

# Time Weighted/Integrated Real Time LBMP- Generator

--- LBMP \$		--- Marginal Cost of Losses										--- Marginal Cost of Congestion										03/04/2024			
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	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	EST	
	18.49	17.15	17.27	16.36	17.21	17.93	21.05	25.49	22.61	20.68	20.43	21.36	20.48	21.10	20.64	20.57	20.77	28.22	25.49	21.72	24.02	24.31	21.92	20.33	
	0.48	0.51	0.49	0.37	0.37	0.46	0.66	1.08	1.04	0.94	0.90	0.79	0.85	0.94	0.97	1.04	1.06	1.69	1.64	1.30	1.21	1.24	1.01	0.99	
74TH STREET_GT_1 24260																									
	18.48	17.13	17.25	16.34	17.21	17.92	21.02	25.47	22.61	20.66	20.42	21.35	20.47	21.09	20.62	20.56	20.75	28.20	25.47	21.71	24.02	24.31	21.95	20.35	
	0.47	0.49	0.47	0.35	0.37	0.45	0.64	1.05	1.04	0.93	0.89	0.78	0.85	0.93	0.95	1.03	1.04	1.67	1.62	1.29	1.21	1.24	1.03	1.01	
74TH STREET_GT_2 24261																									
	18.48	17.13	17.25	16.34	17.21	17.92	21.02	25.47	22.61	20.66	20.42	21.35	20.47	21.09	20.62	20.56	20.75	28.20	25.47	21.71	24.02	24.31	21.95	20.35	
	0.47	0.49	0.47	0.35	0.37	0.45	0.64	1.05	1.04	0.93	0.89	0.78	0.85	0.93	0.95	1.03	1.04	1.67	1.62	1.29	1.21	1.24	1.03	1.01	
ADK HUDSON___FALLS 24011																									
	18.43	17.09	17.19	16.32	17.24	17.91	20.97	25.25	22.25	20.29	20.19	21.13	20.15	20.79	20.19	20.08	20.46	27.88	25.04	21.44	23.73	23.84	21.64	20.05	
	0.42	0.45	0.41	0.33	0.40	0.45	0.59	0.83	0.68	0.56	0.66	0.56	0.53	0.63	0.52	0.55	0.75	1.35	1.19	1.02	0.92	0.77	0.72	0.71	
ADK RESOURCE___RCVRY 23798																									
	18.47	17.13	17.21	16.34	17.29	17.98	21.05	25.35	22.33	20.37	20.30	21.23	20.24	20.90	20.30	20.20	20.59	28.11	25.23	21.61	23.88	23.94	21.74	20.16	
	0.46	0.49	0.43	0.35	0.45	0.51	0.67	0.93	0.76	0.64	0.78	0.66	0.62	0.74	0.63	0.67	0.88	1.58	1.38	1.19	1.07	0.87	0.82	0.82	
ADK S GLENS___FALLS 24028																									
	18.43	17.09	17.19	16.32	17.24	17.91	20.97	25.25	22.25	20.29	20.19	21.13	20.15	20.79	20.19	20.08	20.46	27.88	25.04	21.44	23.73	23.84	21.64	20.05	
	0.42	0.45	0.41	0.33	0.40	0.45	0.59	0.83	0.68	0.56	0.66	0.56	0.53	0.63	0.52	0.55	0.75	1.35	1.19	1.02	0.92	0.77	0.72	0.71	
ADK_NYS___DAM 23527																									
	18.34	17.14	17.26	16.35	17.11	17.72	20.59	24.81	21.81	19.85	19.67	20.61	19.69	20.29	19.73	19.68	20.01	27.05	24.33	20.79	23.03	23.45	21.34	19.82	
	0.33	0.50	0.48	0.36	0.28	0.26	0.20	0.39	0.24	0.12	0.14	0.04	0.07	0.14	0.06	0.15	0.30	0.52	0.48	0.37	0.22	0.38	0.42	0.49	
AIR_PRODUCTS___DRP 24190																									
	18.33	17.03	17.15	16.28	17.13	17.77	20.73	24.98	22.04	20.11	19.90	20.89	19.94	20.53	20.01	19.92	20.20	27.37	24.64	21.04	23.36	23.64	21.47	19.89	
	0.32	0.39	0.37	0.30	0.29	0.31	0.34	0.57	0.47	0.38	0.37	0.32	0.32	0.37	0.34	0.40	0.49	0.85	0.79	0.62	0.55	0.57	0.55	0.56	
AKWESSNE_115KV_BK 355683																									
	18.19	16.70	16.82	16.10	17.04	17.68	20.58	24.53	21.67	19.88	19.69	20.81	19.79	20.30	19.81	19.62	19.77	26.36	23.60	20.26	22.83	23.11	20.97	19.16	
	0.18	0.06	0.04	0.11	0.20	0.22	0.19	0.11	0.10	0.15	0.16	0.23	0.17	0.15	0.14	0.09	0.06	-0.17	-0.25	-0.16	0.01	0.04	0.05	-0.17	
ALBANY_1_SOLAR 323833																									
	18.50	17.17	17.30	16.44	17.29	17.94	20.93	25.16	22.18	20.24	20.03	21.03	20.06	20.63	20.11	20.03	20.32	27.56	24.79	21.13	23.50	23.77	21.56	19.98	
	0.48	0.53	0.52	0.45	0.45	0.48	0.54	0.75	0.61	0.51	0.50	0.46	0.44	0.47	0.44	0.50	0.61	1.03	0.94	0.71	0.68	0.70	0.64	0.64	
ALBANY_2_SOLAR 323834																									
	18.49	17.17	17.30	16.43	17.29	17.94	20.92	25.15	22.18	20.24	20.02	21.02	20.06	20.63	20.10	20.03	20.31	27.55	24.78	21.13	23.49	23.76	21.56	19.97	
	0.48	0.53	0.52	0.44	0.45	0.48	0.53	0.74	0.61	0.50	0.49	0.45	0.44	0.47	0.43	0.50	0.60	1.02	0.93	0.70	0.68	0.69	0.64	0.64	
ALBANY___1 23571																									
	18.33	17.03	17.15	16.28	17.13	17.77	20.73	24.98	22.04	20.11	19.90	20.89	19.94	20.53	20.01	19.92	20.20	27.37	24.64	21.04	23.36	23.64	21.47	19.89	
	0.32	0.39	0.37	0.30	0.29	0.31	0.34	0.57	0.47	0.38	0.37	0.32	0.32	0.37	0.34	0.40	0.49	0.85	0.79	0.62	0.55	0.57	0.55	0.56	



ARTHUR_KILL_COGEN 323718	18.43 0.41 0.00	17.04 0.40 0.00	17.14 0.36 0.00	16.19 0.21 0.00	17.06 0.22 0.00	17.78 0.31 0.00	20.87 0.48 0.00	25.26 0.85 0.00	22.38 0.81 0.00	20.45 0.72 0.00	19.90 0.64 0.27	21.08 0.51 0.00	20.20 0.58 0.00	20.86 0.70 0.00	20.47 0.80 0.00	20.40 0.88 0.00	20.62 0.91 0.00	28.01 1.49 0.00	25.35 1.50 0.00	21.64 1.22 0.00	23.94 1.13 0.00	24.19 1.12 0.00	21.83 0.91 0.00	20.26 0.92 0.00
ASHOKAN____ 23654	18.52 0.51 0.00	17.17 0.52 0.00	17.32 0.53 0.00	16.45 0.46 0.00	17.33 0.50 0.00	18.03 0.57 0.00	21.10 0.72 0.00	25.64 1.22 0.00	22.75 1.18 0.00	20.74 1.01 0.00	20.45 0.92 0.00	21.43 0.86 0.00	20.45 0.83 0.00	20.91 0.75 0.00	20.49 0.82 0.00	20.49 0.97 0.00	20.84 1.13 0.00	28.39 1.86 0.00	25.55 1.70 0.00	21.69 1.27 0.00	24.08 1.27 0.00	24.32 1.25 0.00	21.98 1.06 0.00	20.32 0.98 0.00
ASTORIA_EAST_ENERGY_CC1 323581	18.37 0.36 0.00	16.97 0.33 0.00	17.07 0.29 0.00	16.16 0.17 0.00	17.03 0.19 0.00	17.73 0.26 0.00	20.83 0.44 0.00	25.25 0.83 0.00	22.39 0.82 0.00	20.46 0.73 0.00	20.23 0.70 0.00	21.15 0.58 0.00	20.26 0.64 0.00	20.90 0.74 0.00	20.43 0.76 0.00	20.33 0.81 0.00	20.55 0.84 0.00	27.91 1.38 0.00	25.23 1.38 0.00	21.52 1.09 0.00	23.80 0.99 0.00	24.10 1.03 0.00	21.74 0.82 0.00	20.16 0.83 0.00
ASTORIA_EAST_ENERGY_CC2 323582	18.37 0.36 0.00	16.97 0.33 0.00	17.07 0.29 0.00	16.16 0.17 0.00	17.03 0.19 0.00	17.73 0.26 0.00	20.83 0.44 0.00	25.25 0.83 0.00	22.39 0.82 0.00	20.46 0.73 0.00	20.23 0.70 0.00	21.15 0.58 0.00	20.26 0.64 0.00	20.90 0.74 0.00	20.43 0.76 0.00	20.33 0.80 0.00	20.55 0.84 0.00	27.91 1.38 0.00	25.23 1.38 0.00	21.52 1.09 0.00	23.80 0.99 0.00	24.10 1.03 0.00	21.74 0.82 0.00	20.16 0.83 0.00
ASTORIA_GT2_1 24094	18.38 0.37 0.00	16.97 0.34 0.00	17.07 0.29 0.00	16.17 0.17 0.00	17.03 0.20 0.00	17.73 0.27 0.00	20.84 0.45 0.00	25.26 0.85 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.58 0.00	20.28 0.66 0.00	20.90 0.74 0.00	20.45 0.77 0.00	20.37 0.84 0.00	20.56 0.85 0.00	27.93 1.40 0.00	25.24 1.39 0.00	21.53 1.10 0.00	23.81 1.00 0.00	24.10 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
ASTORIA_GT2_2 24095	18.38 0.37 0.00	16.97 0.34 0.00	17.07 0.29 0.00	16.17 0.17 0.00	17.03 0.20 0.00	17.73 0.27 0.00	20.84 0.45 0.00	25.26 0.85 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.58 0.00	20.28 0.66 0.00	20.90 0.74 0.00	20.45 0.77 0.00	20.37 0.84 0.00	20.56 0.85 0.00	27.93 1.40 0.00	25.24 1.39 0.00	21.53 1.10 0.00	23.81 1.00 0.00	24.10 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
ASTORIA_GT2_3 24096	18.38 0.37 0.00	16.97 0.34 0.00	17.07 0.29 0.00	16.17 0.17 0.00	17.03 0.20 0.00	17.73 0.27 0.00	20.84 0.45 0.00	25.26 0.85 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.58 0.00	20.28 0.66 0.00	20.90 0.74 0.00	20.45 0.77 0.00	20.37 0.84 0.00	20.56 0.85 0.00	27.93 1.40 0.00	25.24 1.39 0.00	21.53 1.10 0.00	23.81 1.00 0.00	24.10 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
ASTORIA_GT2_4 24097	18.38 0.37 0.00	16.97 0.34 0.00	17.07 0.29 0.00	16.17 0.17 0.00	17.03 0.20 0.00	17.73 0.27 0.00	20.84 0.45 0.00	25.26 0.85 0.00	22.41 0.84 0.00	20.47 0.74 0.00</														

ASTORIA_GT4_4 24105	18.38 0.37 0.00	16.97 0.34 0.00	17.07 0.29 0.00	16.17 0.17 0.00	17.03 0.20 0.00	17.73 0.27 0.00	20.84 0.45 0.00	25.26 0.85 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.58 0.00	20.28 0.66 0.00	20.90 0.74 0.00	20.45 0.77 0.00	20.37 0.84 0.00	20.56 0.85 0.00	27.93 1.40 0.00	25.24 1.39 0.00	21.53 1.10 0.00	23.81 1.00 0.00	24.10 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
ASTORIA_GT_1 23523	18.41 0.39 0.00	17.00 0.36 0.00	17.10 0.32 0.00	16.18 0.20 0.00	17.06 0.22 0.00	17.76 0.29 0.00	20.87 0.49 0.00	25.30 0.89 0.00	22.46 0.89 0.00	20.51 0.78 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.30 0.68 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.38 0.85 0.00	20.60 0.89 0.00	27.98 1.45 0.00	25.29 1.44 0.00	21.57 1.14 0.00	23.85 1.04 0.00	24.15 1.08 0.00	21.79 0.87 0.00	20.20 0.87 0.00
ASTORIA_GT_10 24110	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.89 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.32 1.46 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
ASTORIA_GT_11 24225	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.89 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.32 1.46 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
ASTORIA_GT_12 24226	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.89 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.32 1.46 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
ASTORIA_GT_13 24227	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.89 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.32 1.46 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
ASTORIA_GT_5 24106	18.41 0.39 0.00	17.00 0.36 0.00	17.10 0.32 0.00	16.18 0.20 0.00	17.06 0.22 0.00	17.76 0.30 0.00	20.87 0.49 0.00	25.30 0.89 0.00	22.46 0.89 0.00	20.51 0.78 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.49 0.81 0.00	20.40 0.88 0.00	20.60 0.89 0.00	27.98 1.46 0.00	25.29 1.44 0.00	21.57 1.14 0.00	23.85 1.04 0.00	24.15 1.08 0.00	21.79 0.87 0.00	20.20 0.87 0.00
ASTORIA_GT_7 24107	18.41 0.39 0.00	17.00 0.36 0.00	17.10 0.32 0.00	16.18 0.20 0.00	17.06 0.22 0.00	17.76 0.30 0.00	20.87 0.49 0.00	25.30 0.89 0.00	22.46 0.89 0.00	20.51 0.78 0.00	20.28													











BRISTLHL_115KV_TB1 79998	17.64 -0.37 0.00	16.31 -0.32 0.00	16.46 -0.33 0.00	15.65 -0.34 0.00	16.42 -0.42 0.00	17.01 -0.45 0.00	19.90 -0.48 0.00	23.85 -0.57 0.00	21.02 -0.55 0.00	19.19 -0.54 0.00	18.98 -0.55 0.00	20.03 -0.54 0.00	19.11 -0.51 0.00	19.61 -0.55 0.00	19.15 -0.52 0.00	19.00 -0.53 0.00	19.20 -0.51 0.00	26.01 -0.52 0.00	23.40 -0.45 0.00	20.03 -0.39 0.00	22.28 -0.53 0.00	22.47 -0.60 0.00	20.36 -0.55 0.00	19.00 -0.34 0.00
BROOKHAVEN___DRP 24191	18.76 0.75 0.00	17.34 0.70 0.00	17.45 0.67 0.00	16.53 0.54 0.00	17.44 0.60 0.00	18.15 0.69 0.00	20.99 0.60 0.00	25.18 0.77 0.00	22.38 0.81 0.00	20.61 0.88 0.00	20.37 0.84 0.00	21.14 0.56 0.00	20.25 0.63 0.00	20.90 0.74 0.00	20.44 0.77 0.00	20.34 0.82 0.00	20.50 0.79 0.00	28.17 1.64 0.00	25.45 1.60 0.00	21.60 1.18 0.00	24.04 1.23 0.00	24.18 1.11 0.00	21.86 0.94 0.00	20.33 1.00 0.00
BROOKLYN_NAVY_YARD 23515	18.35 0.34 0.00	17.01 0.37 0.00	17.13 0.35 0.00	16.22 0.23 0.00	17.08 0.24 0.00	17.78 0.31 0.00	20.87 0.48 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.51 0.78 0.00	20.27 0.74 0.00	21.19 0.62 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.41 0.88 0.00	20.61 0.90 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.57 1.15 0.00	23.86 1.05 0.00	24.16 1.09 0.00	21.79 0.87 0.00	20.21 0.88 0.00
BROOKLYN___ARMY_DRP 323595	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
BROOKVLE_69_KV_TB1 55790	18.81 0.80 0.00	17.40 0.76 0.00	17.50 0.72 0.00	16.57 0.58 0.00	17.47 0.63 0.00	18.21 0.75 0.00	21.28 0.89 0.00	25.67 1.25 0.00	22.81 1.24 0.00	21.12 1.38 0.00	20.84 1.31 0.00	21.55 0.98 0.00	20.67 1.05 0.00	21.36 1.20 0.00	20.85 1.18 0.00	20.79 1.26 0.00	20.96 1.25 0.00	28.42 1.90 0.00	25.71 1.86 0.00	21.88 1.46 0.00	24.34 1.53 0.00	24.60 1.53 0.00	22.21 1.29 0.00	20.59 1.26 0.00
BROOME_2_LFGE 323671	17.75 -0.26 0.00	16.45 -0.19 0.00	16.60 -0.17 0.00	15.77 -0.22 0.00	16.58 -0.25 0.00	17.24 -0.23 0.00	20.20 -0.19 0.00	24.30 -0.12 0.00	23.40 -0.13 -1.96	20.21 -0.16 -0.63	19.42 -0.11 0.00	24.38 -0.09 -3.89	19.83 -0.03 -0.23	20.86 -0.06 -0.76	20.19 -0.05 -0.56	20.15 -0.07 -0.70	20.44 -0.13 -0.86	30.68 0.03 -4.12	26.10 0.09 -2.16	21.89 0.02 -1.45	24.90 -0.12 -2.21	24.65 -0.20 -1.78	20.98 -0.16 -0.23	19.47 -0.03 -0.16
BROOME___LFGE 323600	17.75 -0.26 0.00	16.45 -0.19 0.00	16.60 -0.17 0.00	15.77 -0.22 0.00	16.58 -0.25 0.00	17.24 -0.23 0.00	20.20 -0.19 0.00	24.30 -0.12 0.00	23.40 -0.13 -1.96	20.21 -0.16 -0.63	19.42 -0.11 0.00	24.38 -0.09 -3.89	19.83 -0.03 -0.23	20.86 -0.06 -0.76	20.19 -0.05 -0.56	20.15 -0.07 -0.70	20.44 -0.13 -0.86	30.68 0.03 -4.12	26.10 0.09 -2.16	21.89 0.02 -1.45	24.90 -0.12 -2.21	24.65 -0.20 -1.78	20.98 -0.16 -0.23	19.47 -0.03 -0.16
BROWNFLS_115KV_TB 3_5 80003	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.04 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.34 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.75 0.00	23.14 -0.70 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.52 -0.40 0.00	19.05 -0.63 -0.34
BROWNSV1_27_KV_LOAD 356125	18.52 0.51 0.00	17.16 0.52 0.00	17.28 0.50 0.00	16.36 0.37 0.00	17.23 0.39 0.00	17.94 0.48 0.00	21.06 0.67 0.00	25.53 1.11 0.00	22.65 1.08 0.00	20.72 0.99 0.00	20.46 0.94 0.00	21.39 0.82 0.00	20.51 0.89 0.00	21.13 0.97 0.00	20.66 0.99 0.00	20.60 1.07 0.00	20.80 1.09 0.00	28.27 1.74 0.00	25.54 1.69 0.00	21.77 1.35 0.00	24.10 1.28 0.00	24.39 1.33 0.00	22.01 1.09 0.00	20.40 1.07 0.00
BURROWS___LYONSDAL 23803	18.25 0.24 0.00	16.73 0.09 0.00	16.90 0.12 0.00	16.12 0.13 0.00	17.00 0.16 0.00	17.60 0.13 0.00	20.53 0.14 0.00	24.66 0.24 0.00	21.63 0.06 0.00	19.76 0.03 0.00	19.43 -0.10 0.00	20.48 -0.10 0.00	19.46 -0.16 0.00	19.96 -0.20 0.00	19.41 -0.26 0.00	19.23 -0.30 0.00	19.48 -0.23 0.00	26.43 -0.10 0.00	23.76 -0.09 0.00	20.33 -0.09 0.00	22.68 -0.14 0.00	22.90 -0.17 0.00	20.69 -0.23 0.00	19.15 -0.28 -0.10
CAITHNESS_CC_1 323624	18.74 0.73 0.00	17.31 0.67 0.00	17.43 0.65 0.00	16.51 0.52 0.00	17.41 0.57 0.00	18.12 0.66 0.00	20.97 0.59 0.00	25.16 0.75 0.00	22.36 0.79 0.00	20.59 0.86 0.00	20.36 0.83 0.00	21.14 0.56 0.00	20.25 0.63 0.00	20.91 0.75 0.00	20.44 0.77 0.00	20.34 0.81 0.00	20.49 0.78 0.00	28.13 1.61 0.00	25.43 1.58 0.00	21.58 1.16 0.00	24.01 1.20 0.00	24.17 1.10 0.00	21.84 0.92 0.00	20.32 0.98 0.00
CALPINE BETH_PAGE_GT4 24209	18.75 0.74 0.00	17.33 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.14 0.68 0.00	21.16 0.77 0.00	25.50 1.09 0.00	22.65 1.08 0.00	20.82 1.08 0.00	20.55 1.03 0.00	21.40 0.83 0.00	20.51 0.89 0.00	21.22 1.06 0.00	20.72 1.05 0.00	20.65 1.13 0.00	20.78 1.07 0.00	28.30 1.78 0.00	25.60 1.75 0.00	21.77 1.35 0.00	24.17 1.36 0.00	24.39 1.33 0.00	22.10 1.18 0.00	20.50 1.16 0.00
CALPINE_BETH_PAGE_GT_4 323586	18.75 0.74 0.00	17.33 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.14 0.68 0.00	21.16 0.77 0.00	25.50 1.09 0.00	22.65 1.08 0.00	20.81 1.08 0.00	20.55 1.03 0.00	21.40 0.83 0.00	20.51 0.89 0.00	21.21 1.06 0.00	20.72 1.05 0.00	20.65 1.12 0.00	20.77 1.06 0.00	28.30 1.78 0.00	25.60 1.75 0.00	21.78 1.36 0.00	24.17 1.36 0.00	24.39 1.32 0.00	22.09 1.17 0.00	20.50 1.16 0.00
CALPINE_BP_GT1 23823	18.75 0.74 0.00	17.33 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.14 0.68 0.00	21.16 0.77 0.00	25.50 1.09 0.00	22.65 1.08 0.00	20.81 1.08 0.00	20.55 1.03 0.00	21.40 0.83 0.00	20.51 0.89 0.00	21.21 1.06 0.00	20.72 1.05 0.00	20.65 1.12 0.00	20.77 1.06 0.00	28.30 1.78 0.00	25.60 1.75 0.00	21.78 1.36 0.00	24.17 1.36 0.00	24.39 1.32 0.00	22.09 1.17 0.00	20.50 1.16 0.00
CALSPAN___DRP 24200	17.10 -0.92 0.00	15.86 -0.78 0.00	15.99 -0.79 0.00	15.09 -0.90 0.00	15.75 -1.09 0.00	16.56 -0.90 0.00	19.29 -1.10 0.00	22.68 -1.74 0.00	20.22 -1.34 0.00	18.67 -1.06 0.00	18.37 -1.16 0.00	20.00 -0.57 0.00	18.81 -0.81 0.00	19.23 -0.93 0.00	18.73 -0.94 0.00	18.39 -1.14 0.00	18.44 -1.27 0.00	25.20 -1.32 0.00	22.41 -1.45 0.00	19.13 -1.29 0.00	21.26 -1.55 0.00	21.25 -1.83 0.00	19.23 -1.68 0.00	17.98 -1.36 0.00

