	28.43 -1.18 0.00	28.43 -1.03 0.00	28.15 -1.17 0.00	28.75 -1.23 0.00	30.90 -1.73 0.00	34.35 -2.35 0.00	30.40 -1.70 0.00	26.97 -1.09 0.00	25.29 -1.00 0.00	23.42 -0.93 0.00	22.33 -0.71 0.00	21.33 -0.26 0.00



HYLAND___LFGE 323620	22.86 1.21 0.00	21.12 0.79 0.00	20.06 0.92 0.00	19.36 0.64 0.00	19.88 0.69 0.00	21.62 1.09 0.00	24.63 0.97 0.00	25.36 0.81 0.00	27.04 0.97 0.00	27.95 1.00 0.00	30.17 0.88 0.00	30.14 1.08 0.00	30.54 0.92 0.00	30.49 1.03 0.00	30.26 0.94 0.00	31.09 1.11 0.00	33.87 1.24 0.00	37.95 1.25 0.00	33.23 1.12 0.00	29.25 1.18 0.00	27.37 1.08 0.00	25.19 0.85 0.00	23.88 0.83 0.00	22.54 0.95 0.00
INDECK___CORINTH 23802	22.58 0.93 0.00	21.23 0.89 0.00	19.92 0.78 0.00	19.51 0.79 0.00	20.05 0.86 0.00	21.45 0.92 0.00	24.77 1.11 0.00	25.83 1.28 0.00	27.51 1.43 0.00	28.43 1.48 0.00	30.96 1.67 0.00	30.66 1.60 0.00	31.21 1.60 0.00	31.02 1.56 0.00	31.00 1.67 0.00	31.75 1.77 0.00	34.53 1.89 0.00	38.91 2.20 0.00	34.19 2.09 0.00	29.72 1.66 0.00	27.79 1.50 0.00	25.68 1.34 0.00	24.13 1.08 0.00	22.61 1.02 0.00
INDECK___ILION 23567	21.67 0.02 0.00	20.35 0.02 0.00	19.18 0.04 0.00	18.78 0.06 0.00	19.25 0.06 0.00	20.59 0.06 0.00	23.75 0.09 0.00	24.67 0.12 0.00	26.24 0.16 0.00	27.11 0.16 0.00	29.46 0.18 0.00	29.24 0.17 0.00	29.82 0.21 0.00	29.67 0.21 0.00	29.56 0.23 0.00	30.22 0.24 0.00	32.93 0.29 0.00	37.03 0.33 0.00	32.36 0.26 0.00	28.26 0.20 0.00	26.45 0.16 0.00	24.46 0.12 0.00	23.14 0.09 0.00	21.68 0.09 0.00
INDECK___OLEAN 23982	22.49 0.84 0.00	20.88 0.55 0.00	19.85 0.71 0.00	19.19 0.47 0.00	19.69 0.50 0.00	21.37 0.84 0.00	24.41 0.76 0.00	25.04 0.49 0.00	26.63 0.55 0.00	27.44 0.49 0.00	29.73 0.44 0.00	29.65 0.58 0.00	29.97 0.36 0.00	29.96 0.50 0.00	29.68 0.35 0.00	30.31 0.33 0.00	32.67 0.03 0.00	36.45 -0.26 0.00	32.17 0.06 0.00	28.43 0.36 0.00	26.58 0.29 0.00	24.61 0.27 0.00	23.40 0.35 0.00	22.30 0.71 0.00
INDECK___OSWEGO 23783	21.15 -0.50 0.00	19.82 -0.51 0.00	18.68 -0.46 0.00	18.26 -0.47 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.07 -0.59 0.00	23.82 -0.74 0.00	25.22 -0.86 0.00	26.09 -0.86 0.00	28.38 -0.91 0.00	28.16 -0.90 0.00	28.67 -0.95 0.00	28.55 -0.91 0.00	28.42 -0.91 0.00	29.05 -0.93 0.00	31.59 -1.05 0.00	35.49 -1.21 0.00	31.04 -1.06 0.00	27.20 -0.87 0.00	25.47 -0.82 0.00	23.59 -0.75 0.00	22.47 -0.58 0.00	21.07 -0.52 0.00
INDECK___YERKES 23781	21.80 0.15 0.00	20.13 -0.20 0.00	19.21 0.08 0.00	18.46 -0.26 0.00	18.96 -0.23 0.00	20.67 0.14 0.00	23.40 -0.26 0.00	23.94 -0.61 0.00	25.40 -0.68 0.00	26.17 -0.78 0.00	28.38 -0.91 0.00	28.37 -0.70 0.00	28.58 -1.04 0.00	28.61 -0.86 0.00	28.27 -1.05 0.00	28.87 -1.11 0.00	30.97 -1.66 0.00	34.46 -2.24 0.00	30.50 -1.60 0.00	27.06 -1.01 0.00	25.37 -0.92 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.37 -0.22 0.00
INDIAN POINT_GT_1 24139	22.21 0.56 0.00	20.86 0.53 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.27 0.62 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.14 1.19 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.83 1.21 0.00	30.61 1.15 0.00	30.50 1.17 0.00	31.21 1.23 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.55 1.44 0.00	29.28 1.21 0.00	27.37 1.08 0.00	25.24 0.90 0.00	23.76 0.71 0.00	22.17 0.58 0.00
INDIAN POINT_GT_2 23659	22.21 0.56 0.00	20.86 0.53 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.27 0.62 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.14 1.19 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.83 1.21 0.00	30.61 1.15 0.00	30.50 1.17 0.00	31.21 1.23 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.55 1.44 0.00	29.28 1.21 0.00	27.37 1.08 0.00	25.24 0.90 0.00	23.76 0.71 0.00	22.17 0.58 0.00
INDIAN POINT_GT_3 24019	22.21 0.56 0.00	20.86 0.53 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.27 0.62 0.00	25.51 0.96 0.00	27.20 1.12 0.00	28.14 1.19 0.00	30.49 1.20 0.00	30.23 1.16 0.00	30.83 1.21 0.00	30.61 1.15 0.00	30.50 1.17 0.00	31.21 1.23 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.55 1.44 0.00	29.28 1.21 0.00	27.37 1.08 0.00	25.24 0.90 0.00	23.76 0.71 0.00	22.17 0.58 0.00
INDIAN POINT___2 23530	22.19 0.54 0.00	20.86 0.53 0.00	19.60 0.46 0.00	19.23 0.51 0.00	19.69 0.50 0.00	20.94 0.41 0.00	24.25 0.59 0.00	25.43 0.88 0.00	27.15 1.07 0.00	28.08 1.13 0.00	30.40 1.11 0.00	30.14 1.08 0.00	30.68 1.06 0.00	30.49 1.03 0.00	30.38 1.05 0.00	31.09 1.11 0.00	33.94 1.31 0.00	38.24 1.54 0.00	33.45 1.35 0.00	29.22 1.15 0.00	27.29 1.00 0.00	25.19 0.85 0.00	23.72 0.67 0.00	22.13 0.54 0.00
INDIAN POINT___3 23531	22.19 0.54 0.00	20.84 0.51 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.34 0.69 0.00	25.61 1.06 0.00	27.30 1.23 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.92 1.30 0.00	30.73 1.27 0.00	30.62 1.29 0.00	31.30 1.32 0.00	34.13 1.50 0.00	38.47 1.76 0.00	33.64 1.54 0.00	29.36 1.29 0.00	27.45 1.16 0.00	25.32 0.97 0.00	23.83 0.78 0.00	22.24 0.65 0.00
INGHAM_C_115KV_TB7 356103	21.54 -0.11 0.00	20.25 -0.08 0.00	19.08 -0.06 0.00	18.73 0.00 0.00	19.19 0.00 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.63 0.07 0.00	26.16 0.08 0.00	27.03 0.08 0.00	29.41 0.12 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.64 0.18 0.00	29.53 0.21 0.00	30.19 0.21 0.00	32.89 0.26 0.00	37.00 0.29 0.00	32.33 0.22 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.10 0.05 0.00	21.63 0.04 0.00
IP CORINTH___1 23988	22.60 0.95 0.00	21.21 0.87 0.00	19.94 0.80 0.00	19.53 0.81 0.00	20.05 0.86 0.00	21.50 0.96 0.00	24.79 1.14 0.00	25.85 1.30 0.00	27.51 1.43 0.00	28.43 1.48 0.00	30.96 1.67 0.00	30.66 1.60 0.00	31.22 1.60 0.00	31.05 1.59 0.00	31.03 1.70 0.00	31.75 1.77 0.00	34.53 1.89 0.00	38.91 2.20 0.00	34.19 2.09 0.00	29.72 1.66 0.00	27.79 1.50 0.00	25.68 1.34 0.00	24.13 1.08 0.00	22.61 1.01 0.00
IP___TICONDEROGA 23804	23.27 1.62 0.00	21.82 1.48 0.00	20.48 1.34 0.00	20.06 1.33 0.00	20.63 1.44 0.00	22.13 1.60 0.00	25.55 1.89 0.00	26.69 2.14 0.00	28.43 2.35 0.00	29.38 2.43 0.00	32.10 2.81 0.00	31.77 2.70 0.00	32.31 2.70 0.00	32.14 2.68 0.00	32.17 2.84 0.00	32.95 2.97 0.00	35.77 3.13 0.00	40.23 3.52 0.00	35.51 3.40 0.00	30.76 2.69 0.00	28.73 2.44 0.00	26.53 2.19 0.00	24.85 1.80 0.00	23.32 1.73 0.00
ISLIP_RES_REC 323679	23.47 1.56 -0.26	21.67 1.34 0.00	20.42 1.28 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.78 1.25 0.00	25.29 1.63 0.00	27.97 2.09 -1.33	28.55 2.35 -0.12	31.78 2.45 -2.38	33.84 2.72 -1.83	32.44 2.67 -0.70	35.57 2.72 -3.23	33.93 2.65 -1.82	34.41 2.67 -2.41	35.60 2.79 -2.83	35.80 3.13 -0.04	45.78 3.60 -5.48	34.93 2.83 0.00	30.63 2.55 -0.01	30.12 2.34 -1.49	29.24 2.14 -2.76	25.70 1.77 -0.88	23.15 1.56 0.00



JAMAICA__27_KV_LOAD 355505	22.39 0.74 0.00	20.98 0.65 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.15 0.62 0.00	24.60 0.95 0.00	25.95 1.40 0.00	27.72 1.64 0.00	28.73 1.78 0.00	31.07 1.79 0.00	30.81 1.74 0.00	31.42 1.81 0.00	31.26 1.80 0.00	31.11 1.79 0.00	31.81 1.83 0.00	34.75 2.12 0.00	39.05 2.35 0.00	34.22 2.12 0.00	29.89 1.82 0.00	27.87 1.58 0.00	25.63 1.29 0.00	24.16 1.11 0.00	22.43 0.84 0.00
JANIS__SOLAR 323808	22.75 1.10 0.00	21.27 0.94 0.00	20.04 0.90 0.00	19.57 0.84 0.00	20.05 0.86 0.00	21.62 1.09 0.00	24.91 1.25 0.00	25.80 1.25 0.00	27.43 1.36 0.00	28.32 1.37 0.00	30.81 1.52 0.00	30.63 1.57 0.00	31.21 1.60 0.00	31.11 1.65 0.00	30.94 1.61 0.00	31.69 1.71 0.00	34.66 2.02 0.00	38.87 2.16 0.00	33.96 1.86 0.00	29.72 1.66 0.00	27.81 1.52 0.00	25.61 1.27 0.00	24.18 1.13 0.00	22.73 1.14 0.00
JARVIS____ 23743	21.65 0.00 0.00	20.33 0.00 0.00	19.14 0.00 0.00	18.75 0.02 0.00	19.21 0.02 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.60 0.05 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.35 0.06 0.00	29.12 0.06 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.85 0.15 0.00	32.20 0.10 0.00	28.15 0.08 0.00	26.34 0.05 0.00	24.39 0.05 0.00	23.07 0.02 0.00	21.61 0.02 0.00
JENNISON____1 23625	22.80 1.15 0.00	21.35 1.02 0.00	20.04 0.90 0.00	19.63 0.90 0.00	20.11 0.92 0.00	21.56 1.03 0.00	24.98 1.32 0.00	25.95 1.40 0.00	27.70 1.62 0.00	28.65 1.70 0.00	31.22 1.93 0.00	31.04 1.98 0.00	31.60 1.98 0.00	31.49 2.03 0.00	31.32 1.99 0.00	31.99 2.01 0.00	34.88 2.25 0.00	39.09 2.39 0.00	34.19 2.09 0.00	29.89 1.82 0.00	27.95 1.66 0.00	25.73 1.39 0.00	24.27 1.22 0.00	22.82 1.23 0.00
JENNISON____2 23626	22.80 1.15 0.00	21.35 1.02 0.00	20.04 0.90 0.00	19.63 0.90 0.00	20.11 0.92 0.00	21.56 1.03 0.00	24.98 1.32 0.00	25.95 1.40 0.00	27.70 1.62 0.00	28.65 1.70 0.00	31.22 1.93 0.00	31.04 1.98 0.00	31.60 1.98 0.00	31.49 2.03 0.00	31.32 1.99 0.00	31.99 2.01 0.00	34.88 2.25 0.00	39.09 2.39 0.00	34.19 2.09 0.00	29.89 1.82 0.00	27.95 1.66 0.00	25.73 1.39 0.00	24.27 1.22 0.00	22.82 1.23 0.00
JERICOHO_RISE_WT_PWR 323719	22.04 0.39 0.00	20.72 0.39 0.00	19.50 0.36 0.00	19.06 0.34 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.13 0.47 0.00	25.04 0.49 0.00	26.60 0.52 0.00	27.46 0.51 0.00	29.90 0.62 0.00	29.70 0.64 0.00	30.36 0.74 0.00	30.20 0.74 0.00	29.97 0.64 0.00	30.67 0.69 0.00	33.32 0.69 0.00	37.51 0.81 0.00	32.81 0.71 0.00	28.69 0.62 0.00	26.87 0.58 0.00	24.85 0.51 0.00	23.51 0.46 0.00	21.98 0.39 0.00
KATONAH__115KV_46KV_TB4 355592	22.36 0.71 0.00	21.00 0.67 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.39 0.73 0.00	25.66 1.10 0.00	27.38 1.30 0.00	28.35 1.40 0.00	30.75 1.46 0.00	30.46 1.40 0.00	31.07 1.45 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.48 1.50 0.00	34.33 1.70 0.00	38.72 2.02 0.00	33.77 1.67 0.00	29.44 1.38 0.00	27.55 1.26 0.00	25.41 1.07 0.00	23.90 0.85 0.00	22.30 0.71 0.00
KCE_NY_1 323755	22.47 0.82 0.00	21.12 0.79 0.00	19.83 0.69 0.00	19.44 0.71 0.00	19.96 0.77 0.00	21.33 0.80 0.00	24.60 0.95 0.00	25.61 1.05 0.00	27.28 1.20 0.00	28.19 1.24 0.00	30.67 1.38 0.00	30.37 1.31 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.67 1.35 0.00	31.42 1.44 0.00	34.20 1.57 0.00	38.54 1.83 0.00	33.77 1.67 0.00	29.42 1.35 0.00	27.55 1.26 0.00	25.49 1.14 0.00	23.97 0.92 0.00	22.46 0.86 0.00
KCE_NY_6_ESR 323823	22.04 0.39 0.00	20.37 0.04 0.00	19.42 0.29 0.00	18.71 -0.02 0.00	19.21 0.02 0.00	20.92 0.39 0.00	23.73 0.07 0.00	24.28 -0.27 0.00	25.79 -0.29 0.00	26.57 -0.38 0.00	28.82 -0.47 0.00	28.77 -0.29 0.00	29.08 -0.53 0.00	29.11 -0.35 0.00	28.77 -0.56 0.00	29.41 -0.57 0.00	31.59 -1.05 0.00	35.16 -1.54 0.00	31.07 -1.03 0.00	27.56 -0.50 0.00	25.82 -0.47 0.00	23.88 -0.46 0.00	22.75 -0.30 0.00	21.72 0.13 0.00
KEDC_PORT_JEFF_GT2 24210	23.34 1.43 -0.26	21.57 1.24 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.66 1.13 0.00	25.15 1.49 0.00	27.82 1.94 -1.33	28.36 2.16 -0.12	31.59 2.26 -2.38	33.72 2.52 -1.91	32.24 2.47 -0.71	35.34 2.49 -3.24	33.76 2.44 -1.86	34.52 2.46 -2.73	35.71 2.58 -3.15	35.52 2.84 -0.04	45.49 3.30 -5.48	34.67 2.57 0.00	30.41 2.33 -0.01	29.91 2.13 -1.49	29.08 1.97 -2.77	25.56 1.64 -0.88	23.02 1.42 0.00
KEDC_PORT_JEFF_GT3 24211	23.34 1.43 -0.26	21.57 1.24 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.66 1.13 0.00	25.15 1.49 0.00	27.82 1.94 -1.33	28.36 2.16 -0.12	31.59 2.26 -2.38	33.72 2.52 -1.91	32.24 2.47 -0.71	35.34 2.49 -3.24	33.76 2.44 -1.86	34.52 2.46 -2.73	35.71 2.58 -3.15	35.52 2.84 -0.04	45.49 3.30 -5.48	34.67 2.57 0.00	30.41 2.33 -0.01	29.91 2.13 -1.49	29.08 1.97 -2.77	25.56 1.64 -0.88	23.02 1.42 0.00
KEDC_GLWD_GT4 24219	23.03 1.13 -0.26	21.33 1.00 0.00	20.04 0.90 0.00	19.64 0.92 0.00	20.13 0.94 0.00	21.41 0.88 0.00	24.84 1.18 0.00	27.53 1.65 -1.33	28.05 1.85 -0.12	31.32 1.99 -2.38	32.88 2.11 -1.48	31.76 2.03 -0.67	34.88 2.07 -3.19	33.10 2.00 -1.63	32.49 2.02 -1.14	33.63 2.10 -1.55	35.01 2.38 0.00	44.79 2.61 -5.48	34.44 2.34 0.00	30.13 2.05 -0.01	29.59 1.81 -1.49	28.66 1.58 -2.73	25.28 1.36 -0.88	22.73 1.14 0.00
KEDC_GLWD_GT5 24220	23.03 1.13 -0.26	21.33 1.00 0.00	20.04 0.90 0.00	19.64 0.92 0.00	20.13 0.94 0.00	21.41 0.88 0.00	24.84 1.18 0.00	27.53 1.65 -1.33	28.05 1.85 -0.12	31.32 1.99 -2.38	32.88 2.11 -1.48	31.76 2.03 -0.67	34.88 2.07 -3.19	33.10 2.00 -1.63	32.49 2.02 -1.14	33.63 2.10 -1.55	35.01 2.38 0.00	44.79 2.61 -5.48	34.44 2.34 0.00	30.13 2.05 -0.01	29.59 1.81 -1.49	28.66 1.58 -2.73	25.28 1.36 -0.88	22.73 1.14 0.00
KENSICO____ 23655	22.26 0.61 0.00	20.90 0.57 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.30 1.35 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.88 0.83 0.00	22.28 0.69 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	22.36 0.71 0.00	20.98 0.65 0.00	19.75 0.61 0.00	19.29 0.56 0.00	19.76 0.58 0.00	21.08 0.55 0.00	24.39 0.73 0.00	25.46 0.91 0.00	27.20 1.12 0.00	28.11 1.16 0.00	30.46 1.17 0.00	30.20 1.13 0.00	30.77 1.16 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.24 1.26 0.00	34.13 1.50 0.00	38.47 1.76 0.00	33.61 1.51 0.00	29.33 1.26 0.00	27.39 1.10 0.00	25.34 1.00 0.00	23.79 0.74 0.00	22.24 0.65 0.00



KIAC_JFK_GT1 23816	22.32 0.67 0.00	20.92 0.59 0.00	19.75 0.61 0.00	19.29 0.56 0.00	19.75 0.56 0.00	21.08 0.55 0.00	24.53 0.88 0.00	25.88 1.33 0.00	27.64 1.56 0.00	28.65 1.70 0.00	30.99 1.70 0.00	30.72 1.66 0.00	31.33 1.72 0.00	31.14 1.68 0.00	31.03 1.70 0.00	31.69 1.71 0.00	34.62 1.99 0.00	38.94 2.24 0.00	34.12 2.02 0.00	29.81 1.74 0.00	27.76 1.47 0.00	25.56 1.22 0.00	24.09 1.04 0.00	22.37 0.78 0.00
KIAC_JFK_GT2 23817	22.32 0.67 0.00	20.92 0.59 0.00	19.75 0.61 0.00	19.29 0.56 0.00	19.75 0.56 0.00	21.08 0.55 0.00	24.53 0.88 0.00	25.88 1.33 0.00	27.64 1.56 0.00	28.65 1.70 0.00	30.99 1.70 0.00	30.72 1.66 0.00	31.33 1.72 0.00	31.14 1.68 0.00	31.03 1.70 0.00	31.69 1.71 0.00	34.62 1.99 0.00	38.94 2.24 0.00	34.12 2.02 0.00	29.81 1.74 0.00	27.76 1.47 0.00	25.56 1.22 0.00	24.09 1.04 0.00	22.37 0.78 0.00
KIAC_JFK____ 323774	22.32 0.67 0.00	20.96 0.63 0.00	19.69 0.56 0.00	19.34 0.62 0.00	19.76 0.58 0.00	21.04 0.51 0.00	24.53 0.88 0.00	25.88 1.32 0.00	27.62 1.54 0.00	28.65 1.70 0.00	30.99 1.70 0.00	30.69 1.63 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.69 1.71 0.00	34.62 1.99 0.00	38.94 2.24 0.00	34.13 2.02 0.00	29.81 1.74 0.00	27.76 1.47 0.00	25.56 1.22 0.00	24.09 1.04 0.00	22.37 0.78 0.00
KINTIGH____ 23543	21.13 -0.52 0.00	19.74 -0.59 0.00	18.51 -0.63 0.00	18.15 -0.58 0.00	18.61 -0.58 0.00	19.89 -0.64 0.00	22.83 -0.83 0.00	23.50 -1.06 0.00	24.96 -1.12 0.00	25.71 -1.24 0.00	27.88 -1.41 0.00	27.81 -1.25 0.00	28.14 -1.48 0.00	28.11 -1.36 0.00	27.86 -1.47 0.00	28.45 -1.53 0.00	30.64 -1.99 0.00	34.13 -2.57 0.00	30.14 -1.96 0.00	26.69 -1.38 0.00	25.03 -1.26 0.00	23.15 -1.19 0.00	22.08 -0.97 0.00	21.03 -0.56 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	22.45 0.80 0.00	21.12 0.79 0.00	19.86 0.73 0.00	19.40 0.67 0.00	19.92 0.73 0.00	21.35 0.82 0.00	24.63 0.97 0.00	25.58 1.03 0.00	27.15 1.07 0.00	28.03 1.08 0.00	30.52 1.23 0.00	30.34 1.28 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.51 1.41 0.00	29.30 1.24 0.00	27.45 1.16 0.00	25.36 1.02 0.00	23.97 0.92 0.00	22.41 0.82 0.00
LACHUTE____HYDRO 323717	23.25 1.60 0.00	21.82 1.48 0.00	20.46 1.32 0.00	20.04 1.31 0.00	20.63 1.44 0.00	22.09 1.56 0.00	25.55 1.89 0.00	26.64 2.09 0.00	28.40 2.32 0.00	29.38 2.43 0.00	32.10 2.81 0.00	31.77 2.70 0.00	32.28 2.67 0.00	32.11 2.65 0.00	32.14 2.82 0.00	32.95 2.97 0.00	35.77 3.13 0.00	40.23 3.52 0.00	35.50 3.40 0.00	30.76 2.69 0.00	28.74 2.45 0.00	26.53 2.19 0.00	24.85 1.80 0.00	23.32 1.73 0.00
LAWRNCV_115KV_TB1 80681	21.39 -0.26 0.00	20.11 -0.22 0.00	18.95 -0.19 0.00	18.52 -0.21 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.49 -0.17 0.00	24.43 -0.12 0.00	25.97 -0.10 0.00	26.84 -0.11 0.00	29.23 -0.06 0.00	29.04 -0.03 0.00	29.70 0.09 0.00	29.55 0.09 0.00	29.33 0.00 0.00	29.98 0.00 0.00	32.60 -0.03 0.00	36.70 0.00 0.00	32.04 -0.06 0.00	28.01 -0.06 0.00	26.21 -0.08 0.00	24.25 -0.10 0.00	22.89 -0.16 0.00	21.40 -0.19 0.00
LEDERLE____ 23769	22.26 0.61 0.00	20.90 0.57 0.00	19.69 0.55 0.00	19.25 0.52 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.39 0.73 0.00	25.61 1.06 0.00	27.30 1.23 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.92 1.30 0.00	30.73 1.27 0.00	30.62 1.29 0.00	31.30 1.32 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.39 1.32 0.00	27.45 1.16 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
LIGHTHSE_115KV_TB6 355974	21.09 -0.56 0.00	19.78 -0.55 0.00	18.62 -0.52 0.00	18.24 -0.49 0.00	18.69 -0.50 0.00	20.02 -0.51 0.00	23.09 -0.57 0.00	23.84 -0.71 0.00	25.32 -0.76 0.00	26.20 -0.75 0.00	28.53 -0.76 0.00	28.28 -0.78 0.00	28.79 -0.83 0.00	28.66 -0.80 0.00	28.53 -0.79 0.00	29.17 -0.81 0.00	31.85 -0.78 0.00	35.79 -0.92 0.00	31.27 -0.83 0.00	27.37 -0.70 0.00	25.63 -0.66 0.00	23.69 -0.66 0.00	22.50 -0.55 0.00	21.09 -0.50 0.00
LINDEN COGEN____ 23786	22.19 0.54 0.00	20.86 0.53 0.00	19.62 0.48 0.00	19.27 0.54 0.00	19.69 0.50 0.00	20.90 0.37 0.00	24.32 0.66 0.00	25.63 1.08 0.00	27.36 1.28 0.00	28.35 1.40 0.00	30.67 1.38 0.00	30.40 1.34 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.65 1.32 0.00	31.33 1.35 0.00	34.23 1.60 0.00	38.47 1.76 0.00	33.71 1.60 0.00	29.44 1.38 0.00	27.47 1.18 0.00	25.32 0.97 0.00	23.86 0.81 0.00	22.22 0.63 0.00
LINDHRST_69_KV_BK1 356055	23.31 1.41 -0.26	21.51 1.18 0.00	20.34 1.21 0.00	19.83 1.10 0.00	20.36 1.17 0.00	21.72 1.19 0.00	25.12 1.47 0.00	27.87 1.99 -1.33	28.42 2.22 -0.12	31.65 2.32 -2.38	33.22 2.43 -1.50	32.15 2.41 -0.67	35.30 2.49 -3.20	33.52 2.42 -1.65	32.99 2.43 -1.23	34.14 2.52 -1.64	35.54 2.90 0.00	45.56 3.38 -5.48	34.90 2.79 0.00	30.54 2.47 0.00	29.99 2.21 -1.49	29.00 1.92 -2.74	25.58 1.66 -0.88	23.02 1.42 0.00
LIPA_MISC_IPP 23656	23.34 1.43 -0.26	21.51 1.18 0.00	20.40 1.26 0.00	19.87 1.14 0.00	20.40 1.21 0.00	21.72 1.19 0.00	25.12 1.47 0.00	27.80 1.92 -1.33	28.34 2.14 -0.12	31.51 2.18 -2.38	33.69 2.52 -1.89	32.24 2.47 -0.71	35.40 2.55 -3.24	33.81 2.50 -1.85	34.44 2.49 -2.62	35.60 2.58 -3.04	35.45 2.77 -0.04	45.34 3.16 -5.48	34.48 2.38 0.00	30.29 2.22 0.00	29.86 2.08 -1.49	29.08 1.97 -2.76	25.51 1.59 -0.88	23.02 1.42 0.00
LISF__SOLAR 323691	23.38 1.47 -0.26	21.59 1.26 0.00	20.36 1.23 0.00	19.94 1.22 0.00	20.46 1.27 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.80 1.92 -1.33	28.36 2.16 -0.12	31.54 2.21 -2.38	33.75 2.58 -1.88	32.27 2.50 -0.71	35.40 2.55 -3.24	33.81 2.50 -1.84	34.46 2.52 -2.61	35.62 2.61 -3.03	35.51 2.84 -0.04	45.45 3.27 -5.48	34.54 2.44 0.00	30.35 2.27 -0.01	29.88 2.10 -1.49	29.13 2.02 -2.76	25.54 1.61 -0.88	23.06 1.47 0.00
LITTLE FALLS____HYD 24013	21.54 -0.11 0.00	20.25 -0.08 0.00	19.08 -0.06 0.00	18.73 0.00 0.00	19.19 0.00 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.63 0.07 0.00	26.16 0.08 0.00	27.03 0.08 0.00	29.41 0.12 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.64 0.18 0.00	29.53 0.21 0.00	30.19 0.21 0.00	32.89 0.26 0.00	37.00 0.29 0.00	32.33 0.22 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.44 0.10 0.00	23.10 0.05 0.00	21.63 0.04 0.00
LITTLRIV_115KV_TB1 356100	21.58 -0.06 0.00	20.29 -0.04 0.00	19.10 -0.04 0.00	18.67 -0.06 0.00	19.15 -0.04 0.00	20.53 0.00 0.00	23.73 0.07 0.00	24.72 0.17 0.00	26.29 0.21 0.00	27.19 0.24 0.00	29.64 0.35 0.00	29.44 0.38 0.00	30.15 0.53 0.00	30.02 0.56 0.00	29.79 0.47 0.00	30.43 0.45 0.00	33.02 0.39 0.00	37.18 0.48 0.00	32.46 0.35 0.00	28.35 0.28 0.00	26.53 0.24 0.00	24.51 0.17 0.00	23.12 0.07 0.00	21.61 0.02 0.00