CALVERTON___SOLAR 323806	18.80 0.79 0.00	17.37 0.73 0.00	17.48 0.71 0.00	16.56 0.58 0.00	17.47 0.63 0.00	18.19 0.73 0.00	21.02 0.63 0.00	25.23 0.81 0.00	22.41 0.84 0.00	20.63 0.90 0.00	20.39 0.86 0.00	21.16 0.58 0.00	20.26 0.64 0.00	20.91 0.75 0.00	20.44 0.77 0.00	20.33 0.81 0.00	20.51 0.80 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.63 1.21 0.00	24.07 1.26 0.00	24.21 1.14 0.00	21.88 0.96 0.00	20.36 1.02 0.00
CANDIGU_WT_PWR 323617	17.04 -0.97 0.00	15.86 -0.78 0.00	15.98 -0.80 0.00	15.17 -0.82 0.00	16.05 -0.79 0.00	16.70 -0.76 0.00	19.75 -0.64 0.00	23.79 -0.62 0.00	24.54 -0.55 -3.52	20.39 -0.48 -1.14	19.09 -0.44 0.00	26.68 -0.34 -6.45	19.77 -0.23 -0.39	21.09 -0.33 -1.27	20.32 -0.29 -0.93	20.23 -0.46 -1.16	20.26 -0.87 -1.42	32.19 -1.16 -6.82	26.60 -0.82 -3.57	22.02 -0.80 -2.40	25.28 -1.19 -3.66	24.60 -1.42 -2.95	20.12 -1.18 -0.38	18.71 -0.89 -0.27
CARR STREET_E__SYR 24060	17.73 -0.27 0.00	16.41 -0.23 0.00	16.55 -0.23 0.00	15.74 -0.25 0.00	16.51 -0.33 0.00	17.12 -0.34 0.00	20.04 -0.34 0.00	24.00 -0.42 0.00	21.16 -0.40 0.00	19.34 -0.39 0.00	19.13 -0.39 0.00	20.21 -0.36 0.00	19.29 -0.34 0.00	19.78 -0.38 0.00	19.31 -0.36 0.00	19.15 -0.38 0.00	19.28 -0.43 0.00	26.04 -0.49 0.00	23.42 -0.43 0.00	20.03 -0.39 0.00	22.35 -0.46 0.00	22.59 -0.48 0.00	20.49 -0.43 0.00	19.11 -0.23 0.00
CARTHAGE___PAPER 23857	18.19 0.17 0.00	16.61 -0.03 0.00	16.78 -0.01 0.00	16.04 0.05 0.00	16.95 0.11 0.00	17.54 0.08 0.00	20.41 0.03 0.00	24.47 0.06 0.00	21.36 -0.21 0.00	19.50 -0.23 0.00	19.00 -0.53 0.00	20.05 -0.52 0.00	18.98 -0.65 0.00	19.41 -0.75 0.00	18.87 -0.81 0.00	18.67 -0.86 0.00	18.92 -0.79 0.00	25.83 -0.69 0.00	23.26 -0.59 0.00	19.96 -0.46 0.00	22.33 -0.48 0.00	22.50 -0.57 0.00	20.27 -0.65 0.00	18.73 -0.77 -0.16
CASSADAGA_WT_PWR 323784	16.83 -1.18 0.00	15.55 -1.09 0.00	15.96 -0.82 0.00	14.96 -1.03 0.00	15.54 -1.29 0.00	16.57 -0.90 0.00	19.32 -1.06 0.00	22.97 -1.44 0.00	14.99 -0.92 5.66	17.26 -0.64 1.83	18.89 -0.64 0.00	9.70 -0.09 10.78	18.69 -0.28 0.65	17.59 -0.45 2.12	17.46 -0.66 1.56	16.68 -0.92 1.93	16.18 -1.16 2.37	14.15 -1.03 11.35	16.90 -1.01 5.95	15.15 -1.27 4.00	15.03 -1.70 6.09	16.10 -2.06 4.91	18.44 -1.85 0.63	17.70 -1.18 0.45
CE_DUNWOOD___DRP 24194	18.41 0.39 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.14 0.30 0.00	17.84 0.38 0.00	20.91 0.52 0.00	25.30 0.89 0.00	22.43 0.86 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.16 0.59 0.00	20.28 0.66 0.00	20.89 0.73 0.00	20.42 0.75 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.24 1.40 0.00	21.52 1.10 0.00	23.84 1.03 0.00	24.12 1.06 0.00	21.81 0.89 0.00	20.22 0.89 0.00
CE_MILLWOOD___DRP 24193	18.39 0.38 0.00	17.03 0.39 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.13 0.29 0.00	17.83 0.37 0.00	20.89 0.51 0.00	25.29 0.87 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.22 0.69 0.00	21.13 0.56 0.00	20.25 0.63 0.00	20.87 0.71 0.00	20.39 0.72 0.00	20.32 0.79 0.00	20.54 0.83 0.00	27.91 1.38 0.00	25.22 1.37 0.00	21.50 1.08 0.00	23.81 1.00 0.00	24.10 1.03 0.00	21.79 0.87 0.00	20.21 0.87 0.00
CE_NYC2_DRP 24202	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.37 0.00	16.25 0.26 0.00	17.10 0.27 0.00	17.81 0.34 0.00	20.90 0.51 0.00	25.33 0.91 0.00	22.48 0.91 0.00	20.55 0.81 0.00	20.30 0.77 0.00	21.22 0.65 0.00	20.34 0.72 0.00	20.96 0.80 0.00	20.51 0.83 0.00	20.44 0.91 0.00	20.64 0.93 0.00	28.04 1.51 0.00	25.34 1.49 0.00	21.60 1.18 0.00	23.89 1.08 0.00	24.18 1.11 0.00	21.82 0.90 0.00	20.23 0.89 0.00
CE_NYC_DRP 24195	18.37 0.36 0.00	17.03 0.39 0.00	17.15 0.36 0.00	16.24 0.25 0.00	17.09 0.26 0.00	17.80 0.34 0.00	20.88 0.49 0.00	25.30 0.89 0.00	22.45 0.88 0.00	20.53 0.79 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.48 0.81 0.00	20.43 0.90 0.00	20.62 0.91 0.00	28.01 1.48 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.86 1.05 0.00	24.16 1.09 0.00	21.81 0.89 0.00	20.23 0.89 0.00
CHAFFEE___LFGE 323603	17.17 -0.85 0.00	15.93 -0.71 0.00	16.06 -0.72 0.00	15.16 -0.83 0.00	15.82 -1.01 0.00	16.64 -0.82 0.00	19.38 -1.01 0.00	22.81 -1.61 0.00	14.87 -1.20 5.50	16.99 -0.96 1.78	18.47 -1.06 0.00	9.63 -0.47 10.47	18.28 -0.71 0.63	17.27 -0.83 2.06	17.30 -0.86 1.51	16.64 -1.01 1.87	16.26 -1.15 2.31	14.30 -1.19 11.04	16.77 -1.30 5.78	15.40 -1.13 3.89	15.51 -1.39 5.92	16.63 -1.67 4.77	18.77 -1.53 0.61	17.65 -1.25 0.43
CHATEAUG_35_KV_LOAD 355732	18.75 0.74 0.00	17.18 0.54 0.00	17.32 0.54 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.06 0.60 0.00	21.02 0.63 0.00	25.10 0.69 0.00	22.13 0.57 0.00	20.14 0.41 0.00	19.94 0.42 0.00	21.11 0.54 0.00	20.08 0.46 0.00	20.57 0.41 0.00	20.02 0.35 0.00	19.80 0.27 0.00	19.89 0.18 0.00	26.29 -0.24 0.00	23.42 -0.43 0.00	20.10 -0.32 0.00	22.53 -0.28 0.00	22.76 -0.30 0.00	20.46 -0.46 0.00	15.04 -0.78 3.51
CHATEAUG_WT_PWR 323614	18.71 0.70 0.00	17.16 0.52 0.00	17.29 0.51 0.00	16.49 0.50 0.00	17.37 0.53 0.00	18.01 0.55 0.00	20.96 0.57 0.00	25.03 0.62 0.00	22.08 0.51 0.00	20.08 0.35 0.00	19.89 0.36 0.00	21.03 0.46 0.00	20.01 0.39 0.00	20.53 0.37 0.00	20.00 0.33 0.00	19.77 0.24 0.00	19.85 0.14 0.00	26.15 -0.38 0.00	23.30 -0.55 0.00	20.01 -0.41 0.00	22.41 -0.40 0.00	22.65 -0.42 0.00	20.33 -0.59 0.00	15.15 -0.92 3.27
CHAT_HIGH_FALL_HYD 323578	18.75 0.74 0.00	17.18 0.54 0.00	17.32 0.54 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.06 0.60 0.00	21.02 0.63 0.00	25.10 0.69 0.00	22.13 0.57 0.00	20.14 0.41 0.00	19.94 0.42 0.00	21.11 0.54 0.00	20.08 0.46 0.00	20.57 0.41 0.00	20.02 0.35 0.00	19.80 0.27 0.00	19.89 0.18 0.00	26.29 -0.24 0.00	23.42 -0.43 0.00	20.10 -0.32 0.00	22.53 -0.28 0.00	22.76 -0.30 0.00	20.46 -0.46 0.00	15.04 -0.78 3.51
CHAUTAUQUA___LFGE 323629	16.88 -1.13 0.00	15.64 -1.00 0.00	15.89 -0.89 0.00	14.96 -1.03 0.00	15.59 -1.25 0.00	16.47 -0.99 0.00	19.24 -1.15 0.00	22.81 -1.60 0.00	14.83 -1.15 5.59	17.01 -0.91 1.81	18.58 -0.95 0.00	9.46 -0.46 10.65	18.36 -0.62 0.64	17.29 -0.78 2.09	17.26 -0.88 1.54	16.53 -1.10 1.90	16.07 -1.30 2.34	14.04 -1.28 11.21	16.75 -1.23 5.87	15.17 -1.30 3.95	15.15 -1.65 6.01	16.30 -1.93 4.84	18.55 -1.75 0.62	17.54 -1.35 0.44
CHERRYST_13_KV_LD 356241	18.41 0.40 0.00	17.06 0.42 0.00	17.18 0.40 0.00	16.28 0.29 0.00	17.14 0.30 0.00	17.84 0.38 0.00	20.94 0.55 0.00	25.38 0.96 0.00	22.52 0.95 0.00	20.59 0.86 0.00	20.35 0.82 0.00	21.27 0.70 0.00	20.40 0.77 0.00	21.01 0.85 0.00	20.54 0.87 0.00	20.49 0.96 0.00	20.68 0.97 0.00	28.10 1.57 0.00	25.38 1.53 0.00	21.63 1.20 0.00	23.92 1.11 0.00	24.22 1.15 0.00	21.86 0.94 0.00	20.27 0.93 0.00

CHESTROR_138KV_BK263 355645	18.30 0.29 0.00	16.95 0.31 0.00	17.08 0.31 0.00	16.20 0.21 0.00	17.07 0.23 0.00	17.76 0.30 0.00	20.82 0.43 0.00	25.35 0.94 0.00	22.46 0.89 0.00	20.50 0.77 0.00	20.22 0.70 0.00	21.13 0.57 0.00	20.20 0.58 0.00	20.80 0.64 0.00	20.35 0.68 0.00	20.31 0.78 0.00	20.54 0.83 0.00	27.92 1.39 0.00	25.24 1.39 0.00	21.53 1.11 0.00	23.86 1.05 0.00	24.13 1.07 0.00	21.83 0.91 0.00	20.24 0.90 0.00
CH_MIDHUDSON___DRP 24192	18.41 0.39 0.00	17.06 0.43 0.00	17.20 0.42 0.00	16.30 0.31 0.00	17.17 0.34 0.00	17.87 0.40 0.00	20.91 0.53 0.00	25.29 0.87 0.00	22.39 0.82 0.00	20.44 0.71 0.00	20.19 0.66 0.00	21.13 0.56 0.00	20.22 0.59 0.00	20.81 0.65 0.00	20.33 0.66 0.00	20.26 0.73 0.00	20.50 0.80 0.00	27.87 1.34 0.00	25.17 1.33 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.06 0.99 0.00	21.76 0.84 0.00	20.18 0.84 0.00
CH_MISC_IPPS 23765	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.27 0.69 0.00	20.34 0.72 0.00	20.94 0.78 0.00	20.46 0.79 0.00	20.39 0.86 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.64 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.31 0.98 0.00
CH_RES_BVR_FALLS 23983	18.04 0.03 0.00	16.55 -0.10 0.00	16.70 -0.08 0.00	15.98 -0.02 0.00	16.87 0.04 0.00	17.48 0.02 0.00	20.34 -0.04 0.00	24.31 -0.10 0.00	21.42 -0.15 0.00	19.63 -0.10 0.00	19.47 -0.06 0.00	20.55 -0.02 0.00	19.57 -0.06 0.00	20.08 -0.08 0.00	19.57 -0.10 0.00	19.38 -0.15 0.00	19.51 -0.20 0.00	26.05 -0.48 0.00	23.32 -0.53 0.00	19.95 -0.47 0.00	22.43 -0.39 0.00	22.69 -0.38 0.00	20.57 -0.35 0.00	18.88 -0.46 0.00
CH_RES_NIAGARA 23895	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.62 -1.76 0.00	21.72 -2.69 0.00	14.87 -2.14 4.56	16.38 -1.88 1.48	17.52 -2.01 0.00	10.64 -1.25 8.68	17.47 -1.63 0.52	16.69 -1.76 1.70	16.67 -1.74 1.26	16.02 -1.95 1.55	15.80 -1.99 1.91	15.08 -2.29 9.16	16.73 -2.32 4.80	15.28 -1.91 3.23	15.72 -2.19 4.91	16.60 -2.51 3.96	18.06 -2.35 0.51	17.00 -1.98 0.36
CH_RES_SYRACUSE 23985	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.85 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.23 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.73 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
CLINTON_WT_PWR 323605	18.71 0.70 0.00	17.16 0.52 0.00	17.29 0.51 0.00	16.49 0.50 0.00	17.37 0.53 0.00	18.01 0.55 0.00	20.96 0.57 0.00	25.03 0.62 0.00	22.08 0.51 0.00	20.08 0.35 0.00	19.89 0.36 0.00	21.03 0.46 0.00	20.01 0.39 0.00	20.53 0.37 0.00	20.00 0.33 0.00	19.77 0.24 0.00	19.85 0.14 0.00	26.15 -0.38 0.00	23.30 -0.55 0.00	20.01 -0.41 0.00	22.41 -0.40 0.00	22.65 -0.42 0.00	20.33 -0.59 0.00	15.15 -0.92 3.27
CLINTON___LFGE 323618	18.97 0.97 0.00	17.40 0.76 0.00	17.53 0.75 0.00	16.69 0.70 0.00	17.56 0.73 0.00	18.20 0.74 0.00	21.22 0.83 0.00	25.39 0.98 0.00	22.37 0.80 0.00	20.32 0.59 0.00	20.12 0.59 0.00	21.29 0.71 0.00	20.23 0.61 0.00	20.73 0.57 0.00	20.20 0.53 0.00	19.98 0.45 0.00	20.07 0.36 0.00	26.42 -0.10 0.00	23.58 -0.27 0.00	20.28 -0.14 0.00	22.70 -0.11 0.00	22.92 -0.15 0.00	20.57 -0.35 0.00	15.32 -0.68 3.33
COBBLENY_34_KV_TB1 80064	17.17 -0.84 0.00	15.93 -0.71 0.00	16.06 -0.72 0.00	15.16 -0.83 0.00	15.82 -1.01 0.00	16.64 -0.82 0.00	19.38 -1.01 0.00	22.81 -1.61 0.00	20.34 -1.23 0.00	18.76 -0.97 0.00	18.46 -1.07 0.00	20.08 -0.49 0.00	18.90 -0.73 0.00	19.31 -0.85 0.00	18.82 -0.85 0.00	18.48 -1.05 0.00	18.54 -1.17 0.00	25.32 -1.20 0.00	22.53 -1.32 0.00	19.26 -1.16 0.00	21.39 -1.42 0.00	21.38 -1.69 0.00	19.36 -1.56 0.00	18.08 -1.26 0.00
COFFEEN___115KV_TB3 355620	18.04 0.03 0.00	16.49 -0.15 0.00	16.65 -0.13 0.00	15.91 -0.08 0.00	16.79 -0.05 0.00	17.39 -0.07 0.00	20.28 -0.11 0.00	24.30 -0.11 0.00	21.16 -0.41 0.00	19.35 -0.38 0.00	18.70 -0.82 0.00	19.67 -0.90 0.00	18.65 -0.97 0.00	19.07 -1.09 0.00	18.56 -1.11 0.00	18.34 -1.19 0.00	18.62 -1.09 0.00	25.66 -0.87 0.00	23.19 -0.66 0.00	19.92 -0.50 0.00	22.25 -0.57 0.00	22.37 -0.70 0.00	20.10 -0.82 0.00	18.59 -0.87 -0.13
COLDSPRG_115KV_BK1 355956	17.45 -0.56 0.00	16.16 -0.48 0.00	16.44 -0.34 0.00	15.49 -0.50 0.00	16.22 -0.62 0.00	17.11 -0.35 0.00	20.00 -0.39 0.00	23.72 -0.69 0.00	21.21 -0.36 0.00	19.52 -0.22 0.00	19.28 -0.25 0.00	20.95 0.38 0.00	19.82 0.20 0.00	20.24 0.08 0.00	19.61 -0.06 0.00	19.24 -0.28 0.00	19.19 -0.52 0.00	26.21 -0.31 0.00	23.42 -0.43 0.00	19.84 -0.58 0.00	21.96 -0.86 0.00	21.94 -1.13 0.00	19.93 -0.99 0.00	18.79 -0.55 0.00
COLONIE_LFGE___ 323577	18.29 0.27 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.24 0.25 0.00	17.08 0.24 0.00	17.72 0.25 0.00	20.66 0.27 0.00	24.86 0.45 0.00	21.90 0.33 0.00	19.97 0.24 0.00	19.78 0.25 0.00	20.76 0.19 0.00	19.80 0.18 0.00	20.41 0.25 0.00	19.87 0.19 0.00	19.78 0.25 0.00	20.08 0.37 0.00	27.22 0.69 0.00	24.50 0.65 0.00	20.93 0.51 0.00	23.22 0.41 0.00	23.52 0.45 0.00	21.35 0.44 0.00	19.80 0.47 0.00
COOPERNY_115KV_TB1 80082	18.19 0.18 0.00	16.85 0.21 0.00	16.98 0.20 0.00	16.12 0.13 0.00	16.98 0.15 0.00	17.66 0.19 0.00	20.67 0.28 0.00	24.85 0.44 0.00	21.99 0.42 0.00	20.09 0.35 0.00	19.86 0.33 0.00	20.83 0.26 0.00	19.90 0.28 0.00	20.47 0.31 0.00	19.99 0.32 0.00	19.90 0.37 0.00	20.11 0.40 0.00	27.24 0.71 0.00	24.57 0.71 0.00	20.98 0.56 0.00	23.32 0.50 0.00	23.57 0.51 0.00	21.35 0.44 0.00	19.79 0.46 0.00
COPENHAGEN_WT_PWR 323753	17.94 -0.07 0.00	16.39 -0.26 0.00	16.56 -0.23 0.00	15.82 -0.17 0.00	16.68 -0.16 0.00	17.25 -0.21 0.00	20.05 -0.33 0.00	24.02 -0.40 0.00	20.97 -0.60 0.00	19.22 -0.51 0.00	18.68 -0.85 0.00	19.66 -0.91 0.00	18.63 -0.99 0.00	19.02 -1.14 0.00	18.51 -1.16 0.00	18.28 -1.25 0.00	18.53 -1.18 0.00	25.33 -1.20 0.00	22.79 -1.06 0.00	19.57 -0.86 0.00	21.87 -0.95 0.00	22.01 -1.06 0.00	19.77 -1.15 0.00	18.29 -1.17 -0.12
CORNELL_____ 23752	18.09 0.08 0.00	16.76 0.11 0.00	16.89 0.10 0.00	16.05 0.06 0.00	16.88 0.04 0.00	17.55 0.09 0.00	20.61 0.23 0.00	24.75 0.33 0.00	21.77 0.20 0.00	19.79 0.05 0.00	19.48 -0.05 0.00	20.55 -0.02 0.00	19.64 0.01 0.00	20.13 -0.03 0.00	19.67 0.00 0.00	19.52 -0.01 0.00	19.72 0.01 0.00	26.83 0.30 0.00	24.23 0.38 0.00	20.72 0.30 0.00	22.98 0.17 0.00	23.14 0.07 0.00	20.98 0.06 0.00	19.52 0.18 0.00

CORONA__69_KV_TB1 355595	18.71 0.70 0.00	17.30 0.66 0.00	17.40 0.62 0.00	16.49 0.50 0.00	17.38 0.54 0.00	18.11 0.64 0.00	21.15 0.76 0.00	25.50 1.09 0.00	22.64 1.08 0.00	20.79 1.06 0.00	20.55 1.02 0.00	21.41 0.84 0.00	20.54 0.92 0.00	21.22 1.06 0.00	20.73 1.06 0.00	20.65 1.12 0.00	20.81 1.10 0.00	28.32 1.79 0.00	25.63 1.78 0.00	21.82 1.40 0.00	24.22 1.40 0.00	24.45 1.38 0.00	22.09 1.17 0.00	20.50 1.17 0.00
CORTLAND__115KV_TB3 80093	17.99 -0.02 0.00	16.65 0.01 0.00	16.79 0.01 0.00	15.96 -0.03 0.00	16.77 -0.06 0.00	17.43 -0.04 0.00	20.43 0.05 0.00	24.52 0.11 0.00	21.59 0.02 0.00	19.67 -0.06 0.00	19.42 -0.11 0.00	20.48 -0.09 0.00	19.57 -0.05 0.00	20.08 -0.08 0.00	19.61 -0.07 0.00	19.46 -0.07 0.00	19.63 -0.07 0.00	26.68 0.15 0.00	24.08 0.22 0.00	20.57 0.15 0.00	22.86 0.05 0.00	23.04 -0.03 0.00	20.89 -0.03 0.00	19.43 0.09 0.00
COXSACKIE__GT 23611	19.18 1.17 0.00	17.80 1.16 0.00	17.93 1.15 0.00	17.04 1.05 0.00	17.93 1.10 0.00	18.66 1.20 0.00	21.84 1.45 0.00	26.33 1.91 0.00	23.17 1.60 0.00	21.09 1.36 0.00	20.82 1.30 0.00	21.80 1.23 0.00	20.69 1.07 0.00	21.17 1.01 0.00	20.64 0.97 0.00	20.74 1.21 0.00	21.17 1.45 0.00	28.90 2.37 0.00	25.80 1.95 0.00	21.49 1.07 0.00	24.39 1.58 0.00	24.70 1.63 0.00	22.35 1.43 0.00	20.65 1.31 0.00
CPV__VALLEY__CC1 323721	18.19 0.18 0.00	16.85 0.21 0.00	16.98 0.20 0.00	16.11 0.12 0.00	16.97 0.13 0.00	17.65 0.19 0.00	20.68 0.29 0.00	25.02 0.60 0.00	22.16 0.59 0.00	20.23 0.50 0.00	19.98 0.45 0.00	20.92 0.35 0.00	20.02 0.40 0.00	20.61 0.45 0.00	20.14 0.47 0.00	20.05 0.53 0.00	20.27 0.56 0.00	27.51 0.98 0.00	24.84 0.99 0.00	21.20 0.78 0.00	23.51 0.70 0.00	23.79 0.72 0.00	21.53 0.61 0.00	19.97 0.63 0.00
CPV__VALLEY__CC2 323722	18.19 0.18 0.00	16.85 0.21 0.00	16.98 0.20 0.00	16.11 0.12 0.00	16.97 0.13 0.00	17.65 0.19 0.00	20.68 0.29 0.00	25.02 0.60 0.00	22.16 0.59 0.00	20.23 0.50 0.00	19.98 0.45 0.00	20.92 0.35 0.00	20.02 0.40 0.00	20.61 0.45 0.00	20.14 0.47 0.00	20.05 0.53 0.00	20.27 0.56 0.00	27.51 0.98 0.00	24.84 0.99 0.00	21.20 0.78 0.00	23.51 0.70 0.00	23.79 0.72 0.00	21.53 0.61 0.00	19.97 0.63 0.00
CRESCENT__HYD 24018	18.29 0.27 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.24 0.25 0.00	17.08 0.24 0.00	17.72 0.25 0.00	20.66 0.27 0.00	24.86 0.45 0.00	21.90 0.33 0.00	19.97 0.24 0.00	19.78 0.25 0.00	20.76 0.19 0.00	19.80 0.18 0.00	20.41 0.25 0.00	19.87 0.19 0.00	19.78 0.25 0.00	20.08 0.37 0.00	27.22 0.69 0.00	24.50 0.65 0.00	20.93 0.51 0.00	23.22 0.41 0.00	23.52 0.45 0.00	21.35 0.44 0.00	19.80 0.47 0.00
CRICKET__VALLEY_CC1 323756	18.23 0.22 0.00	16.92 0.28 0.00	17.06 0.27 0.00	16.16 0.17 0.00	17.03 0.20 0.00	17.71 0.24 0.00	20.68 0.30 0.00	24.99 0.57 0.00	22.10 0.53 0.00	20.16 0.43 0.00	19.93 0.40 0.00	20.86 0.28 0.00	19.97 0.35 0.00	20.57 0.41 0.00	20.08 0.41 0.00	19.99 0.46 0.00	20.25 0.54 0.00	27.53 1.01 0.00	24.87 1.02 0.00	21.21 0.79 0.00	23.48 0.66 0.00	23.76 0.69 0.00	21.52 0.60 0.00	19.98 0.65 0.00
CRICKET__VALLEY_CC2 323757	18.23 0.22 0.00	16.92 0.28 0.00	17.06 0.27 0.00	16.16 0.17 0.00	17.03 0.20 0.00	17.71 0.24 0.00	20.68 0.30 0.00	24.99 0.57 0.00	22.10 0.53 0.00	20.16 0.43 0.00	19.93 0.40 0.00	20.86 0.28 0.00	19.97 0.35 0.00	20.57 0.41 0.00	20.08 0.41 0.00	19.99 0.46 0.00	20.25 0.54 0.00	27.53 1.01 0.00	24.87 1.02 0.00	21.21 0.79 0.00	23.48 0.66 0.00	23.76 0.69 0.00	21.52 0.60 0.00	19.98 0.65 0.00
CRICKET__VALLEY_CC3 323758	18.23 0.22 0.00	16.92 0.28 0.00	17.06 0.27 0.00	16.16 0.17 0.00	17.03 0.20 0.00	17.71 0.24 0.00	20.68 0.30 0.00	24.99 0.57 0.00	22.10 0.53 0.00	20.16 0.43 0.00	19.93 0.40 0.00	20.86 0.28 0.00	19.97 0.35 0.00	20.57 0.41 0.00	20.08 0.41 0.00	19.99 0.46 0.00	20.25 0.54 0.00	27.53 1.01 0.00	24.87 1.02 0.00	21.21 0.79 0.00	23.48 0.66 0.00	23.76 0.69 0.00	21.52 0.60 0.00	19.98 0.65 0.00
CRUCIBLE__METL_DRP 24180	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
DAHOWA__HYDRO 323763	18.40 0.39 0.00	17.08 0.44 0.00	17.19 0.41 0.00	16.32 0.33 0.00	17.20 0.36 0.00	17.87 0.40 0.00	20.90 0.51 0.00	25.15 0.74 0.00	22.16 0.59 0.00	20.20 0.46 0.00	20.04 0.51 0.00	20.99 0.42 0.00	20.01 0.39 0.00	20.64 0.48 0.00	20.08 0.41 0.00	19.96 0.43 0.00	20.33 0.62 0.00	27.67 1.14 0.00	24.88 1.03 0.00	21.28 0.86 0.00	23.58 0.76 0.00	23.76 0.69 0.00	21.56 0.64 0.00	19.97 0.64 0.00
DANC__LFGE 323619	17.81 -0.20 0.00	16.34 -0.29 0.00	16.50 -0.28 0.00	15.74 -0.25 0.00	16.57 -0.27 0.00	17.15 -0.31 0.00	19.99 -0.40 0.00	23.94 -0.48 0.00	20.96 -0.61 0.00	19.18 -0.55 0.00	18.76 -0.77 0.00	19.76 -0.81 0.00	18.78 -0.83 0.00	19.21 -0.95 0.00	18.72 -0.95 0.00	18.52 -1.01 0.00	18.75 -0.96 0.00	25.56 -0.97 0.00	23.00 -0.85 0.00	19.73 -0.69 0.00	22.02 -0.79 0.00	22.18 -0.89 0.00	19.99 -0.93 0.00	18.57 -0.85 -0.09
DANSKAMMER__1 23586	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.27 0.69 0.00	20.34 0.72 0.00	20.94 0.78 0.00	20.46 0.79 0.00	20.39 0.86 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.64 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.31 0.98 0.00
DANSKAMMER__2 23589	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.27 0.69 0.00	20.34 0.72 0.00	20.94 0.78 0.00	20.46 0.79 0.00	20.39 0.86 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.64 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.31 0.98 0.00
DANSKAMMER__3 23590	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.27 0.69 0.00	20.34 0.72 0.00	20.94 0.78 0.00	20.46 0.79 0.00	20.39 0.86 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.64 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.31 0.98 0.00

DANSKAMMER___4 23591	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.27 0.69 0.00	20.34 0.72 0.00	20.94 0.78 0.00	20.46 0.79 0.00	20.39 0.86 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.64 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.31 0.98 0.00
DANSKAMMER___DIESEL 23592	18.50 0.49 0.00	17.14 0.49 0.00	17.27 0.49 0.00	16.38 0.38 0.00	17.25 0.42 0.00	17.96 0.50 0.00	21.04 0.66 0.00	25.46 1.05 0.00	22.55 0.98 0.00	20.59 0.86 0.00	20.33 0.80 0.00	21.27 0.70 0.00	20.34 0.72 0.00	20.94 0.79 0.00	20.46 0.79 0.00	20.40 0.87 0.00	20.65 0.94 0.00	28.07 1.54 0.00	25.37 1.52 0.00	21.63 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.91 1.00 0.00	20.31 0.98 0.00
DARBY___SOLAR 323810	18.39 0.38 0.00	17.07 0.43 0.00	17.18 0.40 0.00	16.31 0.32 0.00	17.19 0.35 0.00	17.85 0.39 0.00	20.87 0.48 0.00	25.11 0.70 0.00	22.12 0.55 0.00	20.17 0.44 0.00	20.00 0.47 0.00	20.95 0.38 0.00	19.98 0.36 0.00	20.61 0.45 0.00	20.05 0.38 0.00	19.94 0.41 0.00	20.30 0.59 0.00	27.60 1.08 0.00	24.82 0.97 0.00	21.23 0.81 0.00	23.53 0.72 0.00	23.73 0.66 0.00	21.53 0.61 0.00	19.95 0.62 0.00
DASHVILLE___HYD 23610	18.22 0.21 0.00	16.88 0.24 0.00	17.02 0.23 0.00	16.13 0.14 0.00	17.00 0.17 0.00	17.70 0.23 0.00	20.72 0.34 0.00	25.17 0.75 0.00	22.36 0.79 0.00	20.42 0.68 0.00	20.15 0.62 0.00	21.07 0.50 0.00	20.16 0.54 0.00	20.74 0.58 0.00	20.28 0.61 0.00	20.24 0.71 0.00	20.47 0.76 0.00	27.83 1.30 0.00	25.15 1.31 0.00	21.46 1.04 0.00	23.75 0.94 0.00	24.03 0.96 0.00	21.72 0.80 0.00	20.13 0.79 0.00
DEERFIELD_69_KV_DEERFIELD LD 355887	19.03 1.02 0.00	17.58 0.94 0.00	17.70 0.92 0.00	16.77 0.78 0.00	17.69 0.85 0.00	18.41 0.95 0.00	21.27 0.89 0.00	25.52 1.11 0.00	22.66 1.09 0.00	20.89 1.16 0.00	20.65 1.13 0.00	21.39 0.81 0.00	20.45 0.83 0.00	21.07 0.91 0.00	20.52 0.85 0.00	20.39 0.87 0.00	20.57 0.86 0.00	28.34 1.82 0.00	25.64 1.79 0.00	21.74 1.32 0.00	24.21 1.39 0.00	24.32 1.25 0.00	22.04 1.12 0.00	20.53 1.20 0.00
DELAWARE___LFGE 323621	18.27 0.26 0.00	16.92 0.28 0.00	17.06 0.28 0.00	16.20 0.21 0.00	17.07 0.24 0.00	17.71 0.25 0.00	20.74 0.35 0.00	24.88 0.47 0.00	21.99 0.41 0.00	20.09 0.36 0.00	19.90 0.37 0.00	20.91 0.34 0.00	19.97 0.35 0.00	20.51 0.35 0.00	20.04 0.37 0.00	19.90 0.38 0.00	20.09 0.38 0.00	27.17 0.64 0.00	24.49 0.64 0.00	20.92 0.50 0.00	23.25 0.44 0.00	23.47 0.40 0.00	21.28 0.36 0.00	19.75 0.41 0.00
DERFIELD_115KV_TB7 355931	18.02 0.01 0.00	16.67 0.03 0.00	16.81 0.03 0.00	16.00 0.02 0.00	16.84 0.00 0.00	17.47 0.00 0.00	20.39 0.01 0.00	24.48 0.07 0.00	21.61 0.04 0.00	19.75 0.02 0.00	19.54 0.02 0.00	20.56 -0.01 0.00	19.62 0.00 0.00	20.18 0.02 0.00	19.68 0.00 0.00	19.55 0.02 0.00	19.75 0.04 0.00	26.66 0.13 0.00	23.99 0.14 0.00	20.52 0.10 0.00	22.86 0.05 0.00	23.12 0.06 0.00	20.96 0.04 0.00	19.42 0.08 0.00
DOGLEVILLE___HYD 23807	17.60 -0.41 0.00	16.39 -0.25 0.00	16.52 -0.26 0.00	15.67 -0.32 0.00	16.47 -0.36 0.00	17.11 -0.35 0.00	20.03 -0.36 0.00	24.13 -0.28 0.00	21.29 -0.28 0.00	19.36 -0.37 0.00	19.16 -0.37 0.00	20.04 -0.53 0.00	19.10 -0.52 0.00	19.75 -0.41 0.00	19.23 -0.44 0.00	19.13 -0.40 0.00	19.42 -0.29 0.00	26.44 -0.08 0.00	23.92 0.07 0.00	20.39 -0.04 0.00	22.55 -0.26 0.00	22.80 -0.26 0.00	20.64 -0.27 0.00	19.10 -0.24 0.00
DUNKIRK___115KV_TB_200 55889	16.90 -1.11 0.00	15.66 -0.98 0.00	15.90 -0.88 0.00	14.97 -1.02 0.00	15.61 -1.23 0.00	16.48 -0.98 0.00	19.25 -1.14 0.00	22.80 -1.61 0.00	20.38 -1.19 0.00	18.79 -0.94 0.00	18.55 -0.98 0.00	20.06 -0.51 0.00	18.96 -0.66 0.00	19.34 -0.82 0.00	18.79 -0.89 0.00	18.38 -1.14 0.00	18.39 -1.32 0.00	25.22 -1.30 0.00	22.59 -1.26 0.00	19.10 -1.32 0.00	21.16 -1.65 0.00	21.16 -1.91 0.00	19.17 -1.75 0.00	17.98 -1.36 0.00
DUNKIRK___1 23563	16.90 -1.11 0.00	15.66 -0.98 0.00	15.90 -0.88 0.00	14.97 -1.02 0.00	15.61 -1.23 0.00	16.48 -0.98 0.00	19.25 -1.14 0.00	22.80 -1.61 0.00	20.38 -1.19 0.00	18.79 -0.94 0.00	18.55 -0.98 0.00	20.06 -0.51 0.00	18.96 -0.66 0.00	19.34 -0.82 0.00	18.79 -0.89 0.00	18.38 -1.14 0.00	18.39 -1.32 0.00	25.22 -1.30 0.00	22.59 -1.26 0.00	19.10 -1.32 0.00	21.16 -1.65 0.00	21.16 -1.91 0.00	19.17 -1.75 0.00	17.98 -1.36 0.00
DUNKIRK___2 23564	16.90 -1.11 0.00	15.66 -0.98 0.00	15.90 -0.88 0.00	14.97 -1.02 0.00	15.61 -1.23 0.00	16.48 -0.98 0.00	19.25 -1.14 0.00	22.80 -1.61 0.00	20.38 -1.19 0.00	18.79 -0.94 0.00	18.55 -0.98 0.00	20.06 -0.51 0.00	18.96 -0.66 0.00	19.34 -0.82 0.00	18.79 -0.89 0.00	18.38 -1.14 0.00	18.39 -1.32 0.00	25.22 -1.30 0.00	22.59 -1.26 0.00	19.10 -1.32 0.00	21.16 -1.65 0.00	21.16 -1.91 0.00	19.17 -1.75 0.00	17.98 -1.36 0.00
DUNKIRK___3 23565	16.94 -1.07 0.00	15.71 -0.93 0.00	15.92 -0.86 0.00	15.01 -0.98 0.00	15.67 -1.17 0.00	16.50 -0.97 0.00	19.25 -1.14 0.00	22.77 -1.64 0.00	20.32 -1.25 0.00	18.73 -1.00 0.00	18.48 -1.05 0.00	20.01 -0.56 0.00	18.90 -0.72 0.00	19.29 -0.87 0.00	18.76 -0.91 0.00	18.38 -1.14 0.00	18.40 -1.31 0.00	25.20 -1.33 0.00	22.52 -1.33 0.00	19.11 -1.31 0.00	21.20 -1.62 0.00	21.21 -1.86 0.00	19.22 -1.70 0.00	18.00 -1.34 0.00
DUNKIRK___4 23566	16.94 -1.07 0.00	15.71 -0.93 0.00	15.92 -0.86 0.00	15.01 -0.98 0.00	15.67 -1.17 0.00	16.50 -0.97 0.00	19.25 -1.14 0.00	22.77 -1.64 0.00	20.32 -1.25 0.00	18.73 -1.00 0.00	18.48 -1.05 0.00	20.01 -0.56 0.00	18.90 -0.72 0.00	19.29 -0.87 0.00	18.76 -0.91 0.00	18.38 -1.14 0.00	18.40 -1.31 0.00	25.20 -1.33 0.00	22.52 -1.33 0.00	19.11 -1.31 0.00	21.20 -1.62 0.00	21.21 -1.86 0.00	19.22 -1.70 0.00	18.00 -1.34 0.00
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	18.42 0.41 0.00	17.06 0.42 0.00	17.18 0.40 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.85 0.38 0.00	20.92 0.53 0.00	25.33 0.91 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.26 0.74 0.00	21.19 0.62 0.00	20.31 0.69 0.00	20.92 0.76 0.00	20.44 0.77 0.00	20.38 0.85 0.00	20.59 0.88 0.00	27.97 1.44 0.00	25.28 1.43 0.00	21.55 1.13 0.00	23.86 1.05 0.00	24.15 1.08 0.00	21.82 0.91 0.00	20.24 0.90 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	18.38 0.37 0.00	17.03 0.39 0.00	17.16 0.38 0.00	16.27 0.28 0.00	17.14 0.31 0.00	17.84 0.38 0.00	20.91 0.52 0.00	25.33 0.91 0.00	22.44 0.87 0.00	20.48 0.75 0.00	20.22 0.69 0.00	21.14 0.57 0.00	20.22 0.60 0.00	20.81 0.66 0.00	20.34 0.67 0.00	20.29 0.76 0.00	20.53 0.82 0.00	27.90 1.37 0.00	25.21 1.36 0.00	21.50 1.08 0.00	23.83 1.02 0.00	24.10 1.04 0.00	21.80 0.89 0.00	20.21 0.88 0.00