LI_NEWBRDGE___DRP 323616	22.84 0.93 -0.26	21.12 0.79 0.00	19.96 0.82 0.00	19.48 0.75 0.00	19.98 0.79 0.00	21.31 0.78 0.00	24.65 0.99 0.00	27.33 1.45 -1.33	27.84 1.64 -0.12	31.08 1.75 -2.38	32.55 1.79 -1.48	31.47 1.74 -0.67	34.62 1.81 -3.19	32.83 1.74 -1.63	32.23 1.76 -1.14	33.36 1.83 -1.55	34.69 2.06 0.00	44.53 2.35 -5.48	34.12 2.02 0.00	29.84 1.77 0.00	29.36 1.58 -1.49	28.44 1.36 -2.73	25.10 1.18 -0.88	22.56 0.97 0.00
LOCKPORT_115KV_TB60_63_64 80432	21.32 -0.32 0.00	19.88 -0.45 0.00	18.62 -0.52 0.00	18.26 -0.47 0.00	18.75 -0.44 0.00	20.02 -0.51 0.00	22.95 -0.71 0.00	23.59 -0.96 0.00	25.09 -0.99 0.00	25.85 -1.10 0.00	28.00 -1.29 0.00	27.99 -1.08 0.00	28.22 -1.39 0.00	28.25 -1.21 0.00	27.95 -1.38 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.13 -2.57 0.00	30.18 -1.93 0.00	26.78 -1.29 0.00	25.13 -1.16 0.00	23.22 -1.12 0.00	22.17 -0.88 0.00	21.18 -0.41 0.00
LOCKPORT___CC1 323769	21.56 -0.09 0.00	19.88 -0.45 0.00	19.00 -0.13 0.00	18.28 -0.45 0.00	18.75 -0.44 0.00	20.47 -0.06 0.00	23.16 -0.50 0.00	23.64 -0.91 0.00	25.09 -0.99 0.00	25.84 -1.11 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.28 -1.33 0.00	28.28 -1.18 0.00	27.98 -1.35 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.13 -2.57 0.00	30.18 -1.93 0.00	26.81 -1.26 0.00	25.13 -1.16 0.00	23.25 -1.09 0.00	22.17 -0.88 0.00	21.20 -0.39 0.00
LOCKPORT___CC2 323770	21.56 -0.09 0.00	19.88 -0.45 0.00	19.00 -0.13 0.00	18.28 -0.45 0.00	18.75 -0.44 0.00	20.47 -0.06 0.00	23.16 -0.50 0.00	23.64 -0.91 0.00	25.09 -0.99 0.00	25.84 -1.11 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.28 -1.33 0.00	28.28 -1.18 0.00	27.98 -1.35 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.13 -2.57 0.00	30.18 -1.93 0.00	26.81 -1.26 0.00	25.13 -1.16 0.00	23.25 -1.09 0.00	22.17 -0.88 0.00	21.20 -0.39 0.00
LOCKPORT___CC3 323771	21.56 -0.09 0.00	19.88 -0.45 0.00	19.00 -0.13 0.00	18.28 -0.45 0.00	18.75 -0.44 0.00	20.47 -0.06 0.00	23.16 -0.50 0.00	23.64 -0.91 0.00	25.09 -0.99 0.00	25.84 -1.11 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.28 -1.33 0.00	28.28 -1.18 0.00	27.98 -1.35 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.13 -2.57 0.00	30.18 -1.93 0.00	26.81 -1.26 0.00	25.13 -1.16 0.00	23.25 -1.09 0.00	22.17 -0.88 0.00	21.20 -0.39 0.00
LONG_LAKE_PHOENIX 24014	21.22 -0.43 0.00	19.91 -0.43 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.77 -0.42 0.00	20.10 -0.43 0.00	23.11 -0.54 0.00	23.84 -0.71 0.00	25.30 -0.78 0.00	26.20 -0.75 0.00	28.50 -0.79 0.00	28.28 -0.78 0.00	28.76 -0.86 0.00	28.66 -0.80 0.00	28.53 -0.79 0.00	29.14 -0.84 0.00	31.72 -0.91 0.00	35.60 -1.10 0.00	31.14 -0.96 0.00	27.28 -0.79 0.00	25.58 -0.71 0.00	23.69 -0.66 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00
LOVETT___3 23632	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.61 1.32 0.00	30.34 1.28 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.64 1.32 0.00	31.33 1.35 0.00	34.20 1.57 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
LOVETT___4 23642	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.61 1.32 0.00	30.34 1.28 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.64 1.32 0.00	31.33 1.35 0.00	34.20 1.57 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
LOVETT___5 23593	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.37 0.71 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.61 1.32 0.00	30.34 1.28 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.64 1.32 0.00	31.33 1.35 0.00	34.20 1.57 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.42 1.35 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
LOWER RAQUET___HYD 24057	21.26 -0.39 0.00	19.99 -0.35 0.00	18.81 -0.33 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.20 -0.33 0.00	23.35 -0.31 0.00	24.31 -0.25 0.00	25.84 -0.24 0.00	26.68 -0.27 0.00	29.08 -0.20 0.00	28.89 -0.17 0.00	29.56 -0.06 0.00	29.40 -0.06 0.00	29.18 -0.15 0.00	29.83 -0.15 0.00	32.44 -0.19 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.12 -0.22 0.00	22.75 -0.30 0.00	21.27 -0.32 0.00
LOWER___HUDSON 24059	22.06 0.41 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.18 0.52 0.00	25.17 0.61 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.14 0.68 0.00	30.03 0.70 0.00	30.73 0.75 0.00	33.51 0.88 0.00	37.84 1.14 0.00	33.06 0.96 0.00	28.83 0.76 0.00	27.02 0.74 0.00	25.05 0.71 0.00	23.56 0.51 0.00	22.04 0.45 0.00
LOWVILLE_115KV_TB2 356335	21.32 -0.32 0.00	20.05 -0.28 0.00	19.00 -0.13 0.00	18.61 -0.11 0.00	19.07 -0.12 0.00	20.47 -0.06 0.00	23.68 0.02 0.00	24.58 0.02 0.00	26.13 0.05 0.00	26.98 0.03 0.00	29.38 0.09 0.00	29.12 0.06 0.00	29.68 0.06 0.00	29.55 0.09 0.00	29.41 0.09 0.00	30.10 0.12 0.00	32.93 0.29 0.00	37.07 0.37 0.00	32.36 0.26 0.00	28.26 0.20 0.00	26.45 0.16 0.00	24.39 0.05 0.00	23.03 -0.02 0.00	21.55 -0.04 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	22.47 0.82 0.00	21.10 0.77 0.00	19.86 0.73 0.00	19.44 0.71 0.00	19.94 0.75 0.00	21.35 0.82 0.00	24.60 0.95 0.00	25.66 1.10 0.00	27.28 1.20 0.00	28.16 1.21 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.70 1.38 0.00	31.42 1.44 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.74 1.64 0.00	29.39 1.32 0.00	27.53 1.24 0.00	25.46 1.12 0.00	23.97 0.92 0.00	22.43 0.84 0.00
LUTHERNY_35_KV_BK2 355980	22.49 0.84 0.00	21.12 0.79 0.00	19.86 0.73 0.00	19.44 0.71 0.00	19.96 0.77 0.00	21.37 0.84 0.00	24.63 0.97 0.00	25.66 1.10 0.00	27.28 1.20 0.00	28.19 1.24 0.00	30.66 1.38 0.00	30.37 1.31 0.00	30.95 1.33 0.00	30.79 1.33 0.00	30.70 1.38 0.00	31.45 1.47 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.77 1.67 0.00	29.42 1.35 0.00	27.55 1.26 0.00	25.49 1.14 0.00	23.97 0.92 0.00	22.45 0.86 0.00
LWR___OSWEGATCHIE_HYD 23850	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.09 -0.47 0.00	25.61 -0.47 0.00	26.46 -0.49 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.69 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.57 -0.48 0.00	21.12 -0.47 0.00



LYONS_FALL_HYD 23570	21.61 -0.04 0.00	20.29 -0.04 0.00	19.18 0.04 0.00	18.78 0.06 0.00	19.25 0.06 0.00	20.65 0.12 0.00	23.87 0.21 0.00	24.77 0.22 0.00	26.34 0.26 0.00	27.22 0.27 0.00	29.64 0.35 0.00	29.38 0.32 0.00	29.94 0.33 0.00	29.82 0.35 0.00	29.68 0.35 0.00	30.37 0.39 0.00	33.15 0.52 0.00	37.29 0.59 0.00	32.58 0.48 0.00	28.46 0.39 0.00	26.63 0.34 0.00	24.56 0.22 0.00	23.21 0.16 0.00	21.74 0.15 0.00
MADISON___COUNTY_LFGE 323628	22.08 0.43 0.00	20.72 0.39 0.00	19.48 0.34 0.00	19.08 0.36 0.00	19.55 0.36 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.09 0.54 0.00	26.68 0.60 0.00	27.57 0.62 0.00	30.05 0.76 0.00	29.79 0.73 0.00	30.33 0.71 0.00	30.20 0.74 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.55 0.91 0.00	37.66 0.95 0.00	32.87 0.77 0.00	28.74 0.67 0.00	26.92 0.63 0.00	24.85 0.51 0.00	23.51 0.46 0.00	22.07 0.47 0.00
MALONE___115KV_TB1 356076	22.13 0.48 0.00	20.82 0.49 0.00	19.60 0.46 0.00	19.12 0.39 0.00	19.63 0.44 0.00	21.04 0.51 0.00	24.30 0.64 0.00	25.26 0.71 0.00	26.84 0.76 0.00	27.68 0.73 0.00	30.14 0.85 0.00	29.91 0.84 0.00	30.59 0.98 0.00	30.43 0.97 0.00	30.18 0.85 0.00	30.85 0.87 0.00	33.51 0.88 0.00	37.77 1.06 0.00	33.00 0.90 0.00	28.85 0.79 0.00	27.03 0.74 0.00	24.98 0.63 0.00	23.60 0.55 0.00	22.07 0.47 0.00
MAPLEWOD_115KV_TB3 80458	22.06 0.41 0.00	20.76 0.43 0.00	19.56 0.42 0.00	19.14 0.41 0.00	19.61 0.42 0.00	20.98 0.45 0.00	24.13 0.47 0.00	25.17 0.61 0.00	26.63 0.55 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.21 0.59 0.00	29.99 0.53 0.00	29.91 0.59 0.00	30.61 0.63 0.00	33.32 0.69 0.00	37.58 0.88 0.00	32.87 0.77 0.00	28.63 0.56 0.00	26.84 0.55 0.00	24.88 0.54 0.00	23.44 0.39 0.00	21.91 0.32 0.00
MAPLE_RIDGE_WT_1 323574	21.52 -0.13 0.00	20.23 -0.10 0.00	19.06 -0.08 0.00	18.67 -0.06 0.00	19.15 -0.04 0.00	20.49 -0.04 0.00	23.63 -0.02 0.00	24.55 0.00 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.04 0.06 0.00	32.70 0.07 0.00	36.78 0.07 0.00	32.17 0.06 0.00	28.10 0.03 0.00	26.32 0.03 0.00	24.37 0.02 0.00	23.05 0.00 0.00	21.59 0.00 0.00
MAPLE_RIDGE_WT_2 323611	21.52 -0.13 0.00	20.23 -0.10 0.00	19.06 -0.08 0.00	18.67 -0.06 0.00	19.15 -0.04 0.00	20.49 -0.04 0.00	23.63 -0.02 0.00	24.55 0.00 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.04 0.06 0.00	32.70 0.07 0.00	36.78 0.07 0.00	32.17 0.06 0.00	28.10 0.03 0.00	26.32 0.03 0.00	24.37 0.02 0.00	23.05 0.00 0.00	21.59 0.00 0.00
MARBLE_RIVER_WT_PWR 323696	22.10 0.46 0.00	20.78 0.45 0.00	19.54 0.40 0.00	19.10 0.37 0.00	19.57 0.38 0.00	20.98 0.45 0.00	24.18 0.52 0.00	25.09 0.54 0.00	26.65 0.57 0.00	27.52 0.57 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.44 0.83 0.00	30.28 0.82 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.42 0.78 0.00	37.62 0.92 0.00	32.87 0.77 0.00	28.74 0.67 0.00	26.92 0.63 0.00	24.93 0.58 0.00	23.56 0.51 0.00	22.04 0.45 0.00
MARSHVLE_115KV_TB1 80742	22.69 1.04 0.00	21.33 1.00 0.00	20.04 0.90 0.00	19.61 0.88 0.00	20.15 0.96 0.00	21.60 1.07 0.00	25.03 1.37 0.00	26.05 1.50 0.00	27.72 1.64 0.00	28.59 1.64 0.00	31.13 1.85 0.00	30.84 1.77 0.00	31.42 1.81 0.00	31.29 1.83 0.00	31.20 1.88 0.00	32.02 2.04 0.00	34.98 2.35 0.00	39.35 2.64 0.00	34.57 2.47 0.00	30.09 2.02 0.00	28.13 1.84 0.00	25.92 1.58 0.00	24.36 1.31 0.00	22.82 1.23 0.00
MARSH_HILL_WT_PWR 323713	22.41 0.76 0.00	20.82 0.49 0.00	19.79 0.65 0.00	19.16 0.43 0.00	19.67 0.48 0.00	21.35 0.82 0.00	24.32 0.66 0.00	24.99 0.44 0.00	26.60 0.52 0.00	27.46 0.51 0.00	29.87 0.59 0.00	29.73 0.67 0.00	30.15 0.53 0.00	30.11 0.65 0.00	29.88 0.56 0.00	30.55 0.57 0.00	33.03 0.39 0.00	36.81 0.11 0.00	32.42 0.32 0.00	28.60 0.53 0.00	26.79 0.50 0.00	24.76 0.41 0.00	23.44 0.39 0.00	22.26 0.67 0.00
MCINTYRE_115KV_TB2 80467	21.87 0.22 0.00	20.56 0.22 0.00	19.33 0.19 0.00	18.90 0.17 0.00	19.38 0.19 0.00	20.78 0.25 0.00	24.01 0.35 0.00	25.02 0.47 0.00	26.63 0.55 0.00	27.52 0.57 0.00	29.99 0.70 0.00	29.79 0.73 0.00	30.47 0.86 0.00	30.34 0.88 0.00	30.12 0.79 0.00	30.76 0.78 0.00	33.42 0.78 0.00	37.58 0.88 0.00	32.84 0.74 0.00	28.69 0.62 0.00	26.84 0.55 0.00	24.81 0.46 0.00	23.39 0.35 0.00	21.85 0.26 0.00
MECO____69_KV_BK1 80468	23.49 1.84 0.00	22.06 1.73 0.00	20.69 1.55 0.00	20.26 1.54 0.00	20.86 1.67 0.00	22.36 1.83 0.00	25.88 2.22 0.00	26.91 2.36 0.00	28.58 2.50 0.00	29.46 2.51 0.00	32.16 2.87 0.00	31.85 2.79 0.00	32.37 2.75 0.00	32.26 2.80 0.00	32.29 2.96 0.00	33.28 3.30 0.00	36.45 3.82 0.00	40.92 4.22 0.00	36.12 4.01 0.00	31.38 3.31 0.00	29.31 3.02 0.00	27.04 2.70 0.00	25.33 2.28 0.00	23.71 2.12 0.00
MENANDS__115KV_TB5 355628	21.97 0.32 0.00	20.68 0.35 0.00	19.48 0.34 0.00	19.08 0.36 0.00	19.53 0.35 0.00	20.90 0.37 0.00	24.01 0.35 0.00	25.04 0.49 0.00	26.47 0.39 0.00	27.33 0.38 0.00	29.67 0.38 0.00	29.41 0.35 0.00	30.03 0.41 0.00	29.81 0.35 0.00	29.74 0.41 0.00	30.40 0.42 0.00	33.12 0.49 0.00	37.36 0.66 0.00	32.65 0.55 0.00	28.46 0.39 0.00	26.66 0.37 0.00	24.73 0.39 0.00	23.33 0.28 0.00	21.79 0.19 0.00
MG INDUSTRY___DRP 24185	22.10 0.45 0.00	20.78 0.45 0.00	19.58 0.44 0.00	19.16 0.43 0.00	19.61 0.42 0.00	20.98 0.45 0.00	24.11 0.45 0.00	25.09 0.54 0.00	26.57 0.50 0.00	27.44 0.49 0.00	29.82 0.53 0.00	29.56 0.49 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.85 0.53 0.00	30.55 0.57 0.00	33.25 0.62 0.00	37.44 0.73 0.00	32.78 0.67 0.00	28.57 0.51 0.00	26.79 0.50 0.00	24.85 0.51 0.00	23.44 0.39 0.00	21.94 0.35 0.00
MID___OSWEGATCHIE_HYD 23849	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.09 -0.47 0.00	25.61 -0.47 0.00	26.46 -0.49 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.69 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.57 -0.48 0.00	21.12 -0.47 0.00
MID___RAQUETTE_HYD 23851	21.26 -0.39 0.00	19.99 -0.35 0.00	18.83 -0.31 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.22 -0.31 0.00	23.35 -0.31 0.00	24.31 -0.25 0.00	25.84 -0.23 0.00	26.68 -0.27 0.00	29.08 -0.21 0.00	28.89 -0.17 0.00	29.56 -0.06 0.00	29.40 -0.06 0.00	29.21 -0.12 0.00	29.83 -0.15 0.00	32.44 -0.20 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.12 -0.22 0.00	22.75 -0.30 0.00	21.27 -0.32 0.00



MILLIKEN___1 23584	22.06 0.41 0.00	20.68 0.35 0.00	19.44 0.31 0.00	19.04 0.32 0.00	19.52 0.33 0.00	20.90 0.37 0.00	24.08 0.43 0.00	24.92 0.37 0.00	26.50 0.42 0.00	27.38 0.43 0.00	29.82 0.53 0.00	29.62 0.55 0.00	30.12 0.50 0.00	29.99 0.53 0.00	29.82 0.50 0.00	30.52 0.54 0.00	33.25 0.62 0.00	37.33 0.62 0.00	32.65 0.55 0.00	28.63 0.56 0.00	26.82 0.53 0.00	24.76 0.41 0.00	23.44 0.39 0.00	22.04 0.45 0.00
MILLIKEN___2 23585	22.06 0.41 0.00	20.68 0.35 0.00	19.44 0.31 0.00	19.04 0.32 0.00	19.52 0.33 0.00	20.90 0.37 0.00	24.08 0.43 0.00	24.92 0.37 0.00	26.50 0.42 0.00	27.38 0.43 0.00	29.82 0.53 0.00	29.62 0.55 0.00	30.12 0.50 0.00	29.99 0.53 0.00	29.82 0.50 0.00	30.52 0.54 0.00	33.25 0.62 0.00	37.33 0.62 0.00	32.65 0.55 0.00	28.63 0.56 0.00	26.82 0.53 0.00	24.76 0.41 0.00	23.44 0.39 0.00	22.04 0.45 0.00
MILLIKEN___DIESEL 23629	22.06 0.41 0.00	20.68 0.35 0.00	19.44 0.31 0.00	19.04 0.32 0.00	19.52 0.33 0.00	20.90 0.37 0.00	24.08 0.43 0.00	24.92 0.37 0.00	26.50 0.42 0.00	27.38 0.43 0.00	29.82 0.53 0.00	29.62 0.55 0.00	30.12 0.50 0.00	29.99 0.53 0.00	29.82 0.50 0.00	30.52 0.54 0.00	33.25 0.62 0.00	37.33 0.62 0.00	32.65 0.55 0.00	28.63 0.56 0.00	26.82 0.53 0.00	24.76 0.41 0.00	23.44 0.39 0.00	22.04 0.45 0.00
MILLSEAT___LFGE 323607	21.84 0.19 0.00	20.15 -0.18 0.00	19.21 0.08 0.00	18.48 -0.24 0.00	19.00 -0.19 0.00	20.71 0.18 0.00	23.47 -0.19 0.00	24.01 -0.54 0.00	25.53 -0.55 0.00	26.33 -0.62 0.00	28.56 -0.73 0.00	28.54 -0.52 0.00	28.85 -0.77 0.00	28.87 -0.59 0.00	28.53 -0.79 0.00	29.17 -0.81 0.00	31.43 -1.21 0.00	34.98 -1.72 0.00	30.82 -1.29 0.00	27.31 -0.76 0.00	25.61 -0.68 0.00	23.64 -0.71 0.00	22.54 -0.51 0.00	21.46 -0.13 0.00
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	22.23 0.58 0.00	20.88 0.55 0.00	19.67 0.54 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.02 0.49 0.00	24.34 0.69 0.00	25.58 1.03 0.00	27.28 1.20 0.00	28.22 1.27 0.00	30.58 1.29 0.00	30.29 1.22 0.00	30.89 1.27 0.00	30.70 1.24 0.00	30.59 1.26 0.00	31.27 1.29 0.00	34.13 1.50 0.00	38.43 1.73 0.00	33.61 1.51 0.00	29.33 1.26 0.00	27.42 1.13 0.00	25.29 0.95 0.00	23.83 0.78 0.00	22.22 0.63 0.00
MILLWOOD_13_KV_LOAD 356217	22.28 0.63 0.00	20.92 0.59 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.73 0.54 0.00	21.04 0.51 0.00	24.34 0.69 0.00	25.61 1.06 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.76 1.30 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.68 1.57 0.00	29.39 1.32 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
MODEL_CITY_ENERGY 24167	21.30 -0.35 0.00	19.66 -0.67 0.00	18.77 -0.36 0.00	18.05 -0.67 0.00	18.54 -0.65 0.00	20.22 -0.31 0.00	22.88 -0.78 0.00	23.35 -1.20 0.00	24.75 -1.33 0.00	25.49 -1.46 0.00	27.62 -1.67 0.00	27.58 -1.48 0.00	27.87 -1.75 0.00	27.90 -1.56 0.00	27.59 -1.73 0.00	28.18 -1.80 0.00	30.25 -2.38 0.00	33.66 -3.05 0.00	29.76 -2.34 0.00	26.44 -1.63 0.00	24.82 -1.47 0.00	22.96 -1.39 0.00	21.90 -1.15 0.00	20.94 -0.65 0.00
MODERN_LFGE___ 323580	21.30 -0.35 0.00	19.66 -0.67 0.00	18.77 -0.36 0.00	18.05 -0.67 0.00	18.54 -0.65 0.00	20.22 -0.31 0.00	22.88 -0.78 0.00	23.35 -1.20 0.00	24.75 -1.33 0.00	25.49 -1.46 0.00	27.62 -1.67 0.00	27.58 -1.48 0.00	27.87 -1.75 0.00	27.90 -1.56 0.00	27.59 -1.73 0.00	28.18 -1.80 0.00	30.25 -2.38 0.00	33.66 -3.05 0.00	29.76 -2.34 0.00	26.44 -1.63 0.00	24.82 -1.47 0.00	22.96 -1.39 0.00	21.90 -1.15 0.00	20.94 -0.65 0.00
MOHAWK_PAPER___DRP 24187	22.06 0.41 0.00	20.76 0.43 0.00	19.56 0.42 0.00	19.14 0.41 0.00	19.61 0.42 0.00	20.98 0.45 0.00	24.13 0.47 0.00	25.17 0.61 0.00	26.63 0.55 0.00	27.49 0.54 0.00	29.84 0.56 0.00	29.59 0.52 0.00	30.21 0.59 0.00	29.99 0.53 0.00	29.91 0.59 0.00	30.61 0.63 0.00	33.32 0.69 0.00	37.58 0.88 0.00	32.87 0.77 0.00	28.63 0.56 0.00	26.84 0.55 0.00	24.88 0.54 0.00	23.44 0.39 0.00	21.91 0.32 0.00
MOHICAN__35_KV_115KV_LD 80490	22.67 1.02 0.00	21.29 0.96 0.00	20.02 0.88 0.00	19.59 0.86 0.00	20.11 0.92 0.00	21.56 1.03 0.00	24.86 1.21 0.00	25.95 1.40 0.00	27.62 1.54 0.00	28.51 1.56 0.00	31.07 1.79 0.00	30.78 1.71 0.00	31.33 1.72 0.00	31.17 1.71 0.00	31.11 1.79 0.00	31.87 1.89 0.00	34.66 2.02 0.00	39.02 2.31 0.00	34.29 2.18 0.00	29.81 1.74 0.00	27.87 1.58 0.00	25.78 1.44 0.00	24.20 1.15 0.00	22.67 1.08 0.00
MONGAUP___HYD 23641	22.12 0.48 0.00	20.78 0.45 0.00	19.52 0.38 0.00	19.12 0.39 0.00	19.59 0.40 0.00	20.86 0.33 0.00	24.11 0.45 0.00	25.07 0.52 0.00	26.73 0.65 0.00	27.62 0.67 0.00	29.96 0.67 0.00	29.68 0.61 0.00	30.18 0.56 0.00	30.02 0.56 0.00	29.94 0.62 0.00	30.70 0.72 0.00	33.55 0.91 0.00	37.51 0.81 0.00	33.06 0.96 0.00	28.85 0.78 0.00	26.97 0.68 0.00	24.97 0.63 0.00	23.44 0.39 0.00	21.94 0.34 0.00
MONTAUK___DIESEL 23721	24.16 2.25 -0.26	22.22 1.89 0.00	21.09 1.95 0.00	20.52 1.80 0.00	21.09 1.90 0.00	22.46 1.93 0.00	25.98 2.32 0.00	28.68 2.80 -1.33	29.28 3.08 -0.12	32.51 3.18 -2.38	34.95 3.78 -1.88	33.46 3.69 -0.71	36.67 3.82 -3.24	35.08 3.77 -1.84	35.70 3.75 -2.62	36.89 3.87 -3.04	36.82 4.14 -0.04	46.99 4.81 -5.48	35.79 3.69 0.00	31.44 3.37 0.00	30.88 3.10 -1.49	30.03 2.92 -2.76	26.37 2.44 -0.88	23.79 2.20 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	22.49 0.84 0.00	21.04 0.71 0.00	19.69 0.55 0.00	19.33 0.60 0.00	19.84 0.65 0.00	21.23 0.70 0.00	24.46 0.80 0.00	25.26 0.71 0.00	26.89 0.81 0.00	27.76 0.81 0.00	30.14 0.85 0.00	30.14 1.08 0.00	30.39 0.77 0.00	30.37 0.91 0.00	30.03 0.70 0.00	30.61 0.63 0.00	32.89 0.26 0.00	36.70 0.00 0.00	32.36 0.26 0.00	28.63 0.56 0.00	26.79 0.50 0.00	24.78 0.44 0.00	23.56 0.51 0.00	22.43 0.84 0.00
MORTIMER_115KV_TB3 55949	21.50 -0.15 0.00	20.05 -0.28 0.00	18.81 -0.33 0.00	18.43 -0.30 0.00	18.90 -0.29 0.00	20.24 -0.29 0.00	23.23 -0.43 0.00	23.96 -0.59 0.00	25.51 -0.57 0.00	26.36 -0.59 0.00	28.64 -0.64 0.00	28.57 -0.49 0.00	28.93 -0.68 0.00	28.90 -0.56 0.00	28.65 -0.67 0.00	29.29 -0.69 0.00	31.65 -0.98 0.00	35.35 -1.36 0.00	31.04 -1.06 0.00	27.37 -0.70 0.00	25.66 -0.63 0.00	23.71 -0.63 0.00	22.57 -0.48 0.00	21.35 -0.24 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.35 0.76 0.00



MUNSVILLE_WIND_PWR 323609	23.45 1.80 0.00	21.90 1.57 0.00	20.59 1.45 0.00	20.13 1.41 0.00	20.65 1.46 0.00	22.25 1.72 0.00	25.79 2.13 0.00	26.76 2.21 0.00	28.56 2.48 0.00	29.54 2.59 0.00	32.22 2.93 0.00	32.06 2.99 0.00	32.72 3.11 0.00	32.64 3.18 0.00	32.43 3.11 0.00	33.13 3.15 0.00	36.26 3.62 0.00	40.63 3.93 0.00	35.44 3.34 0.00	30.93 2.86 0.00	28.92 2.63 0.00	26.53 2.19 0.00	25.01 1.96 0.00	23.53 1.94 0.00
N SALMON___HYD 24042	22.15 0.50 0.00	20.82 0.49 0.00	19.60 0.46 0.00	19.14 0.41 0.00	19.63 0.44 0.00	21.04 0.51 0.00	24.30 0.64 0.00	25.26 0.71 0.00	26.84 0.76 0.00	27.68 0.73 0.00	30.14 0.85 0.00	29.91 0.84 0.00	30.59 0.98 0.00	30.40 0.94 0.00	30.18 0.85 0.00	30.85 0.87 0.00	33.51 0.88 0.00	37.77 1.07 0.00	33.00 0.90 0.00	28.85 0.78 0.00	27.02 0.74 0.00	24.97 0.63 0.00	23.60 0.55 0.00	22.07 0.47 0.00
N.AKRON___115KV_KNAPP 355671	21.65 0.00 0.00	20.17 -0.16 0.00	18.89 -0.25 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.32 -0.21 0.00	23.30 -0.35 0.00	23.99 -0.56 0.00	25.53 -0.55 0.00	26.33 -0.62 0.00	28.56 -0.73 0.00	28.57 -0.49 0.00	28.82 -0.80 0.00	28.84 -0.62 0.00	28.50 -0.82 0.00	29.17 -0.81 0.00	31.39 -1.24 0.00	34.94 -1.76 0.00	30.82 -1.28 0.00	27.31 -0.76 0.00	25.58 -0.71 0.00	23.64 -0.71 0.00	22.54 -0.51 0.00	21.48 -0.11 0.00
N.BELMOR_69_KV_BK1 55787	23.05 1.15 -0.26	21.29 0.96 0.00	20.11 0.98 0.00	19.63 0.90 0.00	20.13 0.94 0.00	21.47 0.94 0.00	24.86 1.21 0.00	27.55 1.67 -1.33	28.08 1.88 -0.12	31.30 1.97 -2.38	32.85 2.08 -1.48	31.77 2.03 -0.67	34.91 2.10 -3.19	33.13 2.03 -1.63	32.52 2.05 -1.14	33.66 2.13 -1.55	35.02 2.38 0.00	44.94 2.75 -5.48	34.48 2.38 0.00	30.15 2.08 0.00	29.62 1.84 -1.49	28.66 1.58 -2.73	25.31 1.38 -0.88	22.76 1.17 0.00
N.E._GEN_SANDY PD 24062	22.04 0.39 0.00	20.80 0.47 0.00	19.50 0.36 0.00	19.14 0.41 0.00	19.63 0.44 0.00	20.90 0.37 0.00	24.13 0.47 0.00	25.17 0.61 0.00	26.78 0.70 0.00	27.68 0.73 0.00	29.99 0.70 0.00	29.70 0.64 0.00	30.30 0.68 0.00	30.08 0.62 0.00	30.00 0.68 0.00	30.70 0.72 0.00	33.51 0.88 0.00	37.88 1.17 0.00	33.00 0.90 0.00	28.80 0.73 0.00	27.00 0.71 0.00	25.00 0.66 0.00	23.51 0.46 0.00	22.00 0.41 0.00
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	22.19 0.54 0.00	20.84 0.51 0.00	19.65 0.52 0.00	19.21 0.49 0.00	19.67 0.48 0.00	20.98 0.45 0.00	24.37 0.71 0.00	25.61 1.06 0.00	27.30 1.23 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.92 1.30 0.00	30.70 1.24 0.00	30.59 1.26 0.00	31.30 1.32 0.00	34.13 1.50 0.00	38.47 1.76 0.00	33.64 1.54 0.00	29.39 1.32 0.00	27.45 1.16 0.00	25.32 0.97 0.00	23.83 0.78 0.00	22.24 0.65 0.00
N.QUEENS_27_KV_LOAD 356247	22.54 0.89 0.00	21.10 0.77 0.00	19.98 0.84 0.00	19.51 0.79 0.00	19.99 0.81 0.00	21.06 0.53 0.00	24.30 0.64 0.00	25.66 1.10 0.00	27.44 1.36 0.00	28.43 1.48 0.00	30.75 1.46 0.00	30.49 1.42 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.45 1.47 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.55 1.26 0.00	25.32 0.97 0.00	23.90 0.85 0.00	22.41 0.82 0.00
N.TROY___115KV_TB1 355778	22.13 0.48 0.00	20.80 0.47 0.00	19.58 0.44 0.00	19.16 0.43 0.00	19.63 0.44 0.00	21.02 0.49 0.00	24.20 0.54 0.00	25.24 0.69 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.36 0.74 0.00	30.17 0.71 0.00	30.09 0.76 0.00	30.76 0.78 0.00	33.51 0.88 0.00	37.84 1.14 0.00	33.07 0.96 0.00	28.83 0.76 0.00	27.03 0.74 0.00	25.05 0.71 0.00	23.56 0.51 0.00	22.04 0.45 0.00
NARROWS_GT1_1 24228	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_2 24229	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_3 24230	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_4 24231	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_5 24232	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_6 24233	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT1_7 24234	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00



NARROWS_GT1_8 24235	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_1 24236	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_2 24237	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_3 24238	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_4 24239	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_5 24240	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_6 24241	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_7 24242	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NARROWS_GT2_8 24243	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	22.49 0.84 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.35 0.82 0.00	24.53 0.88 0.00	25.41 0.86 0.00	26.81 0.73 0.00	27.62 0.67 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.36 0.74 0.00	30.17 0.71 0.00	30.15 0.82 0.00	30.91 0.93 0.00	33.64 1.01 0.00	37.95 1.25 0.00	33.23 1.12 0.00	28.94 0.87 0.00	27.05 0.76 0.00	25.17 0.83 0.00	23.65 0.60 0.00	22.13 0.54 0.00
NCHELSEA_115KV_TR2 355582	22.36 0.71 0.00	21.00 0.67 0.00	19.79 0.65 0.00	19.33 0.60 0.00	19.80 0.61 0.00	21.13 0.60 0.00	24.41 0.76 0.00	25.53 0.98 0.00	27.23 1.15 0.00	28.14 1.19 0.00	30.52 1.23 0.00	30.26 1.19 0.00	30.83 1.21 0.00	30.64 1.18 0.00	30.56 1.23 0.00	31.27 1.29 0.00	34.13 1.50 0.00	38.47 1.76 0.00	33.61 1.51 0.00	29.33 1.26 0.00	27.39 1.10 0.00	25.34 1.00 0.00	23.81 0.76 0.00	22.26 0.67 0.00
NEG CAPITAL___MECHNVIL 23645	22.45 0.80 0.00	21.12 0.79 0.00	19.83 0.69 0.00	19.44 0.71 0.00	19.96 0.77 0.00	21.31 0.78 0.00	24.60 0.95 0.00	25.61 1.05 0.00	27.28 1.20 0.00	28.19 1.24 0.00	30.67 1.38 0.00	30.37 1.31 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.67 1.35 0.00	31.42 1.44 0.00	34.20 1.57 0.00	38.54 1.83 0.00	33.77 1.67 0.00	29.42 1.35 0.00	27.55 1.26 0.00	25.49 1.14 0.00	23.97 0.92 0.00	22.46 0.86 0.00
NEG CENTRAL_HIGH_ACRES 23767	21.17 -0.48 0.00	19.66 -0.67 0.00	18.64 -0.50 0.00	18.07 -0.66 0.00	18.54 -0.65 0.00	20.08 -0.45 0.00	22.90 -0.76 0.00	23.59 -0.96 0.00	25.06 -1.02 0.00	25.93 -1.02 0.00	28.24 -1.05 0.00	28.13 -0.93 0.00	28.58 -1.04 0.00	28.52 -0.94 0.00	28.30 -1.03 0.00	28.90 -1.08 0.00	31.29 -1.34 0.00	34.98 -1.72 0.00	30.63 -1.48 0.00	26.94 -1.12 0.00	25.26 -1.03 0.00	23.34 -1.00 0.00	22.20 -0.85 0.00	20.94 -0.65 0.00
NEG CENTRAL___DRP 24199	21.74 0.09 0.00	20.35 0.02 0.00	19.14 0.00 0.00	18.73 0.00 0.00	19.21 0.02 0.00	20.59 0.06 0.00	23.68 0.02 0.00	24.45 -0.10 0.00	26.03 -0.05 0.00	26.90 -0.05 0.00	29.32 0.03 0.00	29.12 0.06 0.00	29.59 -0.03 0.00	29.49 0.03 0.00	29.33 0.00 0.00	29.95 -0.03 0.00	32.57 -0.07 0.00	36.41 -0.29 0.00	31.97 -0.13 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.29 -0.05 0.00	23.03 -0.02 0.00	21.68 0.09 0.00
NEG CENTRAL___INDECK 23768	22.58 0.93 0.00	20.90 0.57 0.00	19.86 0.73 0.00	19.18 0.45 0.00	19.69 0.50 0.00	21.41 0.88 0.00	24.37 0.71 0.00	25.09 0.54 0.00	26.73 0.65 0.00	27.62 0.67 0.00	29.96 0.67 0.00	29.91 0.84 0.00	30.33 0.71 0.00	30.28 0.82 0.00	30.03 0.70 0.00	30.76 0.78 0.00	33.38 0.75 0.00	37.33 0.62 0.00	32.71 0.61 0.00	28.83 0.76 0.00	27.00 0.71 0.00	24.88 0.53 0.00	23.58 0.53 0.00	22.30 0.71 0.00



NEG CENTRAL___SENECA 23627	21.89 0.24 0.00	20.49 0.16 0.00	19.25 0.11 0.00	18.86 0.13 0.00	19.34 0.15 0.00	20.74 0.21 0.00	23.85 0.19 0.00	24.65 0.10 0.00	26.24 0.16 0.00	27.11 0.16 0.00	29.55 0.26 0.00	29.38 0.32 0.00	29.82 0.21 0.00	29.76 0.29 0.00	29.59 0.26 0.00	30.22 0.24 0.00	32.83 0.20 0.00	36.59 -0.11 0.00	32.23 0.13 0.00	28.32 0.25 0.00	26.53 0.24 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.85 0.26 0.00
NEG CENTRAL___STATE_STREET 24147	21.69 0.04 0.00	20.33 0.00 0.00	19.12 -0.02 0.00	18.71 -0.02 0.00	19.19 0.00 0.00	20.55 0.02 0.00	23.66 0.00 0.00	24.45 -0.10 0.00	25.97 -0.10 0.00	26.90 -0.05 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.56 -0.06 0.00	29.46 0.00 0.00	29.30 -0.03 0.00	29.92 -0.06 0.00	32.57 -0.07 0.00	36.56 -0.15 0.00	31.97 -0.13 0.00	28.04 -0.03 0.00	26.26 -0.03 0.00	24.27 -0.07 0.00	23.03 -0.02 0.00	21.63 0.04 0.00
NEG MILLWOOD___DRP 24198	22.45 0.80 0.00	21.08 0.75 0.00	19.85 0.71 0.00	19.40 0.67 0.00	19.84 0.65 0.00	21.15 0.62 0.00	24.44 0.78 0.00	25.68 1.13 0.00	27.38 1.30 0.00	28.35 1.40 0.00	30.75 1.46 0.00	30.46 1.40 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.54 1.56 0.00	34.40 1.76 0.00	38.80 2.09 0.00	33.80 1.70 0.00	29.47 1.40 0.00	27.58 1.29 0.00	25.44 1.10 0.00	23.90 0.85 0.00	22.32 0.73 0.00
NEG NORTH_FLCN_SEA 23793	22.41 0.76 0.00	21.08 0.75 0.00	19.83 0.69 0.00	19.36 0.64 0.00	19.86 0.67 0.00	21.29 0.76 0.00	24.56 0.90 0.00	25.51 0.96 0.00	27.07 0.99 0.00	27.95 1.00 0.00	30.43 1.14 0.00	30.26 1.19 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.53 1.20 0.00	31.21 1.23 0.00	33.91 1.27 0.00	38.17 1.47 0.00	33.39 1.28 0.00	29.19 1.12 0.00	27.34 1.05 0.00	25.29 0.95 0.00	23.90 0.85 0.00	22.37 0.78 0.00
NEG NORTH_KES_CHATEGAY 23792	22.13 0.48 0.00	20.80 0.47 0.00	19.58 0.44 0.00	19.10 0.37 0.00	19.59 0.40 0.00	21.00 0.47 0.00	24.20 0.54 0.00	25.14 0.59 0.00	26.68 0.60 0.00	27.54 0.59 0.00	29.96 0.67 0.00	29.79 0.73 0.00	30.45 0.83 0.00	30.26 0.80 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.45 0.82 0.00	37.66 0.95 0.00	32.94 0.83 0.00	28.80 0.73 0.00	26.97 0.68 0.00	24.95 0.61 0.00	23.58 0.53 0.00	22.07 0.47 0.00
NEG NORTH___ALICE_FALLS 23915	22.45 0.80 0.00	21.12 0.79 0.00	19.86 0.73 0.00	19.40 0.67 0.00	19.92 0.73 0.00	21.35 0.82 0.00	24.63 0.97 0.00	25.58 1.03 0.00	27.15 1.07 0.00	28.03 1.08 0.00	30.52 1.23 0.00	30.34 1.28 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.51 1.41 0.00	29.30 1.24 0.00	27.45 1.16 0.00	25.36 1.02 0.00	23.97 0.92 0.00	22.41 0.82 0.00
NEG NORTH___LWR_SARANAC 23913	22.45 0.80 0.00	21.12 0.79 0.00	19.86 0.73 0.00	19.40 0.67 0.00	19.92 0.73 0.00	21.35 0.82 0.00	24.63 0.97 0.00	25.58 1.03 0.00	27.15 1.07 0.00	28.03 1.08 0.00	30.52 1.23 0.00	30.34 1.28 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.04 1.40 0.00	38.35 1.65 0.00	33.51 1.41 0.00	29.30 1.24 0.00	27.45 1.16 0.00	25.36 1.02 0.00	23.97 0.92 0.00	22.41 0.82 0.00
NEG NORTH___PLATTSBURG 23628	22.47 0.82 0.00	21.12 0.79 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.92 0.73 0.00	21.35 0.82 0.00	24.63 0.97 0.00	25.58 1.03 0.00	27.15 1.07 0.00	28.03 1.08 0.00	30.52 1.23 0.00	30.34 1.28 0.00	31.01 1.39 0.00	30.85 1.38 0.00	30.61 1.29 0.00	31.30 1.32 0.00	34.04 1.40 0.00	38.36 1.65 0.00	33.51 1.41 0.00	29.30 1.23 0.00	27.45 1.16 0.00	25.36 1.02 0.00	23.97 0.92 0.00	22.41 0.82 0.00
NEG WEST_LEA_LOCKPORT 23791	21.32 -0.32 0.00	19.91 -0.43 0.00	18.64 -0.50 0.00	18.28 -0.45 0.00	18.77 -0.42 0.00	20.04 -0.49 0.00	22.97 -0.69 0.00	23.59 -0.96 0.00	25.09 -0.99 0.00	25.85 -1.10 0.00	28.00 -1.29 0.00	27.99 -1.08 0.00	28.22 -1.39 0.00	28.25 -1.21 0.00	27.95 -1.38 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.10 -2.61 0.00	30.18 -1.93 0.00	26.81 -1.26 0.00	25.13 -1.16 0.00	23.25 -1.10 0.00	22.17 -0.88 0.00	21.20 -0.39 0.00
NEG WEST___LANCASTR 23811	22.13 0.48 0.00	20.70 0.37 0.00	19.41 0.27 0.00	19.03 0.30 0.00	19.52 0.33 0.00	20.86 0.33 0.00	23.99 0.33 0.00	24.70 0.15 0.00	26.29 0.21 0.00	27.08 0.13 0.00	29.38 0.09 0.00	29.33 0.26 0.00	29.62 0.00 0.00	29.61 0.15 0.00	29.33 0.00 0.00	29.95 -0.03 0.00	32.24 -0.39 0.00	35.93 -0.77 0.00	31.75 -0.35 0.00	28.10 0.03 0.00	26.29 0.00 0.00	24.34 0.00 0.00	23.16 0.12 0.00	22.11 0.52 0.00
NEG_PENN_ALLEGHNY 23528	21.91 0.26 0.00	20.49 0.16 0.00	19.35 0.21 0.00	18.88 0.15 0.00	19.34 0.15 0.00	20.80 0.27 0.00	23.89 0.24 0.00	24.72 0.17 0.00	26.29 0.21 0.00	27.16 0.21 0.00	29.55 0.26 0.00	29.36 0.29 0.00	29.85 0.24 0.00	29.72 0.26 0.00	29.59 0.26 0.00	30.22 0.24 0.00	32.83 0.20 0.00	36.81 0.11 0.00	32.26 0.16 0.00	28.29 0.22 0.00	26.48 0.19 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.83 0.24 0.00
NEG___GEN_MONROE 24207	21.76 0.11 0.00	20.29 -0.04 0.00	19.02 -0.11 0.00	18.60 -0.13 0.00	19.09 -0.10 0.00	20.43 -0.10 0.00	23.37 -0.28 0.00	24.06 -0.49 0.00	25.64 -0.44 0.00	26.46 -0.49 0.00	28.73 -0.56 0.00	28.60 -0.47 0.00	28.96 -0.65 0.00	28.90 -0.56 0.00	28.68 -0.65 0.00	29.29 -0.69 0.00	31.62 -1.01 0.00	35.31 -1.39 0.00	31.04 -1.06 0.00	27.42 -0.65 0.00	25.69 -0.60 0.00	23.71 -0.63 0.00	22.57 -0.48 0.00	21.44 -0.15 0.00
NEPA___ENERGY 23901	21.91 0.26 0.00	20.51 0.18 0.00	19.23 0.10 0.00	18.86 0.13 0.00	19.36 0.17 0.00	20.69 0.16 0.00	23.82 0.17 0.00	24.55 0.00 0.00	26.11 0.03 0.00	26.90 -0.05 0.00	29.14 -0.15 0.00	29.09 0.03 0.00	29.38 -0.24 0.00	29.37 -0.09 0.00	29.06 -0.26 0.00	29.68 -0.30 0.00	31.98 -0.65 0.00	35.64 -1.06 0.00	31.49 -0.61 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.15 -0.19 0.00	22.98 -0.07 0.00	21.91 0.32 0.00
NEVERSink___HYD 23608	22.28 0.63 0.00	20.92 0.59 0.00	19.65 0.52 0.00	19.25 0.52 0.00	19.71 0.52 0.00	20.98 0.45 0.00	24.32 0.66 0.00	25.34 0.79 0.00	27.02 0.94 0.00	27.92 0.97 0.00	30.28 1.00 0.00	30.02 0.96 0.00	30.56 0.95 0.00	30.37 0.91 0.00	30.29 0.97 0.00	31.06 1.08 0.00	33.90 1.27 0.00	38.24 1.54 0.00	33.39 1.29 0.00	29.16 1.09 0.00	27.21 0.92 0.00	25.19 0.85 0.00	23.65 0.60 0.00	22.13 0.54 0.00
NEWKRMKL_115KV_TB1 55635	21.93 0.28 0.00	20.64 0.30 0.00	19.46 0.33 0.00	19.06 0.34 0.00	19.50 0.31 0.00	20.84 0.31 0.00	23.94 0.28 0.00	24.97 0.42 0.00	26.37 0.29 0.00	27.22 0.27 0.00	29.55 0.26 0.00	29.30 0.23 0.00	29.88 0.27 0.00	29.70 0.24 0.00	29.62 0.29 0.00	30.31 0.33 0.00	32.99 0.36 0.00	37.18 0.48 0.00	32.52 0.42 0.00	28.35 0.28 0.00	26.55 0.26 0.00	24.63 0.29 0.00	23.23 0.18 0.00	21.70 0.11 0.00



NEWTON___FALLS_HYD 23847	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.09 -0.47 0.00	25.61 -0.47 0.00	26.46 -0.49 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.69 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.57 -0.48 0.00	21.12 -0.47 0.00
NGRID_A1_DSASP 323792	21.22 -0.43 0.00	19.60 -0.73 0.00	18.73 -0.40 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	20.16 -0.37 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.83 -0.76 0.00
NGRID_A2_DSASP 323793	21.22 -0.43 0.00	19.60 -0.73 0.00	18.73 -0.40 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	20.16 -0.37 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.83 -0.76 0.00
NGRID_A4_DSASP 323807	21.22 -0.43 0.00	19.60 -0.73 0.00	18.73 -0.40 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	20.16 -0.37 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.83 -0.76 0.00
NIAGARA_115E_LBMP 323715	21.17 -0.48 0.00	19.54 -0.79 0.00	18.68 -0.46 0.00	17.94 -0.79 0.00	18.42 -0.77 0.00	20.10 -0.43 0.00	22.73 -0.92 0.00	23.20 -1.35 0.00	24.59 -1.49 0.00	25.31 -1.64 0.00	27.41 -1.88 0.00	27.38 -1.69 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	30.02 -2.61 0.00	33.36 -3.34 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.76 -1.29 0.00	20.81 -0.78 0.00
NIAGARA_115W_LBMP 323714	21.17 -0.48 0.00	19.54 -0.79 0.00	18.68 -0.46 0.00	17.96 -0.77 0.00	18.42 -0.77 0.00	20.12 -0.41 0.00	22.73 -0.92 0.00	23.20 -1.35 0.00	24.57 -1.51 0.00	25.28 -1.67 0.00	27.38 -1.90 0.00	27.32 -1.74 0.00	27.60 -2.01 0.00	27.63 -1.83 0.00	27.33 -2.00 0.00	27.91 -2.07 0.00	29.96 -2.68 0.00	33.25 -3.45 0.00	29.47 -2.63 0.00	26.19 -1.88 0.00	24.58 -1.71 0.00	22.76 -1.58 0.00	21.74 -1.31 0.00	20.79 -0.80 0.00
NIAGARA_230_LBMP 323716	21.35 -0.30 0.00	19.72 -0.61 0.00	18.85 -0.29 0.00	18.11 -0.62 0.00	18.59 -0.60 0.00	20.28 -0.25 0.00	22.95 -0.71 0.00	23.42 -1.13 0.00	24.80 -1.28 0.00	25.52 -1.43 0.00	27.65 -1.64 0.00	27.58 -1.48 0.00	27.90 -1.72 0.00	27.93 -1.53 0.00	27.62 -1.70 0.00	28.24 -1.74 0.00	30.28 -2.35 0.00	33.66 -3.05 0.00	29.82 -2.28 0.00	26.50 -1.57 0.00	24.87 -1.42 0.00	23.00 -1.34 0.00	21.97 -1.08 0.00	21.01 -0.58 0.00
NIAGARA___115KV_198_GIBSON 55903	20.96 -0.69 0.00	19.56 -0.77 0.00	18.31 -0.82 0.00	17.96 -0.77 0.00	18.44 -0.75 0.00	19.67 -0.86 0.00	22.54 -1.11 0.00	23.15 -1.40 0.00	24.57 -1.51 0.00	25.28 -1.67 0.00	27.38 -1.90 0.00	27.35 -1.71 0.00	27.57 -2.04 0.00	27.57 -1.89 0.00	27.30 -2.02 0.00	27.91 -2.07 0.00	29.96 -2.68 0.00	33.25 -3.45 0.00	29.47 -2.63 0.00	26.19 -1.88 0.00	24.58 -1.71 0.00	22.76 -1.58 0.00	21.74 -1.31 0.00	20.79 -0.80 0.00
NIAGARA____ 23760	21.35 -0.30 0.00	19.72 -0.61 0.00	18.85 -0.29 0.00	18.11 -0.62 0.00	18.59 -0.60 0.00	20.28 -0.25 0.00	22.95 -0.71 0.00	23.42 -1.13 0.00	24.80 -1.28 0.00	25.52 -1.43 0.00	27.65 -1.64 0.00	27.58 -1.48 0.00	27.90 -1.72 0.00	27.93 -1.53 0.00	27.62 -1.70 0.00	28.24 -1.74 0.00	30.28 -2.35 0.00	33.66 -3.05 0.00	29.82 -2.28 0.00	26.50 -1.57 0.00	24.87 -1.42 0.00	23.00 -1.34 0.00	21.97 -1.08 0.00	21.01 -0.58 0.00
NINE_MILE_1 23575	21.07 -0.58 0.00	19.74 -0.59 0.00	18.62 -0.52 0.00	18.18 -0.54 0.00	18.63 -0.56 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.11 -0.96 0.00	25.95 -1.00 0.00	28.24 -1.05 0.00	28.02 -1.05 0.00	28.55 -1.06 0.00	28.43 -1.03 0.00	28.27 -1.05 0.00	28.87 -1.11 0.00	31.39 -1.24 0.00	35.27 -1.43 0.00	30.85 -1.25 0.00	27.03 -1.04 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	20.99 -0.60 0.00
NINE_MILE_2 23744	21.09 -0.56 0.00	19.74 -0.59 0.00	18.62 -0.52 0.00	18.18 -0.54 0.00	18.63 -0.56 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.11 -0.96 0.00	25.95 -1.00 0.00	28.24 -1.05 0.00	28.02 -1.05 0.00	28.55 -1.06 0.00	28.43 -1.03 0.00	28.27 -1.05 0.00	28.87 -1.11 0.00	31.39 -1.24 0.00	35.27 -1.43 0.00	30.85 -1.25 0.00	27.03 -1.04 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	20.99 -0.60 0.00
NM_CAPITAL___DRP 24208	21.93 0.28 0.00	20.66 0.33 0.00	19.46 0.33 0.00	19.06 0.34 0.00	19.50 0.31 0.00	20.86 0.33 0.00	23.96 0.31 0.00	24.99 0.44 0.00	26.42 0.34 0.00	27.27 0.32 0.00	29.61 0.32 0.00	29.36 0.29 0.00	29.94 0.33 0.00	29.76 0.29 0.00	29.68 0.35 0.00	30.34 0.36 0.00	33.06 0.42 0.00	37.25 0.55 0.00	32.55 0.45 0.00	28.38 0.31 0.00	26.61 0.32 0.00	24.68 0.34 0.00	23.28 0.23 0.00	21.74 0.15 0.00
NM_CENTRAL___DRP 24181	21.43 -0.22 0.00	20.11 -0.22 0.00	18.91 -0.23 0.00	18.52 -0.21 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.13 -0.42 0.00	25.64 -0.44 0.00	26.52 -0.43 0.00	28.88 -0.41 0.00	28.63 -0.44 0.00	29.08 -0.53 0.00	28.96 -0.50 0.00	28.83 -0.50 0.00	29.44 -0.54 0.00	32.01 -0.62 0.00	35.93 -0.77 0.00	31.43 -0.67 0.00	27.59 -0.48 0.00	25.87 -0.42 0.00	23.95 -0.39 0.00	22.77 -0.28 0.00	21.40 -0.19 0.00
NM_FRONTIER___DRP 24179	20.96 -0.69 0.00	19.56 -0.77 0.00	18.31 -0.82 0.00	17.96 -0.77 0.00	18.44 -0.75 0.00	19.67 -0.86 0.00	22.54 -1.11 0.00	23.15 -1.40 0.00	24.57 -1.51 0.00	25.28 -1.67 0.00	27.38 -1.90 0.00	27.35 -1.71 0.00	27.57 -2.04 0.00	27.57 -1.89 0.00	27.30 -2.02 0.00	27.91 -2.07 0.00	29.96 -2.68 0.00	33.25 -3.45 0.00	29.47 -2.63 0.00	26.19 -1.88 0.00	24.58 -1.71 0.00	22.76 -1.58 0.00	21.74 -1.31 0.00	20.79 -0.80 0.00
NM_ST_REGIS___HYD 24053	21.45 -0.19 0.00	20.17 -0.16 0.00	19.00 -0.13 0.00	18.58 -0.15 0.00	19.05 -0.13 0.00	20.43 -0.10 0.00	23.59 -0.07 0.00	24.53 -0.02 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.35 0.06 0.00	29.18 0.12 0.00	29.85 0.24 0.00	29.70 0.24 0.00	29.47 0.15 0.00	30.13 0.15 0.00	32.73 0.10 0.00	36.89 0.18 0.00	32.20 0.10 0.00	28.15 0.08 0.00	26.34 0.05 0.00	24.37 0.02 0.00	22.98 -0.07 0.00	21.48 -0.11 0.00