E179THST_138_KV_TB4_REV_LBMP_J 345001	18.36 0.35 0.00	17.01 0.37 0.00	17.12 0.34 0.00	16.21 0.23 0.00	17.08 0.25 0.00	17.78 0.32 0.00	20.88 0.50 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.49 0.75 0.00	20.24 0.71 0.00	21.17 0.60 0.00	20.29 0.66 0.00	20.91 0.75 0.00	20.44 0.77 0.00	20.37 0.84 0.00	20.57 0.86 0.00	27.95 1.43 0.00	25.26 1.41 0.00	21.54 1.12 0.00	23.83 1.02 0.00	24.13 1.06 0.00	21.77 0.85 0.00	20.19 0.86 0.00
E179THST_13_KV_LOAD 356214	18.43 0.42 0.00	17.08 0.44 0.00	17.18 0.40 0.00	16.27 0.28 0.00	17.14 0.31 0.00	17.85 0.38 0.00	20.97 0.58 0.00	25.40 0.98 0.00	22.53 0.96 0.00	20.58 0.84 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.00 0.84 0.00	20.54 0.86 0.00	20.46 0.93 0.00	20.67 0.95 0.00	28.08 1.56 0.00	25.37 1.52 0.00	21.64 1.22 0.00	23.95 1.13 0.00	24.23 1.16 0.00	21.86 0.95 0.00	20.27 0.94 0.00
EAST HAMPTON___GT 23717	19.19 1.18 0.00	17.73 1.09 0.00	17.85 1.07 0.00	16.91 0.92 0.00	17.84 1.01 0.00	18.54 1.08 0.00	21.45 1.06 0.00	25.72 1.31 0.00	22.82 1.25 0.00	21.07 1.34 0.00	20.85 1.33 0.00	21.55 0.98 0.00	20.58 0.96 0.00	21.18 1.02 0.00	20.51 0.84 0.00	20.32 0.79 0.00	20.52 0.81 0.00	28.31 1.78 0.00	25.62 1.77 0.00	21.74 1.31 0.00	24.19 1.38 0.00	24.28 1.21 0.00	22.10 1.18 0.00	20.64 1.30 0.00
EAST RIVER___6 23660	18.34 0.33 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.21 0.23 0.00	17.08 0.24 0.00	17.78 0.32 0.00	20.86 0.48 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.53 0.79 0.00	20.29 0.76 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.62 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.84 1.03 0.00	24.14 1.07 0.00	21.77 0.86 0.00	20.19 0.85 0.00
EAST RIVER___7 23524	18.34 0.33 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.21 0.23 0.00	17.08 0.24 0.00	17.78 0.32 0.00	20.86 0.48 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.53 0.79 0.00	20.29 0.76 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.62 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.84 1.03 0.00	24.14 1.07 0.00	21.77 0.86 0.00	20.19 0.85 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	18.41 0.39 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.14 0.30 0.00	17.84 0.38 0.00	20.91 0.52 0.00	25.30 0.89 0.00	22.43 0.86 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.16 0.59 0.00	20.28 0.66 0.00	20.89 0.73 0.00	20.42 0.75 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.24 1.40 0.00	21.52 1.10 0.00	23.84 1.03 0.00	24.12 1.06 0.00	21.81 0.89 0.00	20.22 0.89 0.00
EAST_HAMPTON___DIESEL 23722	19.19 1.18 0.00	17.73 1.09 0.00	17.85 1.07 0.00	16.91 0.92 0.00	17.84 1.01 0.00	18.54 1.08 0.00	21.44 1.05 0.00	25.72 1.31 0.00	22.81 1.24 0.00	21.07 1.33 0.00	20.85 1.33 0.00	21.55 0.98 0.00	20.58 0.96 0.00	21.18 1.02 0.00	20.48 0.81 0.00	20.29 0.76 0.00	20.49 0.78 0.00	28.27 1.74 0.00	25.59 1.74 0.00	21.70 1.28 0.00	24.16 1.35 0.00	24.25 1.18 0.00	22.07 1.16 0.00	20.63 1.30 0.00
EAST_PULASKI___ESR 323781	17.72 -0.29 0.00	16.34 -0.29 0.00	16.49 -0.29 0.00	15.70 -0.29 0.00	16.49 -0.34 0.00	17.09 -0.38 0.00	19.97 -0.41 0.00	23.91 -0.50 0.00	21.01 -0.56 0.00	19.20 -0.53 0.00	18.89 -0.64 0.00	19.92 -0.65 0.00	18.99 -0.63 0.00	19.46 -0.70 0.00	18.97 -0.70 0.00	18.80 -0.73 0.00	19.02 -0.69 0.00	25.85 -0.67 0.00	23.28 -0.57 0.00	19.94 -0.48 0.00	22.23 -0.59 0.00	22.40 -0.67 0.00	20.26 -0.66 0.00	18.84 -0.50 0.00
EAST_RIVER___1 323558	18.37 0.36 0.00	17.03 0.39 0.00	17.15 0.36 0.00	16.24 0.25 0.00	17.09 0.26 0.00	17.80 0.34 0.00	20.88 0.49 0.00	25.30 0.89 0.00	22.45 0.88 0.00	20.53 0.79 0.00	20.28 0.76 0.00	21.20 0.63 0.00	20.33 0.71 0.00	20.94 0.79 0.00	20.48 0.81 0.00	20.42 0.89 0.00	20.62 0.90 0.00	28.01 1.48 0.00	25.30 1.45 0.00	21.57 1.14 0.00	23.86 1.05 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.23 0.89 0.00
EAST_RIVER___2 323559	18.34 0.33 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.21 0.23 0.00	17.08 0.24 0.00	17.78 0.32 0.00	20.86 0.48 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.53 0.79 0.00	20.29 0.76 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.62 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.84 1.03 0.00	24.14 1.07 0.00	21.77 0.86 0.00	20.19 0.85 0.00
EAST___DELAWARE_HYD 23607	18.17 0.16 0.00	16.82 0.18 0.00	16.95 0.17 0.00	16.08 0.09 0.00	16.95 0.11 0.00	17.66 0.19 0.00	20.69 0.30 0.00	25.04 0.63 0.00	22.35 0.78 0.00	20.46 0.72 0.00	20.15 0.62 0.00	21.02 0.45 0.00	19.59 -0.03 0.00	20.05 -0.11 0.00	19.63 -0.04 0.00	19.60 0.08 0.00	19.94 0.23 0.00	27.17 0.64 0.00	24.58 0.73 0.00	21.03 0.61 0.00	23.85 1.04 0.00	24.09 1.02 0.00	21.72 0.80 0.00	20.14 0.81 0.00
EIGHT_POINT___WT_PWR 323820	16.91 -1.10 0.00	16.00 -0.64 0.00	15.89 -0.89 0.00	15.13 -0.86 0.00	16.17 -0.66 0.00	16.62 -0.84 0.00	19.80 -0.59 0.00	23.96 -0.46 0.00	21.91 -0.44 -0.79	19.63 -0.36 -0.25	19.22 -0.31 0.00	21.93 -0.21 -1.58	19.58 -0.13 -0.10	20.24 -0.23 -0.31	19.70 -0.20 -0.23	19.40 -0.40 -0.28	19.09 -0.97 -0.35	26.84 -1.36 -1.67	23.89 -0.84 -0.88	20.25 -0.77 -0.59	22.39 -1.32 -0.90	22.10 -1.69 -0.72	19.75 -1.26 -0.09	18.63 -0.78 -0.07
ELBRIDGE_115KV_TB2 80188	17.76 -0.25 0.00	16.44 -0.20 0.00	16.56 -0.22 0.00	15.77 -0.22 0.00	16.54 -0.30 0.00	17.16 -0.30 0.00	20.11 -0.27 0.00	24.04 -0.37 0.00	21.23 -0.34 0.00	19.39 -0.34 0.00	19.15 -0.38 0.00	20.24 -0.33 0.00	19.32 -0.30 0.00	19.79 -0.37 0.00	19.34 -0.33 0.00	19.19 -0.34 0.00	19.39 -0.32 0.00	26.22 -0.31 0.00	23.59 -0.26 0.00	20.21 -0.21 0.00	22.44 -0.37 0.00	22.64 -0.43 0.00	20.54 -0.38 0.00	19.15 -0.19 0.00
ELEC_TRO_TEK 24086	18.63 0.62 0.00	17.24 0.60 0.00	17.34 0.56 0.00	16.43 0.44 0.00	17.31 0.48 0.00	18.04 0.57 0.00	21.07 0.69 0.00	25.42 1.00 0.00	22.56 1.00 0.00	20.71 0.98 0.00	20.47 0.95 0.00	21.34 0.76 0.00	20.46 0.83 0.00	21.12 0.96 0.00	20.64 0.96 0.00	20.56 1.03 0.00	20.73 1.02 0.00	28.21 1.68 0.00	25.52 1.67 0.00	21.72 1.29 0.00	24.10 1.29 0.00	24.33 1.26 0.00	21.99 1.07 0.00	20.41 1.07 0.00
ELLENBURG_WT_PWR 323604	18.71 0.70 0.00	17.16 0.52 0.00	17.29 0.51 0.00	16.49 0.50 0.00	17.37 0.53 0.00	18.01 0.55 0.00	20.96 0.57 0.00	25.03 0.62 0.00	22.08 0.51 0.00	20.08 0.35 0.00	19.89 0.36 0.00	21.03 0.46 0.00	20.01 0.39 0.00	20.53 0.37 0.00	20.00 0.33 0.00	19.77 0.24 0.00	19.85 0.14 0.00	26.15 -0.38 0.00	23.30 -0.55 0.00	20.01 -0.41 0.00	22.41 -0.40 0.00	22.65 -0.42 0.00	20.33 -0.59 0.00	15.15 -0.92 3.27

ELM_ST_23_KV_LD_REV_LBMP_A 345012	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.15 -1.24 0.00	22.51 -1.90 0.00	20.07 -1.50 0.00	18.52 -1.22 0.00	18.23 -1.30 0.00	19.84 -0.73 0.00	18.66 -0.97 0.00	19.07 -1.09 0.00	18.58 -1.09 0.00	18.24 -1.29 0.00	18.29 -1.42 0.00	24.99 -1.54 0.00	22.22 -1.63 0.00	18.99 -1.43 0.00	21.11 -1.71 0.00	21.10 -1.97 0.00	19.10 -1.82 0.00	17.86 -1.48 0.00
EMPIRE_CC_1 323656	18.16 0.15 0.00	16.88 0.24 0.00	17.00 0.22 0.00	16.13 0.14 0.00	16.96 0.12 0.00	17.57 0.10 0.00	20.40 0.01 0.00	24.56 0.14 0.00	21.64 0.07 0.00	19.75 0.01 0.00	19.55 0.03 0.00	20.51 -0.06 0.00	19.59 -0.03 0.00	20.19 0.03 0.00	19.66 -0.01 0.00	19.58 0.05 0.00	19.87 0.16 0.00	26.90 0.37 0.00	24.22 0.37 0.00	20.70 0.28 0.00	22.97 0.16 0.00	23.32 0.25 0.00	21.23 0.31 0.00	19.69 0.35 0.00
EMPIRE_CC_2 323658	18.16 0.15 0.00	16.88 0.24 0.00	17.00 0.22 0.00	16.13 0.14 0.00	16.96 0.12 0.00	17.57 0.10 0.00	20.40 0.01 0.00	24.56 0.14 0.00	21.64 0.07 0.00	19.75 0.01 0.00	19.55 0.03 0.00	20.51 -0.06 0.00	19.59 -0.03 0.00	20.19 0.03 0.00	19.66 -0.01 0.00	19.58 0.05 0.00	19.87 0.16 0.00	26.90 0.37 0.00	24.22 0.37 0.00	20.70 0.28 0.00	22.97 0.16 0.00	23.32 0.25 0.00	21.23 0.31 0.00	19.69 0.35 0.00
ENORWICH_115KV_TB1 80156	18.86 0.85 0.00	17.48 0.84 0.00	17.53 0.75 0.00	16.59 0.60 0.00	17.50 0.67 0.00	18.20 0.74 0.00	21.50 1.11 0.00	25.73 1.31 0.00	22.58 1.01 0.00	20.52 0.79 0.00	20.19 0.66 0.00	21.31 0.74 0.00	20.38 0.76 0.00	20.97 0.81 0.00	20.49 0.82 0.00	20.32 0.80 0.00	20.41 0.70 0.00	27.80 1.27 0.00	25.14 1.29 0.00	21.41 0.99 0.00	23.64 0.83 0.00	23.79 0.72 0.00	21.73 0.81 0.00	20.27 0.94 0.00
ERIE_ST__34_KV_TB1-2 80199	17.39 -0.62 0.00	16.13 -0.51 0.00	16.26 -0.51 0.00	15.36 -0.63 0.00	16.05 -0.78 0.00	16.85 -0.61 0.00	19.64 -0.75 0.00	23.10 -1.31 0.00	20.61 -0.96 0.00	19.01 -0.72 0.00	18.71 -0.82 0.00	20.38 -0.19 0.00	19.19 -0.44 0.00	19.62 -0.54 0.00	19.12 -0.55 0.00	18.82 -0.70 0.00	18.87 -0.84 0.00	25.75 -0.77 0.00	22.91 -0.94 0.00	19.58 -0.84 0.00	21.76 -1.05 0.00	21.76 -1.31 0.00	19.71 -1.21 0.00	18.43 -0.91 0.00
ERIE_WT_PWR 323693	17.10 -0.91 0.00	15.88 -0.76 0.00	16.00 -0.78 0.00	15.10 -0.88 0.00	15.76 -1.08 0.00	16.58 -0.88 0.00	19.31 -1.07 0.00	22.70 -1.71 5.20	15.07 -1.30 1.68	17.01 -1.04 0.00	18.38 -1.15 0.00	10.12 -0.54 9.91	18.24 -0.79 0.60	17.31 -0.90 1.95	17.31 -0.93 1.43	16.67 -1.09 1.77	16.30 -1.23 2.18	14.79 -1.29 10.44	16.97 -1.41 5.47	15.50 -1.24 3.68	15.70 -1.52 5.60	16.75 -1.81 4.51	18.68 -1.66 0.58	17.57 -1.36 0.41
ESPRGFLD_115KV_TB1 80157	18.74 0.73 0.00	17.22 0.58 0.00	17.39 0.61 0.00	16.56 0.57 0.00	17.47 0.63 0.00	18.13 0.66 0.00	21.25 0.87 0.00	25.42 1.01 0.00	22.43 0.86 0.00	20.53 0.80 0.00	20.30 0.78 0.00	21.42 0.85 0.00	20.40 0.78 0.00	20.90 0.74 0.00	20.49 0.82 0.00	20.22 0.70 0.00	20.42 0.71 0.00	27.49 0.96 0.00	24.79 0.94 0.00	21.23 0.81 0.00	23.70 0.89 0.00	23.80 0.73 0.00	21.54 0.63 0.00	19.96 0.62 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.08 0.07 0.00	16.74 0.10 0.00	16.87 0.09 0.00	16.04 0.05 0.00	16.86 0.03 0.00	17.53 0.07 0.00	20.59 0.20 0.00	24.70 0.29 0.00	21.73 0.16 0.00	19.76 0.03 0.00	19.46 -0.07 0.00	20.53 -0.04 0.00	19.62 0.00 0.00	20.12 -0.04 0.00	19.66 -0.01 0.00	19.50 -0.03 0.00	19.70 0.00 0.00	26.80 0.27 0.00	24.21 0.35 0.00	20.69 0.27 0.00	22.96 0.14 0.00	23.13 0.06 0.00	20.97 0.05 0.00	19.51 0.17 0.00
ETNA____115KV_TB2 80207	18.08 0.07 0.00	16.74 0.10 0.00	16.87 0.09 0.00	16.04 0.05 0.00	16.86 0.03 0.00	17.53 0.07 0.00	20.59 0.20 0.00	24.70 0.29 0.00	21.73 0.16 0.00	19.76 0.03 0.00	19.46 -0.07 0.00	20.53 -0.04 0.00	19.62 0.00 0.00	20.12 -0.04 0.00	19.66 -0.01 0.00	19.50 -0.03 0.00	19.70 0.00 0.00	26.80 0.27 0.00	24.21 0.35 0.00	20.69 0.27 0.00	22.96 0.14 0.00	23.13 0.06 0.00	20.97 0.05 0.00	19.51 0.17 0.00
EUCLID__115KV_TB2 356179	17.67 -0.34 0.00	16.35 -0.29 0.00	16.49 -0.30 0.00	15.68 -0.31 0.00	16.45 -0.39 0.00	17.05 -0.42 0.00	19.95 -0.44 0.00	23.87 -0.54 0.00	21.06 -0.51 0.00	19.25 -0.49 0.00	19.04 -0.49 0.00	20.11 -0.46 0.00	19.19 -0.44 0.00	19.69 -0.48 0.00	19.22 -0.45 0.00	19.05 -0.47 0.00	19.23 -0.48 0.00	26.01 -0.52 0.00	23.39 -0.46 0.00	20.02 -0.40 0.00	22.28 -0.53 0.00	22.48 -0.59 0.00	20.39 -0.53 0.00	19.02 -0.31 0.00
E_CANADA_CAP_HY 24051	18.89 0.88 0.00	17.33 0.69 0.00	17.50 0.72 0.00	16.70 0.71 0.00	17.62 0.78 0.00	18.29 0.82 0.00	21.42 1.03 0.00	25.57 1.15 0.00	22.56 0.99 0.00	20.65 0.92 0.00	20.42 0.89 0.00	21.56 0.99 0.00	20.50 0.88 0.00	20.98 0.83 0.00	20.58 0.91 0.00	20.25 0.73 0.00	20.51 0.80 0.00	27.63 1.10 0.00	24.90 1.05 0.00	21.36 0.93 0.00	23.88 1.07 0.00	23.98 0.91 0.00	21.69 0.77 0.00	20.04 0.70 0.00
E_CANADA_MHWK_HY 24050	17.60 -0.41 0.00	16.39 -0.25 0.00	16.52 -0.26 0.00	15.67 -0.32 0.00	16.47 -0.36 0.00	17.11 -0.35 0.00	20.03 -0.36 0.00	24.13 -0.28 0.00	21.29 -0.28 0.00	19.36 -0.37 0.00	19.16 -0.37 0.00	20.04 -0.53 0.00	19.10 -0.52 0.00	19.75 -0.41 0.00	19.23 -0.44 0.00	19.13 -0.40 0.00	19.42 -0.29 0.00	26.44 -0.08 0.00	23.92 0.07 0.00	20.39 -0.04 0.00	22.55 -0.26 0.00	22.80 -0.26 0.00	20.64 -0.27 0.00	19.10 -0.24 0.00
E_FISHKILL__LBMP 23776	18.32 0.32 0.00	16.99 0.34 0.00	17.11 0.33 0.00	16.22 0.24 0.00	17.09 0.25 0.00	17.77 0.31 0.00	20.80 0.41 0.00	25.15 0.73 0.00	22.27 0.70 0.00	20.33 0.60 0.00	20.09 0.56 0.00	21.02 0.45 0.00	20.13 0.51 0.00	20.73 0.57 0.00	20.25 0.58 0.00	20.17 0.65 0.00	20.40 0.69 0.00	27.72 1.19 0.00	25.03 1.19 0.00	21.35 0.92 0.00	23.65 0.84 0.00	23.93 0.86 0.00	21.66 0.74 0.00	20.09 0.75 0.00
FALCON__SEABRD_CC1 323796	18.95 0.94 0.00	17.39 0.75 0.00	17.52 0.74 0.00	16.67 0.68 0.00	17.52 0.68 0.00	18.13 0.66 0.00	21.10 0.71 0.00	25.25 0.84 0.00	22.23 0.66 0.00	20.20 0.46 0.00	20.03 0.50 0.00	21.17 0.60 0.00	20.13 0.51 0.00	20.65 0.49 0.00	20.12 0.44 0.00	19.90 0.37 0.00	19.97 0.26 0.00	26.17 -0.35 0.00	23.34 -0.51 0.00	20.12 -0.31 0.00	22.54 -0.28 0.00	22.77 -0.30 0.00	20.44 -0.48 0.00	15.25 -0.79 3.30
FALCON__SEABRD_CC2 323797	18.95 0.94 0.00	17.39 0.75 0.00	17.52 0.74 0.00	16.67 0.68 0.00	17.52 0.68 0.00	18.13 0.66 0.00	21.10 0.71 0.00	25.25 0.84 0.00	22.23 0.66 0.00	20.20 0.46 0.00	20.03 0.50 0.00	21.17 0.60 0.00	20.13 0.51 0.00	20.65 0.49 0.00	20.12 0.44 0.00	19.90 0.37 0.00	19.97 0.26 0.00	26.17 -0.35 0.00	23.34 -0.51 0.00	20.12 -0.31 0.00	22.54 -0.28 0.00	22.77 -0.30 0.00	20.44 -0.48 0.00	15.25 -0.79 3.30