NORTHPORT___1 23551	22.97 1.06 -0.26	21.25 0.92 0.00	19.98 0.84 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.33 0.80 0.00	24.77 1.11 0.00	27.45 1.57 -1.33	27.97 1.77 -0.12	31.18 1.86 -2.37	32.75 2.02 -1.44	31.67 1.95 -0.65	34.78 1.98 -3.18	33.01 1.94 -1.61	32.31 1.97 -1.02	33.48 2.07 -1.43	34.91 2.28 0.01	44.82 2.64 -5.47	34.25 2.15 0.01	29.98 1.91 0.00	29.48 1.71 -1.48	28.60 1.53 -2.72	25.18 1.27 -0.87	22.67 1.08 0.00
NORTHPORT___2 23552	22.97 1.06 -0.26	21.25 0.92 0.00	19.98 0.84 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.33 0.80 0.00	24.77 1.11 0.00	27.45 1.57 -1.33	27.97 1.77 -0.12	31.18 1.86 -2.37	32.75 2.02 -1.44	31.67 1.95 -0.65	34.78 1.98 -3.18	33.01 1.94 -1.61	32.31 1.97 -1.02	33.48 2.07 -1.43	34.91 2.28 0.01	44.82 2.64 -5.47	34.25 2.15 0.01	29.98 1.91 0.00	29.48 1.71 -1.48	28.60 1.53 -2.72	25.18 1.27 -0.87	22.67 1.08 0.00
NORTHPORT___3 23553	23.31 1.41 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.40 1.21 0.00	21.68 1.15 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	32.53 1.79 -1.46	31.53 1.80 -0.66	34.56 1.75 -3.19	32.82 1.74 -1.62	32.17 1.79 -1.05	33.31 1.86 -1.47	34.75 2.12 0.00	44.61 2.42 -5.48	34.35 2.25 0.00	30.07 1.99 -0.01	29.67 1.89 -1.49	28.83 1.75 -2.73	25.56 1.64 -0.88	23.02 1.42 0.00
NORTHPORT___4 23650	23.31 1.41 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.40 1.21 0.00	21.68 1.15 0.00	25.17 1.52 0.00	27.85 1.96 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	32.53 1.79 -1.46	31.53 1.80 -0.66	34.56 1.75 -3.19	32.82 1.74 -1.62	32.17 1.79 -1.05	33.31 1.86 -1.47	34.75 2.12 0.00	44.61 2.42 -5.48	34.35 2.25 0.00	30.07 1.99 -0.01	29.67 1.89 -1.49	28.83 1.75 -2.73	25.56 1.64 -0.88	23.02 1.42 0.00
NORTHPORT___IC 23718	22.97 1.06 -0.26	21.25 0.92 0.00	19.98 0.84 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.33 0.80 0.00	24.77 1.11 0.00	27.45 1.57 -1.33	27.97 1.77 -0.12	31.18 1.86 -2.37	32.75 2.02 -1.44	31.67 1.95 -0.65	34.78 1.98 -3.18	33.01 1.94 -1.61	32.31 1.97 -1.02	33.48 2.07 -1.43	34.91 2.28 0.01	44.82 2.64 -5.47	34.25 2.15 0.01	29.98 1.91 0.00	29.48 1.71 -1.48	28.60 1.53 -2.72	25.18 1.27 -0.87	22.67 1.08 0.00
NORTH___COUNTRY_ESR 323785	22.04 0.39 0.00	20.72 0.39 0.00	19.50 0.36 0.00	19.06 0.34 0.00	19.53 0.35 0.00	20.92 0.39 0.00	24.13 0.47 0.00	25.04 0.49 0.00	26.60 0.52 0.00	27.46 0.51 0.00	29.90 0.62 0.00	29.70 0.64 0.00	30.36 0.74 0.00	30.20 0.74 0.00	29.97 0.64 0.00	30.67 0.69 0.00	33.32 0.69 0.00	37.51 0.81 0.00	32.81 0.71 0.00	28.69 0.62 0.00	26.87 0.58 0.00	24.85 0.51 0.00	23.51 0.46 0.00	21.98 0.39 0.00
NPX_GEN_1385_PROXY 323591	22.84 0.93 -0.26	21.15 0.81 0.00	19.88 0.75 0.00	19.61 0.88 0.00	20.11 0.92 0.00	21.21 0.68 0.00	24.63 0.97 0.00	27.43 1.55 -1.33	27.92 1.72 -0.12	30.88 1.56 -2.37	32.31 1.58 -1.44	31.35 1.63 -0.65	34.34 1.54 -3.18	32.63 1.56 -1.61	31.96 1.61 -1.02	33.06 1.65 -1.43	34.48 1.86 0.01	44.27 2.09 -5.47	34.18 2.09 0.01	29.87 1.80 0.00	29.43 1.66 -1.48	28.35 1.29 -2.72	25.00 1.08 -0.87	22.58 0.99 0.00
NPX_GEN_CSC 323557	23.42 1.51 -0.26	21.65 1.32 0.00	20.40 1.26 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.78 2.61 -1.89	32.30 2.53 -0.71	35.40 2.55 -3.24	33.84 2.53 -1.85	34.50 2.55 -2.63	35.63 2.61 -3.04	35.48 2.81 -0.04	45.45 3.27 -5.48	34.38 2.28 0.00	30.24 2.16 -0.01	29.86 2.08 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.10 1.51 0.00
NSINS_S_GLNS_FALLS 23858	22.69 1.04 0.00	21.29 0.96 0.00	20.02 0.88 0.00	19.59 0.86 0.00	20.13 0.94 0.00	21.58 1.05 0.00	24.89 1.23 0.00	25.95 1.40 0.00	27.62 1.54 0.00	28.54 1.59 0.00	31.07 1.79 0.00	30.78 1.71 0.00	31.33 1.72 0.00	31.17 1.71 0.00	31.14 1.82 0.00	31.90 1.92 0.00	34.69 2.06 0.00	39.05 2.35 0.00	34.32 2.22 0.00	29.81 1.74 0.00	27.89 1.60 0.00	25.78 1.44 0.00	24.20 1.15 0.00	22.69 1.10 0.00
NUCOR_STEEL___DRP 24197	21.69 0.04 0.00	20.33 0.00 0.00	19.12 -0.02 0.00	18.71 -0.02 0.00	19.17 -0.02 0.00	20.55 0.02 0.00	23.63 -0.02 0.00	24.38 -0.17 0.00	25.92 -0.16 0.00	26.82 -0.13 0.00	29.20 -0.09 0.00	29.01 -0.06 0.00	29.50 -0.12 0.00	29.40 -0.06 0.00	29.24 -0.09 0.00	29.89 -0.09 0.00	32.50 -0.13 0.00	36.48 -0.22 0.00	31.91 -0.19 0.00	27.98 -0.08 0.00	26.24 -0.05 0.00	24.25 -0.10 0.00	23.03 -0.02 0.00	21.63 0.04 0.00
NUMBER_THREE_WT_PWR 323818	21.28 -0.37 0.00	20.01 -0.33 0.00	18.98 -0.15 0.00	18.58 -0.15 0.00	19.06 -0.13 0.00	20.45 -0.08 0.00	23.66 0.00 0.00	24.53 -0.02 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.35 0.06 0.00	29.09 0.03 0.00	29.65 0.03 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.86 0.23 0.00	37.00 0.29 0.00	32.33 0.23 0.00	28.21 0.14 0.00	26.40 0.11 0.00	24.34 0.00 0.00	22.98 -0.07 0.00	21.53 -0.06 0.00
NYISO_LBMP_REFERENCE 24008	21.65 0.00 0.00	20.33 0.00 0.00	19.14 0.00 0.00	18.73 0.00 0.00	19.19 0.00 0.00	20.53 0.00 0.00	23.66 0.00 0.00	24.55 0.00 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.29 0.00 0.00	29.06 0.00 0.00	29.62 0.00 0.00	29.46 0.00 0.00	29.33 0.00 0.00	29.98 0.00 0.00	32.63 0.00 0.00	36.70 0.00 0.00	32.10 0.00 0.00	28.07 0.00 0.00	26.29 0.00 0.00	24.34 0.00 0.00	23.05 0.00 0.00	21.59 0.00 0.00
NYPA_BRENTWD___GT 24164	23.34 1.43 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.90 2.01 -1.33	28.44 2.24 -0.12	31.70 2.37 -2.38	33.06 2.26 -1.52	32.03 2.30 -0.67	35.13 2.31 -3.20	33.30 2.18 -1.65	32.82 2.20 -1.29	34.00 2.31 -1.71	35.54 2.90 0.00	45.52 3.34 -5.48	34.93 2.83 0.00	30.55 2.47 -0.01	29.99 2.21 -1.49	29.03 1.95 -2.74	25.58 1.66 -0.88	23.02 1.42 0.00
NYPA_GOWANUS___GT5 24156	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00
NYPA_GOWANUS___GT6 24157	22.54 0.89 0.00	21.17 0.83 0.00	19.88 0.75 0.00	19.51 0.79 0.00	19.96 0.77 0.00	21.08 0.55 0.00	24.48 0.83 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.18 1.57 0.00	30.99 1.53 0.00	30.91 1.58 0.00	31.60 1.62 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00



NYPA_HARLEM__RVR__GT1 24160	22.52 0.87 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.98 0.45 0.00	24.26 0.61 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.60 1.91 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.39 0.80 0.00
NYPA_HARLEM__RVR__GT2 24161	22.52 0.87 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.98 0.45 0.00	24.26 0.61 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.60 1.91 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.39 0.80 0.00
NYPA_KENT____GT 24152	22.49 0.84 0.00	21.12 0.79 0.00	19.86 0.73 0.00	19.49 0.77 0.00	19.94 0.75 0.00	21.06 0.53 0.00	24.46 0.80 0.00	25.75 1.20 0.00	27.51 1.43 0.00	28.54 1.59 0.00	30.87 1.58 0.00	30.60 1.54 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.57 1.59 0.00	34.56 1.89 -0.03	96.18 2.16 -57.31	77.36 1.93 -43.33	69.85 1.66 -40.13	27.63 1.34 0.00	25.46 1.12 0.00	24.04 0.99 0.00	22.43 0.84 0.00
NYPA_POUCH1____GT 24155	22.49 0.84 0.00	21.12 0.79 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.92 0.73 0.00	21.02 0.49 0.00	24.41 0.76 0.00	25.68 1.13 0.00	27.41 1.33 0.00	28.43 1.48 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.48 1.50 0.00	34.52 1.83 -0.06	138.94 2.13 -100.11	109.68 1.89 -75.69	99.81 1.66 -70.09	27.58 1.29 0.00	25.39 1.05 0.00	24.02 0.97 0.00	22.41 0.82 0.00
NYPA_VERNON____GT2 24162	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.90 0.71 0.00	21.04 0.51 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.49 0.00	31.51 1.53 0.00	34.47 1.83 -0.01	53.31 2.09 -14.52	44.94 1.86 -10.98	39.83 1.60 -10.16	27.60 1.31 0.00	25.41 1.07 0.00	23.99 0.95 0.00	22.39 0.80 0.00
NYPA_VERNON____GT3 24163	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.90 0.71 0.00	21.04 0.51 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.49 0.00	31.51 1.53 0.00	34.47 1.83 -0.01	53.31 2.09 -14.52	44.94 1.86 -10.98	39.83 1.60 -10.16	27.60 1.31 0.00	25.41 1.07 0.00	23.99 0.95 0.00	22.39 0.80 0.00
NYPA__ASTORIA_CC1 323568	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.92 0.73 0.00	21.02 0.49 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.39 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
NYPA__ASTORIA_CC2 323569	22.45 0.80 0.00	21.10 0.77 0.00	19.85 0.71 0.00	19.48 0.75 0.00	19.92 0.73 0.00	21.02 0.49 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.45 1.47 0.00	34.39 1.76 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
NYPA__HOLTSVILL 23794	23.25 1.34 -0.26	21.49 1.16 0.00	20.23 1.09 0.00	19.83 1.10 0.00	20.34 1.15 0.00	21.58 1.05 0.00	25.05 1.40 0.00	27.70 1.82 -1.33	28.26 2.06 -0.12	31.46 2.13 -2.38	33.58 2.40 -1.89	32.13 2.35 -0.71	35.22 2.37 -3.24	33.63 2.33 -1.85	34.30 2.35 -2.63	35.48 2.46 -3.04	35.38 2.71 -0.04	45.30 3.12 -5.48	34.51 2.41 0.00	30.30 2.22 -0.01	29.80 2.02 -1.49	28.98 1.87 -2.76	25.45 1.52 -0.88	22.93 1.34 0.00
NYPA__HELLGATE_GT1 24158	22.52 0.87 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.98 0.45 0.00	24.26 0.61 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.60 1.91 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.39 0.80 0.00
NYPA__HELLGATE_GT2 24159	22.52 0.87 0.00	21.15 0.81 0.00	19.92 0.78 0.00	19.53 0.80 0.00	19.98 0.79 0.00	20.98 0.45 0.00	24.26 0.61 0.01	25.57 1.03 0.01	27.35 1.28 0.01	28.34 1.40 0.01	30.66 1.38 0.01	30.39 1.34 0.01	30.94 1.33 0.01	30.75 1.29 0.01	30.64 1.32 0.01	31.35 1.38 0.01	34.29 1.66 0.01	38.60 1.91 0.01	33.79 1.70 0.01	29.52 1.46 0.01	27.47 1.18 0.01	25.26 0.92 0.01	23.86 0.81 0.00	22.39 0.80 0.00
NYS_BARGE__HYD 23848	21.54 -0.11 0.00	19.88 -0.45 0.00	18.98 -0.15 0.00	18.26 -0.47 0.00	18.75 -0.44 0.00	20.45 -0.08 0.00	23.14 -0.52 0.00	23.64 -0.91 0.00	25.09 -0.99 0.00	25.84 -1.11 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.28 -1.33 0.00	28.28 -1.18 0.00	27.98 -1.35 0.00	28.57 -1.41 0.00	30.68 -1.96 0.00	34.13 -2.57 0.00	30.18 -1.93 0.00	26.78 -1.29 0.00	25.13 -1.16 0.00	23.22 -1.12 0.00	22.17 -0.88 0.00	21.18 -0.41 0.00
OAK ORCHARD__HYD 24046	21.63 -0.02 0.00	20.05 -0.28 0.00	19.04 -0.10 0.00	18.43 -0.30 0.00	18.90 -0.29 0.00	20.51 -0.02 0.00	23.35 -0.31 0.00	24.01 -0.54 0.00	25.51 -0.57 0.00	26.36 -0.59 0.00	28.64 -0.64 0.00	28.57 -0.49 0.00	28.99 -0.62 0.00	28.93 -0.53 0.00	28.68 -0.65 0.00	29.29 -0.69 0.00	31.66 -0.98 0.00	35.35 -1.36 0.00	31.04 -1.06 0.00	27.37 -0.70 0.00	25.66 -0.63 0.00	23.71 -0.63 0.00	22.56 -0.49 0.00	21.35 -0.24 0.00
OAKDALE__35_KV_LOAD 356122	21.82 0.17 0.00	20.49 0.16 0.00	19.27 0.13 0.00	18.86 0.13 0.00	19.32 0.13 0.00	20.67 0.14 0.00	23.85 0.19 0.00	24.70 0.15 0.00	26.26 0.18 0.00	27.14 0.19 0.00	29.49 0.21 0.00	29.30 0.23 0.00	29.79 0.18 0.00	29.67 0.21 0.00	29.53 0.21 0.00	30.16 0.18 0.00	32.76 0.13 0.00	36.78 0.07 0.00	32.20 0.10 0.00	28.24 0.17 0.00	26.45 0.16 0.00	24.46 0.12 0.00	23.16 0.12 0.00	21.81 0.22 0.00
OCC_CHEM__DRP 24175	21.00 -0.65 0.00	19.60 -0.73 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.20 -1.35 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.63 -1.98 0.00	27.63 -1.83 0.00	27.36 -1.96 0.00	27.94 -2.04 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.84 -0.76 0.00



OH_GEN_PROXY 24063	21.37 -0.28 0.00	19.74 -0.59 0.00	18.85 -0.29 0.00	18.13 -0.60 0.00	18.61 -0.58 0.00	20.30 -0.23 0.00	22.97 -0.69 0.00	23.47 -1.08 0.00	24.88 -1.20 0.00	25.60 -1.35 0.00	27.74 -1.55 0.00	27.67 -1.39 0.00	27.99 -1.63 0.00	27.99 -1.47 0.00	27.71 -1.61 0.00	28.30 -1.68 0.00	30.41 -2.22 0.00	33.80 -2.90 0.00	29.92 -2.18 0.00	26.58 -1.49 0.00	24.92 -1.37 0.00	23.05 -1.29 0.00	22.01 -1.04 0.00	21.03 -0.56 0.00
OLIN_CORP_DRP 24177	20.98 -0.67 0.00	19.58 -0.75 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.46 -0.73 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.20 -1.35 0.00	24.62 -1.46 0.00	25.36 -1.59 0.00	27.47 -1.82 0.00	27.47 -1.60 0.00	27.69 -1.93 0.00	27.72 -1.74 0.00	27.42 -1.91 0.00	28.03 -1.95 0.00	30.09 -2.55 0.00	33.44 -3.27 0.00	29.63 -2.47 0.00	26.33 -1.74 0.00	24.69 -1.60 0.00	22.83 -1.51 0.00	21.80 -1.24 0.00	20.86 -0.73 0.00
OLIN_CORP_DSASP 323712	21.22 -0.43 0.00	19.60 -0.73 0.00	18.73 -0.40 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	20.16 -0.37 0.00	22.78 -0.87 0.00	23.25 -1.30 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.66 -1.96 0.00	27.69 -1.77 0.00	27.39 -1.94 0.00	27.97 -2.01 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.83 -0.76 0.00
ONEIDA_HERK_LFGE 323681	21.78 0.13 0.00	20.43 0.10 0.00	19.29 0.15 0.00	18.88 0.15 0.00	19.36 0.17 0.00	20.76 0.23 0.00	23.99 0.33 0.00	24.90 0.34 0.00	26.47 0.39 0.00	27.35 0.40 0.00	29.79 0.50 0.00	29.56 0.49 0.00	30.09 0.47 0.00	29.96 0.50 0.00	29.82 0.50 0.00	30.49 0.51 0.00	33.29 0.65 0.00	37.44 0.73 0.00	32.71 0.61 0.00	28.57 0.51 0.00	26.74 0.45 0.00	24.68 0.34 0.00	23.33 0.28 0.00	21.85 0.26 0.00
ONEIDA___115KV_TB4 55905	22.08 0.43 0.00	20.72 0.39 0.00	19.48 0.34 0.00	19.08 0.36 0.00	19.55 0.36 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.09 0.54 0.00	26.68 0.60 0.00	27.57 0.62 0.00	30.05 0.76 0.00	29.79 0.73 0.00	30.33 0.71 0.00	30.20 0.74 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.55 0.91 0.00	37.66 0.95 0.00	32.87 0.77 0.00	28.74 0.67 0.00	26.92 0.63 0.00	24.85 0.51 0.00	23.51 0.46 0.00	22.07 0.47 0.00
ONONDAGA_REF_OCCRA 23987	21.54 -0.11 0.00	20.21 -0.12 0.00	19.00 -0.13 0.00	18.61 -0.11 0.00	19.07 -0.12 0.00	20.43 -0.10 0.00	23.51 -0.14 0.00	24.28 -0.27 0.00	25.79 -0.29 0.00	26.71 -0.24 0.00	29.05 -0.23 0.00	28.83 -0.23 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.69 -0.42 0.00	27.79 -0.28 0.00	26.05 -0.24 0.00	24.12 -0.22 0.00	22.91 -0.14 0.00	21.50 -0.09 0.00
ONONDAGA___COGEN 23986	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
ONTARIO___LFGE 23819	21.99 0.35 0.00	20.49 0.16 0.00	19.41 0.27 0.00	18.86 0.13 0.00	19.34 0.15 0.00	20.92 0.39 0.00	23.92 0.26 0.00	24.67 0.12 0.00	26.24 0.16 0.00	27.11 0.16 0.00	29.55 0.26 0.00	29.38 0.32 0.00	29.85 0.24 0.00	29.79 0.32 0.00	29.62 0.29 0.00	30.22 0.24 0.00	32.83 0.20 0.00	36.59 -0.11 0.00	32.23 0.13 0.00	28.32 0.25 0.00	26.53 0.24 0.00	24.49 0.15 0.00	23.19 0.14 0.00	21.85 0.26 0.00
ORANGEVILLE_WT_PWR 323706	21.91 0.26 0.00	20.33 0.00 0.00	19.37 0.23 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.86 0.33 0.00	23.70 0.05 0.00	24.31 -0.25 0.00	25.82 -0.26 0.00	26.63 -0.32 0.00	28.91 -0.38 0.00	28.80 -0.26 0.00	29.17 -0.44 0.00	29.17 -0.29 0.00	28.89 -0.44 0.00	29.50 -0.48 0.00	31.78 -0.85 0.00	35.42 -1.29 0.00	31.24 -0.87 0.00	27.65 -0.42 0.00	25.90 -0.39 0.00	23.95 -0.39 0.00	22.77 -0.28 0.00	21.68 0.09 0.00
ORANGEVILLE___ESR 323794	21.91 0.26 0.00	20.33 0.00 0.00	19.37 0.23 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.86 0.33 0.00	23.70 0.05 0.00	24.31 -0.25 0.00	25.82 -0.26 0.00	26.63 -0.32 0.00	28.91 -0.38 0.00	28.80 -0.26 0.00	29.17 -0.44 0.00	29.17 -0.29 0.00	28.89 -0.44 0.00	29.50 -0.48 0.00	31.78 -0.85 0.00	35.42 -1.29 0.00	31.24 -0.87 0.00	27.65 -0.42 0.00	25.90 -0.39 0.00	23.95 -0.39 0.00	22.77 -0.28 0.00	21.68 0.09 0.00
OSWEGATCHIE___HYD 24044	21.00 -0.65 0.00	19.74 -0.59 0.00	18.64 -0.50 0.00	18.24 -0.49 0.00	18.71 -0.48 0.00	20.06 -0.47 0.00	23.18 -0.47 0.00	24.08 -0.47 0.00	25.61 -0.47 0.00	26.47 -0.48 0.00	28.82 -0.47 0.00	28.60 -0.47 0.00	29.20 -0.41 0.00	29.08 -0.38 0.00	28.89 -0.44 0.00	29.56 -0.42 0.00	32.24 -0.39 0.00	36.30 -0.40 0.00	31.68 -0.42 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.93 -0.41 0.00	22.56 -0.49 0.00	21.12 -0.48 0.00
OSWEGO___5 23606	21.22 -0.43 0.00	19.88 -0.45 0.00	18.75 -0.38 0.00	18.31 -0.41 0.00	18.77 -0.42 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.91 -0.64 0.00	25.32 -0.76 0.00	26.17 -0.78 0.00	28.47 -0.82 0.00	28.28 -0.78 0.00	28.79 -0.83 0.00	28.67 -0.79 0.00	28.53 -0.79 0.00	29.14 -0.84 0.00	31.69 -0.95 0.00	35.57 -1.14 0.00	31.11 -1.00 0.00	27.25 -0.81 0.00	25.55 -0.74 0.00	23.66 -0.68 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00
OSWEGO___6 23613	21.22 -0.43 0.00	19.88 -0.45 0.00	18.75 -0.38 0.00	18.31 -0.41 0.00	18.77 -0.42 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.91 -0.64 0.00	25.32 -0.76 0.00	26.17 -0.78 0.00	28.47 -0.82 0.00	28.28 -0.78 0.00	28.79 -0.83 0.00	28.67 -0.79 0.00	28.53 -0.79 0.00	29.14 -0.84 0.00	31.69 -0.95 0.00	35.57 -1.14 0.00	31.11 -1.00 0.00	27.25 -0.81 0.00	25.55 -0.74 0.00	23.66 -0.68 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00
OUTOKUMPU-AB___DRP 24206	21.54 -0.11 0.00	20.11 -0.22 0.00	18.83 -0.31 0.00	18.46 -0.26 0.00	18.94 -0.25 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.14 -0.81 0.00	28.35 -0.94 0.00	28.34 -0.73 0.00	28.52 -1.10 0.00	28.55 -0.91 0.00	28.21 -1.11 0.00	28.81 -1.17 0.00	30.94 -1.70 0.00	34.43 -2.28 0.00	30.47 -1.64 0.00	27.03 -1.04 0.00	25.34 -0.95 0.00	23.44 -0.90 0.00	22.36 -0.69 0.00	21.35 -0.24 0.00
OXBOW___BTM 323836	21.54 -0.11 0.00	19.88 -0.45 0.00	19.00 -0.13 0.00	18.26 -0.47 0.00	18.75 -0.44 0.00	20.45 -0.08 0.00	23.14 -0.52 0.00	23.62 -0.93 0.00	25.06 -1.02 0.00	25.82 -1.13 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.02 -1.60 0.00	28.05 -1.41 0.00	27.71 -1.61 0.00	28.30 -1.68 0.00	30.38 -2.25 0.00	33.77 -2.94 0.00	29.89 -2.21 0.00	26.55 -1.52 0.00	24.90 -1.39 0.00	23.03 -1.31 0.00	21.99 -1.06 0.00	21.01 -0.58 0.00