FAR ROCKAWAY___4 23548	18.82 0.81 0.00	17.40 0.76 0.00	17.50 0.72 0.00	16.58 0.59 0.00	17.48 0.64 0.00	18.22 0.75 0.00	21.28 0.89 0.00	25.67 1.26 0.00	22.80 1.23 0.00	20.91 1.17 0.00	20.66 1.13 0.00	21.54 0.97 0.00	20.67 1.05 0.00	21.37 1.21 0.00	20.87 1.20 0.00	20.79 1.27 0.00	20.96 1.25 0.00	28.54 2.02 0.00	25.83 1.98 0.00	21.99 1.57 0.00	24.41 1.59 0.00	24.63 1.56 0.00	22.24 1.32 0.00	20.63 1.30 0.00
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.37 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.32 0.91 0.00	22.47 0.90 0.00	20.54 0.81 0.00	20.30 0.77 0.00	21.22 0.65 0.00	20.35 0.73 0.00	20.96 0.80 0.00	20.50 0.82 0.00	20.44 0.91 0.00	20.64 0.93 0.00	28.02 1.50 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.89 1.07 0.00	24.18 1.11 0.00	21.83 0.91 0.00	20.25 0.91 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	18.40 0.38 0.00	17.05 0.41 0.00	17.17 0.39 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.91 0.52 0.00	25.34 0.92 0.00	22.48 0.91 0.00	20.55 0.82 0.00	20.31 0.78 0.00	21.23 0.66 0.00	20.35 0.73 0.00	20.97 0.81 0.00	20.50 0.83 0.00	20.45 0.92 0.00	20.64 0.93 0.00	28.05 1.52 0.00	25.34 1.49 0.00	21.60 1.18 0.00	23.90 1.09 0.00	24.20 1.13 0.00	21.84 0.92 0.00	20.25 0.91 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.37 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.34 0.00	20.89 0.50 0.00	25.32 0.90 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.29 0.76 0.00	21.21 0.64 0.00	20.34 0.72 0.00	20.95 0.79 0.00	20.48 0.81 0.00	20.43 0.90 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.31 1.46 0.00	21.57 1.15 0.00	23.87 1.06 0.00	24.17 1.10 0.00	21.82 0.90 0.00	20.23 0.89 0.00
FARRAGUT___LBMP 323566	18.37 0.36 0.00	17.02 0.39 0.00	17.15 0.36 0.00	16.24 0.25 0.00	17.09 0.26 0.00	17.80 0.34 0.00	20.87 0.49 0.00	25.29 0.88 0.00	22.45 0.88 0.00	20.52 0.78 0.00	20.27 0.74 0.00	21.19 0.62 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.46 0.79 0.00	20.41 0.89 0.00	20.61 0.90 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.86 1.05 0.00	24.15 1.09 0.00	21.80 0.89 0.00	20.22 0.89 0.00
FENNER___WINDPWR 24204	18.20 0.19 0.00	16.78 0.14 0.00	16.93 0.15 0.00	16.10 0.11 0.00	16.92 0.08 0.00	17.58 0.12 0.00	20.58 0.19 0.00	24.67 0.26 0.00	21.70 0.13 0.00	19.81 0.08 0.00	19.57 0.04 0.00	20.62 0.05 0.00	19.70 0.08 0.00	20.24 0.08 0.00	19.72 0.05 0.00	19.56 0.04 0.00	19.78 0.07 0.00	26.85 0.32 0.00	24.18 0.33 0.00	20.65 0.23 0.00	23.01 0.20 0.00	23.20 0.13 0.00	21.04 0.11 0.00	19.52 0.18 0.00
FIBERTEK___ENERGY 23856	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
FITZPATRICK___ 23598	17.54 -0.47 0.00	16.23 -0.41 0.00	16.36 -0.42 0.00	15.58 -0.41 0.00	16.34 -0.50 0.00	16.91 -0.56 0.00	19.77 -0.62 0.00	23.66 -0.76 0.00	20.85 -0.71 0.00	19.06 -0.67 0.00	18.87 -0.65 0.00	19.92 -0.65 0.00	19.01 -0.61 0.00	19.50 -0.66 0.00	19.04 -0.63 0.00	18.89 -0.64 0.00	19.07 -0.65 0.00	25.74 -0.78 0.00	23.13 -0.71 0.00	19.81 -0.61 0.00	22.06 -0.76 0.00	22.27 -0.80 0.00	20.21 -0.71 0.00	18.86 -0.47 0.00
FLOWRFLD_69_KV_BK1 356044	18.82 0.81 0.00	17.38 0.75 0.00	17.50 0.71 0.00	16.56 0.58 0.00	17.47 0.63 0.00	18.20 0.74 0.00	21.15 0.76 0.00	25.43 1.01 0.00	22.60 1.03 0.00	20.79 1.05 0.00	20.56 1.04 0.00	21.35 0.78 0.00	20.46 0.84 0.00	21.14 0.98 0.00	20.67 1.00 0.00	20.57 1.05 0.00	20.76 1.05 0.00	28.43 1.90 0.00	25.71 1.86 0.00	21.84 1.42 0.00	24.26 1.45 0.00	24.43 1.36 0.00	22.05 1.13 0.00	20.48 1.15 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	18.53 0.51 0.00	17.17 0.53 0.00	17.30 0.52 0.00	16.40 0.41 0.00	17.28 0.45 0.00	17.99 0.52 0.00	21.07 0.69 0.00	25.50 1.09 0.00	22.58 1.02 0.00	20.62 0.89 0.00	20.36 0.83 0.00	21.30 0.73 0.00	20.37 0.75 0.00	20.98 0.82 0.00	20.50 0.83 0.00	20.43 0.90 0.00	20.68 0.97 0.00	28.12 1.60 0.00	25.41 1.56 0.00	21.67 1.25 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.94 1.02 0.00	20.33 1.00 0.00
FORT ORANGE___ 23900	18.42 0.41 0.00	17.11 0.47 0.00	17.23 0.45 0.00	16.36 0.38 0.00	17.22 0.38 0.00	17.87 0.41 0.00	20.85 0.46 0.00	25.12 0.71 0.00	22.16 0.59 0.00	20.21 0.48 0.00	19.99 0.46 0.00	20.98 0.41 0.00	20.01 0.39 0.00	20.59 0.43 0.00	20.07 0.40 0.00	19.99 0.46 0.00	20.29 0.58 0.00	27.53 1.00 0.00	24.79 0.94 0.00	21.14 0.72 0.00	23.48 0.67 0.00	23.76 0.69 0.00	21.56 0.64 0.00	19.98 0.64 0.00
FORT_DRUM_COGEN 23780	18.00 -0.01 0.00	16.44 -0.20 0.00	16.62 -0.17 0.00	15.87 -0.12 0.00	16.75 -0.08 0.00	17.34 -0.12 0.00	20.19 -0.20 0.00	24.19 -0.23 0.00	21.10 -0.47 0.00	19.31 -0.43 0.00	18.75 -0.78 0.00	19.74 -0.83 0.00	18.71 -0.91 0.00	19.12 -1.04 0.00	18.60 -1.07 0.00	18.39 -1.14 0.00	18.65 -1.06 0.00	25.56 -0.97 0.00	23.04 -0.81 0.00	19.78 -0.65 0.00	22.10 -0.71 0.00	22.25 -0.82 0.00	20.01 -0.91 0.00	18.51 -0.97 -0.14
FOX_HILLS___ESR 323835	18.44 0.43 0.00	17.06 0.42 0.00	17.16 0.38 0.00	16.22 0.24 0.00	17.09 0.25 0.00	17.81 0.34 0.00	20.91 0.52 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.51 0.78 0.00	20.09 0.71 0.15	21.17 0.60 0.00	20.29 0.67 0.00	20.93 0.77 0.00	20.51 0.84 0.00	20.45 0.92 0.00	20.66 0.95 0.00	28.07 1.54 0.00	25.39 1.54 0.00	21.66 1.23 0.00	23.96 1.15 0.00	24.22 1.15 0.00	21.86 0.95 0.00	20.28 0.94 0.00
FPL_FAR_ROCK_GT1 24212	18.82 0.81 0.00	17.40 0.76 0.00	17.50 0.72 0.00	16.58 0.59 0.00	17.48 0.64 0.00	18.22 0.75 0.00	21.28 0.89 0.00	25.67 1.25 0.00	22.79 1.23 0.00	20.90 1.17 0.00	20.66 1.13 0.00	21.54 0.97 0.00	20.66 1.04 0.00	21.37 1.21 0.00	20.87 1.20 0.00	20.79 1.26 0.00	20.96 1.25 0.00	28.54 2.02 0.00	25.83 1.98 0.00	22.00 1.58 0.00	24.40 1.59 0.00	24.63 1.56 0.00	22.24 1.32 0.00	20.63 1.30 0.00
FPL_FAR_ROCK_GT2 23815	18.82 0.81 0.00	17.40 0.76 0.00	17.50 0.72 0.00	16.58 0.59 0.00	17.48 0.64 0.00	18.22 0.75 0.00	21.28 0.89 0.00	25.67 1.25 0.00	22.79 1.23 0.00	20.90 1.17 0.00	20.66 1.13 0.00	21.54 0.97 0.00	20.66 1.04 0.00	21.37 1.21 0.00	20.87 1.20 0.00	20.79 1.26 0.00	20.96 1.25 0.00	28.54 2.02 0.00	25.83 1.98 0.00	22.00 1.58 0.00	24.40 1.59 0.00	24.63 1.56 0.00	22.24 1.32 0.00	20.63 1.30 0.00



FRANKLIN_FALL_HYD 24054	18.82 0.81 0.00	17.23 0.59 0.00	17.36 0.58 0.00	16.59 0.60 0.00	17.52 0.69 0.00	18.19 0.72 0.00	21.18 0.79 0.00	25.29 0.88 0.00	22.27 0.70 0.00	20.31 0.58 0.00	20.10 0.58 0.00	21.27 0.70 0.00	20.18 0.56 0.00	20.68 0.52 0.00	20.14 0.47 0.00	19.87 0.35 0.00	19.97 0.26 0.00	26.47 -0.05 0.00	23.64 -0.21 0.00	20.30 -0.12 0.00	22.82 0.01 0.00	23.04 -0.03 0.00	20.77 -0.15 0.00	21.06 -0.53 -2.25
FREEPORT_EQUS_GT1 23764	18.73 0.72 0.00	17.32 0.68 0.00	17.42 0.64 0.00	16.50 0.51 0.00	17.40 0.56 0.00	18.13 0.66 0.00	21.15 0.76 0.00	25.42 1.01 0.00	22.57 1.00 0.00	20.72 0.99 0.00	20.42 0.90 0.00	21.34 0.76 0.00	20.44 0.82 0.00	21.14 0.98 0.00	20.66 0.99 0.00	20.63 1.10 0.00	20.81 1.10 0.00	28.37 1.84 0.00	25.66 1.81 0.00	21.83 1.41 0.00	24.24 1.43 0.00	24.45 1.39 0.00	22.09 1.17 0.00	20.50 1.16 0.00
FREEPORT___CT2 23818	18.73 0.72 0.00	17.32 0.68 0.00	17.42 0.64 0.00	16.50 0.51 0.00	17.40 0.56 0.00	18.13 0.66 0.00	21.15 0.76 0.00	25.42 1.01 0.00	22.57 1.00 0.00	20.72 0.99 0.00	20.42 0.90 0.00	21.34 0.76 0.00	20.44 0.82 0.00	21.14 0.98 0.00	20.66 0.99 0.00	20.63 1.10 0.00	20.81 1.10 0.00	28.37 1.84 0.00	25.66 1.81 0.00	21.83 1.41 0.00	24.24 1.43 0.00	24.45 1.39 0.00	22.09 1.17 0.00	20.50 1.16 0.00
FRESHKLS_33_KV_LOAD 356253	18.43 0.41 0.00	17.04 0.40 0.00	17.14 0.36 0.00	16.19 0.21 0.00	17.06 0.22 0.00	17.78 0.31 0.00	20.87 0.48 0.00	25.26 0.85 0.00	22.39 0.82 0.00	20.45 0.72 0.00	19.90 0.64 0.27	21.08 0.51 0.00	20.21 0.59 0.00	20.86 0.70 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.63 0.92 0.00	28.01 1.49 0.00	25.35 1.50 0.00	21.63 1.21 0.00	23.94 1.13 0.00	24.19 1.12 0.00	21.83 0.92 0.00	20.26 0.92 0.00
FULTON COGEN____ 23766	17.64 -0.37 0.00	16.31 -0.32 0.00	16.46 -0.33 0.00	15.65 -0.34 0.00	16.42 -0.42 0.00	17.01 -0.45 0.00	19.90 -0.48 0.00	23.85 -0.57 0.00	21.02 -0.55 0.00	19.19 -0.54 0.00	18.98 -0.55 0.00	20.03 -0.54 0.00	19.11 -0.51 0.00	19.61 -0.55 0.00	19.15 -0.52 0.00	19.00 -0.53 0.00	19.20 -0.51 0.00	26.01 -0.52 0.00	23.40 -0.45 0.00	20.03 -0.39 0.00	22.28 -0.53 0.00	22.47 -0.60 0.00	20.36 -0.55 0.00	19.00 -0.34 0.00
FULTON___LFGE 323630	19.51 1.50 0.00	17.98 1.34 0.00	18.11 1.33 0.00	17.27 1.28 0.00	18.22 1.38 0.00	19.00 1.53 0.00	22.37 1.98 0.00	26.72 2.30 0.00	23.50 1.93 0.00	21.39 1.65 0.00	20.88 1.35 0.00	21.89 1.32 0.00	20.61 0.99 0.00	21.23 1.07 0.00	20.98 1.31 0.00	20.35 0.82 0.00	21.09 1.38 0.00	28.95 2.42 0.00	26.33 2.48 0.00	22.57 2.15 0.00	25.11 2.30 0.00	25.15 2.08 0.00	22.67 1.75 0.00	20.84 1.51 0.00
G.F.CEMENT___DRP 24184	18.43 0.42 0.00	17.09 0.45 0.00	17.19 0.41 0.00	16.32 0.33 0.00	17.24 0.40 0.00	17.91 0.45 0.00	20.97 0.59 0.00	25.25 0.83 0.00	22.25 0.68 0.00	20.29 0.56 0.00	20.19 0.66 0.00	21.13 0.56 0.00	20.15 0.53 0.00	20.79 0.63 0.00	20.19 0.52 0.00	20.08 0.55 0.00	20.46 0.75 0.00	27.88 1.35 0.00	25.04 1.19 0.00	21.44 1.02 0.00	23.73 0.92 0.00	23.84 0.77 0.00	21.64 0.72 0.00	20.05 0.71 0.00
GARDENVILLE___LBMP 24039	17.02 -0.99 0.00	15.80 -0.84 0.00	15.94 -0.84 0.00	15.04 -0.95 0.00	15.70 -1.14 0.00	16.51 -0.96 0.00	19.22 -1.17 0.00	22.61 -1.81 0.00	20.16 -1.40 0.00	18.61 -1.13 0.00	18.31 -1.22 0.00	19.93 -0.64 0.00	18.75 -0.87 0.00	19.16 -1.00 0.00	18.66 -1.01 0.00	18.32 -1.21 0.00	18.37 -1.33 0.00	25.10 -1.43 0.00	22.33 -1.52 0.00	19.07 -1.36 0.00	21.19 -1.63 0.00	21.17 -1.90 0.00	19.17 -1.75 0.00	17.92 -1.42 0.00
GARDNVLA_35_KV_LD 355827	17.11 -0.90 0.00	15.88 -0.76 0.00	16.01 -0.78 0.00	15.11 -0.88 0.00	15.76 -1.07 0.00	16.58 -0.89 0.00	19.31 -1.08 0.00	22.70 -1.71 0.00	20.25 -1.32 0.00	18.70 -1.04 0.00	18.40 -1.13 0.00	20.03 -0.55 0.00	18.84 -0.78 0.00	19.25 -0.90 0.00	18.77 -0.90 0.00	18.42 -1.11 0.00	18.47 -1.24 0.00	25.23 -1.29 0.00	22.44 -1.41 0.00	19.17 -1.26 0.00	21.29 -1.52 0.00	21.27 -1.80 0.00	19.26 -1.66 0.00	17.99 -1.34 0.00
GELCKHM___115KV_LOAD 80723	17.74 -0.27 0.00	16.41 -0.23 0.00	16.54 -0.24 0.00	15.74 -0.25 0.00	16.51 -0.32 0.00	17.12 -0.35 0.00	20.04 -0.34 0.00	23.98 -0.43 0.00	21.15 -0.42 0.00	19.33 -0.40 0.00	19.11 -0.42 0.00	20.19 -0.38 0.00	19.27 -0.35 0.00	19.77 -0.39 0.00	19.30 -0.37 0.00	19.15 -0.38 0.00	19.33 -0.38 0.00	26.16 -0.37 0.00	23.52 -0.33 0.00	20.13 -0.29 0.00	22.40 -0.42 0.00	22.59 -0.48 0.00	20.49 -0.43 0.00	19.10 -0.23 0.00
GENERAL___MILLS 23808	17.10 -0.92 0.00	15.86 -0.78 0.00	15.99 -0.79 0.00	15.09 -0.90 0.00	15.75 -1.09 0.00	16.56 -0.90 0.00	19.29 -1.10 0.00	22.68 -1.74 0.00	20.22 -1.34 0.00	18.67 -1.06 0.00	18.37 -1.16 0.00	20.00 -0.57 0.00	18.81 -0.81 0.00	19.23 -0.93 0.00	18.73 -0.94 0.00	18.39 -1.14 0.00	18.44 -1.27 0.00	25.20 -1.32 0.00	22.41 -1.45 0.00	19.13 -1.29 0.00	21.26 -1.55 0.00	21.25 -1.83 0.00	19.23 -1.68 0.00	17.98 -1.36 0.00
GE_PLASTICS___DRP 24183	18.29 0.29 0.00	16.98 0.34 0.00	17.12 0.34 0.00	16.25 0.27 0.00	17.10 0.26 0.00	17.74 0.28 0.00	20.69 0.30 0.00	24.90 0.49 0.00	21.99 0.42 0.00	20.07 0.34 0.00	19.85 0.33 0.00	20.84 0.27 0.00	19.90 0.28 0.00	20.48 0.32 0.00	19.96 0.29 0.00	19.88 0.35 0.00	20.13 0.42 0.00	27.28 0.75 0.00	24.56 0.71 0.00	20.96 0.54 0.00	23.30 0.48 0.00	23.58 0.51 0.00	21.39 0.48 0.00	19.83 0.49 0.00
GILBOA___1 23756	18.18 0.17 0.00	16.90 0.26 0.00	17.04 0.26 0.00	16.18 0.19 0.00	17.03 0.20 0.00	17.65 0.19 0.00	20.60 0.21 0.00	24.79 0.38 0.00	21.90 0.33 0.00	20.00 0.27 0.00	19.79 0.26 0.00	20.77 0.20 0.00	19.85 0.23 0.00	20.42 0.26 0.00	19.93 0.26 0.00	19.82 0.29 0.00	20.04 0.33 0.00	27.15 0.62 0.00	24.47 0.62 0.00	20.90 0.48 0.00	23.21 0.40 0.00	23.48 0.41 0.00	21.29 0.37 0.00	19.73 0.40 0.00
GILBOA___2 23757	18.18 0.17 0.00	16.90 0.26 0.00	17.04 0.26 0.00	16.18 0.19 0.00	17.03 0.20 0.00	17.65 0.19 0.00	20.60 0.21 0.00	24.79 0.38 0.00	21.90 0.33 0.00	20.00 0.27 0.00	19.79 0.26 0.00	20.77 0.20 0.00	19.85 0.23 0.00	20.42 0.26 0.00	19.93 0.26 0.00	19.82 0.29 0.00	20.04 0.33 0.00	27.15 0.62 0.00	24.47 0.62 0.00	20.90 0.48 0.00	23.21 0.40 0.00	23.48 0.41 0.00	21.29 0.37 0.00	19.73 0.40 0.00
GILBOA___3 23758	18.18 0.17 0.00	16.90 0.26 0.00	17.04 0.26 0.00	16.18 0.19 0.00	17.03 0.20 0.00	17.65 0.19 0.00	20.60 0.21 0.00	24.79 0.38 0.00	21.90 0.33 0.00	20.00 0.27 0.00	19.79 0.26 0.00	20.77 0.20 0.00	19.85 0.23 0.00	20.42 0.26 0.00	19.93 0.26 0.00	19.82 0.29 0.00	20.04 0.33 0.00	27.15 0.62 0.00	24.47 0.62 0.00	20.90 0.48 0.00	23.21 0.40 0.00	23.48 0.41 0.00	21.29 0.37 0.00	19.73 0.40 0.00