OXBOW____ 24026	21.54 -0.11 0.00	19.88 -0.45 0.00	19.00 -0.13 0.00	18.26 -0.47 0.00	18.75 -0.44 0.00	20.45 -0.08 0.00	23.14 -0.52 0.00	23.62 -0.93 0.00	25.06 -1.02 0.00	25.82 -1.13 0.00	28.00 -1.29 0.00	27.96 -1.10 0.00	28.02 -1.60 0.00	28.05 -1.41 0.00	27.71 -1.61 0.00	28.30 -1.68 0.00	30.38 -2.25 0.00	33.77 -2.94 0.00	29.89 -2.21 0.00	26.55 -1.52 0.00	24.90 -1.39 0.00	23.03 -1.31 0.00	21.99 -1.06 0.00	21.01 -0.58 0.00
OXY_CHEM_DSASP 323612	21.00 -0.65 0.00	19.60 -0.73 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.20 -1.35 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.63 -1.98 0.00	27.63 -1.83 0.00	27.36 -1.96 0.00	27.94 -2.04 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.84 -0.76 0.00
OZONE_PARK_ESR 323760	22.52 0.87 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.46 0.73 0.00	19.92 0.73 0.00	21.25 0.72 0.00	24.65 0.99 0.00	26.00 1.45 0.00	27.75 1.67 0.00	28.76 1.81 0.00	31.10 1.82 0.00	30.84 1.77 0.00	31.45 1.84 0.00	31.26 1.80 0.00	31.11 1.79 0.00	31.81 1.83 0.00	34.72 2.09 0.00	39.05 2.35 0.00	34.22 2.12 0.00	29.89 1.82 0.00	27.87 1.58 0.00	25.66 1.31 0.00	24.20 1.15 0.00	22.52 0.93 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	21.00 -0.65 0.00	19.60 -0.73 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.20 -1.35 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.63 -1.98 0.00	27.63 -1.83 0.00	27.36 -1.96 0.00	27.94 -2.04 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.84 -0.76 0.00
PACKARD__115KV_DUPONT_184 80571	21.00 -0.65 0.00	19.60 -0.73 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.20 -1.35 0.00	24.62 -1.46 0.00	25.33 -1.62 0.00	27.47 -1.82 0.00	27.41 -1.66 0.00	27.63 -1.98 0.00	27.63 -1.83 0.00	27.36 -1.96 0.00	27.94 -2.04 0.00	29.99 -2.64 0.00	33.33 -3.38 0.00	29.53 -2.57 0.00	26.24 -1.82 0.00	24.63 -1.66 0.00	22.78 -1.56 0.00	21.78 -1.27 0.00	20.84 -0.76 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	22.52 0.87 0.00	21.10 0.77 0.00	19.96 0.82 0.00	19.49 0.77 0.00	19.96 0.77 0.00	21.04 0.51 0.00	24.27 0.62 0.00	25.61 1.06 0.00	27.33 1.25 0.00	28.32 1.37 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.67 1.35 0.00	31.33 1.35 0.00	34.26 1.63 0.00	38.54 1.84 0.00	33.77 1.67 0.00	29.47 1.40 0.00	27.42 1.13 0.00	25.27 0.93 0.00	23.88 0.83 0.00	22.39 0.80 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	22.80 1.15 0.00	21.35 1.02 0.00	20.19 1.05 0.00	19.72 0.99 0.00	20.19 1.00 0.00	21.27 0.74 0.00	24.56 0.90 0.00	25.90 1.35 0.00	27.64 1.56 0.00	28.62 1.67 0.00	30.96 1.67 0.00	30.69 1.63 0.00	31.30 1.69 0.00	31.11 1.65 0.00	31.00 1.67 0.00	31.66 1.68 0.00	34.62 1.99 0.00	38.94 2.24 0.00	34.09 1.99 0.00	29.78 1.71 0.00	27.68 1.39 0.00	25.51 1.17 0.00	24.13 1.08 0.00	22.63 1.04 0.00
PATROON__115KV_TB1 80586	21.97 0.32 0.00	20.68 0.35 0.00	19.50 0.36 0.00	19.08 0.36 0.00	19.53 0.35 0.00	20.90 0.37 0.00	23.99 0.33 0.00	25.04 0.49 0.00	26.44 0.37 0.00	27.30 0.35 0.00	29.67 0.38 0.00	29.38 0.32 0.00	30.00 0.39 0.00	29.81 0.35 0.00	29.71 0.38 0.00	30.40 0.42 0.00	33.09 0.46 0.00	37.29 0.59 0.00	32.62 0.51 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.71 0.37 0.00	23.30 0.25 0.00	21.74 0.15 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	22.04 0.39 0.00	20.60 0.26 0.00	19.29 0.15 0.00	18.93 0.21 0.00	19.42 0.23 0.00	20.76 0.23 0.00	23.87 0.21 0.00	24.58 0.02 0.00	26.13 0.05 0.00	26.95 0.00 0.00	29.23 -0.06 0.00	29.21 0.15 0.00	29.47 -0.15 0.00	29.49 0.03 0.00	29.18 -0.15 0.00	29.80 -0.18 0.00	32.05 -0.59 0.00	35.71 -0.99 0.00	31.56 -0.55 0.00	27.96 -0.11 0.00	26.16 -0.13 0.00	24.22 -0.12 0.00	23.05 0.00 0.00	22.00 0.41 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	22.45 0.80 0.00	21.08 0.75 0.00	19.85 0.71 0.00	19.40 0.67 0.00	19.84 0.65 0.00	21.15 0.62 0.00	24.44 0.78 0.00	25.68 1.13 0.00	27.38 1.30 0.00	28.35 1.40 0.00	30.75 1.46 0.00	30.46 1.40 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.54 1.56 0.00	34.40 1.76 0.00	38.80 2.09 0.00	33.80 1.70 0.00	29.47 1.40 0.00	27.58 1.29 0.00	25.44 1.10 0.00	23.90 0.85 0.00	22.32 0.73 0.00
PEEKSKILL____ 23653	22.21 0.56 0.00	20.88 0.55 0.00	19.62 0.48 0.00	19.25 0.52 0.00	19.69 0.50 0.00	20.94 0.41 0.00	24.27 0.61 0.00	25.48 0.93 0.00	27.20 1.12 0.00	28.13 1.18 0.00	30.49 1.20 0.00	30.20 1.13 0.00	30.77 1.15 0.00	30.55 1.09 0.00	30.47 1.14 0.00	31.18 1.20 0.00	34.04 1.40 0.00	38.36 1.65 0.00	33.55 1.45 0.00	29.27 1.21 0.00	27.37 1.08 0.00	25.24 0.90 0.00	23.76 0.72 0.00	22.17 0.58 0.00
PGE MADISON__WINDPWR 24146	23.45 1.80 0.00	21.90 1.57 0.00	20.59 1.45 0.00	20.13 1.41 0.00	20.65 1.46 0.00	22.25 1.72 0.00	25.79 2.13 0.00	26.76 2.21 0.00	28.56 2.48 0.00	29.54 2.59 0.00	32.22 2.93 0.00	32.06 2.99 0.00	32.72 3.11 0.00	32.64 3.18 0.00	32.43 3.11 0.00	33.13 3.15 0.00	36.26 3.62 0.00	40.63 3.93 0.00	35.44 3.34 0.00	30.93 2.86 0.00	28.92 2.63 0.00	26.53 2.19 0.00	25.01 1.96 0.00	23.53 1.94 0.00
PIERCEFIELD__HYD 23852	21.26 -0.39 0.00	19.99 -0.35 0.00	18.83 -0.31 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.22 -0.31 0.00	23.35 -0.31 0.00	24.31 -0.25 0.00	25.84 -0.23 0.00	26.68 -0.27 0.00	29.08 -0.21 0.00	28.89 -0.17 0.00	29.56 -0.06 0.00	29.40 -0.06 0.00	29.21 -0.12 0.00	29.83 -0.15 0.00	32.44 -0.20 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.12 -0.22 0.00	22.75 -0.30 0.00	21.27 -0.32 0.00
PINELAWN_CC_1 323563	23.21 1.30 -0.26	21.47 1.14 0.00	20.19 1.05 0.00	19.79 1.07 0.00	20.28 1.09 0.00	21.56 1.03 0.00	25.03 1.37 0.00	27.72 1.84 -1.33	28.26 2.06 -0.12	31.51 2.18 -2.38	33.07 2.29 -1.50	31.97 2.24 -0.67	35.09 2.28 -3.20	33.31 2.21 -1.64	32.76 2.23 -1.21	33.94 2.34 -1.62	35.31 2.68 0.00	45.27 3.08 -5.48	34.70 2.60 0.00	30.35 2.27 -0.01	29.83 2.05 -1.49	28.88 1.80 -2.73	25.47 1.54 -0.88	22.91 1.32 0.00
PJM_GEN_HTP_PROXY 323702	22.30 0.65 0.00	20.96 0.63 0.00	19.71 0.57 0.00	19.34 0.62 0.00	19.78 0.60 0.00	21.02 0.49 0.00	24.44 0.78 0.00	25.73 1.18 0.00	27.43 1.36 0.00	28.43 1.48 0.00	30.78 1.49 0.00	30.49 1.42 0.00	31.04 1.42 0.00	30.85 1.38 0.00	30.73 1.41 0.00	31.45 1.47 0.00	34.33 1.70 0.00	38.65 1.94 0.00	33.83 1.73 0.00	29.53 1.46 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.95 0.90 0.00	22.33 0.73 0.00



PJM_GEN_KEystone 24065	21.91 0.26 0.00	20.48 0.14 0.00	19.35 0.21 0.00	18.86 0.13 0.00	19.30 0.12 0.00	20.74 0.21 0.00	23.85 0.19 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.19 0.24 0.00	29.44 0.15 0.00	29.24 0.18 0.00	29.71 0.09 0.00	29.58 0.12 0.00	29.41 0.09 0.00	30.07 0.09 0.00	32.67 0.03 0.00	36.63 -0.07 0.00	32.17 0.06 0.00	28.27 0.20 0.00	26.42 0.13 0.00	24.44 0.10 0.00	23.12 0.07 0.00	21.76 0.17 0.00
PJM_GEN_NEPTUNE_PROXY 323594	22.84 0.93 -0.26	21.17 0.83 0.00	19.88 0.75 0.00	19.49 0.77 0.00	19.98 0.79 0.00	21.23 0.70 0.00	24.65 0.99 0.00	27.31 1.42 -1.33	27.82 1.62 -0.12	31.06 1.73 -2.38	32.53 1.76 -1.48	31.45 1.71 -0.67	34.53 1.72 -3.19	32.77 1.68 -1.63	32.17 1.70 -1.14	33.30 1.77 -1.55	34.66 2.02 0.00	44.54 2.35 -5.48	34.09 1.99 0.00	29.82 1.74 -0.01	29.33 1.55 -1.49	28.44 1.36 -2.73	25.08 1.15 -0.88	22.56 0.97 0.00
PJM_GEN_VFT_PROXY 323633	22.19 0.54 0.00	20.86 0.53 0.00	19.62 0.48 0.00	19.27 0.54 0.00	19.69 0.50 0.00	20.90 0.37 0.00	24.32 0.66 0.00	25.63 1.08 0.00	27.36 1.28 0.00	28.35 1.40 0.00	30.67 1.38 0.00	30.40 1.34 0.00	30.95 1.33 0.00	30.76 1.29 0.00	30.65 1.32 0.00	31.33 1.35 0.00	34.23 1.60 0.00	38.47 1.76 0.00	33.71 1.60 0.00	29.44 1.38 0.00	27.47 1.18 0.00	25.32 0.97 0.00	23.86 0.81 0.00	22.22 0.63 0.00
PLATSBURG_115KV_PMLD1 355749	22.39 0.74 0.00	21.06 0.73 0.00	19.81 0.67 0.00	19.34 0.62 0.00	19.84 0.65 0.00	21.27 0.74 0.00	24.53 0.88 0.00	25.48 0.93 0.00	27.04 0.96 0.00	27.92 0.97 0.00	30.40 1.11 0.00	30.23 1.16 0.00	30.92 1.30 0.00	30.73 1.27 0.00	30.50 1.17 0.00	31.18 1.20 0.00	33.87 1.24 0.00	38.13 1.43 0.00	33.32 1.22 0.00	29.16 1.09 0.00	27.32 1.03 0.00	25.27 0.93 0.00	23.88 0.83 0.00	22.35 0.76 0.00
PLEASANTVLY__LBMP 24000	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.98 0.45 0.00	24.25 0.59 0.00	25.41 0.86 0.00	27.07 0.99 0.00	28.00 1.05 0.00	30.34 1.05 0.00	30.05 0.99 0.00	30.68 1.07 0.00	30.46 1.00 0.00	30.35 1.03 0.00	31.06 1.08 0.00	33.87 1.24 0.00	38.17 1.47 0.00	33.35 1.25 0.00	29.11 1.04 0.00	27.24 0.95 0.00	25.15 0.80 0.00	23.69 0.65 0.00	22.13 0.54 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	22.28 0.63 0.00	20.92 0.59 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.75 0.56 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.30 1.35 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.50 1.21 0.00	25.36 1.02 0.00	23.88 0.83 0.00	22.28 0.69 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	22.28 0.63 0.00	20.92 0.59 0.00	19.71 0.57 0.00	19.27 0.54 0.00	19.75 0.56 0.00	21.06 0.53 0.00	24.39 0.73 0.00	25.63 1.08 0.00	27.33 1.25 0.00	28.30 1.35 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.79 1.33 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.50 1.21 0.00	25.36 1.02 0.00	23.88 0.83 0.00	22.28 0.69 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	22.32 0.67 0.00	20.96 0.63 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.10 0.57 0.00	24.39 0.73 0.00	25.51 0.96 0.00	27.17 1.10 0.00	28.08 1.13 0.00	30.43 1.14 0.00	30.17 1.10 0.00	30.77 1.16 0.00	30.58 1.12 0.00	30.50 1.17 0.00	31.21 1.23 0.00	34.04 1.40 0.00	38.39 1.69 0.00	33.55 1.44 0.00	29.28 1.21 0.00	27.34 1.05 0.00	25.29 0.95 0.00	23.79 0.74 0.00	22.24 0.65 0.00
POLETTI____ 23519	22.30 0.65 0.00	20.92 0.59 0.00	19.73 0.59 0.00	19.29 0.56 0.00	19.75 0.56 0.00	21.04 0.51 0.00	24.39 0.73 0.00	25.71 1.15 0.00	27.41 1.33 0.00	28.41 1.46 0.00	30.72 1.44 0.00	30.46 1.40 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.42 1.44 0.00	34.30 1.66 0.00	38.58 1.87 0.00	33.77 1.67 0.00	29.53 1.46 0.00	27.53 1.24 0.00	25.36 1.02 0.00	23.93 0.88 0.00	22.30 0.71 0.00
POMONA____ESR 323819	22.19 0.54 0.00	20.88 0.55 0.00	19.62 0.48 0.00	19.23 0.51 0.00	19.69 0.50 0.00	20.94 0.41 0.00	24.37 0.71 0.00	25.58 1.03 0.00	27.28 1.20 0.00	28.24 1.29 0.00	30.58 1.29 0.00	30.29 1.22 0.00	30.86 1.24 0.00	30.64 1.18 0.00	30.56 1.23 0.00	31.27 1.29 0.00	34.14 1.50 0.00	38.47 1.76 0.00	33.64 1.54 0.00	29.39 1.32 0.00	27.45 1.16 0.00	25.32 0.97 0.00	23.83 0.78 0.00	22.24 0.65 0.00
PORT_JEFF_3 23555	23.29 1.39 -0.26	21.55 1.22 0.00	20.29 1.15 0.00	19.89 1.16 0.00	20.38 1.19 0.00	21.64 1.11 0.00	25.10 1.44 0.00	27.77 1.89 -1.33	28.34 2.14 -0.12	31.54 2.21 -2.38	33.67 2.49 -1.89	32.18 2.41 -0.71	35.31 2.46 -3.24	33.73 2.42 -1.85	34.41 2.43 -2.65	35.57 2.52 -3.06	35.48 2.81 -0.04	45.42 3.23 -5.48	34.64 2.54 0.00	30.38 2.30 -0.01	29.88 2.10 -1.49	29.03 1.92 -2.76	25.51 1.59 -0.88	22.99 1.40 0.00
PORT_JEFF_4 23616	23.29 1.39 -0.26	21.55 1.22 0.00	20.29 1.15 0.00	19.89 1.16 0.00	20.38 1.19 0.00	21.64 1.11 0.00	25.10 1.44 0.00	27.77 1.89 -1.33	28.34 2.14 -0.12	31.54 2.21 -2.38	33.67 2.49 -1.89	32.18 2.41 -0.71	35.31 2.46 -3.24	33.73 2.42 -1.85	34.41 2.43 -2.65	35.57 2.52 -3.06	35.48 2.81 -0.04	45.42 3.23 -5.48	34.64 2.54 0.00	30.38 2.30 -0.01	29.88 2.10 -1.49	29.03 1.92 -2.76	25.51 1.59 -0.88	22.99 1.40 0.00
PORT_JEFF_IC 23713	23.34 1.43 -0.26	21.57 1.24 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.66 1.13 0.00	25.15 1.49 0.00	27.82 1.94 -1.33	28.36 2.16 -0.12	31.59 2.26 -2.38	33.72 2.52 -1.91	32.24 2.47 -0.71	35.34 2.49 -3.24	33.76 2.44 -1.86	34.52 2.46 -2.73	35.71 2.58 -3.15	35.52 2.84 -0.04	45.49 3.30 -5.48	34.67 2.57 0.00	30.41 2.33 -0.01	29.91 2.13 -1.49	29.08 1.97 -2.77	25.56 1.64 -0.88	23.02 1.42 0.00
PPL PILGRIM_ST_GT1 24216	23.34 1.43 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.90 2.01 -1.33	28.44 2.24 -0.12	31.70 2.37 -2.38	33.06 2.26 -1.52	32.03 2.30 -0.67	35.13 2.31 -3.20	33.30 2.18 -1.65	32.82 2.20 -1.29	34.00 2.31 -1.71	35.54 2.90 0.00	45.52 3.34 -5.48	34.93 2.83 0.00	30.55 2.47 -0.01	29.99 2.21 -1.49	29.03 1.95 -2.74	25.58 1.66 -0.88	23.02 1.42 0.00
PPL PILGRIM_ST_GT2 24217	23.34 1.43 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.70 1.17 0.00	25.17 1.52 0.00	27.90 2.01 -1.33	28.44 2.24 -0.12	31.70 2.37 -2.38	33.06 2.26 -1.52	32.03 2.30 -0.67	35.13 2.31 -3.20	33.30 2.18 -1.65	32.82 2.20 -1.29	34.00 2.31 -1.71	35.54 2.90 0.00	45.52 3.34 -5.48	34.93 2.83 0.00	30.55 2.47 -0.01	29.99 2.21 -1.49	29.03 1.95 -2.74	25.58 1.66 -0.88	23.02 1.42 0.00



PPL_SHRM_GT3 24213	23.44 1.54 -0.26	21.65 1.32 0.00	20.42 1.28 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.43 2.58 -3.24	33.87 2.56 -1.85	34.55 2.58 -2.64	35.67 2.64 -3.05	35.51 2.84 -0.04	45.49 3.30 -5.48	34.42 2.31 0.00	30.27 2.19 -0.01	29.88 2.10 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
PPL_SHRM_GT4 24214	23.44 1.54 -0.26	21.65 1.32 0.00	20.42 1.28 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.43 2.58 -3.24	33.87 2.56 -1.85	34.55 2.58 -2.64	35.67 2.64 -3.05	35.51 2.84 -0.04	45.49 3.30 -5.48	34.42 2.31 0.00	30.27 2.19 -0.01	29.88 2.10 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
PROJECT___ORANGE 1 24174	21.45 -0.19 0.00	20.13 -0.20 0.00	18.93 -0.21 0.00	18.54 -0.19 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.16 -0.39 0.00	25.66 -0.42 0.00	26.55 -0.40 0.00	28.91 -0.38 0.00	28.66 -0.41 0.00	29.11 -0.50 0.00	28.99 -0.47 0.00	28.86 -0.47 0.00	29.47 -0.51 0.00	32.05 -0.59 0.00	35.97 -0.73 0.00	31.46 -0.64 0.00	27.59 -0.48 0.00	25.90 -0.39 0.00	23.98 -0.37 0.00	22.80 -0.25 0.00	21.40 -0.19 0.00
PROJECT___ORANGE 2 24166	21.45 -0.19 0.00	20.13 -0.20 0.00	18.93 -0.21 0.00	18.54 -0.19 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.16 -0.39 0.00	25.66 -0.42 0.00	26.55 -0.40 0.00	28.91 -0.38 0.00	28.66 -0.41 0.00	29.11 -0.50 0.00	28.99 -0.47 0.00	28.86 -0.47 0.00	29.47 -0.51 0.00	32.05 -0.59 0.00	35.97 -0.73 0.00	31.46 -0.64 0.00	27.59 -0.48 0.00	25.90 -0.39 0.00	23.98 -0.37 0.00	22.80 -0.25 0.00	21.40 -0.19 0.00
PUCKETT___SOLAR 323809	22.34 0.69 0.00	20.88 0.55 0.00	19.69 0.56 0.00	19.21 0.49 0.00	19.69 0.50 0.00	21.19 0.66 0.00	24.41 0.76 0.00	25.29 0.74 0.00	26.91 0.83 0.00	27.81 0.86 0.00	30.23 0.94 0.00	29.99 0.93 0.00	30.54 0.92 0.00	30.43 0.97 0.00	30.26 0.94 0.00	30.94 0.96 0.00	33.68 1.04 0.00	37.77 1.07 0.00	33.06 0.96 0.00	28.94 0.87 0.00	27.11 0.82 0.00	25.02 0.68 0.00	23.65 0.60 0.00	22.26 0.67 0.00
PYRITES___HYD 24023	21.69 0.04 0.00	20.39 0.06 0.00	19.19 0.06 0.00	18.76 0.04 0.00	19.25 0.06 0.00	20.63 0.10 0.00	23.87 0.21 0.00	24.87 0.32 0.00	26.50 0.42 0.00	27.38 0.43 0.00	29.84 0.56 0.00	29.67 0.61 0.00	30.42 0.80 0.00	30.29 0.82 0.00	30.06 0.73 0.00	30.67 0.69 0.00	33.25 0.62 0.00	37.40 0.70 0.00	32.68 0.58 0.00	28.55 0.48 0.00	26.71 0.42 0.00	24.66 0.32 0.00	23.26 0.21 0.00	21.74 0.15 0.00
QUAKERRD_115KV_BK1 80622	20.96 -0.69 0.00	19.58 -0.75 0.00	18.37 -0.77 0.00	18.00 -0.73 0.00	18.46 -0.73 0.00	19.77 -0.76 0.00	22.71 -0.95 0.00	23.42 -1.13 0.00	24.93 -1.15 0.00	25.76 -1.19 0.00	28.03 -1.26 0.00	27.93 -1.13 0.00	28.31 -1.30 0.00	28.28 -1.18 0.00	28.06 -1.26 0.00	28.66 -1.32 0.00	31.07 -1.57 0.00	34.72 -1.98 0.00	30.43 -1.67 0.00	26.78 -1.29 0.00	25.11 -1.18 0.00	23.20 -1.14 0.00	22.08 -0.97 0.00	20.84 -0.76 0.00
QUENSBRY_115KV_TB8 356137	22.71 1.06 0.00	21.31 0.98 0.00	20.04 0.90 0.00	19.61 0.88 0.00	20.15 0.96 0.00	21.60 1.07 0.00	24.91 1.25 0.00	26.00 1.45 0.00	27.67 1.59 0.00	28.59 1.64 0.00	31.16 1.87 0.00	30.87 1.80 0.00	31.42 1.81 0.00	31.26 1.80 0.00	31.23 1.91 0.00	31.96 1.98 0.00	34.75 2.12 0.00	39.13 2.42 0.00	34.38 2.28 0.00	29.89 1.82 0.00	27.95 1.66 0.00	25.83 1.48 0.00	24.25 1.20 0.00	22.71 1.12 0.00
RAMAPO___LBMP 323565	22.13 0.48 0.00	20.78 0.45 0.00	19.60 0.46 0.00	19.16 0.43 0.00	19.61 0.42 0.00	20.94 0.41 0.00	24.15 0.50 0.00	25.36 0.81 0.00	27.02 0.94 0.00	27.92 0.97 0.00	30.25 0.97 0.00	29.97 0.90 0.00	30.56 0.95 0.00	30.37 0.91 0.00	30.26 0.94 0.00	30.94 0.96 0.00	33.78 1.14 0.00	38.06 1.36 0.00	33.29 1.19 0.00	29.05 0.98 0.00	27.16 0.87 0.00	25.07 0.73 0.00	23.63 0.58 0.00	22.04 0.45 0.00
RANKINE____ 23646	21.78 0.13 0.00	20.35 0.02 0.00	19.06 -0.08 0.00	18.69 -0.04 0.00	19.19 0.00 0.00	20.49 -0.04 0.00	23.54 -0.12 0.00	24.23 -0.32 0.00	25.77 -0.31 0.00	26.55 -0.40 0.00	28.79 -0.50 0.00	28.77 -0.29 0.00	29.02 -0.59 0.00	29.05 -0.41 0.00	28.74 -0.59 0.00	29.35 -0.63 0.00	31.56 -1.08 0.00	35.13 -1.58 0.00	31.04 -1.06 0.00	27.54 -0.53 0.00	25.79 -0.50 0.00	23.88 -0.46 0.00	22.73 -0.32 0.00	21.70 0.11 0.00
RAVENSWOOD_GT2_1 24244	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT2_2 24245	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.13 1.51 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT2_3 24246	22.34 0.69 0.00	20.96 0.63 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT2_4 24247	22.34 0.69 0.00	20.96 0.63 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.96 1.50 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT3_1 24248	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00



RAVENSWOOD_GT3_2 24249	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT3_3 24250	22.36 0.71 0.00	20.98 0.65 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.10 0.57 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.49 1.54 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.44 1.10 0.00	23.99 0.95 0.00	22.37 0.78 0.00
RAVENSWOOD_GT3_4 24251	22.36 0.71 0.00	20.98 0.65 0.00	19.79 0.65 0.00	19.34 0.62 0.00	19.80 0.61 0.00	21.10 0.57 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.49 1.54 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.43 1.79 0.00	38.72 2.02 0.00	33.90 1.80 0.00	29.61 1.54 0.00	27.63 1.34 0.00	25.44 1.10 0.00	23.99 0.95 0.00	22.37 0.78 0.00
RAVENSWOOD_GT_1 23729	22.45 0.80 0.00	21.06 0.73 0.00	19.88 0.75 0.00	19.42 0.69 0.00	19.90 0.71 0.00	21.10 0.57 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.51 1.43 0.00	28.51 1.56 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.88 1.55 0.00	31.54 1.56 0.00	34.47 1.83 -0.01	53.31 2.09 -14.52	44.94 1.86 -10.98	39.83 1.60 -10.16	27.60 1.31 0.00	25.41 1.07 0.00	23.99 0.95 0.00	22.39 0.80 0.00
RAVENSWOOD_GT_10 24258	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT_11 24259	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT_4 24252	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 -0.01	49.74 1.98 -11.06	42.23 1.77 -8.36	37.32 1.52 -7.74	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.32 0.73 0.00
RAVENSWOOD_GT_5 24254	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 -0.01	49.74 1.98 -11.06	42.23 1.77 -8.36	37.32 1.52 -7.74	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.32 0.73 0.00
RAVENSWOOD_GT_6 24253	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 -0.01	49.74 1.98 -11.06	42.23 1.77 -8.36	37.32 1.52 -7.74	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.32 0.73 0.00
RAVENSWOOD_GT_7 24255	22.32 0.67 0.00	20.94 0.61 0.00	19.75 0.61 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.40 1.76 -0.01	49.74 1.98 -11.06	42.23 1.77 -8.36	37.32 1.52 -7.74	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.32 0.73 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD_GT_9 24257	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.44 0.78 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.48 1.50 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00
RAVENSWOOD___1 23533	22.45 0.80 0.00	21.08 0.75 0.00	19.83 0.69 0.00	19.46 0.73 0.00	19.90 0.71 0.00	21.04 0.51 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.49 1.54 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.10 1.48 0.00	30.90 1.44 0.00	30.79 1.47 0.00	31.51 1.53 0.00	34.46 1.83 0.00	38.79 2.09 0.00	33.93 1.83 0.00	29.67 1.60 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.99 0.95 0.00	22.39 0.80 0.00
RAVENSWOOD___2 23534	22.43 0.78 0.00	21.08 0.75 0.00	19.83 0.69 0.00	19.46 0.73 0.00	19.88 0.69 0.00	21.02 0.49 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.79 1.47 0.00	31.48 1.50 0.00	34.43 1.79 0.00	38.76 2.05 0.00	33.93 1.83 0.00	29.64 1.57 0.00	27.58 1.29 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
RAVENSWOOD___3 23535	22.34 0.69 0.00	21.00 0.67 0.00	19.73 0.59 0.00	19.38 0.66 0.00	19.80 0.61 0.00	21.02 0.49 0.00	24.44 0.78 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.76 1.44 0.00	31.48 1.50 0.00	34.39 1.76 0.00	38.68 1.98 0.00	33.87 1.76 0.00	29.58 1.51 0.00	27.58 1.29 0.00	25.41 1.07 0.00	23.97 0.92 0.00	22.35 0.76 0.00



RAVENSWOOD___4 23820	22.43 0.78 0.00	21.06 0.73 0.00	19.81 0.67 0.00	19.44 0.71 0.00	19.88 0.69 0.00	21.02 0.49 0.00	24.41 0.76 0.00	25.71 1.15 0.00	27.43 1.36 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.07 1.45 0.00	30.87 1.41 0.00	30.79 1.47 0.00	31.48 1.50 0.00	34.42 1.79 0.01	24.46 2.05 14.30	23.12 1.83 10.81	19.63 1.57 10.01	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
RCPI_TRUST___DRP 24196	22.34 0.69 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.10 0.57 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.49 1.54 0.00	30.84 1.55 0.00	30.58 1.51 0.00	31.19 1.57 0.00	30.99 1.53 0.00	30.85 1.52 0.00	31.54 1.56 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.63 1.34 0.00	25.44 1.10 0.00	23.99 0.95 0.00	22.35 0.76 0.00
RED___ROCHESTER 323720	21.74 0.09 0.00	20.15 -0.18 0.00	19.14 0.00 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.61 0.08 0.00	23.47 -0.19 0.00	24.13 -0.42 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.20 -0.41 0.00	29.17 -0.29 0.00	28.89 -0.44 0.00	29.53 -0.45 0.00	31.92 -0.72 0.00	35.64 -1.07 0.00	31.27 -0.83 0.00	27.53 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
REGAN___SOLAR 323812	23.51 1.86 0.00	22.08 1.75 0.00	20.71 1.57 0.00	20.26 1.54 0.00	20.86 1.67 0.00	22.38 1.85 0.00	25.91 2.25 0.00	26.91 2.36 0.00	28.58 2.50 0.00	29.46 2.51 0.00	32.16 2.87 0.00	31.86 2.79 0.00	32.37 2.75 0.00	32.26 2.80 0.00	32.29 2.96 0.00	33.28 3.30 0.00	36.45 3.82 0.00	40.92 4.22 0.00	36.11 4.01 0.00	31.38 3.31 0.00	29.31 3.02 0.00	27.04 2.70 0.00	25.33 2.28 0.00	23.71 2.12 0.00
RENSSELAER___COGEN 23796	21.67 0.02 0.00	20.48 0.14 0.00	19.25 0.12 0.00	18.91 0.19 0.00	19.36 0.17 0.00	20.61 0.08 0.00	23.70 0.05 0.00	24.70 0.15 0.00	26.26 0.18 0.00	27.14 0.19 0.00	29.46 0.18 0.00	29.21 0.15 0.00	29.79 0.18 0.00	29.58 0.12 0.00	29.50 0.18 0.00	30.19 0.21 0.00	32.89 0.26 0.00	37.11 0.40 0.00	32.42 0.32 0.00	28.27 0.20 0.00	26.48 0.19 0.00	24.59 0.24 0.00	23.19 0.14 0.00	21.66 0.06 0.00
REPUBLIC_115KV_BARTNBRK 55605	23.38 1.73 0.00	21.92 1.59 0.00	20.57 1.44 0.00	20.15 1.42 0.00	20.74 1.55 0.00	22.25 1.72 0.00	25.69 2.03 0.00	26.86 2.31 0.00	28.61 2.53 0.00	29.56 2.61 0.00	32.30 3.02 0.00	32.00 2.94 0.00	32.49 2.87 0.00	32.35 2.89 0.00	32.37 3.05 0.00	33.19 3.21 0.00	35.99 3.36 0.00	40.48 3.78 0.00	35.73 3.63 0.00	30.96 2.89 0.00	28.92 2.63 0.00	26.68 2.34 0.00	24.99 1.94 0.00	23.45 1.86 0.00
REVERE_CPPR_DRP 24186	22.15 0.50 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.16 0.43 0.00	19.63 0.44 0.00	21.06 0.53 0.00	24.34 0.69 0.00	25.24 0.69 0.00	26.86 0.78 0.00	27.76 0.81 0.00	30.25 0.97 0.00	29.99 0.93 0.00	30.53 0.92 0.00	30.40 0.94 0.00	30.29 0.97 0.00	31.00 1.02 0.00	33.84 1.21 0.00	37.99 1.28 0.00	33.16 1.06 0.00	28.97 0.90 0.00	27.13 0.84 0.00	25.02 0.68 0.00	23.65 0.60 0.00	22.17 0.58 0.00
REYNOLDS_115KV_TB3 80639	21.95 0.30 0.00	20.66 0.33 0.00	19.46 0.33 0.00	19.06 0.34 0.00	19.52 0.33 0.00	20.88 0.35 0.00	23.99 0.33 0.00	25.02 0.47 0.00	26.47 0.39 0.00	27.33 0.38 0.00	29.67 0.38 0.00	29.41 0.35 0.00	30.00 0.39 0.00	29.81 0.35 0.00	29.71 0.38 0.00	30.40 0.42 0.00	33.12 0.49 0.00	37.36 0.66 0.00	32.65 0.55 0.00	28.46 0.39 0.00	26.66 0.37 0.00	24.76 0.41 0.00	23.33 0.28 0.00	21.79 0.19 0.00
RIVERBAY____ 323610	22.80 1.15 0.00	21.35 1.02 0.00	20.19 1.05 0.00	19.72 0.99 0.00	20.19 1.00 0.00	21.27 0.74 0.00	24.56 0.90 0.00	25.90 1.35 0.00	27.64 1.56 0.00	28.62 1.67 0.00	30.96 1.67 0.00	30.69 1.63 0.00	31.30 1.69 0.00	31.11 1.65 0.00	31.00 1.67 0.00	31.66 1.68 0.00	34.62 1.99 0.00	38.94 2.24 0.00	34.09 1.99 0.00	29.78 1.71 0.00	27.68 1.39 0.00	25.51 1.17 0.00	24.13 1.08 0.00	22.63 1.04 0.00
RIVERSDE_115KV_TB3 55908	21.93 0.28 0.00	20.66 0.33 0.00	19.46 0.33 0.00	19.06 0.34 0.00	19.50 0.31 0.00	20.86 0.33 0.00	23.96 0.31 0.00	24.99 0.44 0.00	26.42 0.34 0.00	27.27 0.32 0.00	29.61 0.32 0.00	29.36 0.29 0.00	29.94 0.33 0.00	29.76 0.29 0.00	29.68 0.35 0.00	30.34 0.36 0.00	33.06 0.42 0.00	37.25 0.55 0.00	32.55 0.45 0.00	28.38 0.31 0.00	26.61 0.32 0.00	24.68 0.34 0.00	23.28 0.23 0.00	21.74 0.15 0.00
ROARING___BROOK_WT_PWR 323790	21.52 -0.13 0.00	20.23 -0.10 0.00	19.06 -0.08 0.00	18.67 -0.06 0.00	19.15 -0.04 0.00	20.49 -0.04 0.00	23.63 -0.02 0.00	24.55 0.00 0.00	26.08 0.00 0.00	26.95 0.00 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.04 0.06 0.00	32.70 0.07 0.00	36.78 0.07 0.00	32.17 0.06 0.00	28.10 0.03 0.00	26.32 0.03 0.00	24.37 0.02 0.00	23.05 0.00 0.00	21.59 0.00 0.00
ROCHESRG_115KV_T4 355643	21.39 -0.26 0.00	19.97 -0.37 0.00	18.74 -0.40 0.00	18.35 -0.37 0.00	18.82 -0.36 0.00	20.16 -0.37 0.00	23.14 -0.52 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.22 -0.73 0.00	28.50 -0.79 0.00	28.40 -0.67 0.00	28.79 -0.83 0.00	28.72 -0.74 0.00	28.50 -0.82 0.00	29.11 -0.87 0.00	31.49 -1.14 0.00	35.16 -1.54 0.00	30.88 -1.22 0.00	27.23 -0.84 0.00	25.53 -0.76 0.00	23.59 -0.75 0.00	22.47 -0.58 0.00	21.27 -0.32 0.00
ROCHESTER_9_IC 23652	21.52 -0.13 0.00	20.07 -0.26 0.00	18.83 -0.31 0.00	18.45 -0.28 0.00	18.92 -0.27 0.00	20.26 -0.27 0.00	23.25 -0.40 0.00	23.99 -0.56 0.00	25.53 -0.55 0.00	26.38 -0.57 0.00	28.67 -0.62 0.00	28.63 -0.44 0.00	28.99 -0.62 0.00	28.96 -0.50 0.00	28.71 -0.62 0.00	29.32 -0.66 0.00	31.72 -0.91 0.00	35.42 -1.28 0.00	31.08 -1.03 0.00	27.39 -0.67 0.00	25.69 -0.60 0.00	23.73 -0.61 0.00	22.59 -0.46 0.00	21.37 -0.22 0.00
ROCKVIEW_13_KV_LD 356306	22.32 0.67 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.31 0.58 0.00	19.78 0.59 0.00	21.10 0.57 0.00	24.46 0.80 0.00	25.75 1.20 0.00	27.49 1.41 0.00	28.46 1.51 0.00	30.81 1.52 0.00	30.55 1.48 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.54 1.56 0.00	34.40 1.76 0.00	38.76 2.06 0.00	33.90 1.80 0.00	29.58 1.52 0.00	27.63 1.34 0.00	25.49 1.14 0.00	23.99 0.95 0.00	22.37 0.78 0.00
ROME_____115KV_TB2 80656	22.15 0.50 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.16 0.43 0.00	19.63 0.44 0.00	21.06 0.53 0.00	24.34 0.69 0.00	25.24 0.69 0.00	26.86 0.78 0.00	27.76 0.81 0.00	30.25 0.97 0.00	29.99 0.93 0.00	30.53 0.92 0.00	30.40 0.94 0.00	30.29 0.97 0.00	31.00 1.02 0.00	33.84 1.21 0.00	37.99 1.28 0.00	33.16 1.06 0.00	28.97 0.90 0.00	27.13 0.84 0.00	25.02 0.68 0.00	23.65 0.60 0.00	22.17 0.58 0.00



ROSETON___1 23587	22.15 0.50 0.00	20.82 0.49 0.00	19.56 0.42 0.00	19.19 0.47 0.00	19.65 0.46 0.00	20.90 0.37 0.00	24.20 0.54 0.00	25.36 0.81 0.00	27.02 0.94 0.00	27.95 1.00 0.00	30.28 1.00 0.00	30.02 0.96 0.00	30.56 0.95 0.00	30.37 0.91 0.00	30.26 0.94 0.00	30.97 0.99 0.00	33.81 1.17 0.00	38.10 1.39 0.00	33.32 1.22 0.00	29.08 1.01 0.00	27.18 0.89 0.00	25.12 0.78 0.00	23.65 0.60 0.00	22.11 0.52 0.00
ROSETON___2 23588	22.15 0.50 0.00	20.82 0.49 0.00	19.56 0.42 0.00	19.19 0.47 0.00	19.65 0.46 0.00	20.90 0.37 0.00	24.20 0.54 0.00	25.36 0.81 0.00	27.02 0.94 0.00	27.95 1.00 0.00	30.28 1.00 0.00	30.02 0.96 0.00	30.56 0.95 0.00	30.37 0.91 0.00	30.26 0.94 0.00	30.97 0.99 0.00	33.81 1.17 0.00	38.10 1.39 0.00	33.32 1.22 0.00	29.08 1.01 0.00	27.18 0.89 0.00	25.12 0.78 0.00	23.65 0.60 0.00	22.11 0.52 0.00
ROTTTRDAM_115KV_TB3 80664	22.10 0.45 0.00	20.78 0.45 0.00	19.56 0.42 0.00	19.12 0.39 0.00	19.61 0.42 0.00	20.98 0.45 0.00	24.20 0.54 0.00	25.19 0.64 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.05 0.76 0.00	29.79 0.73 0.00	30.36 0.74 0.00	30.20 0.74 0.00	30.09 0.76 0.00	30.79 0.81 0.00	33.55 0.91 0.00	37.77 1.06 0.00	33.07 0.96 0.00	28.85 0.79 0.00	27.00 0.71 0.00	25.00 0.66 0.00	23.58 0.53 0.00	22.07 0.47 0.00
RUSSELL___1 23602	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
RUSSELL___2 23532	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
RUSSELL___3 23549	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
RUSSELL___4 23556	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
RUSSELL___STATION 23914	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
S SALMON___HYD 24043	21.11 -0.54 0.00	19.78 -0.55 0.00	18.66 -0.48 0.00	18.24 -0.49 0.00	18.69 -0.50 0.00	20.06 -0.47 0.00	23.11 -0.54 0.00	23.89 -0.66 0.00	25.32 -0.76 0.00	26.20 -0.75 0.00	28.53 -0.76 0.00	28.31 -0.76 0.00	28.82 -0.80 0.00	28.73 -0.74 0.00	28.56 -0.76 0.00	29.20 -0.78 0.00	31.85 -0.78 0.00	35.79 -0.92 0.00	31.27 -0.83 0.00	27.37 -0.70 0.00	25.63 -0.66 0.00	23.69 -0.66 0.00	22.50 -0.55 0.00	21.10 -0.50 0.00
S.PERRY__115KV_TB1 80734	22.43 0.78 0.00	20.90 0.57 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.69 0.50 0.00	21.10 0.57 0.00	24.25 0.59 0.00	25.04 0.49 0.00	26.73 0.65 0.00	27.62 0.67 0.00	29.96 0.67 0.00	29.94 0.87 0.00	30.30 0.68 0.00	30.26 0.80 0.00	30.00 0.67 0.00	30.73 0.75 0.00	33.38 0.75 0.00	37.33 0.62 0.00	32.71 0.61 0.00	28.83 0.76 0.00	27.00 0.71 0.00	24.88 0.54 0.00	23.58 0.53 0.00	22.30 0.71 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	21.50 -0.15 0.00	20.07 -0.26 0.00	18.79 -0.34 0.00	18.43 -0.30 0.00	18.92 -0.27 0.00	20.20 -0.33 0.00	23.18 -0.47 0.00	23.84 -0.71 0.00	25.32 -0.76 0.00	26.09 -0.86 0.00	28.29 -1.00 0.00	28.25 -0.81 0.00	28.52 -1.10 0.00	28.52 -0.94 0.00	28.24 -1.09 0.00	28.84 -1.14 0.00	30.97 -1.66 0.00	34.46 -2.24 0.00	30.50 -1.61 0.00	27.06 -1.01 0.00	25.37 -0.92 0.00	23.49 -0.85 0.00	22.38 -0.67 0.00	21.40 -0.19 0.00
SAWYER___23_KV_LOAD 55526	21.50 -0.15 0.00	20.07 -0.26 0.00	18.79 -0.34 0.00	18.43 -0.30 0.00	18.92 -0.27 0.00	20.20 -0.33 0.00	23.18 -0.47 0.00	23.84 -0.71 0.00	25.32 -0.76 0.00	26.09 -0.86 0.00	28.29 -1.00 0.00	28.25 -0.81 0.00	28.52 -1.10 0.00	28.52 -0.94 0.00	28.24 -1.09 0.00	28.84 -1.14 0.00	30.97 -1.66 0.00	34.46 -2.24 0.00	30.50 -1.61 0.00	27.06 -1.01 0.00	25.37 -0.92 0.00	23.49 -0.85 0.00	22.38 -0.67 0.00	21.40 -0.19 0.00
SELKIRK___I 23801	21.97 0.33 0.00	20.72 0.39 0.00	19.48 0.34 0.00	19.10 0.37 0.00	19.57 0.38 0.00	20.86 0.33 0.00	23.99 0.33 0.00	24.97 0.42 0.00	26.55 0.47 0.00	27.44 0.49 0.00	29.82 0.53 0.00	29.53 0.46 0.00	30.12 0.50 0.00	29.93 0.47 0.00	29.85 0.53 0.00	30.52 0.54 0.00	33.25 0.62 0.00	37.44 0.73 0.00	32.78 0.68 0.00	28.57 0.51 0.00	26.79 0.50 0.00	24.85 0.51 0.00	23.44 0.39 0.00	21.94 0.34 0.00
SELKIRK___II 23799	21.80 0.15 0.00	20.56 0.22 0.00	19.33 0.19 0.00	18.97 0.24 0.00	19.44 0.25 0.00	20.69 0.16 0.00	23.85 0.19 0.00	24.82 0.27 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.61 0.32 0.00	29.36 0.29 0.00	29.94 0.33 0.00	29.75 0.29 0.00	29.65 0.32 0.00	30.34 0.36 0.00	33.06 0.42 0.00	37.25 0.55 0.00	32.58 0.48 0.00	28.41 0.34 0.00	26.61 0.32 0.00	24.68 0.34 0.00	23.28 0.23 0.00	21.76 0.17 0.00
SENECA OSWGO___HYD 24041	21.24 -0.41 0.00	19.90 -0.43 0.00	18.75 -0.38 0.00	18.31 -0.41 0.00	18.77 -0.42 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.89 -0.66 0.00	25.32 -0.76 0.00	26.20 -0.75 0.00	28.50 -0.79 0.00	28.28 -0.78 0.00	28.82 -0.80 0.00	28.69 -0.77 0.00	28.56 -0.76 0.00	29.17 -0.81 0.00	31.72 -0.91 0.00	35.60 -1.10 0.00	31.14 -0.96 0.00	27.28 -0.79 0.00	25.58 -0.71 0.00	23.69 -0.66 0.00	22.52 -0.53 0.00	21.14 -0.45 0.00



SENECA___115KV_TB3 355854	21.82 0.17 0.00	20.39 0.06 0.00	19.10 -0.04 0.00	18.73 0.00 0.00	19.23 0.04 0.00	20.53 0.00 0.00	23.59 -0.07 0.00	24.28 -0.27 0.00	25.82 -0.26 0.00	26.60 -0.35 0.00	28.85 -0.44 0.00	28.83 -0.23 0.00	29.11 -0.50 0.00	29.11 -0.35 0.00	28.80 -0.53 0.00	29.41 -0.57 0.00	31.62 -1.01 0.00	35.20 -1.50 0.00	31.11 -1.00 0.00	27.59 -0.48 0.00	25.84 -0.45 0.00	23.90 -0.44 0.00	22.77 -0.28 0.00	21.74 0.15 0.00
SENECA___ENERGY 23797	21.65 0.00 0.00	20.21 -0.12 0.00	19.08 -0.06 0.00	18.60 -0.13 0.00	19.07 -0.11 0.00	20.57 0.04 0.00	23.56 -0.09 0.00	24.33 -0.22 0.00	25.82 -0.26 0.00	26.71 -0.24 0.00	29.05 -0.24 0.00	28.86 -0.20 0.00	29.35 -0.27 0.00	29.26 -0.20 0.00	29.06 -0.26 0.00	29.71 -0.27 0.00	32.28 -0.36 0.00	36.11 -0.59 0.00	31.68 -0.42 0.00	27.82 -0.25 0.00	26.05 -0.24 0.00	24.08 -0.27 0.00	22.84 -0.21 0.00	21.50 -0.09 0.00
SHOEMAKER___GT 23640	22.08 0.43 0.00	20.76 0.43 0.00	19.50 0.36 0.00	19.12 0.39 0.00	19.57 0.38 0.00	20.86 0.33 0.00	24.11 0.45 0.00	25.17 0.61 0.00	26.81 0.73 0.00	27.70 0.75 0.00	30.05 0.76 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.14 0.68 0.00	30.03 0.70 0.00	30.76 0.78 0.00	33.55 0.91 0.00	37.80 1.10 0.00	33.06 0.96 0.00	28.85 0.78 0.00	27.00 0.71 0.00	24.95 0.61 0.00	23.51 0.46 0.00	21.98 0.39 0.00
SHOEMAKR_138KV_BK 111 55601	22.08 0.43 0.00	20.74 0.41 0.00	19.54 0.40 0.00	19.10 0.37 0.00	19.55 0.36 0.00	20.88 0.35 0.00	24.08 0.43 0.00	25.19 0.64 0.00	26.84 0.76 0.00	27.70 0.75 0.00	30.05 0.76 0.00	29.79 0.73 0.00	30.36 0.74 0.00	30.17 0.71 0.00	30.06 0.73 0.00	30.76 0.78 0.00	33.58 0.95 0.00	37.80 1.10 0.00	33.07 0.96 0.00	28.85 0.79 0.00	27.00 0.71 0.00	24.95 0.61 0.00	23.51 0.46 0.00	21.98 0.39 0.00
SHOREHAM_IC_1 23715	23.44 1.54 -0.26	21.65 1.32 0.00	20.42 1.28 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.43 2.58 -3.24	33.87 2.56 -1.85	34.55 2.58 -2.64	35.67 2.64 -3.05	35.51 2.84 -0.04	45.49 3.30 -5.48	34.42 2.31 0.00	30.27 2.19 -0.01	29.88 2.10 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
SHOREHAM_IC_2 23716	23.44 1.54 -0.26	21.65 1.32 0.00	20.42 1.28 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.43 2.58 -3.24	33.87 2.56 -1.85	34.55 2.58 -2.64	35.67 2.64 -3.05	35.51 2.84 -0.04	45.49 3.30 -5.48	34.42 2.31 0.00	30.27 2.19 -0.01	29.88 2.10 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
SISSONVILLE____ 23735	21.26 -0.39 0.00	19.99 -0.35 0.00	18.83 -0.31 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.22 -0.31 0.00	23.35 -0.31 0.00	24.31 -0.25 0.00	25.84 -0.23 0.00	26.68 -0.27 0.00	29.08 -0.21 0.00	28.89 -0.17 0.00	29.56 -0.06 0.00	29.40 -0.06 0.00	29.21 -0.12 0.00	29.83 -0.15 0.00	32.44 -0.20 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.12 -0.22 0.00	22.75 -0.30 0.00	21.27 -0.32 0.00
SITHE_IND_GS1 24169	21.09 -0.56 0.00	19.76 -0.57 0.00	18.62 -0.52 0.00	18.20 -0.52 0.00	18.65 -0.54 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.09 -0.99 0.00	25.93 -1.02 0.00	28.21 -1.08 0.00	28.02 -1.05 0.00	28.52 -1.10 0.00	28.40 -1.06 0.00	28.24 -1.08 0.00	28.87 -1.11 0.00	31.36 -1.27 0.00	35.23 -1.47 0.00	30.82 -1.29 0.00	27.00 -1.07 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.01 -0.58 0.00
SITHE_IND_GS2 24170	21.09 -0.56 0.00	19.76 -0.57 0.00	18.62 -0.52 0.00	18.20 -0.52 0.00	18.65 -0.54 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.09 -0.99 0.00	25.93 -1.02 0.00	28.21 -1.08 0.00	28.02 -1.05 0.00	28.52 -1.10 0.00	28.40 -1.06 0.00	28.24 -1.08 0.00	28.87 -1.11 0.00	31.36 -1.27 0.00	35.23 -1.47 0.00	30.82 -1.29 0.00	27.00 -1.07 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.01 -0.58 0.00
SITHE_IND_GS3 24171	21.09 -0.56 0.00	19.76 -0.57 0.00	18.62 -0.52 0.00	18.20 -0.52 0.00	18.65 -0.54 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.09 -0.99 0.00	25.93 -1.02 0.00	28.21 -1.08 0.00	28.02 -1.05 0.00	28.52 -1.10 0.00	28.40 -1.06 0.00	28.24 -1.08 0.00	28.87 -1.11 0.00	31.36 -1.27 0.00	35.23 -1.47 0.00	30.82 -1.29 0.00	27.00 -1.07 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.01 -0.58 0.00
SITHE_IND_GS4 24172	21.09 -0.56 0.00	19.76 -0.57 0.00	18.62 -0.52 0.00	18.20 -0.52 0.00	18.65 -0.54 0.00	20.00 -0.53 0.00	22.99 -0.66 0.00	23.72 -0.83 0.00	25.09 -0.99 0.00	25.93 -1.02 0.00	28.21 -1.08 0.00	28.02 -1.05 0.00	28.52 -1.10 0.00	28.40 -1.06 0.00	28.24 -1.08 0.00	28.87 -1.11 0.00	31.36 -1.27 0.00	35.23 -1.47 0.00	30.82 -1.29 0.00	27.00 -1.07 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.01 -0.58 0.00
SITHE___BATAVIA 24024	22.04 0.39 0.00	20.31 -0.02 0.00	19.37 0.23 0.00	18.63 -0.09 0.00	19.15 -0.04 0.00	20.88 0.35 0.00	23.66 0.00 0.00	24.26 -0.29 0.00	25.79 -0.29 0.00	26.60 -0.35 0.00	28.88 -0.41 0.00	28.86 -0.20 0.00	29.20 -0.41 0.00	29.19 -0.27 0.00	28.89 -0.44 0.00	29.53 -0.45 0.00	31.82 -0.81 0.00	35.49 -1.21 0.00	31.20 -0.90 0.00	27.62 -0.45 0.00	25.87 -0.42 0.00	23.91 -0.44 0.00	22.75 -0.30 0.00	21.66 0.06 0.00
SITHE___INDEPEND 23800	21.06 -0.58 0.00	19.76 -0.57 0.00	18.58 -0.55 0.00	18.20 -0.52 0.00	18.65 -0.54 0.00	19.96 -0.57 0.00	22.97 -0.69 0.00	23.64 -0.91 0.00	25.09 -0.99 0.00	25.93 -1.02 0.00	28.20 -1.08 0.00	27.99 -1.08 0.00	28.49 -1.13 0.00	28.37 -1.09 0.00	28.21 -1.11 0.00	28.84 -1.14 0.00	31.36 -1.27 0.00	35.24 -1.47 0.00	30.82 -1.28 0.00	27.00 -1.07 0.00	25.32 -0.97 0.00	23.47 -0.88 0.00	22.38 -0.67 0.00	21.01 -0.58 0.00
SITHE___MASSENA 23902	21.84 0.19 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.92 0.26 0.00	24.85 0.30 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.70 0.41 0.00	29.50 0.44 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.77 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.66 0.32 0.00	23.30 0.25 0.00	21.81 0.22 0.00
SITHE___OGDNSBRG 24021	21.87 0.22 0.00	20.56 0.22 0.00	19.33 0.19 0.00	18.90 0.17 0.00	19.38 0.19 0.00	20.78 0.25 0.00	23.99 0.33 0.00	24.99 0.44 0.00	26.57 0.50 0.00	27.49 0.54 0.00	29.96 0.67 0.00	29.73 0.67 0.00	30.45 0.83 0.00	30.29 0.82 0.00	30.06 0.73 0.00	30.70 0.72 0.00	33.35 0.72 0.00	37.55 0.84 0.00	32.81 0.71 0.00	28.66 0.59 0.00	26.82 0.53 0.00	24.78 0.44 0.00	23.37 0.32 0.00	21.85 0.26 0.00