GILBOA___4 23759	18.18 0.17 0.00	16.90 0.26 0.00	17.04 0.26 0.00	16.18 0.19 0.00	17.03 0.20 0.00	17.65 0.19 0.00	20.60 0.21 0.00	24.79 0.38 0.00	21.90 0.33 0.00	20.00 0.27 0.00	19.79 0.26 0.00	20.77 0.20 0.00	19.85 0.23 0.00	20.42 0.26 0.00	19.93 0.26 0.00	19.82 0.29 0.00	20.04 0.33 0.00	27.15 0.62 0.00	24.47 0.62 0.00	20.90 0.48 0.00	23.21 0.40 0.00	23.48 0.41 0.00	21.29 0.37 0.00	19.73 0.40 0.00
GILBOA____ 23599	18.18 0.17 0.00	16.91 0.27 0.00	17.04 0.26 0.00	16.18 0.19 0.00	17.03 0.20 0.00	17.65 0.19 0.00	20.60 0.21 0.00	24.79 0.37 0.00	21.90 0.34 0.00	20.00 0.27 0.00	19.79 0.26 0.00	20.77 0.20 0.00	19.85 0.23 0.00	20.42 0.26 0.00	19.93 0.26 0.00	19.82 0.29 0.00	20.04 0.33 0.00	27.15 0.62 0.00	24.47 0.62 0.00	20.90 0.48 0.00	23.21 0.40 0.00	23.48 0.41 0.00	21.29 0.37 0.00	19.73 0.40 0.00
GINNA____ 23603	16.64 -1.37 0.00	15.42 -1.22 0.00	15.53 -1.25 0.00	14.74 -1.25 0.00	15.44 -1.40 0.00	16.11 -1.35 0.00	18.87 -1.52 0.00	22.41 -2.00 0.00	17.98 -1.79 1.80	17.51 -1.64 0.58	17.83 -1.70 0.00	15.64 -1.53 3.41	17.87 -1.54 0.20	17.84 -1.65 0.67	17.56 -1.61 0.49	17.25 -1.66 0.61	17.29 -1.67 0.75	20.95 -1.96 3.61	20.10 -1.86 1.89	17.57 -1.58 1.27	18.98 -1.89 1.94	19.44 -2.08 1.56	18.80 -1.92 0.20	17.56 -1.64 0.14
GLEN PARK____ 23778	17.99 -0.02 0.00	16.44 -0.20 0.00	16.62 -0.17 0.00	15.87 -0.12 0.00	16.75 -0.09 0.00	17.35 -0.12 0.00	20.22 -0.17 0.00	24.23 -0.18 0.00	21.11 -0.46 0.00	19.30 -0.43 0.00	18.68 -0.85 0.00	19.65 -0.92 0.00	18.63 -0.99 0.00	19.05 -1.11 0.00	18.53 -1.14 0.00	18.31 -1.21 0.00	18.59 -1.12 0.00	25.59 -0.94 0.00	23.11 -0.74 0.00	19.85 -0.57 0.00	22.17 -0.64 0.00	22.30 -0.77 0.00	20.04 -0.87 0.00	18.54 -0.93 -0.13
GLENDALE_27_KV_LOAD 356172	18.46 0.45 0.00	17.10 0.46 0.00	17.21 0.43 0.00	16.30 0.31 0.00	17.16 0.32 0.00	17.87 0.41 0.00	20.98 0.59 0.00	25.43 1.01 0.00	22.58 1.01 0.00	20.64 0.91 0.00	20.39 0.86 0.00	21.32 0.75 0.00	20.44 0.81 0.00	21.06 0.90 0.00	20.59 0.92 0.00	20.52 1.00 0.00	20.73 1.02 0.00	28.17 1.65 0.00	25.46 1.61 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.29 1.22 0.00	21.91 1.00 0.00	20.31 0.97 0.00
GLENWOOD_IC_1_G5 23712	18.78 0.77 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.45 0.61 0.00	18.18 0.71 0.00	21.24 0.85 0.00	25.63 1.21 0.00	22.78 1.21 0.00	21.12 1.39 0.00	20.85 1.32 0.00	21.52 0.95 0.00	20.64 1.02 0.00	21.32 1.16 0.00	20.82 1.15 0.00	20.75 1.22 0.00	20.91 1.20 0.00	28.27 1.74 0.00	25.58 1.73 0.00	21.77 1.35 0.00	24.25 1.44 0.00	24.55 1.48 0.00	22.17 1.25 0.00	20.56 1.22 0.00
GLENWOOD_IC_2_G1 23688	18.74 0.73 0.00	17.33 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.15 0.68 0.00	21.20 0.81 0.00	25.58 1.17 0.00	22.69 1.12 0.00	20.60 0.87 0.00	20.39 0.86 0.00	21.47 0.90 0.00	20.58 0.96 0.00	21.27 1.11 0.00	20.77 1.10 0.00	20.70 1.17 0.00	20.87 1.16 0.00	28.35 1.82 0.00	25.65 1.80 0.00	21.83 1.40 0.00	24.25 1.43 0.00	24.50 1.43 0.00	22.12 1.20 0.00	20.53 1.20 0.00
GLENWOOD_IC_3_G1 23689	18.74 0.73 0.00	17.33 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.15 0.68 0.00	21.20 0.81 0.00	25.58 1.17 0.00	22.69 1.12 0.00	20.60 0.87 0.00	20.39 0.86 0.00	21.47 0.90 0.00	20.58 0.96 0.00	21.27 1.11 0.00	20.77 1.10 0.00	20.70 1.17 0.00	20.87 1.16 0.00	28.35 1.82 0.00	25.65 1.80 0.00	21.83 1.40 0.00	24.25 1.43 0.00	24.50 1.43 0.00	22.12 1.20 0.00	20.53 1.20 0.00
GLENWOOD___4 23550	18.78 0.77 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.45 0.61 0.00	18.18 0.71 0.00	21.24 0.85 0.00	25.63 1.21 0.00	22.78 1.21 0.00	21.12 1.39 0.00	20.85 1.32 0.00	21.52 0.95 0.00	20.64 1.02 0.00	21.32 1.16 0.00	20.82 1.15 0.00	20.75 1.22 0.00	20.91 1.20 0.00	28.33 1.81 0.00	25.64 1.79 0.00	21.82 1.39 0.00	24.27 1.46 0.00	24.55 1.48 0.00	22.17 1.25 0.00	20.56 1.22 0.00
GLENWOOD___5 23614	18.78 0.77 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.45 0.61 0.00	18.18 0.71 0.00	21.24 0.85 0.00	25.63 1.21 0.00	22.78 1.21 0.00	21.12 1.39 0.00	20.85 1.32 0.00	21.52 0.95 0.00	20.64 1.02 0.00	21.32 1.16 0.00	20.82 1.15 0.00	20.75 1.22 0.00	20.91 1.20 0.00	28.33 1.81 0.00	25.64 1.79 0.00	21.82 1.39 0.00	24.27 1.46 0.00	24.55 1.48 0.00	22.17 1.25 0.00	20.56 1.22 0.00
GLOBAL GREEN_PORT_GT1 23814	19.18 1.17 0.00	17.71 1.07 0.00	17.84 1.06 0.00	16.90 0.91 0.00	17.83 0.99 0.00	18.54 1.08 0.00	21.45 1.06 0.00	25.74 1.32 0.00	22.84 1.26 0.00	21.06 1.33 0.00	20.83 1.30 0.00	21.54 0.97 0.00	20.59 0.97 0.00	21.20 1.05 0.00	20.58 0.91 0.00	20.42 0.90 0.00	20.62 0.91 0.00	28.45 1.92 0.00	25.75 1.90 0.00	21.84 1.42 0.00	24.31 1.50 0.00	24.40 1.33 0.00	22.15 1.23 0.00	20.66 1.32 0.00
GLOBE___DSASP 323697	16.60 -1.41 0.00	15.39 -1.25 0.00	15.49 -1.29 0.00	14.63 -1.36 0.00	15.24 -1.59 0.00	16.00 -1.46 0.00	18.59 -1.80 0.00	21.68 -2.74 0.00	19.35 -2.22 0.00	17.81 -1.93 0.00	17.48 -2.05 0.00	19.26 -1.31 0.00	17.94 -1.68 0.00	18.33 -1.83 0.00	17.89 -1.78 0.00	17.51 -2.02 0.00	17.64 -2.07 0.00	24.18 -2.35 0.00	21.47 -2.38 0.00	18.44 -1.98 0.00	20.57 -2.25 0.00	20.50 -2.57 0.00	18.50 -2.42 0.00	17.32 -2.01 0.00
GOETHSLN___LBMP 323567	18.25 0.24 0.00	16.91 0.27 0.00	17.04 0.26 0.00	16.14 0.15 0.00	16.99 0.16 0.00	17.69 0.23 0.00	20.75 0.36 0.00	25.14 0.73 0.00	22.30 0.74 0.00	20.38 0.65 0.00	19.58 0.61 0.56	21.05 0.48 0.00	20.19 0.57 0.00	20.80 0.65 0.00	19.94 0.67 0.40	20.27 0.76 0.02	20.28 0.77 0.20	24.66 1.29 3.15	23.03 1.28 2.10	20.95 1.00 0.48	23.50 0.90 0.21	24.03 0.96 0.00	21.70 0.78 0.00	20.13 0.79 0.00
GOLAH___69_KV_TB 1_2 80279	17.42 -0.59 0.00	16.14 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.71 0.00	16.88 -0.58 0.00	19.72 -0.66 0.00	23.36 -1.05 0.00	20.62 -0.95 0.00	18.88 -0.85 0.00	18.59 -0.94 0.00	19.98 -0.59 0.00	18.89 -0.73 0.00	19.33 -0.82 0.00	18.86 -0.82 0.00	18.61 -0.92 0.00	18.77 -0.94 0.00	25.63 -0.89 0.00	22.90 -0.95 0.00	19.63 -0.79 0.00	21.81 -1.01 0.00	21.86 -1.21 0.00	19.77 -1.15 0.00	18.44 -0.90 0.00
GOODYEAR_LAKE_HYD 323669	18.46 0.45 0.00	17.06 0.42 0.00	17.21 0.43 0.00	16.34 0.35 0.00	17.24 0.40 0.00	17.89 0.42 0.00	20.97 0.58 0.00	25.15 0.73 0.00	22.21 0.64 0.00	20.30 0.56 0.00	20.09 0.57 0.00	21.14 0.57 0.00	20.17 0.55 0.00	20.70 0.54 0.00	20.25 0.58 0.00	20.08 0.55 0.00	20.27 0.56 0.00	27.37 0.84 0.00	24.69 0.84 0.00	21.10 0.68 0.00	23.47 0.66 0.00	23.64 0.57 0.00	21.42 0.50 0.00	19.87 0.53 0.00

GOUDEY___7 235031	17.75 -0.25 0.00	16.46 -0.18 0.00	16.62 -0.16 0.00	15.78 -0.21 0.00	16.60 -0.24 0.00	17.24 -0.22 0.00	20.22 -0.17 0.00	24.39 -0.02 0.00	21.52 -0.05 0.00	19.64 -0.09 0.00	19.48 -0.05 0.00	20.56 -0.02 0.00	19.65 0.03 0.00	20.16 0.00 0.00	19.69 0.02 0.00	19.52 -0.01 0.00	19.65 -0.06 0.00	26.66 0.13 0.00	24.03 0.18 0.00	20.51 0.09 0.00	22.79 -0.03 0.00	22.96 -0.11 0.00	20.83 -0.08 0.00	19.38 0.04 0.00
GOUDEY___8 23579	17.77 -0.24 0.00	16.46 -0.18 0.00	16.63 -0.15 0.00	15.79 -0.20 0.00	16.60 -0.23 0.00	17.26 -0.20 0.00	20.24 -0.15 0.00	24.42 0.00 0.00	21.54 -0.03 0.00	19.66 -0.07 0.00	19.50 -0.03 0.00	20.57 0.00 0.00	19.67 0.05 0.00	20.18 0.02 0.00	19.71 0.04 0.00	19.54 0.01 0.00	19.67 -0.04 0.00	26.68 0.15 0.00	24.06 0.21 0.00	20.53 0.11 0.00	22.80 -0.01 0.00	22.98 -0.09 0.00	20.85 -0.07 0.00	19.39 0.05 0.00
GOUDEY___8 23580	17.75 -0.25 0.00	16.46 -0.18 0.00	16.62 -0.16 0.00	15.78 -0.21 0.00	16.60 -0.24 0.00	17.24 -0.22 0.00	20.22 -0.17 0.00	24.39 -0.02 0.00	21.52 -0.05 0.00	19.64 -0.09 0.00	19.48 -0.05 0.00	20.56 -0.02 0.00	19.65 0.03 0.00	20.16 0.00 0.00	19.69 0.02 0.00	19.52 -0.01 0.00	19.65 -0.06 0.00	26.66 0.13 0.00	24.03 0.18 0.00	20.51 0.09 0.00	22.79 -0.03 0.00	22.96 -0.11 0.00	20.83 -0.08 0.00	19.38 0.04 0.00
GOWANUS_GT1_1 24077	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT1_2 24078	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT1_3 24079	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT1_4 24080	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT1_5 24084	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00																

GOWANUS_GT2_5 24118	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT2_6 24119	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT2_7 24120	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT2_8 24121	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_1 24122	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_2 24123	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_3 24124	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_4 24125	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_5 24126	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_6 24127	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_7 24128	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT3_8 24129	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_1 24130	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_2 24131	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_3 24132	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00

GOWANUS_GT4_4 24133	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_5 24134	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_6 24135	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_7 24136	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GOWANUS_GT4_8 24137	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GREENBSH_115KV_TB3 55895	18.33 0.32 0.00	17.03 0.39 0.00	17.16 0.37 0.00	16.29 0.30 0.00	17.13 0.30 0.00	17.78 0.32 0.00	20.73 0.34 0.00	24.97 0.56 0.00	22.03 0.46 0.00	20.11 0.37 0.00	19.89 0.36 0.00	20.88 0.31 0.00	19.94 0.31 0.00	20.52 0.36 0.00	19.99 0.32 0.00	19.91 0.39 0.00	20.19 0.48 0.00	27.36 0.84 0.00	24.64 0.79 0.00	21.03 0.61 0.00	23.36 0.54 0.00	23.64 0.57 0.00	21.47 0.55 0.00	19.89 0.55 0.00
GREENDGE_115KV_TB5 80291	17.58 -0.43 0.00	16.32 -0.32 0.00	16.45 -0.33 0.00	15.62 -0.37 0.00	16.45 -0.39 0.00	17.13 -0.33 0.00	20.19 -0.19 0.00	24.28 -0.13 0.00	21.31 -0.26 0.00	19.41 -0.33 0.00	19.06 -0.46 0.00	20.17 -0.40 0.00	19.29 -0.33 0.00	19.74 -0.42 0.00	19.29 -0.38 0.00	19.06 -0.47 0.00	19.14 -0.57 0.00	25.99 -0.54 0.00	23.49 -0.36 0.00	20.10 -0.32 0.00	22.25 -0.56 0.00	22.31 -0.76 0.00	20.24 -0.68 0.00	18.86 -0.48 0.00
GREENIDGE___3 23582	17.58 -0.43 0.00	16.32 -0.32 0.00	16.45 -0.33 0.00	15.62 -0.37 0.00	16.45 -0.39 0.00	17.13 -0.33 0.00	20.19 -0.19 0.00	24.28 -0.13 0.00	21.31 -0.26 0.00	19.41 -0.33 0.00	19.06 -0.46 0.00	20.17 -0.40 0.00	19.29 -0.33 0.00	19.74 -0.42 0.00	19.29 -0.38 0.00	19.06 -0.47 0.00	19.14 -0.57 0.00	25.99 -0.54 0.00	23.49 -0.36 0.00	20.10 -0.32 0.00	22.25 -0.56 0.00	22.31 -0.76 0.00	20.24 -0.68 0.00	18.86 -0.48 0.00
GREENIDGE___4 23583	17.58 -0.43 0.00	16.32 -0.32 0.00	16.45 -0.33 0.00	15.62 -0.37 0.00	16.45 -0.39 0.00	17.13 -0.33 0.00	20.19 -0.19 0.00	24.29 -0.13 0.00	22.73 -0.25 -1.42	19.87 -0.33 -0.46	19.07 -0.46 0.00	23.16 -0.39 -2.98	19.48 -0.33 -0.18	20.33 -0.42 -0.59	19.72 -0.38 -0.43	19.60 -0.46 -0.53	19.80 -0.57 -0.66	29.13 -0.55 -3.15	25.14 -0.36 -1.65	21.21 -0.32 -1.11	23.94 -0.57 -1.69	23.66 -0.77 -1.36	20.42 -0.67 -0.17	18.99 -0.48 -0.12
GREENLWN_69_KV_BK 3 55738	18.68 0.67 0.00	17.28 0.64 0.00	17.38 0.60 0.00	16.47 0.48 0.00	17.36 0.53 0.00	18.08 0.62 0.00	21.10 0.71 0.00	25.43 1.02 0.00	22.59 1.02 0.00	20.73 1.00 0.00	20.49 0.97 0.00	21.36 0.79 0.00	20.47 0.85 0.00	21.16 1.00 0.00	20.67 1.00 0.00	20.58 1.06 0.00	20.76 1.05 0.00	28.31 1.78 0.00	25.60 1.75 0.00	21.77 1.35 0.00	24.17 1.36 0.00	24.38 1.31 0.00	22.03 1.11 0.00	20.45 1.11 0.00
GREENWD_138_KV_38B11_REV_LBMP_J 345004	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00
GRISSOM___SOLAR 323813	19.51 1.50 0.00	17.98 1.34 0.00	18.11 1.33 0.00	17.27 1.28 0.00	18.22 1.38 0.00	19.00 1.53 0.00	22.37 1.98 0.00	26.72 2.30 0.00	23.50 1.93 0.00	21.39 1.65 0.00	20.88 1.35 0.00	21.89 1.32 0.00	20.61 0.99 0.00	21.23 1.07 0.00	20.98 1.31 0.00	20.35 0.82 0.00	21.09 1.38 0.00	28.95 2.42 0.00	26.33 2.48 0.00	22.57 2.15 0.00	25.11 2.30 0.00	25.15 2.08 0.00	22.67 1.75 0.00	20.84 1.51 0.00
GROVEVILLE___HYD 323602	18.53 0.51 0.00	17.17 0.53 0.00	17.30 0.52 0.00	16.40 0.41 0.00	17.28 0.45 0.00	17.99 0.52 0.00	21.07 0.69 0.00	25.50 1.09 0.00	22.58 1.02 0.00	20.62 0.89 0.00	20.36 0.83 0.00	21.30 0.73 0.00	20.37 0.75 0.00	20.98 0.82 0.00	20.50 0.83 0.00	20.43 0.90 0.00	20.68 0.97 0.00	28.12 1.60 0.00	25.41 1.56 0.00	21.67 1.25 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.94 1.02 0.00	20.33 1.00 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
HAMLTNNY_34_KV_TB 80303	17.86 -0.15 0.00	16.53 -0.11 0.00	16.65 -0.13 0.00	15.85 -0.14 0.00	16.62 -0.21 0.00	17.27 -0.20 0.00	20.24 -0.14 0.00	24.19 -0.23 0.00	21.34 -0.22 0.00	19.49 -0.24 0.00	19.25 -0.28 0.00	20.35 -0.22 0.00	19.40 -0.22 0.00	19.89 -0.27 0.00	19.44 -0.23 0.00	19.28 -0.24 0.00	19.50 -0.21 0.00	26.40 -0.13 0.00	23.75 -0.10 0.00	20.34 -0.08 0.00	22.58 -0.24 0.00	22.77 -0.30 0.00	20.64 -0.28 0.00	19.23 -0.10 0.00