SITHE___STERLING 23777	22.08 0.43 0.00	20.72 0.39 0.00	19.50 0.36 0.00	19.08 0.35 0.00	19.55 0.36 0.00	21.00 0.47 0.00	24.22 0.57 0.00	25.12 0.57 0.00	26.68 0.60 0.00	27.57 0.62 0.00	30.05 0.76 0.00	29.79 0.73 0.00	30.36 0.74 0.00	30.20 0.74 0.00	30.09 0.76 0.00	30.76 0.78 0.00	33.55 0.91 0.00	37.66 0.95 0.00	32.87 0.77 0.00	28.74 0.67 0.00	26.92 0.63 0.00	24.85 0.51 0.00	23.51 0.46 0.00	22.07 0.47 0.00
SLEIGHT__34_KV_TB1 80719	21.37 -0.28 0.00	19.97 -0.37 0.00	18.75 -0.38 0.00	18.37 -0.36 0.00	18.84 -0.35 0.00	20.20 -0.33 0.00	23.18 -0.47 0.00	23.94 -0.61 0.00	25.48 -0.60 0.00	26.38 -0.57 0.00	28.73 -0.56 0.00	28.63 -0.44 0.00	29.05 -0.56 0.00	28.99 -0.47 0.00	28.77 -0.56 0.00	29.41 -0.57 0.00	31.88 -0.75 0.00	35.68 -1.03 0.00	31.24 -0.87 0.00	27.45 -0.62 0.00	25.71 -0.58 0.00	23.76 -0.58 0.00	22.57 -0.48 0.00	21.27 -0.32 0.00
SOUTH CAIRO___GT 23612	22.52 0.87 0.00	21.25 0.92 0.00	19.96 0.82 0.00	19.57 0.84 0.00	20.05 0.86 0.00	21.37 0.84 0.00	24.58 0.92 0.00	25.34 0.79 0.00	26.97 0.89 0.00	27.81 0.86 0.00	30.23 0.94 0.00	29.97 0.90 0.00	30.54 0.92 0.00	30.34 0.88 0.00	30.32 1.00 0.00	31.15 1.17 0.00	33.94 1.31 0.00	38.28 1.58 0.00	33.51 1.41 0.00	29.19 1.12 0.00	27.26 0.97 0.00	25.39 1.05 0.00	23.81 0.76 0.00	22.30 0.71 0.00
SOUTH HAMPTN___IC 23720	23.81 1.91 -0.26	22.00 1.67 0.00	20.72 1.59 0.00	20.30 1.57 0.00	20.84 1.65 0.00	22.11 1.58 0.00	25.64 1.99 0.00	28.29 2.41 -1.33	28.89 2.69 -0.12	32.08 2.75 -2.38	34.45 3.28 -1.88	32.94 3.17 -0.71	36.08 3.23 -3.24	34.49 3.18 -1.85	35.14 3.20 -2.62	36.32 3.30 -3.04	36.23 3.56 -0.04	46.30 4.11 -5.48	35.18 3.08 0.00	30.91 2.83 -0.01	30.43 2.65 -1.49	29.64 2.53 -2.76	26.00 2.08 -0.88	23.47 1.88 0.00
SOUTHDOW_115KV_TB1 355954	22.73 1.08 0.00	21.27 0.94 0.00	19.88 0.75 0.00	19.51 0.79 0.00	20.05 0.86 0.00	21.45 0.92 0.00	24.75 1.09 0.00	25.58 1.03 0.00	27.25 1.17 0.00	28.14 1.19 0.00	30.55 1.26 0.00	30.58 1.51 0.00	30.83 1.21 0.00	30.82 1.36 0.00	30.44 1.11 0.00	31.06 1.08 0.00	33.35 0.72 0.00	37.25 0.55 0.00	32.84 0.74 0.00	29.02 0.95 0.00	27.13 0.84 0.00	25.10 0.75 0.00	23.86 0.81 0.00	22.69 1.10 0.00
SOUTHOLD_69_KV_BK 2 55809	24.09 2.19 -0.26	22.16 1.83 0.00	21.03 1.89 0.00	20.49 1.76 0.00	21.03 1.84 0.00	22.42 1.89 0.00	25.90 2.25 0.00	28.63 2.75 -1.33	27.25 3.03 -0.12	32.43 3.10 -2.38	34.86 3.69 -1.88	33.38 3.60 -0.71	36.58 3.73 -3.24	34.99 3.68 -1.84	35.61 3.67 -2.62	36.79 3.78 -3.04	36.75 4.08 -0.04	46.88 4.70 -5.48	35.73 3.63 0.00	31.35 3.28 0.00	30.83 3.05 -1.49	29.95 2.85 -2.76	26.30 2.37 -0.88	23.75 2.16 0.00
SOUTHOLD___IC 23719	24.09 2.19 -0.26	22.24 1.91 0.00	20.97 1.84 0.00	20.52 1.80 0.00	21.05 1.86 0.00	22.38 1.85 0.00	25.93 2.27 0.00	28.61 2.72 -1.33	29.20 3.00 -0.12	32.43 3.10 -2.38	34.86 3.69 -1.88	33.38 3.60 -0.71	36.52 3.67 -3.24	34.93 3.62 -1.84	35.58 3.64 -2.62	36.76 3.75 -3.04	36.75 4.08 -0.04	46.92 4.74 -5.48	35.73 3.63 0.00	31.36 3.28 -0.01	30.83 3.05 -1.49	29.95 2.85 -2.76	26.30 2.37 -0.88	23.75 2.16 0.00
SOUTH_FORK_WT_PWR 323839	24.16 2.25 -0.26	22.33 1.99 0.00	21.03 1.90 0.00	20.58 1.85 0.00	21.11 1.92 0.00	22.44 1.91 0.00	26.00 2.34 0.00	28.68 2.80 -1.33	29.27 3.08 -0.12	32.51 3.18 -2.38	34.98 3.81 -1.88	33.46 3.69 -0.71	36.61 3.76 -3.24	35.02 3.71 -1.84	35.67 3.72 -2.62	36.89 3.87 -3.04	36.85 4.18 -0.04	47.03 4.84 -5.48	35.82 3.72 0.00	31.45 3.37 -0.01	30.91 3.13 -1.49	30.03 2.92 -2.76	26.37 2.44 -0.88	23.79 2.20 0.00
SPIERFLS_115KV_TB 1 80737	22.60 0.95 0.00	21.21 0.87 0.00	19.94 0.80 0.00	19.53 0.81 0.00	20.05 0.86 0.00	21.50 0.96 0.00	24.79 1.14 0.00	25.85 1.30 0.00	27.51 1.43 0.00	28.43 1.48 0.00	30.96 1.67 0.00	30.66 1.60 0.00	31.22 1.60 0.00	31.05 1.59 0.00	31.03 1.70 0.00	31.75 1.77 0.00	34.53 1.89 0.00	38.91 2.20 0.00	34.19 2.09 0.00	29.72 1.66 0.00	27.79 1.50 0.00	25.68 1.34 0.00	24.13 1.08 0.00	22.61 1.01 0.00
ST LAWRENCE____ 23600	21.65 0.00 0.00	20.35 0.02 0.00	19.14 0.00 0.00	18.73 0.00 0.00	19.21 0.02 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.60 0.05 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.35 0.06 0.00	29.15 0.09 0.00	29.76 0.15 0.00	29.61 0.15 0.00	29.41 0.09 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.81 0.11 0.00	32.20 0.10 0.00	28.12 0.06 0.00	26.34 0.05 0.00	24.42 0.07 0.00	23.07 0.02 0.00	21.59 0.00 0.00
STATE_CA_115KV_115_LB 55624	21.97 0.32 0.00	20.68 0.35 0.00	19.50 0.36 0.00	19.10 0.37 0.00	19.53 0.35 0.00	20.90 0.37 0.00	23.99 0.33 0.00	25.04 0.49 0.00	26.44 0.37 0.00	27.30 0.35 0.00	29.67 0.38 0.00	29.38 0.32 0.00	30.00 0.39 0.00	29.81 0.35 0.00	29.74 0.41 0.00	30.40 0.42 0.00	33.09 0.46 0.00	37.29 0.59 0.00	32.62 0.51 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.71 0.37 0.00	23.30 0.25 0.00	21.76 0.17 0.00
STATE_ST_34_KV_LOAD 55959	21.69 0.04 0.00	20.33 0.00 0.00	19.12 -0.02 0.00	18.71 -0.02 0.00	19.19 0.00 0.00	20.55 0.02 0.00	23.66 0.00 0.00	24.45 -0.10 0.00	25.97 -0.10 0.00	26.90 -0.05 0.00	29.29 0.00 0.00	29.09 0.03 0.00	29.56 -0.06 0.00	29.46 0.00 0.00	29.30 -0.03 0.00	29.92 -0.06 0.00	32.57 -0.07 0.00	36.56 -0.15 0.00	31.97 -0.13 0.00	28.04 -0.03 0.00	26.26 -0.03 0.00	24.27 -0.07 0.00	23.03 -0.02 0.00	21.63 0.04 0.00
STATION 5_MISC_HYD 23604	21.65 0.00 0.00	20.07 -0.26 0.00	19.06 -0.08 0.00	18.43 -0.30 0.00	18.92 -0.27 0.00	20.53 0.00 0.00	23.37 -0.28 0.00	24.03 -0.52 0.00	25.53 -0.55 0.00	26.38 -0.57 0.00	28.67 -0.62 0.00	28.60 -0.47 0.00	29.02 -0.59 0.00	28.99 -0.47 0.00	28.74 -0.59 0.00	29.35 -0.63 0.00	31.72 -0.91 0.00	35.42 -1.29 0.00	31.07 -1.03 0.00	27.39 -0.67 0.00	25.69 -0.60 0.00	23.73 -0.61 0.00	22.59 -0.46 0.00	21.37 -0.22 0.00
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	21.69 0.04 0.00	20.27 -0.06 0.00	19.02 -0.11 0.00	18.63 -0.09 0.00	19.11 -0.08 0.00	20.49 -0.04 0.00	23.54 -0.12 0.00	24.31 -0.25 0.00	25.90 -0.18 0.00	26.76 -0.19 0.00	29.14 -0.15 0.00	29.04 -0.03 0.00	29.47 -0.15 0.00	29.40 -0.06 0.00	29.18 -0.15 0.00	29.83 -0.15 0.00	32.34 -0.29 0.00	36.15 -0.55 0.00	31.69 -0.42 0.00	27.84 -0.22 0.00	26.08 -0.21 0.00	24.10 -0.24 0.00	22.89 -0.16 0.00	21.57 -0.02 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	21.39 -0.26 0.00	19.95 -0.39 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.81 -0.38 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.86 -0.69 0.00	25.40 -0.68 0.00	26.25 -0.70 0.00	28.56 -0.73 0.00	28.48 -0.58 0.00	28.88 -0.74 0.00	28.84 -0.62 0.00	28.59 -0.73 0.00	29.20 -0.78 0.00	31.59 -1.04 0.00	35.31 -1.39 0.00	30.98 -1.12 0.00	27.28 -0.79 0.00	25.55 -0.74 0.00	23.61 -0.73 0.00	22.47 -0.58 0.00	21.25 -0.35 0.00



STA_56___34_KV_BUS2 355983	21.39 -0.26 0.00	19.95 -0.39 0.00	18.72 -0.42 0.00	18.33 -0.39 0.00	18.81 -0.38 0.00	20.14 -0.39 0.00	23.14 -0.52 0.00	23.86 -0.69 0.00	25.40 -0.68 0.00	26.25 -0.70 0.00	28.56 -0.73 0.00	28.48 -0.58 0.00	28.88 -0.74 0.00	28.84 -0.62 0.00	28.59 -0.73 0.00	29.20 -0.78 0.00	31.59 -1.04 0.00	35.31 -1.39 0.00	30.98 -1.12 0.00	27.28 -0.79 0.00	25.55 -0.74 0.00	23.61 -0.73 0.00	22.47 -0.58 0.00	21.25 -0.35 0.00
STA_67___115KV_BK2 355882	21.48 -0.17 0.00	20.03 -0.30 0.00	18.79 -0.34 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.22 -0.31 0.00	23.21 -0.45 0.00	23.94 -0.61 0.00	25.48 -0.60 0.00	26.30 -0.65 0.00	28.61 -0.67 0.00	28.54 -0.52 0.00	28.91 -0.71 0.00	28.87 -0.59 0.00	28.62 -0.70 0.00	29.26 -0.72 0.00	31.62 -1.01 0.00	35.31 -1.39 0.00	31.01 -1.09 0.00	27.34 -0.73 0.00	25.63 -0.66 0.00	23.69 -0.66 0.00	22.54 -0.51 0.00	21.33 -0.26 0.00
STA_7___115KV_9TRANS 80674	21.61 -0.04 0.00	20.15 -0.18 0.00	18.91 -0.23 0.00	18.50 -0.22 0.00	19.00 -0.19 0.00	20.35 -0.18 0.00	23.35 -0.31 0.00	24.09 -0.47 0.00	25.66 -0.42 0.00	26.52 -0.43 0.00	28.85 -0.44 0.00	28.77 -0.29 0.00	29.17 -0.44 0.00	29.14 -0.32 0.00	28.86 -0.47 0.00	29.50 -0.48 0.00	31.92 -0.72 0.00	35.64 -1.06 0.00	31.27 -0.83 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.86 -0.49 0.00	22.70 -0.35 0.00	21.46 -0.13 0.00
STA_82___115KV_TB1 80780	21.50 -0.15 0.00	20.05 -0.28 0.00	18.81 -0.33 0.00	18.43 -0.30 0.00	18.90 -0.29 0.00	20.22 -0.31 0.00	23.23 -0.43 0.00	23.96 -0.59 0.00	25.48 -0.60 0.00	26.33 -0.62 0.00	28.61 -0.67 0.00	28.57 -0.49 0.00	28.93 -0.68 0.00	28.90 -0.56 0.00	28.65 -0.67 0.00	29.26 -0.72 0.00	31.65 -0.98 0.00	35.35 -1.36 0.00	31.04 -1.06 0.00	27.37 -0.70 0.00	25.63 -0.66 0.00	23.69 -0.66 0.00	22.57 -0.48 0.00	21.33 -0.26 0.00
STEEL___WIND 323596	22.04 0.39 0.00	20.37 0.04 0.00	19.42 0.29 0.00	18.71 -0.02 0.00	19.21 0.02 0.00	20.92 0.39 0.00	23.73 0.07 0.00	24.28 -0.27 0.00	25.79 -0.29 0.00	26.57 -0.38 0.00	28.82 -0.47 0.00	28.77 -0.29 0.00	29.08 -0.53 0.00	29.11 -0.35 0.00	28.77 -0.56 0.00	29.41 -0.57 0.00	31.59 -1.05 0.00	35.16 -1.54 0.00	31.07 -1.03 0.00	27.56 -0.50 0.00	25.82 -0.47 0.00	23.88 -0.46 0.00	22.75 -0.30 0.00	21.72 0.13 0.00
STEPHTWN_115KV_BK_2 55603	22.15 0.50 0.00	20.84 0.51 0.00	19.62 0.48 0.00	19.21 0.49 0.00	19.67 0.48 0.00	21.06 0.53 0.00	24.22 0.57 0.00	25.26 0.71 0.00	26.71 0.63 0.00	27.60 0.65 0.00	29.99 0.70 0.00	29.70 0.64 0.00	30.30 0.68 0.00	30.11 0.65 0.00	30.06 0.73 0.00	30.73 0.75 0.00	33.42 0.78 0.00	37.69 0.99 0.00	32.97 0.87 0.00	28.71 0.65 0.00	26.89 0.60 0.00	24.95 0.61 0.00	23.51 0.46 0.00	21.96 0.37 0.00
STEBUBEN_REC_LFGE 323667	22.39 0.74 0.00	20.96 0.63 0.00	19.67 0.54 0.00	19.31 0.58 0.00	19.80 0.61 0.00	21.23 0.70 0.00	24.39 0.73 0.00	25.17 0.61 0.00	26.81 0.73 0.00	27.70 0.75 0.00	30.17 0.88 0.00	30.05 0.99 0.00	30.45 0.83 0.00	30.40 0.94 0.00	30.20 0.88 0.00	30.85 0.87 0.00	33.38 0.75 0.00	37.25 0.55 0.00	32.78 0.67 0.00	28.88 0.81 0.00	27.08 0.79 0.00	25.00 0.66 0.00	23.65 0.60 0.00	22.43 0.84 0.00
STILLWATER___SOLAR 323814	22.41 0.76 0.00	21.08 0.75 0.00	19.79 0.65 0.00	19.40 0.67 0.00	19.92 0.73 0.00	21.27 0.74 0.00	24.56 0.90 0.00	25.56 1.01 0.00	27.23 1.15 0.00	28.11 1.16 0.00	30.58 1.29 0.00	30.31 1.25 0.00	30.86 1.24 0.00	30.67 1.21 0.00	30.61 1.29 0.00	31.33 1.35 0.00	34.14 1.50 0.00	38.47 1.76 0.00	33.71 1.60 0.00	29.36 1.29 0.00	27.47 1.18 0.00	25.44 1.10 0.00	23.92 0.88 0.00	22.41 0.82 0.00
STONY___BROOK 24151	23.34 1.43 -0.26	21.59 1.26 0.00	20.30 1.17 0.00	19.91 1.18 0.00	20.42 1.23 0.00	21.68 1.15 0.00	25.15 1.49 0.00	27.85 1.96 -1.33	28.41 2.22 -0.12	31.62 2.29 -2.38	33.72 2.49 -1.95	32.22 2.44 -0.71	35.35 2.49 -3.24	33.78 2.44 -1.88	34.64 2.46 -2.85	35.79 2.55 -3.26	35.52 2.84 -0.05	45.49 3.30 -5.48	34.74 2.63 0.00	30.44 2.36 -0.01	29.94 2.16 -1.49	29.08 1.97 -2.77	25.58 1.66 -0.88	23.04 1.45 0.00
STURGEON_POOL_HYD 23609	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.16 0.43 0.00	19.63 0.44 0.00	20.92 0.39 0.00	24.20 0.54 0.00	25.34 0.79 0.00	27.04 0.96 0.00	27.97 1.02 0.00	30.31 1.03 0.00	30.05 0.99 0.00	30.62 1.01 0.00	30.43 0.97 0.00	30.32 1.00 0.00	31.06 1.08 0.00	33.87 1.24 0.00	38.21 1.50 0.00	33.35 1.25 0.00	29.14 1.07 0.00	27.21 0.92 0.00	25.15 0.80 0.00	23.65 0.60 0.00	22.11 0.52 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	22.13 0.48 0.00	20.78 0.45 0.00	19.58 0.44 0.00	19.14 0.41 0.00	19.61 0.42 0.00	20.92 0.39 0.00	24.13 0.47 0.00	25.29 0.74 0.00	26.94 0.86 0.00	27.84 0.89 0.00	30.17 0.88 0.00	29.91 0.84 0.00	30.47 0.86 0.00	30.29 0.82 0.00	30.18 0.85 0.00	30.88 0.90 0.00	33.68 1.04 0.00	37.95 1.25 0.00	33.19 1.09 0.00	28.97 0.90 0.00	27.08 0.79 0.00	25.02 0.68 0.00	23.58 0.53 0.00	22.02 0.43 0.00
SWANROAD_115KV_TB1 355699	21.00 -0.65 0.00	19.60 -0.73 0.00	18.35 -0.78 0.00	18.00 -0.73 0.00	18.48 -0.71 0.00	19.71 -0.82 0.00	22.59 -1.06 0.00	23.23 -1.33 0.00	24.64 -1.43 0.00	25.39 -1.56 0.00	27.50 -1.79 0.00	27.50 -1.57 0.00	27.72 -1.90 0.00	27.72 -1.74 0.00	27.45 -1.88 0.00	28.06 -1.92 0.00	30.12 -2.51 0.00	33.47 -3.23 0.00	29.63 -2.47 0.00	26.33 -1.74 0.00	24.71 -1.58 0.00	22.86 -1.48 0.00	21.83 -1.22 0.00	20.88 -0.71 0.00
SYNERGY___BIOGAS 323694	22.04 0.39 0.00	20.31 -0.02 0.00	19.37 0.23 0.00	18.63 -0.09 0.00	19.15 -0.04 0.00	20.88 0.35 0.00	23.66 0.00 0.00	24.26 -0.29 0.00	25.79 -0.29 0.00	26.60 -0.35 0.00	28.88 -0.41 0.00	28.86 -0.20 0.00	29.20 -0.41 0.00	29.19 -0.27 0.00	28.89 -0.44 0.00	29.53 -0.45 0.00	31.82 -0.81 0.00	35.49 -1.21 0.00	31.20 -0.90 0.00	27.62 -0.45 0.00	25.87 -0.42 0.00	23.91 -0.44 0.00	22.75 -0.30 0.00	21.66 0.06 0.00
SYRACUSE___ENERGY_ST1 323597	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
SYRACUSE___ENERGY_ST2 323598	21.54 -0.11 0.00	20.19 -0.14 0.00	19.00 -0.13 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.23 -0.32 0.00	25.74 -0.34 0.00	26.63 -0.32 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.29 -0.33 0.00	29.17 -0.29 0.00	29.03 -0.29 0.00	29.65 -0.33 0.00	32.27 -0.36 0.00	36.23 -0.48 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.07 -0.27 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00



SYRACUSE___POWER 24017	21.54 -0.11 0.00	20.19 -0.14 0.00	18.98 -0.15 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.26 -0.29 0.00	25.77 -0.31 0.00	26.65 -0.30 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.26 -0.36 0.00	29.14 -0.32 0.00	29.00 -0.32 0.00	29.62 -0.36 0.00	32.24 -0.39 0.00	36.19 -0.51 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.10 -0.24 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
TALLMAN___138KV_BK151 55660	22.17 0.52 0.00	20.82 0.49 0.00	19.63 0.50 0.00	19.19 0.47 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.25 0.59 0.00	25.46 0.91 0.00	27.15 1.07 0.00	28.08 1.13 0.00	30.40 1.11 0.00	30.14 1.08 0.00	30.71 1.10 0.00	30.52 1.06 0.00	30.41 1.09 0.00	31.12 1.14 0.00	33.94 1.31 0.00	38.24 1.54 0.00	33.45 1.35 0.00	29.19 1.12 0.00	27.29 1.00 0.00	25.19 0.85 0.00	23.72 0.67 0.00	22.13 0.54 0.00
TEALLAVE_115KV_TB7 355573	21.43 -0.22 0.00	20.11 -0.22 0.00	18.91 -0.23 0.00	18.52 -0.21 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.13 -0.42 0.00	25.64 -0.44 0.00	26.52 -0.43 0.00	28.88 -0.41 0.00	28.63 -0.44 0.00	29.08 -0.53 0.00	28.96 -0.50 0.00	28.83 -0.50 0.00	29.44 -0.54 0.00	32.01 -0.62 0.00	35.93 -0.77 0.00	31.43 -0.67 0.00	27.59 -0.48 0.00	25.87 -0.42 0.00	23.95 -0.39 0.00	22.77 -0.28 0.00	21.40 -0.19 0.00
TELGRAPH_34_KV_EAST 80808	21.52 -0.13 0.00	20.07 -0.26 0.00	18.79 -0.34 0.00	18.43 -0.30 0.00	18.92 -0.27 0.00	20.22 -0.31 0.00	23.18 -0.47 0.00	23.86 -0.69 0.00	25.38 -0.70 0.00	26.17 -0.78 0.00	28.41 -0.88 0.00	28.40 -0.67 0.00	28.64 -0.98 0.00	28.66 -0.80 0.00	28.36 -0.97 0.00	28.99 -0.99 0.00	31.20 -1.44 0.00	34.72 -1.98 0.00	30.63 -1.48 0.00	27.14 -0.93 0.00	25.45 -0.84 0.00	23.51 -0.83 0.00	22.43 -0.62 0.00	21.37 -0.22 0.00
TEMPLE___115KV_TB 2 55572	21.45 -0.19 0.00	20.13 -0.20 0.00	18.93 -0.21 0.00	18.54 -0.19 0.00	18.98 -0.21 0.00	20.32 -0.21 0.00	23.40 -0.26 0.00	24.16 -0.39 0.00	25.66 -0.42 0.00	26.55 -0.40 0.00	28.91 -0.38 0.00	28.66 -0.41 0.00	29.11 -0.50 0.00	28.99 -0.47 0.00	28.86 -0.47 0.00	29.47 -0.51 0.00	32.05 -0.59 0.00	35.97 -0.73 0.00	31.46 -0.64 0.00	27.59 -0.48 0.00	25.90 -0.39 0.00	23.98 -0.37 0.00	22.80 -0.25 0.00	21.40 -0.19 0.00
TIANA____69_KV_BK 1 55817	23.70 1.80 -0.26	21.84 1.50 0.00	20.71 1.57 0.00	20.17 1.44 0.00	20.72 1.54 0.00	22.07 1.54 0.00	25.53 1.87 0.00	28.19 2.31 -1.33	28.75 2.56 -0.12	31.94 2.61 -2.38	34.28 3.10 -1.88	32.80 3.02 -0.71	35.96 3.11 -3.24	34.37 3.06 -1.84	35.03 3.08 -2.62	36.17 3.15 -3.04	36.07 3.39 -0.04	46.08 3.89 -5.48	35.02 2.92 0.00	30.76 2.69 0.00	30.30 2.52 -1.49	29.52 2.41 -2.76	25.88 1.96 -0.88	23.38 1.79 0.00
TILDEN___115KV_TB1 80814	21.54 -0.11 0.00	20.19 -0.14 0.00	18.98 -0.15 0.00	18.60 -0.13 0.00	19.05 -0.13 0.00	20.41 -0.12 0.00	23.49 -0.17 0.00	24.26 -0.29 0.00	25.77 -0.31 0.00	26.65 -0.30 0.00	29.02 -0.26 0.00	28.80 -0.26 0.00	29.26 -0.36 0.00	29.14 -0.32 0.00	29.00 -0.32 0.00	29.62 -0.36 0.00	32.24 -0.39 0.00	36.19 -0.51 0.00	31.65 -0.45 0.00	27.76 -0.31 0.00	26.03 -0.26 0.00	24.10 -0.24 0.00	22.89 -0.16 0.00	21.48 -0.11 0.00
TRIGEN___CC 323695	22.90 1.00 -0.26	21.17 0.83 0.00	20.00 0.86 0.00	19.51 0.79 0.00	20.01 0.83 0.00	21.35 0.82 0.00	24.72 1.06 0.00	27.40 1.52 -1.33	27.92 1.72 -0.12	31.14 1.81 -2.38	32.64 1.87 -1.48	31.56 1.83 -0.67	34.71 1.90 -3.19	32.92 1.83 -1.63	32.32 1.85 -1.14	33.42 1.89 -1.55	34.79 2.15 0.00	44.64 2.46 -5.48	34.22 2.12 0.00	29.92 1.85 0.00	29.44 1.66 -1.49	28.49 1.41 -2.73	25.15 1.22 -0.88	22.63 1.04 0.00
TRINITY___115KV___4 BK 55933	21.91 0.26 0.00	20.62 0.28 0.00	19.44 0.31 0.00	19.03 0.30 0.00	19.48 0.29 0.00	20.82 0.29 0.00	23.92 0.26 0.00	24.94 0.39 0.00	26.34 0.26 0.00	27.19 0.24 0.00	29.52 0.23 0.00	29.27 0.20 0.00	29.85 0.24 0.00	29.67 0.21 0.00	29.59 0.26 0.00	30.25 0.27 0.00	32.96 0.33 0.00	37.14 0.44 0.00	32.49 0.39 0.00	28.32 0.25 0.00	26.53 0.24 0.00	24.61 0.27 0.00	23.21 0.16 0.00	21.68 0.09 0.00
UNION___PROCESSING_DRP 323587	21.50 -0.15 0.00	20.05 -0.28 0.00	18.81 -0.33 0.00	18.43 -0.30 0.00	18.90 -0.29 0.00	20.24 -0.29 0.00	23.23 -0.43 0.00	23.96 -0.59 0.00	25.51 -0.57 0.00	26.36 -0.59 0.00	28.64 -0.64 0.00	28.57 -0.49 0.00	28.93 -0.68 0.00	28.90 -0.56 0.00	28.65 -0.67 0.00	29.29 -0.69 0.00	31.65 -0.98 0.00	35.35 -1.36 0.00	31.04 -1.06 0.00	27.37 -0.70 0.00	25.66 -0.63 0.00	23.71 -0.63 0.00	22.57 -0.48 0.00	21.35 -0.24 0.00
UPPER HUDSON___HYD 24058	22.58 0.93 0.00	21.23 0.89 0.00	19.92 0.78 0.00	19.51 0.79 0.00	20.05 0.86 0.00	21.45 0.92 0.00	24.77 1.11 0.00	25.83 1.28 0.00	27.51 1.43 0.00	28.43 1.48 0.00	30.96 1.67 0.00	30.66 1.60 0.00	31.21 1.60 0.00	31.02 1.56 0.00	31.00 1.67 0.00	31.75 1.77 0.00	34.53 1.89 0.00	38.91 2.20 0.00	34.19 2.09 0.00	29.72 1.66 0.00	27.79 1.50 0.00	25.68 1.34 0.00	24.13 1.08 0.00	22.61 1.02 0.00
UPPER RAQUET___HYD 24056	21.26 -0.39 0.00	19.99 -0.35 0.00	18.81 -0.33 0.00	18.41 -0.32 0.00	18.88 -0.31 0.00	20.20 -0.33 0.00	23.35 -0.31 0.00	24.31 -0.25 0.00	25.84 -0.24 0.00	26.68 -0.27 0.00	29.08 -0.20 0.00	28.89 -0.17 0.00	29.56 -0.06 0.00	29.40 -0.06 0.00	29.18 -0.15 0.00	29.83 -0.15 0.00	32.44 -0.19 0.00	36.52 -0.18 0.00	31.88 -0.22 0.00	27.87 -0.20 0.00	26.08 -0.21 0.00	24.12 -0.22 0.00	22.75 -0.30 0.00	21.27 -0.32 0.00
VALLEY44_115KV_TB2 355964	22.17 0.52 0.00	20.76 0.43 0.00	19.46 0.33 0.00	19.08 0.36 0.00	19.59 0.40 0.00	20.92 0.39 0.00	24.13 0.47 0.00	24.87 0.32 0.00	26.44 0.37 0.00	27.25 0.30 0.00	29.52 0.23 0.00	29.47 0.41 0.00	29.76 0.15 0.00	29.76 0.29 0.00	29.47 0.15 0.00	30.10 0.12 0.00	32.44 -0.20 0.00	36.19 -0.51 0.00	31.97 -0.13 0.00	28.24 0.17 0.00	26.42 0.13 0.00	24.46 0.12 0.00	23.26 0.21 0.00	22.20 0.60 0.00
VALLEY___115KV_TB 1-4 80826	21.58 -0.06 0.00	20.29 -0.04 0.00	19.12 -0.02 0.00	18.75 0.02 0.00	19.23 0.04 0.00	20.57 0.04 0.00	23.73 0.07 0.00	24.67 0.12 0.00	26.21 0.13 0.00	27.11 0.16 0.00	29.46 0.18 0.00	29.27 0.20 0.00	29.85 0.24 0.00	29.73 0.27 0.00	29.59 0.26 0.00	30.25 0.27 0.00	32.96 0.33 0.00	37.03 0.33 0.00	32.36 0.26 0.00	28.24 0.17 0.00	26.42 0.13 0.00	24.46 0.12 0.00	23.14 0.09 0.00	21.68 0.09 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	22.69 1.04 0.00	21.27 0.94 0.00	19.98 0.84 0.00	19.57 0.84 0.00	20.05 0.86 0.00	21.45 0.92 0.00	24.84 1.18 0.00	25.90 1.35 0.00	27.64 1.56 0.00	28.62 1.67 0.00	31.16 1.87 0.00	30.92 1.86 0.00	31.48 1.87 0.00	31.35 1.89 0.00	31.17 1.85 0.00	31.81 1.83 0.00	34.66 2.02 0.00	38.91 2.20 0.00	34.03 1.93 0.00	29.72 1.66 0.00	27.81 1.52 0.00	25.63 1.29 0.00	24.18 1.13 0.00	22.67 1.08 0.00