HAMPSHIRE___PAPER_HYD 323593	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.05 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.33 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.74 0.00	23.14 -0.71 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.51 -0.41 0.00	19.05 -0.63 -0.34
HARDSCRABBLE_WT_PWR 323673	17.65 -0.36 0.00	16.39 -0.25 0.00	16.53 -0.25 0.00	15.70 -0.28 0.00	16.50 -0.33 0.00	17.12 -0.35 0.00	19.99 -0.39 0.00	24.05 -0.37 0.00	21.21 -0.36 0.00	19.33 -0.40 0.00	19.18 -0.35 0.00	20.12 -0.45 0.00	19.19 -0.43 0.00	19.81 -0.34 0.00	19.29 -0.38 0.00	19.16 -0.37 0.00	19.39 -0.32 0.00	26.29 -0.24 0.00	23.73 -0.12 0.00	20.23 -0.19 0.00	22.44 -0.38 0.00	22.68 -0.39 0.00	20.54 -0.38 0.00	19.00 -0.33 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	18.43 0.41 0.00	17.06 0.42 0.00	17.19 0.41 0.00	16.30 0.30 0.00	17.18 0.34 0.00	17.89 0.42 0.00	20.97 0.59 0.00	25.45 1.04 0.00	22.56 0.99 0.00	20.60 0.86 0.00	20.32 0.79 0.00	21.25 0.67 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.43 0.90 0.00	20.65 0.94 0.00	28.08 1.55 0.00	25.38 1.53 0.00	21.65 1.22 0.00	23.97 1.16 0.00	24.25 1.18 0.00	21.93 1.01 0.00	20.32 0.98 0.00
HARSNRAD_115KV_TB1 81005	16.85 -1.16 0.00	15.65 -0.99 0.00	15.77 -1.01 0.00	14.89 -1.10 0.00	15.53 -1.31 0.00	16.32 -1.14 0.00	18.95 -1.44 0.00	22.35 -2.06 0.00	19.83 -1.74 0.00	18.27 -1.47 0.00	17.94 -1.59 0.00	19.52 -1.05 0.00	18.32 -1.30 0.00	18.71 -1.44 0.00	18.24 -1.44 0.00	17.92 -1.60 0.00	18.03 -1.68 0.00	24.63 -1.90 0.00	21.86 -1.99 0.00	18.73 -1.69 0.00	20.83 -1.99 0.00	20.82 -2.25 0.00	18.83 -2.09 0.00	17.62 -1.72 0.00
HARZA MOOSE___RIVER 24016	18.25 0.24 0.00	16.73 0.09 0.00	16.90 0.12 0.00	16.12 0.13 0.00	17.00 0.16 0.00	17.60 0.13 0.00	20.53 0.14 0.00	24.66 0.24 0.00	21.63 0.06 0.00	19.76 0.03 0.00	19.43 -0.10 0.00	20.48 -0.10 0.00	19.46 -0.16 0.00	19.96 -0.20 0.00	19.41 -0.26 0.00	19.23 -0.30 0.00	19.48 -0.23 0.00	26.43 -0.10 0.00	23.76 -0.09 0.00	20.33 -0.09 0.00	22.68 -0.14 0.00	22.90 -0.17 0.00	20.69 -0.23 0.00	19.15 -0.28 -0.10
HDSNBRDG_115KV_BRDG_TB1 355580	17.73 -0.28 0.00	16.41 -0.23 0.00	16.54 -0.23 0.00	15.73 -0.26 0.00	16.50 -0.34 0.00	17.11 -0.35 0.00	20.04 -0.35 0.00	23.99 -0.43 0.00	21.15 -0.42 0.00	19.33 -0.40 0.00	19.12 -0.40 0.00	20.20 -0.37 0.00	19.28 -0.35 0.00	19.78 -0.38 0.00	19.31 -0.37 0.00	19.14 -0.38 0.00	19.31 -0.40 0.00	26.12 -0.41 0.00	23.49 -0.36 0.00	20.10 -0.33 0.00	22.38 -0.43 0.00	22.58 -0.49 0.00	20.48 -0.44 0.00	19.10 -0.23 0.00
HELLGATE_13_KV_LD 55870	18.38 0.37 0.00	17.04 0.40 0.00	17.15 0.37 0.00	16.24 0.25 0.00	17.10 0.27 0.00	17.80 0.34 0.00	20.89 0.51 0.00	25.32 0.90 0.00	22.47 0.90 0.00	20.53 0.80 0.00	20.29 0.76 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.82 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.50 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.88 1.07 0.00	24.16 1.09 0.00	21.81 0.89 0.00	20.22 0.88 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	18.38 0.37 0.00	17.04 0.40 0.00	17.15 0.37 0.00	16.24 0.25 0.00	17.10 0.27 0.00	17.80 0.34 0.00	20.89 0.51 0.00	25.32 0.90 0.00	22.47 0.90 0.00	20.53 0.80 0.00	20.29 0.76 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.49 0.82 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.50 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.88 1.07 0.00	24.16 1.09 0.00	21.81 0.89 0.00	20.22 0.88 0.00
HEMPSTEAD____ 23647	18.68 0.67 0.00	17.27 0.63 0.00	17.38 0.60 0.00	16.46 0.48 0.00	17.36 0.52 0.00	18.09 0.62 0.00	21.11 0.72 0.00	25.45 1.03 0.00	22.61 1.04 0.00	20.83 1.09 0.00	20.56 1.04 0.00	21.36 0.79 0.00	20.48 0.86 0.00	21.17 1.01 0.00	20.68 1.01 0.00	20.60 1.08 0.00	20.77 1.07 0.00	28.25 1.73 0.00	25.56 1.71 0.00	21.74 1.32 0.00	24.16 1.34 0.00	24.38 1.31 0.00	22.02 1.10 0.00	20.42 1.08 0.00
HEWLETT__69_KV_BK3 55828	18.75 0.74 0.00	17.33 0.69 0.00	17.43 0.65 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.14 0.68 0.00	21.20 0.81 0.00	25.56 1.15 0.00	22.69 1.12 0.00	20.82 1.09 0.00	20.57 1.05 0.00	21.46 0.89 0.00	20.59 0.96 0.00	21.28 1.12 0.00	20.78 1.11 0.00	20.70 1.17 0.00	20.87 1.16 0.00	28.41 1.88 0.00	25.70 1.85 0.00	21.89 1.47 0.00	24.29 1.47 0.00	24.51 1.44 0.00	22.14 1.22 0.00	20.55 1.22 0.00
HICKLING___1 23621	17.44 -0.57 0.00	16.19 -0.44 0.00	16.37 -0.41 0.00	15.52 -0.47 0.00	16.36 -0.48 0.00	17.05 -0.41 0.00	20.09 -0.29 0.00	24.27 -0.15 0.00	21.38 -0.19 0.00	19.52 -0.21 0.00	19.22 -0.31 0.00	20.32 -0.25 0.00	19.47 -0.15 0.00	19.92 -0.24 0.00	19.48 -0.20 0.00	19.22 -0.31 0.00	19.20 -0.51 0.00	26.06 -0.46 0.00	23.60 -0.26 0.00	20.09 -0.32 0.00	22.25 -0.56 0.00	22.31 -0.76 0.00	20.26 -0.66 0.00	18.86 -0.47 0.00
HICKLING___2 23622	17.44 -0.57 0.00	16.19 -0.44 0.00	16.37 -0.41 0.00	15.52 -0.47 0.00	16.36 -0.48 0.00	17.05 -0.41 0.00	20.09 -0.29 0.00	24.27 -0.15 0.00	21.38 -0.19 0.00	19.52 -0.21 0.00	19.22 -0.31 0.00	20.32 -0.25 0.00	19.47 -0.15 0.00	19.92 -0.24 0.00	19.48 -0.20 0.00	19.22 -0.31 0.00	19.20 -0.51 0.00	26.06 -0.46 0.00	23.60 -0.26 0.00	20.09 -0.32 0.00	22.25 -0.56 0.00	22.31 -0.76 0.00	20.26 -0.66 0.00	18.86 -0.47 0.00
HIGH FALLS___HY 23754	18.41 0.40 0.00	17.03 0.39 0.00	17.18 0.40 0.00	16.29 0.30 0.00	17.17 0.33 0.00	17.90 0.43 0.00	21.02 0.63 0.00	25.46 1.05 0.00	22.62 1.05 0.00	20.63 0.90 0.00	20.35 0.82 0.00	21.22 0.65 0.00	20.11 0.49 0.00	20.66 0.50 0.00	20.22 0.55 0.00	20.21 0.68 0.00	20.53 0.82 0.00	27.90 1.37 0.00	25.24 1.39 0.00	21.56 1.14 0.00	24.01 1.20 0.00	24.28 1.21 0.00	21.93 1.01 0.00	20.30 0.96 0.00
HILLBURN___GT 23639	18.41 0.39 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.15 0.32 0.00	17.86 0.40 0.00	20.95 0.56 0.00	25.36 0.94 0.00	22.47 0.90 0.00	20.51 0.77 0.00	20.21 0.69 0.00	21.15 0.58 0.00	20.27 0.65 0.00	20.89 0.73 0.00	20.41 0.74 0.00	20.34 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.25 1.40 0.00	21.54 1.12 0.00	23.86 1.05 0.00	24.15 1.08 0.00	21.84 0.92 0.00	20.26 0.92 0.00
HILLSIDE_115KV_TB1 80332	17.31 -0.70 0.00	16.06 -0.58 0.00	16.25 -0.53 0.00	15.41 -0.58 0.00	16.22 -0.61 0.00	16.89 -0.57 0.00	19.86 -0.53 0.00	23.94 -0.48 0.00	21.11 -0.45 0.00	19.30 -0.44 0.00	19.00 -0.53 0.00	20.07 -0.50 0.00	19.24 -0.39 0.00	19.67 -0.49 0.00	19.24 -0.43 0.00	19.00 -0.53 0.00	19.01 -0.70 0.00	25.83 -0.70 0.00	23.36 -0.49 0.00	19.89 -0.53 0.00	22.06 -0.75 0.00	22.18 -0.89 0.00	20.13 -0.78 0.00	18.73 -0.60 0.00

HISHELDN_WT_PWR 323625	16.78 -1.23 0.00	15.58 -1.06 0.00	15.70 -1.08 0.00	14.82 -1.17 0.00	15.47 -1.37 0.00	16.29 -1.17 0.00	18.96 -1.42 0.00	22.31 -2.10 0.00	15.01 -1.56 4.99	16.85 -1.27 1.61	18.18 -1.35 0.00	10.31 -0.75 9.51	18.06 -0.99 0.57	17.16 -1.14 1.86	17.12 -1.19 1.36	16.50 -1.34 1.69	16.15 -1.49 2.07	14.98 -1.62 9.93	16.93 -1.72 5.20	15.33 -1.59 3.50	15.55 -1.93 5.33	16.51 -2.26 4.29	18.28 -2.08 0.55	17.18 -1.77 0.39
HOLTSVILLE_IC_1 23690	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
HOLTSVILLE_IC_10 23699	18.82 0.81 0.00	17.39 0.75 0.00	17.51 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.11 0.73 0.00	25.36 0.95 0.00	22.54 0.97 0.00	20.74 1.01 0.00	20.51 0.98 0.00	21.29 0.72 0.00	20.39 0.77 0.00	21.07 0.91 0.00	20.61 0.93 0.00	20.51 0.98 0.00	20.68 0.97 0.00	28.37 1.84 0.00	25.65 1.80 0.00	21.78 1.36 0.00	24.21 1.40 0.00	24.36 1.29 0.00	22.00 1.09 0.00	20.46 1.12 0.00
HOLTSVILLE_IC_2 23691	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
HOLTSVILLE_IC_3 23692	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
HOLTSVILLE_IC_4 23693	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
HOLTSVILLE_IC_5 23694	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
HOLTSVILLE_IC_6 23695	18.82 0.81 0.00	17.39 0.75 0.00	17.51 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.11 0.73 0.00	25.36 0.95 0.00	22.54 0.97 0.00	20.74 1.01 0.00	20.51 0.98 0.00	21.29 0.72 0.00	20.39 0.77 0.00	21.07 0.91 0.00	20.61 0.93 0.00	20.51 0.98 0.00	20.68 0.97 0.00	28.37 1.84 0.00	25.65 1.80 0.00	21.78 1.36 0.00	24.21 1.40 0.00	24.36 1.29 0.00	22.00 1.09 0.00	20.46 1.12 0.00
HOLTSVILLE_IC_7 23696	18.82 0.81 0.00	17.39 0.75 0.00	17.51 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.11 0.73 0.00	25.36 0.95 0.00	22.54 0.97 0.00	20.74 1.01 0.00	20.51 0.98 0.00	21.29 0.72 0.00	20.39 0.77 0.00	21.07 0.91 0.00	20.61 0.93 0.00	20.51 0.98 0.00	20.68 0.97 0.00	28.37 1.84 0.00	25.65 1.80 0.00	21.78 1.36 0.00	24.21 1.40 0.00	24.36 1.29 0.00	22.00 1.09 0.00	20.46 1.12 0.00
HOLTSVILLE_IC_8 23697	18.82 0.81 0.00	17.39 0.75 0.00	17.51 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.11 0.73 0.00	25.36 0.95 0.00	22.54 0.97 0.00	20.74 1.01 0.00	20.51 0.98 0.00	21.29 0.72 0.00	20.39 0.77 0.00	21.07 0.91 0.00	20.61 0.93 0.00	20.51 0.98 0.00	20.68 0.97 0.00	28.37 1.84 0.00	25.65 1.80 0.00	21.78 1.36 0.00	24.21 1.40 0.00	24.36 1.29 0.00	22.00 1.09 0.00	20.46 1.12 0.00
HOLTSVILLE_IC_9 23698	18.82 0.81 0.00	17.39 0.75 0.00	17.51 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.11 0.73 0.00	25.36 0.95 0.00	22.54 0.97 0.00	20.74 1.01 0.00	20.51 0.98 0.00	21.29 0.72 0.00	20.39 0.77 0.00	21.07 0.91 0.00	20.61 0.93 0.00	20.51 0.98 0.00	20.68 0.97 0.00	28.37 1.84 0.00	25.65 1.80 0.00	21.78 1.36 0.00	24.21 1.40 0.00	24.36 1.29 0.00	22.00 1.09 0.00	20.46 1.12 0.00
HOMER_HL_115KV_TB2 355744	17.48 -0.53 0.00	16.21 -0.43 0.00	16.42 -0.36 0.00	15.53 -0.46 0.00	16.34 -0.49 0.00	17.07 -0.40 0.00	19.92 -0.47 0.00	23.59 -0.83 0.00	21.04 -0.52 0.00	19.32 -0.42 0.00	19.10 -0.43 0.00	20.83 0.26 0.00	19.76 0.14 0.00	20.21 0.06 0.00	19.61 -0.06 0.00	19.33 -0.20 0.00	19.24 -0.47 0.00	26.13 -0.40 0.00	23.28 -0.57 0.00	19.87 -0.56 0.00	22.04 -0.77 0.00	22.12 -0.95 0.00	20.15 -0.77 0.00	18.94 -0.39 0.00
HOWARD_WT_PWR 323690	16.93 -1.08 0.00	15.99 -0.65 0.00	15.89 -0.89 0.00	15.13 -0.85 0.00	16.16 -0.68 0.00	16.64 -0.83 0.00	19.80 -0.58 0.00	23.95 -0.47 0.00	22.11 -0.44 -0.98	19.69 -0.36 -0.32	19.22 -0.31 0.00	22.36 -0.20 -1.99	19.62 -0.13 -0.12	20.34 -0.22 -0.39	19.76 -0.20 -0.29	19.48 -0.40 -0.36	19.18 -0.97 -0.44	27.27 -1.37 -2.11	24.10 -0.85 -1.11	20.39 -0.78 -0.74	22.62 -1.32 -1.13	22.28 -1.70 -0.91	19.76 -1.28 -0.12	18.63 -0.79 -0.08
HQ_GEN_CEDARS 23644	18.31 0.30 0.00	16.79 0.15 0.00	16.92 0.13 0.00	16.20 0.21 0.00	17.24 0.40 0.00	17.88 0.42 0.00	20.72 0.33 0.00	24.69 0.27 0.00	21.77 0.21 0.00	19.99 0.26 0.00	19.78 0.25 0.00	20.91 0.33 0.00	19.86 0.24 0.00	20.39 0.22 0.00	19.88 0.21 0.00	19.65 0.13 0.00	19.79 0.08 0.00	26.40 -0.12 0.00	23.64 -0.21 0.00	20.30 -0.13 0.00	22.92 0.10 0.00	23.20 0.13 0.00	21.16 0.24 0.00	19.37 -0.12 -0.14
HQ_GEN_CEDARS_PROXY 323590	18.32 0.30 0.00	16.79 0.15 0.00	16.91 0.13 0.00	16.20 0.21 0.00	17.24 0.40 0.00	17.88 0.42 0.00	21.84 0.33 -1.12	24.69 0.28 0.00	21.77 0.20 0.00	19.99 0.26 0.00	19.78 0.25 0.00	20.91 0.33 0.00	19.86 0.24 0.00	20.39 0.22 0.00	19.88 0.21 0.00	19.65 0.13 0.00	19.79 0.08 0.00	26.40 -0.12 0.00	23.64 -0.21 0.00	20.30 -0.12 0.00	22.92 0.10 0.00	23.20 0.13 0.00	21.16 0.24 0.00	20.36 -0.12 -1.14

HQ_GEN_IMPORT 323601	18.11 0.10 0.00	16.66 0.02 0.00	16.80 0.02 0.00	16.08 0.08 0.00	16.97 0.14 0.00	17.61 0.15 0.00	20.52 0.14 0.00	24.49 0.07 0.00	21.65 0.08 0.00	19.85 0.11 0.00	19.64 0.12 0.00	20.73 0.16 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.78 0.11 0.00	19.61 0.08 0.00	19.75 0.04 0.00	26.36 -0.16 0.00	23.65 -0.20 0.00	20.30 -0.12 0.00	22.84 0.02 0.00	23.12 0.05 0.00	20.96 0.05 0.00	19.22 -0.11 0.00
HQ_GEN_WHEEL 23651	18.11 0.10 0.00	16.66 0.02 0.00	16.80 0.02 0.00	16.08 0.08 0.00	16.97 0.14 0.00	17.61 0.15 0.00	20.52 0.14 0.00	24.49 0.07 0.00	21.65 0.08 0.00	19.85 0.11 0.00	19.64 0.12 0.00	20.73 0.16 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.78 0.11 0.00	19.61 0.08 0.00	19.75 0.04 0.00	26.36 -0.16 0.00	23.65 -0.20 0.00	20.30 -0.12 0.00	22.84 0.02 0.00	23.12 0.05 0.00	20.96 0.05 0.00	19.22 -0.11 0.00
HUDSON AVE_GT_3 23810	18.40 0.39 0.00	17.06 0.41 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.12 0.29 0.00	17.83 0.36 0.00	20.92 0.53 0.00	25.34 0.93 0.00	22.49 0.92 0.00	20.56 0.83 0.00	20.32 0.79 0.00	21.24 0.67 0.00	20.36 0.74 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.46 0.93 0.00	20.65 0.94 0.00	28.05 1.52 0.00	25.35 1.50 0.00	21.61 1.18 0.00	23.91 1.09 0.00	24.21 1.14 0.00	21.85 0.93 0.00	20.26 0.92 0.00
HUDSON AVE_GT_4 23540	18.40 0.39 0.00	17.06 0.41 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.12 0.29 0.00	17.83 0.36 0.00	20.92 0.53 0.00	25.34 0.93 0.00	22.49 0.92 0.00	20.56 0.83 0.00	20.32 0.79 0.00	21.24 0.67 0.00	20.36 0.74 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.46 0.93 0.00	20.65 0.94 0.00	28.05 1.52 0.00	25.35 1.50 0.00	21.61 1.18 0.00	23.91 1.09 0.00	24.21 1.14 0.00	21.85 0.93 0.00	20.26 0.92 0.00
HUDSON AVE_GT_5 23657	18.40 0.39 0.00	17.06 0.41 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.12 0.29 0.00	17.83 0.36 0.00	20.92 0.53 0.00	25.34 0.93 0.00	22.49 0.92 0.00	20.56 0.83 0.00	20.32 0.79 0.00	21.24 0.67 0.00	20.36 0.74 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.46 0.93 0.00	20.65 0.94 0.00	28.05 1.52 0.00	25.35 1.50 0.00	21.61 1.18 0.00	23.91 1.09 0.00	24.21 1.14 0.00	21.85 0.93 0.00	20.26 0.92 0.00
HUDSON_AVE_10 24168	18.35 0.34 0.00	17.01 0.37 0.00	17.13 0.35 0.00	16.22 0.23 0.00	17.08 0.24 0.00	17.78 0.31 0.00	20.87 0.48 0.00	25.29 0.87 0.00	22.44 0.87 0.00	20.52 0.78 0.00	20.27 0.74 0.00	21.19 0.62 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.62 0.90 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.57 1.15 0.00	23.86 1.05 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
HUDSON___115KV_TB 4 355613	18.64 0.63 0.00	17.31 0.67 0.00	17.44 0.66 0.00	16.57 0.58 0.00	17.44 0.60 0.00	18.11 0.65 0.00	21.15 0.77 0.00	25.50 1.08 0.00	22.48 0.91 0.00	20.50 0.76 0.00	20.26 0.73 0.00	21.25 0.68 0.00	20.25 0.63 0.00	20.79 0.63 0.00	20.26 0.59 0.00	20.22 0.70 0.00	20.56 0.85 0.00	27.95 1.42 0.00	25.14 1.29 0.00	21.37 0.95 0.00	23.79 0.98 0.00	24.06 0.99 0.00	21.81 0.89 0.00	20.18 0.85 0.00
HUNTER MOUNT___DRP 323613	18.78 0.77 0.00	17.44 0.80 0.00	17.57 0.79 0.00	16.70 0.71 0.00	17.57 0.73 0.00	18.25 0.79 0.00	21.32 0.93 0.00	25.68 1.27 0.00	22.63 1.06 0.00	20.62 0.89 0.00	20.39 0.86 0.00	21.38 0.81 0.00	20.36 0.74 0.00	20.87 0.71 0.00	20.35 0.68 0.00	20.33 0.80 0.00	20.70 0.99 0.00	28.17 1.64 0.00	25.29 1.44 0.00	21.42 1.00 0.00	23.92 1.11 0.00	24.18 1.11 0.00	21.92 1.00 0.00	20.27 0.93 0.00
HUNTINGTON_RES_REC 323705	18.76 0.75 0.00	17.33 0.70 0.00	17.45 0.67 0.00	16.52 0.54 0.00	17.42 0.58 0.00	18.15 0.68 0.00	21.13 0.74 0.00	25.44 1.02 0.00	22.59 1.02 0.00	20.75 1.02 0.00	20.53 1.00 0.00	21.34 0.77 0.00	20.45 0.83 0.00	21.15 0.99 0.00	20.66 0.99 0.00	20.56 1.03 0.00	20.75 1.04 0.00	28.38 1.85 0.00	25.67 1.82 0.00	21.82 1.40 0.00	24.24 1.42 0.00	24.41 1.34 0.00	22.04 1.12 0.00	20.48 1.14 0.00
HUNTLEY___63 23557	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.12 -1.26 0.00	22.43 -1.98 0.00	19.94 -1.63 0.00	18.36 -1.37 0.00	18.07 -1.46 0.00	19.79 -0.79 0.00	18.52 -1.10 0.00	18.93 -1.23 0.00	18.46 -1.22 0.00	18.11 -1.42 0.00	18.21 -1.50 0.00	24.92 -1.61 0.00	22.14 -1.71 0.00	18.97 -1.45 0.00	21.11 -1.71 0.00	21.07 -2.00 0.00	19.03 -1.89 0.00	17.79 -1.55 0.00
HUNTLEY___64 23558	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.12 -1.26 0.00	22.43 -1.98 0.00	19.94 -1.63 0.00	18.36 -1.37 0.00	18.07 -1.46 0.00	19.79 -0.79 0.00	18.52 -1.10 0.00	18.93 -1.23 0.00	18.46 -1.22 0.00	18.11 -1.42 0.00	18.21 -1.50 0.00	24.92 -1.61 0.00	22.14 -1.71 0.00	18.97 -1.45 0.00	21.11 -1.71 0.00	21.07 -2.00 0.00	19.03 -1.89 0.00	17.79 -1.55 0.00
HUNTLEY___65 23559	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.12 -1.26 0.00	22.43 -1.98 0.00	19.94 -1.63 0.00	18.36 -1.37 0.00	18.07 -1.46 0.00	19.79 -0.79 0.00	18.52 -1.10 0.00	18.93 -1.23 0.00	18.46 -1.22 0.00	18.11 -1.42 0.00	18.21 -1.50 0.00	24.92 -1.61 0.00	22.14 -1.71 0.00	18.97 -1.45 0.00	21.11 -1.71 0.00	21.07 -2.00 0.00	19.03 -1.89 0.00	17.79 -1.55 0.00
HUNTLEY___66 23560	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.12 -1.26 0.00	22.43 -1.98 0.00	19.94 -1.63 0.00	18.36 -1.37 0.00	18.07 -1.46 0.00	19.79 -0.79 0.00	18.52 -1.10 0.00	18.93 -1.23 0.00	18.46 -1.22 0.00	18.11 -1.42 0.00	18.21 -1.50 0.00	24.92 -1.61 0.00	22.14 -1.71 0.00	18.97 -1.45 0.00	21.11 -1.71 0.00	21.07 -2.00 0.00	19.03 -1.89 0.00	17.79 -1.55 0.00
HUNTLEY___67 23561	16.89 -1.12 0.00	15.68 -0.96 0.00	15.79 -0.99 0.00	14.91 -1.08 0.00	15.55 -1.29 0.00	16.34 -1.12 0.00	19.01 -1.38 0.00	22.32 -2.10 0.00	19.89 -1.68 0.00	18.35 -1.38 0.00	18.06 -1.48 0.00	19.66 -0.91 0.00	18.48 -1.14 0.00	18.88 -1.28 0.00	18.40 -1.27 0.00	18.06 -1.47 0.00	18.12 -1.59 0.00	24.75 -1.78 0.00	21.99 -1.86 0.00	18.82 -1.60 0.00	20.93 -1.88 0.00	20.93 -2.14 0.00	18.95 -1.97 0.00	17.72 -1.62 0.00
HUNTLEY___68 23562	16.89 -1.12 0.00	15.68 -0.96 0.00	15.79 -0.99 0.00	14.91 -1.08 0.00	15.55 -1.29 0.00	16.34 -1.12 0.00	19.01 -1.38 0.00	22.32 -2.10 0.00	19.89 -1.68 0.00	18.35 -1.38 0.00	18.06 -1.48 0.00	19.66 -0.91 0.00	18.48 -1.14 0.00	18.88 -1.28 0.00	18.40 -1.27 0.00	18.06 -1.47 0.00	18.12 -1.59 0.00	24.75 -1.78 0.00	21.99 -1.86 0.00	18.82 -1.60 0.00	20.93 -1.88 0.00	20.93 -2.14 0.00	18.95 -1.97 0.00	17.72 -1.62 0.00