VISCHER___FERRY HYD 24020	22.06 0.41 0.00	20.80 0.47 0.00	19.52 0.38 0.00	19.14 0.41 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.18 0.52 0.00	25.17 0.61 0.00	26.78 0.70 0.00	27.65 0.70 0.00	30.02 0.73 0.00	29.76 0.70 0.00	30.33 0.71 0.00	30.14 0.68 0.00	30.03 0.70 0.00	30.73 0.75 0.00	33.51 0.88 0.00	37.84 1.14 0.00	33.06 0.96 0.00	28.83 0.76 0.00	27.02 0.74 0.00	25.05 0.71 0.00	23.56 0.51 0.00	22.04 0.45 0.00
V_A_10_SYNC_DSASP 323832	21.33 -0.32 0.00	19.74 -0.59 0.00	18.81 -0.33 0.00	18.15 -0.58 0.00	18.61 -0.58 0.00	20.26 -0.27 0.00	22.99 -0.66 0.00	23.54 -1.01 0.00	24.96 -1.12 0.00	25.71 -1.24 0.00	27.88 -1.41 0.00	27.82 -1.25 0.00	28.17 -1.45 0.00	28.14 -1.33 0.00	27.89 -1.44 0.00	28.48 -1.50 0.00	30.64 -1.99 0.00	34.13 -2.57 0.00	30.14 -1.96 0.00	26.69 -1.37 0.00	25.03 -1.26 0.00	23.15 -1.19 0.00	22.08 -0.97 0.00	21.03 -0.56 0.00
V_CMM_10_SYNC_DSASP 323787	21.74 0.09 0.00	20.43 0.10 0.00	19.21 0.08 0.00	18.80 0.08 0.00	19.27 0.08 0.00	20.61 0.08 0.00	23.78 0.12 0.00	24.70 0.15 0.00	26.24 0.16 0.00	27.11 0.16 0.00	29.49 0.21 0.00	29.30 0.23 0.00	29.88 0.27 0.00	29.72 0.26 0.00	29.56 0.23 0.00	30.19 0.21 0.00	32.83 0.20 0.00	36.96 0.26 0.00	32.30 0.19 0.00	28.24 0.17 0.00	26.45 0.16 0.00	24.51 0.17 0.00	23.17 0.12 0.00	21.68 0.09 0.00
V_CMP_10_SYNC_DSASP 323788	22.41 0.76 0.00	21.06 0.73 0.00	19.83 0.69 0.00	19.36 0.64 0.00	19.84 0.65 0.00	21.27 0.74 0.00	24.53 0.88 0.00	25.46 0.91 0.00	27.04 0.97 0.00	27.92 0.97 0.00	30.40 1.11 0.00	30.23 1.16 0.00	30.89 1.27 0.00	30.73 1.27 0.00	30.50 1.17 0.00	31.18 1.20 0.00	33.87 1.24 0.00	38.13 1.43 0.00	33.32 1.22 0.00	29.16 1.09 0.00	27.31 1.02 0.00	25.27 0.92 0.00	23.88 0.83 0.00	22.35 0.76 0.00
V_D_10_SYNC_DSASP 323841	21.84 0.19 0.00	20.54 0.20 0.00	19.33 0.19 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.92 0.26 0.00	24.85 0.30 0.00	26.39 0.31 0.00	27.27 0.32 0.00	29.70 0.41 0.00	29.50 0.44 0.00	30.12 0.50 0.00	29.96 0.50 0.00	29.77 0.44 0.00	30.43 0.45 0.00	33.06 0.42 0.00	37.22 0.51 0.00	32.52 0.42 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.66 0.32 0.00	23.30 0.25 0.00	21.81 0.22 0.00
V_E_10_SYNC_DSASP 323830	23.45 1.80 0.00	21.90 1.57 0.00	20.59 1.45 0.00	20.13 1.41 0.00	20.65 1.46 0.00	22.25 1.72 0.00	25.79 2.13 0.00	26.76 2.21 0.00	28.56 2.48 0.00	29.54 2.59 0.00	32.22 2.93 0.00	32.06 2.99 0.00	32.72 3.11 0.00	32.64 3.18 0.00	32.43 3.11 0.00	33.13 3.15 0.00	36.26 3.62 0.00	40.63 3.93 0.00	35.44 3.34 0.00	30.93 2.86 0.00	28.92 2.63 0.00	26.53 2.19 0.00	25.01 1.96 0.00	23.53 1.94 0.00
V_F_30_NSYNC___DSASP 323816	22.45 0.80 0.00	21.12 0.79 0.00	19.83 0.69 0.00	19.42 0.69 0.00	19.94 0.75 0.00	21.31 0.78 0.00	24.58 0.92 0.00	25.61 1.05 0.00	27.25 1.17 0.00	28.16 1.21 0.00	30.64 1.35 0.00	30.34 1.28 0.00	30.92 1.30 0.00	30.73 1.27 0.00	30.67 1.35 0.00	31.39 1.41 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.74 1.64 0.00	29.39 1.32 0.00	27.53 1.24 0.00	25.46 1.12 0.00	23.97 0.92 0.00	22.43 0.84 0.00
V_F_30_SYNC_DSASP 323786	21.97 0.32 0.00	20.68 0.35 0.00	19.50 0.36 0.00	19.08 0.36 0.00	19.53 0.35 0.00	20.90 0.37 0.00	23.99 0.33 0.00	25.04 0.49 0.00	26.44 0.37 0.00	27.30 0.35 0.00	29.67 0.38 0.00	29.38 0.32 0.00	30.00 0.39 0.00	29.81 0.35 0.00	29.71 0.38 0.00	30.40 0.42 0.00	33.09 0.46 0.00	37.29 0.59 0.00	32.62 0.51 0.00	28.43 0.36 0.00	26.63 0.34 0.00	24.71 0.37 0.00	23.30 0.25 0.00	21.74 0.15 0.00
V_XM_10_SYNC_DSASP 323789	22.41 0.76 0.00	21.06 0.73 0.00	19.83 0.69 0.00	19.36 0.64 0.00	19.84 0.65 0.00	21.27 0.74 0.00	24.53 0.88 0.00	25.46 0.91 0.00	27.04 0.97 0.00	27.92 0.97 0.00	30.40 1.11 0.00	30.23 1.16 0.00	30.89 1.27 0.00	30.73 1.27 0.00	30.50 1.17 0.00	31.18 1.20 0.00	33.87 1.24 0.00	38.13 1.43 0.00	33.32 1.22 0.00	29.16 1.09 0.00	27.31 1.02 0.00	25.27 0.92 0.00	23.88 0.83 0.00	22.35 0.76 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	22.23 0.58 0.00	20.88 0.55 0.00	19.69 0.55 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.02 0.49 0.00	24.41 0.76 0.00	25.63 1.08 0.00	27.36 1.28 0.00	28.27 1.32 0.00	30.64 1.35 0.00	30.37 1.31 0.00	30.98 1.36 0.00	30.76 1.30 0.00	30.64 1.32 0.00	31.36 1.38 0.00	34.20 1.57 0.00	38.54 1.84 0.00	33.71 1.61 0.00	29.42 1.35 0.00	27.50 1.21 0.00	25.36 1.02 0.00	23.88 0.83 0.00	22.28 0.69 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	22.32 0.67 0.00	20.96 0.63 0.00	19.77 0.63 0.00	19.33 0.60 0.00	19.78 0.59 0.00	21.08 0.55 0.00	24.46 0.80 0.00	25.78 1.23 0.00	27.51 1.43 0.00	28.49 1.54 0.00	30.84 1.55 0.00	30.55 1.48 0.00	31.19 1.57 0.00	30.96 1.50 0.00	30.85 1.52 0.00	31.51 1.53 0.00	34.40 1.76 0.00	38.69 1.98 0.00	33.87 1.77 0.00	29.58 1.52 0.00	27.60 1.31 0.00	25.44 1.10 0.00	23.97 0.92 0.00	22.35 0.76 0.00
W50THST__13_KV_LOAD 356117	22.43 0.78 0.00	21.04 0.71 0.00	19.86 0.73 0.00	19.42 0.69 0.00	19.88 0.69 0.00	21.19 0.66 0.00	24.58 0.92 0.00	25.93 1.37 0.00	27.67 1.59 0.00	28.67 1.72 0.00	31.02 1.73 0.00	30.75 1.69 0.00	31.36 1.75 0.00	31.17 1.71 0.00	31.03 1.70 0.00	31.72 1.74 0.00	34.59 1.96 0.00	38.87 2.17 0.00	34.00 1.89 0.00	29.70 1.63 0.00	27.76 1.47 0.00	25.56 1.22 0.00	24.11 1.06 0.00	22.45 0.86 0.00
WADING RIVER_IC_1 23522	23.44 1.54 -0.26	21.65 1.32 0.00	20.40 1.26 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.40 2.55 -3.24	33.84 2.53 -1.85	34.50 2.55 -2.63	35.63 2.61 -3.04	35.48 2.81 -0.04	45.45 3.27 -5.48	34.38 2.28 0.00	30.24 2.16 -0.01	29.86 2.08 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
WADING RIVER_IC_2 23547	23.44 1.54 -0.26	21.65 1.32 0.00	20.40 1.26 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.40 2.55 -3.24	33.84 2.53 -1.85	34.50 2.55 -2.63	35.63 2.61 -3.04	35.48 2.81 -0.04	45.45 3.27 -5.48	34.38 2.28 0.00	30.24 2.16 -0.01	29.86 2.08 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00
WADING RIVER_IC_3 23601	23.44 1.54 -0.26	21.65 1.32 0.00	20.40 1.26 0.00	20.00 1.27 0.00	20.51 1.32 0.00	21.76 1.23 0.00	25.24 1.59 0.00	27.82 1.94 -1.33	28.39 2.19 -0.12	31.54 2.21 -2.38	33.81 2.64 -1.89	32.33 2.56 -0.71	35.40 2.55 -3.24	33.84 2.53 -1.85	34.50 2.55 -2.63	35.63 2.61 -3.04	35.48 2.81 -0.04	45.45 3.27 -5.48	34.38 2.28 0.00	30.24 2.16 -0.01	29.86 2.08 -1.49	29.20 2.09 -2.76	25.56 1.64 -0.88	23.12 1.53 0.00



WALDENNY_12_KV_BK2 80841	21.76 0.11 0.00	20.33 0.00 0.00	19.02 -0.11 0.00	18.67 -0.06 0.00	19.15 -0.04 0.00	20.45 -0.08 0.00	23.49 -0.17 0.00	24.18 -0.37 0.00	25.71 -0.37 0.00	26.52 -0.43 0.00	28.76 -0.53 0.00	28.74 -0.32 0.00	28.99 -0.62 0.00	29.02 -0.44 0.00	28.71 -0.62 0.00	29.32 -0.66 0.00	31.52 -1.11 0.00	35.09 -1.61 0.00	31.01 -1.09 0.00	27.48 -0.59 0.00	25.76 -0.53 0.00	23.83 -0.51 0.00	22.70 -0.35 0.00	21.68 0.09 0.00
WALDEN___HYDRO 24148	22.26 0.61 0.00	20.90 0.57 0.00	19.69 0.55 0.00	19.23 0.51 0.00	19.71 0.52 0.00	21.02 0.49 0.00	24.30 0.64 0.00	25.41 0.86 0.00	27.07 0.99 0.00	27.97 1.02 0.00	30.31 1.03 0.00	30.05 0.99 0.00	30.62 1.01 0.00	30.43 0.97 0.00	30.32 1.00 0.00	31.09 1.11 0.00	33.91 1.27 0.00	38.24 1.54 0.00	33.42 1.32 0.00	29.16 1.09 0.00	27.26 0.97 0.00	25.19 0.85 0.00	23.69 0.65 0.00	22.13 0.54 0.00
WARRENSBURG___ 23737	22.58 0.93 0.00	21.23 0.89 0.00	19.92 0.78 0.00	19.51 0.79 0.00	20.05 0.86 0.00	21.45 0.92 0.00	24.77 1.11 0.00	25.83 1.28 0.00	27.51 1.43 0.00	28.43 1.48 0.00	30.96 1.67 0.00	30.66 1.60 0.00	31.21 1.60 0.00	31.02 1.56 0.00	31.00 1.67 0.00	31.75 1.77 0.00	34.53 1.89 0.00	38.91 2.20 0.00	34.19 2.09 0.00	29.72 1.66 0.00	27.79 1.50 0.00	25.68 1.34 0.00	24.13 1.08 0.00	22.61 1.02 0.00
WATERSIDE___6 8 9 23538	22.43 0.78 0.00	21.02 0.69 0.00	19.85 0.71 0.00	19.40 0.67 0.00	19.86 0.67 0.00	21.06 0.53 0.00	24.41 0.76 0.00	25.73 1.18 0.00	27.46 1.38 0.00	28.46 1.51 0.00	30.78 1.49 0.00	30.52 1.45 0.00	31.16 1.54 0.00	30.93 1.47 0.00	30.82 1.50 0.00	31.51 1.53 0.00	34.42 1.79 0.01	24.46 2.06 14.30	23.12 1.83 10.81	19.63 1.57 10.01	27.55 1.26 0.00	25.39 1.05 0.00	23.97 0.92 0.00	22.37 0.78 0.00
WATKINRD_115KV_LN8_ILLION 55919	21.67 0.02 0.00	20.35 0.02 0.00	19.18 0.04 0.00	18.78 0.06 0.00	19.25 0.06 0.00	20.59 0.06 0.00	23.75 0.09 0.00	24.67 0.12 0.00	26.24 0.16 0.00	27.11 0.16 0.00	29.46 0.18 0.00	29.24 0.17 0.00	29.82 0.21 0.00	29.67 0.21 0.00	29.56 0.23 0.00	30.22 0.24 0.00	32.93 0.29 0.00	37.03 0.33 0.00	32.36 0.26 0.00	28.26 0.20 0.00	26.45 0.16 0.00	24.46 0.12 0.00	23.14 0.09 0.00	21.68 0.09 0.00
WATSON___69_KV_BK 1 55734	23.53 1.62 -0.26	21.69 1.36 0.00	20.53 1.40 0.00	20.00 1.27 0.00	20.55 1.36 0.00	21.93 1.40 0.00	25.36 1.70 0.00	28.14 2.26 -1.33	28.68 2.48 -0.12	31.92 2.59 -2.38	33.34 2.43 -1.62	32.27 2.53 -0.68	35.37 2.55 -3.21	33.58 2.42 -1.71	33.42 2.43 -1.66	34.57 2.52 -2.07	35.91 3.26 -0.01	46.00 3.82 -5.48	35.25 3.15 0.00	30.82 2.75 0.00	30.25 2.47 -1.49	29.25 2.17 -2.74	25.79 1.87 -0.88	23.21 1.62 0.00
WDELAWARE___HYD 323627	22.21 0.56 0.00	20.86 0.53 0.00	19.58 0.44 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.92 0.39 0.00	24.22 0.57 0.00	25.24 0.69 0.00	26.94 0.86 0.00	27.84 0.89 0.00	30.20 0.91 0.00	29.94 0.87 0.00	30.48 0.86 0.00	30.28 0.82 0.00	30.20 0.88 0.00	30.97 0.99 0.00	33.81 1.17 0.00	38.13 1.43 0.00	33.29 1.19 0.00	29.05 0.98 0.00	27.13 0.84 0.00	25.10 0.76 0.00	23.58 0.53 0.00	22.07 0.47 0.00
WEST BABYLON___IC 23714	23.40 1.49 -0.26	21.57 1.24 0.00	20.42 1.28 0.00	19.89 1.16 0.00	20.44 1.25 0.00	21.80 1.27 0.00	25.22 1.56 0.00	27.97 2.09 -1.33	28.52 2.32 -0.12	31.76 2.43 -2.38	33.29 2.49 -1.51	32.23 2.50 -0.67	35.39 2.58 -3.20	33.59 2.47 -1.65	33.08 2.49 -1.26	34.24 2.58 -1.68	35.67 3.03 0.00	45.75 3.56 -5.48	35.06 2.95 0.00	30.65 2.58 0.00	30.09 2.31 -1.49	29.10 2.02 -2.74	25.68 1.75 -0.88	23.08 1.49 0.00
WEST CANADA___HYD 24049	21.65 0.00 0.00	20.33 0.00 0.00	19.14 0.00 0.00	18.75 0.02 0.00	19.21 0.02 0.00	20.53 0.00 0.00	23.68 0.02 0.00	24.60 0.05 0.00	26.13 0.05 0.00	27.00 0.05 0.00	29.35 0.06 0.00	29.12 0.06 0.00	29.68 0.06 0.00	29.52 0.06 0.00	29.38 0.06 0.00	30.07 0.09 0.00	32.73 0.10 0.00	36.85 0.15 0.00	32.20 0.10 0.00	28.15 0.08 0.00	26.34 0.05 0.00	24.39 0.05 0.00	23.07 0.02 0.00	21.61 0.02 0.00
WESTERN_NY_WIND 24143	21.80 0.15 0.00	20.29 -0.04 0.00	19.00 -0.13 0.00	18.61 -0.11 0.00	19.13 -0.06 0.00	20.47 -0.06 0.00	23.47 -0.19 0.00	24.16 -0.39 0.00	25.77 -0.31 0.00	26.57 -0.38 0.00	28.82 -0.47 0.00	28.83 -0.23 0.00	29.11 -0.50 0.00	29.11 -0.35 0.00	28.80 -0.53 0.00	29.44 -0.54 0.00	31.75 -0.88 0.00	35.38 -1.32 0.00	31.14 -0.96 0.00	27.56 -0.51 0.00	25.84 -0.45 0.00	23.86 -0.49 0.00	22.73 -0.32 0.00	21.61 0.02 0.00
WESTOVER___LESR 323668	21.89 0.24 0.00	20.54 0.20 0.00	19.31 0.17 0.00	18.91 0.19 0.00	19.38 0.19 0.00	20.74 0.21 0.00	23.89 0.24 0.00	24.75 0.20 0.00	26.34 0.26 0.00	27.19 0.24 0.00	29.58 0.29 0.00	29.38 0.32 0.00	29.85 0.24 0.00	29.76 0.29 0.00	29.59 0.26 0.00	30.25 0.27 0.00	32.86 0.23 0.00	36.85 0.15 0.00	32.30 0.19 0.00	28.32 0.25 0.00	26.53 0.24 0.00	24.54 0.19 0.00	23.23 0.18 0.00	21.89 0.30 0.00
WETHRSFD_WT_PWR 323626	21.93 0.28 0.00	20.33 0.00 0.00	19.37 0.23 0.00	18.71 -0.02 0.00	19.21 0.02 0.00	20.88 0.35 0.00	23.73 0.07 0.00	24.33 -0.22 0.00	25.84 -0.24 0.00	26.65 -0.30 0.00	28.94 -0.35 0.00	28.83 -0.23 0.00	29.20 -0.41 0.00	29.19 -0.27 0.00	28.91 -0.41 0.00	29.53 -0.45 0.00	31.82 -0.81 0.00	35.46 -1.25 0.00	31.30 -0.80 0.00	27.68 -0.39 0.00	25.92 -0.37 0.00	23.98 -0.36 0.00	22.80 -0.25 0.00	21.70 0.11 0.00
WHAVSTOR_138KV_BK127 55557	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.37 0.71 0.00	25.61 1.06 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.61 1.32 0.00	30.34 1.28 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.39 1.32 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	22.17 0.52 0.00	20.82 0.49 0.00	19.62 0.48 0.00	19.18 0.45 0.00	19.65 0.46 0.00	20.96 0.43 0.00	24.37 0.71 0.00	25.61 1.06 0.00	27.33 1.25 0.00	28.27 1.32 0.00	30.61 1.32 0.00	30.34 1.28 0.00	30.95 1.33 0.00	30.76 1.30 0.00	30.62 1.29 0.00	31.33 1.35 0.00	34.17 1.53 0.00	38.50 1.80 0.00	33.68 1.57 0.00	29.39 1.32 0.00	27.47 1.18 0.00	25.34 1.00 0.00	23.86 0.81 0.00	22.26 0.67 0.00
WHITEHAL_115KV_TB1 80871	22.90 1.26 0.00	21.49 1.16 0.00	20.19 1.05 0.00	19.78 1.05 0.00	20.32 1.13 0.00	21.80 1.27 0.00	25.17 1.51 0.00	26.27 1.72 0.00	27.96 1.88 0.00	28.86 1.91 0.00	31.48 2.20 0.00	31.19 2.12 0.00	31.72 2.10 0.00	31.55 2.09 0.00	31.55 2.23 0.00	32.32 2.34 0.00	35.15 2.51 0.00	39.53 2.83 0.00	34.83 2.73 0.00	30.23 2.16 0.00	28.26 1.97 0.00	26.10 1.75 0.00	24.48 1.43 0.00	22.93 1.34 0.00



WHITEPLN_13_KV_LOAD 356215	22.43 0.78 0.00	21.06 0.73 0.00	19.85 0.71 0.00	19.40 0.67 0.00	19.86 0.67 0.00	21.19 0.66 0.00	24.56 0.90 0.00	25.90 1.35 0.00	27.64 1.56 0.00	28.62 1.67 0.00	31.02 1.73 0.00	30.75 1.69 0.00	31.33 1.72 0.00	31.14 1.68 0.00	31.03 1.70 0.00	31.75 1.77 0.00	34.62 1.99 0.00	39.02 2.31 0.00	34.12 2.02 0.00	29.75 1.68 0.00	27.79 1.50 0.00	25.61 1.27 0.00	24.13 1.08 0.00	22.48 0.89 0.00
WM_FLOYD_69_KV_BK2 356380	23.40 1.49 -0.26	21.57 1.24 0.00	20.46 1.32 0.00	19.93 1.20 0.00	20.46 1.27 0.00	21.78 1.25 0.00	25.19 1.54 0.00	27.87 1.99 -1.33	28.44 2.24 -0.12	31.62 2.29 -2.38	33.83 2.67 -1.88	32.36 2.59 -0.71	35.52 2.67 -3.24	33.95 2.65 -1.84	34.57 2.64 -2.61	35.73 2.73 -3.02	35.61 2.94 -0.04	45.53 3.34 -5.48	34.61 2.50 0.00	30.40 2.33 0.00	29.96 2.18 -1.49	29.17 2.07 -2.76	25.58 1.66 -0.88	23.08 1.49 0.00
WOODARD__115KV_TB2 355635	21.39 -0.26 0.00	20.07 -0.26 0.00	18.87 -0.27 0.00	18.48 -0.24 0.00	18.92 -0.27 0.00	20.26 -0.27 0.00	23.33 -0.33 0.00	24.06 -0.49 0.00	25.56 -0.52 0.00	26.44 -0.51 0.00	28.79 -0.50 0.00	28.57 -0.49 0.00	29.02 -0.59 0.00	28.90 -0.56 0.00	28.77 -0.56 0.00	29.38 -0.60 0.00	31.98 -0.65 0.00	35.90 -0.81 0.00	31.40 -0.71 0.00	27.54 -0.53 0.00	25.82 -0.47 0.00	23.90 -0.44 0.00	22.73 -0.32 0.00	21.33 -0.26 0.00
YORK___WARBASSE 23770	22.54 0.89 0.00	21.10 0.77 0.00	19.92 0.78 0.00	19.48 0.75 0.00	19.94 0.75 0.00	21.13 0.60 0.00	24.48 0.83 0.00	25.80 1.25 0.00	27.54 1.46 0.00	28.57 1.62 0.00	30.90 1.61 0.00	30.63 1.57 0.00	31.27 1.66 0.00	31.08 1.62 0.00	30.97 1.64 0.00	31.63 1.65 0.00	34.65 1.96 -0.06	139.05 2.24 -100.11	109.81 2.02 -75.69	99.90 1.74 -70.09	27.66 1.37 0.00	25.49 1.14 0.00	24.09 1.04 0.00	22.48 0.89 0.00