HYLAND___LFGE 323620	17.83 -0.18 0.00	16.57 -0.07 0.00	16.68 -0.10 0.00	15.81 -0.18 0.00	16.68 -0.15 0.00	17.44 -0.03 0.00	20.62 0.23 0.00	24.65 0.24 0.00	22.01 -0.04 -0.48	19.60 -0.29 -0.15	19.00 -0.52 0.00	21.08 -0.37 -0.87	19.30 -0.37 -0.05	19.89 -0.45 -0.17	19.36 -0.44 -0.12	19.11 -0.57 -0.15	19.11 -0.79 -0.19	26.82 -0.62 -0.91	24.26 -0.07 -0.48	20.80 0.06 -0.32	23.13 -0.17 -0.49	23.00 -0.47 -0.39	20.54 -0.42 -0.05	19.12 -0.25 -0.04
INDECK___CORINTH 23802	18.34 0.33 0.00	17.01 0.36 0.00	17.09 0.31 0.00	16.25 0.26 0.00	17.15 0.31 0.00	17.81 0.35 0.00	20.87 0.49 0.00	25.13 0.72 0.00	22.16 0.59 0.00	20.22 0.49 0.00	20.14 0.61 0.00	21.09 0.52 0.00	20.10 0.48 0.00	20.71 0.55 0.00	20.11 0.44 0.00	19.99 0.46 0.00	20.36 0.66 0.00	27.73 1.20 0.00	24.90 1.05 0.00	21.33 0.91 0.00	23.61 0.80 0.00	23.71 0.64 0.00	21.53 0.61 0.00	19.93 0.60 0.00
INDECK___ILION 23567	17.91 -0.10 0.00	16.61 -0.03 0.00	16.74 -0.04 0.00	15.91 -0.08 0.00	16.74 -0.10 0.00	17.37 -0.09 0.00	20.31 -0.08 0.00	24.41 -0.01 0.00	21.54 -0.03 0.00	19.65 -0.09 0.00	19.44 -0.09 0.00	20.40 -0.17 0.00	19.46 -0.16 0.00	20.05 -0.11 0.00	19.55 -0.12 0.00	19.43 -0.10 0.00	19.67 -0.04 0.00	26.64 0.11 0.00	24.03 0.18 0.00	20.53 0.10 0.00	22.81 0.00 0.00	23.06 -0.01 0.00	20.89 -0.03 0.00	19.33 -0.01 0.00
INDECK___OLEAN 23982	17.49 -0.52 0.00	16.21 -0.43 0.00	16.42 -0.36 0.00	15.53 -0.46 0.00	16.34 -0.49 0.00	17.07 -0.40 0.00	19.91 -0.47 0.00	23.59 -0.83 0.00	15.21 -0.50 5.86	17.43 -0.41 1.90	19.09 -0.43 0.00	9.68 0.28 11.17	19.10 0.16 0.67	18.03 0.07 2.19	17.99 -0.07 1.62	17.37 -0.16 2.00	16.81 -0.45 2.46	14.38 -0.38 11.77	17.12 -0.56 6.17	15.75 -0.52 4.15	15.75 -0.75 6.31	17.04 -0.94 5.09	19.52 -0.74 0.66	18.48 -0.39 0.46
INDECK___OSWEGO 23783	17.61 -0.40 0.00	16.28 -0.36 0.00	16.42 -0.36 0.00	15.62 -0.37 0.00	16.39 -0.45 0.00	16.97 -0.49 0.00	19.85 -0.54 0.00	23.76 -0.65 0.00	20.97 -0.60 0.00	19.16 -0.58 0.00	18.94 -0.59 0.00	19.98 -0.59 0.00	19.07 -0.55 0.00	19.56 -0.60 0.00	19.10 -0.58 0.00	18.94 -0.59 0.00	19.14 -0.58 0.00	25.90 -0.62 0.00	23.30 -0.55 0.00	19.95 -0.47 0.00	22.20 -0.61 0.00	22.39 -0.67 0.00	20.31 -0.61 0.00	18.94 -0.40 0.00
INDECK___YERKES 23781	17.00 -1.01 0.00	15.79 -0.86 0.00	15.91 -0.87 0.00	15.02 -0.97 0.00	15.66 -1.17 0.00	16.48 -0.99 0.00	19.14 -1.24 0.00	22.46 -1.96 0.00	15.39 -1.59 4.59	16.88 -1.36 1.49	18.08 -1.44 0.00	11.08 -0.74 8.75	18.03 -1.06 0.53	17.26 -1.18 1.72	17.21 -1.19 1.28	16.58 -1.37 1.58	16.32 -1.44 1.95	15.67 -1.56 9.30	17.32 -1.66 4.87	15.75 -1.39 3.28	16.17 -1.65 4.99	17.09 -1.96 4.02	18.56 -1.84 0.52	17.45 -1.52 0.37
INDIAN POINT_GT_1 24139	18.37 0.36 0.00	17.02 0.38 0.00	17.15 0.36 0.00	16.25 0.26 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.46 0.73 0.00	20.20 0.67 0.00	21.12 0.55 0.00	20.24 0.61 0.00	20.85 0.69 0.00	20.38 0.71 0.00	20.31 0.78 0.00	20.52 0.81 0.00	27.88 1.36 0.00	25.20 1.35 0.00	21.49 1.07 0.00	23.80 0.99 0.00	24.08 1.02 0.00	21.78 0.86 0.00	20.20 0.86 0.00
INDIAN POINT_GT_2 23659	18.37 0.36 0.00	17.02 0.38 0.00	17.15 0.36 0.00	16.25 0.26 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.46 0.73 0.00	20.20 0.67 0.00	21.12 0.55 0.00	20.24 0.61 0.00	20.85 0.69 0.00	20.38 0.71 0.00	20.31 0.78 0.00	20.52 0.81 0.00	27.88 1.36 0.00	25.20 1.35 0.00	21.49 1.07 0.00	23.80 0.99 0.00	24.08 1.02 0.00	21.78 0.86 0.00	20.20 0.86 0.00
INDIAN POINT_GT_3 24019	18.37 0.36 0.00	17.02 0.38 0.00	17.15 0.36 0.00	16.25 0.26 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.46 0.73 0.00	20.20 0.67 0.00	21.12 0.55 0.00	20.24 0.61 0.00	20.85 0.69 0.00	20.38 0.71 0.00	20.31 0.78 0.00	20.52 0.81 0.00	27.88 1.36 0.00	25.20 1.35 0.00	21.49 1.07 0.00	23.80 0.99 0.00	24.08 1.02 0.00	21.78 0.86 0.00	20.20 0.86 0.00
INDIAN POINT___2 23530	18.37 0.35 0.00	17.01 0.37 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.11 0.28 0.00	17.82 0.35 0.00	20.88 0.49 0.00	25.27 0.86 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.19 0.66 0.00	21.10 0.53 0.00	20.22 0.60 0.00	20.84 0.68 0.00	20.37 0.70 0.00	20.29 0.77 0.00	20.50 0.79 0.00	27.86 1.34 0.00	25.18 1.33 0.00	21.48 1.06 0.00	23.79 0.98 0.00	24.08 1.01 0.00	21.77 0.85 0.00	20.20 0.86 0.00
INDIAN POINT___3 23531	18.37 0.36 0.00	17.01 0.37 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.49 0.00	25.27 0.86 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.19 0.66 0.00	21.11 0.53 0.00	20.23 0.61 0.00	20.84 0.68 0.00	20.36 0.69 0.00	20.30 0.77 0.00	20.51 0.80 0.00	27.87 1.34 0.00	25.19 1.34 0.00	21.48 1.06 0.00	23.79 0.98 0.00	24.08 1.01 0.00	21.77 0.85 0.00	20.19 0.85 0.00
INGHAM_C_115KV_TB7 356103	17.60 -0.41 0.00	16.39 -0.25 0.00	16.52 -0.26 0.00	15.67 -0.32 0.00	16.47 -0.36 0.00	17.11 -0.35 0.00	20.03 -0.36 0.00	24.13 -0.28 0.00	21.29 -0.28 0.00	19.36 -0.37 0.00	19.16 -0.37 0.00	20.04 -0.54 0.00	19.10 -0.52 0.00	19.75 -0.41 0.00	19.23 -0.44 0.00	19.14 -0.39 0.00	19.42 -0.29 0.00	26.44 -0.08 0.00	23.92 0.07 0.00	20.39 -0.04 0.00	22.55 -0.26 0.00	22.80 -0.27 0.00	20.64 -0.27 0.00	19.10 -0.24 0.00
IP CORINTH___1 23988	18.34 0.33 0.00	17.01 0.37 0.00	17.09 0.31 0.00	16.25 0.26 0.00	17.15 0.31 0.00	17.81 0.35 0.00	20.87 0.49 0.00	25.14 0.72 0.00	22.16 0.59 0.00	20.22 0.49 0.00	20.14 0.61 0.00	21.09 0.52 0.00	20.10 0.48 0.00	20.71 0.55 0.00	20.11 0.44 0.00	20.00 0.47 0.00	20.37 0.66 0.00	27.72 1.20 0.00	24.90 1.05 0.00	21.32 0.90 0.00	23.61 0.80 0.00	23.71 0.64 0.00	21.53 0.61 0.00	19.93 0.60 0.00
IP___TICONDEROGA 23804	18.77 0.76 0.00	17.43 0.79 0.00	17.49 0.71 0.00	16.56 0.57 0.00	17.62 0.79 0.00	18.36 0.90 0.00	21.49 1.10 0.00	25.86 1.45 0.00	22.82 1.25 0.00	20.79 1.06 0.00	20.80 1.27 0.00	21.68 1.11 0.00	20.67 1.04 0.00	21.41 1.25 0.00	20.79 1.12 0.00	20.73 1.20 0.00	21.16 1.45 0.00	29.06 2.54 0.00	26.02 2.17 0.00	22.29 1.87 0.00	24.53 1.72 0.00	24.47 1.40 0.00	22.24 1.33 0.00	20.68 1.34 0.00
ISLIP_RES_REC 323679	18.89 0.88 0.00	17.45 0.81 0.00	17.57 0.79 0.00	16.65 0.66 0.00	17.56 0.73 0.00	18.30 0.84 0.00	21.22 0.83 0.00	25.50 1.08 0.00	22.66 1.09 0.00	20.85 1.12 0.00	20.61 1.09 0.00	21.39 0.82 0.00	20.49 0.87 0.00	21.17 1.01 0.00	20.71 1.04 0.00	20.62 1.09 0.00	20.80 1.10 0.00	28.56 2.03 0.00	25.82 1.97 0.00	21.91 1.49 0.00	24.36 1.54 0.00	24.49 1.43 0.00	22.11 1.19 0.00	20.56 1.22 0.00

JAMAICA__27_KV_LOAD 355505	18.47 0.46 0.00	17.14 0.50 0.00	17.26 0.48 0.00	16.34 0.36 0.00	17.20 0.36 0.00	17.87 0.41 0.00	21.03 0.64 0.00	25.49 1.07 0.00	22.62 1.05 0.00	20.66 0.93 0.00	20.42 0.89 0.00	21.35 0.78 0.00	20.49 0.87 0.00	21.09 0.93 0.00	20.65 0.98 0.00	20.60 1.07 0.00	20.80 1.09 0.00	28.21 1.68 0.00	25.50 1.65 0.00	21.78 1.36 0.00	24.05 1.24 0.00	24.37 1.30 0.00	21.96 1.04 0.00	20.37 1.03 0.00
JANIS__SOLAR 323808	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.32 0.33 0.00	17.19 0.35 0.00	17.89 0.42 0.00	21.08 0.69 0.00	25.24 0.83 0.00	23.33 0.56 -1.20	20.38 0.25 -0.39	19.61 0.08 0.00	23.11 0.13 -2.41	20.05 0.28 -0.15	20.92 0.29 -0.48	20.28 0.25 -0.35	20.18 0.22 -0.43	20.50 0.26 -0.53	29.85 0.77 -2.55	26.03 0.84 -1.34	21.98 0.66 -0.90	24.71 0.53 -1.37	24.58 0.41 -1.10	21.49 0.43 -0.14	19.98 0.54 -0.10
JARVIS____ 23743	18.02 0.01 0.00	16.67 0.03 0.00	16.81 0.03 0.00	16.00 0.02 0.00	16.84 0.00 0.00	17.47 0.00 0.00	20.39 0.01 0.00	24.48 0.07 0.00	21.61 0.04 0.00	19.75 0.02 0.00	19.54 0.02 0.00	20.56 -0.01 0.00	19.62 0.00 0.00	20.18 0.02 0.00	19.68 0.00 0.00	19.55 0.02 0.00	19.75 0.04 0.00	26.66 0.13 0.00	23.99 0.14 0.00	20.52 0.10 0.00	22.86 0.05 0.00	23.12 0.06 0.00	20.96 0.04 0.00	19.42 0.08 0.00
JENNISON____1 23625	18.37 0.36 0.00	17.04 0.41 0.00	17.05 0.27 0.00	16.21 0.22 0.00	17.18 0.35 0.00	17.71 0.25 0.00	20.86 0.47 0.00	24.98 0.57 0.00	22.02 0.45 0.00	20.10 0.37 0.00	19.94 0.41 0.00	21.02 0.45 0.00	20.11 0.49 0.00	20.63 0.48 0.00	20.17 0.49 0.00	20.01 0.48 0.00	20.02 0.32 0.00	27.13 0.60 0.00	24.45 0.60 0.00	20.81 0.38 0.00	22.94 0.13 0.00	23.15 0.07 0.00	21.23 0.31 0.00	19.89 0.55 0.00
JENNISON____2 23626	18.37 0.36 0.00	17.04 0.41 0.00	17.05 0.27 0.00	16.21 0.22 0.00	17.18 0.35 0.00	17.71 0.25 0.00	20.86 0.47 0.00	24.98 0.57 0.00	22.02 0.45 0.00	20.10 0.37 0.00	19.94 0.41 0.00	21.02 0.45 0.00	20.11 0.49 0.00	20.63 0.48 0.00	20.17 0.49 0.00	20.01 0.48 0.00	20.02 0.32 0.00	27.13 0.60 0.00	24.45 0.60 0.00	20.81 0.38 0.00	22.94 0.13 0.00	23.15 0.07 0.00	21.23 0.31 0.00	19.89 0.55 0.00
JERICOHO_RISE_WT_PWR 323719	18.69 0.68 0.00	17.13 0.49 0.00	17.26 0.48 0.00	16.47 0.48 0.00	17.36 0.53 0.00	18.01 0.55 0.00	20.95 0.56 0.00	25.01 0.60 0.00	22.07 0.50 0.00	20.09 0.36 0.00	19.91 0.38 0.00	21.05 0.48 0.00	20.02 0.40 0.00	20.52 0.36 0.00	20.00 0.33 0.00	19.77 0.24 0.00	19.84 0.13 0.00	26.19 -0.34 0.00	23.32 -0.53 0.00	20.01 -0.41 0.00	22.44 -0.38 0.00	22.67 -0.39 0.00	20.38 -0.54 0.00	14.95 -0.87 3.52
KATONAH__115KV_46KV_TB4 355592	18.46 0.45 0.00	17.10 0.46 0.00	17.23 0.45 0.00	16.33 0.35 0.00	17.21 0.37 0.00	17.91 0.45 0.00	21.00 0.61 0.00	25.41 0.99 0.00	22.51 0.94 0.00	20.56 0.83 0.00	20.31 0.78 0.00	21.25 0.68 0.00	20.35 0.72 0.00	20.95 0.79 0.00	20.46 0.79 0.00	20.40 0.87 0.00	20.62 0.91 0.00	28.03 1.51 0.00	25.34 1.49 0.00	21.60 1.18 0.00	23.92 1.10 0.00	24.19 1.12 0.00	21.86 0.94 0.00	20.27 0.93 0.00
KCE_NY_1 323755	18.44 0.43 0.00	17.11 0.47 0.00	17.24 0.46 0.00	16.37 0.38 0.00	17.24 0.40 0.00	17.92 0.45 0.00	20.96 0.58 0.00	25.22 0.81 0.00	22.21 0.64 0.00	20.27 0.53 0.00	20.06 0.53 0.00	21.05 0.48 0.00	20.08 0.46 0.00	20.68 0.53 0.00	20.14 0.47 0.00	20.02 0.50 0.00	20.36 0.65 0.00	27.68 1.15 0.00	24.88 1.03 0.00	21.26 0.84 0.00	23.61 0.80 0.00	23.84 0.77 0.00	21.58 0.66 0.00	19.99 0.65 0.00
KCE_NY_6_ESR 323823	17.10 -0.91 0.00	15.88 -0.76 0.00	16.00 -0.78 0.00	15.10 -0.88 0.00	15.76 -1.08 0.00	16.58 -0.88 0.00	19.31 -1.07 0.00	22.70 -1.71 0.00	15.07 -1.30 5.20	17.01 -1.04 1.68	18.38 -1.15 0.00	10.12 -0.54 9.91	18.24 -0.79 0.60	17.31 -0.90 1.95	17.31 -0.93 1.43	16.67 -1.09 1.77	16.30 -1.23 2.18	14.79 -1.29 10.44	16.97 -1.41 5.47	15.50 -1.24 3.68	15.70 -1.52 5.60	16.75 -1.81 4.51	18.68 -1.66 0.58	17.57 -1.36 0.41
KEDC_PORT_JEFF_GT2 24210	18.80 0.79 0.00	17.37 0.73 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.18 0.72 0.00	21.08 0.70 0.00	25.33 0.92 0.00	22.51 0.94 0.00	20.71 0.98 0.00	20.48 0.95 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.05 0.89 0.00	20.58 0.91 0.00	20.48 0.95 0.00	20.65 0.94 0.00	28.33 1.80 0.00	25.61 1.76 0.00	21.74 1.32 0.00	24.18 1.37 0.00	24.33 1.26 0.00	21.97 1.06 0.00	20.43 1.09 0.00
KEDC_PORT_JEFF_GT3 24211	18.80 0.79 0.00	17.37 0.73 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.18 0.72 0.00	21.08 0.70 0.00	25.33 0.92 0.00	22.51 0.94 0.00	20.71 0.98 0.00	20.48 0.95 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.05 0.89 0.00	20.58 0.91 0.00	20.48 0.95 0.00	20.65 0.94 0.00	28.33 1.80 0.00	25.61 1.76 0.00	21.74 1.32 0.00	24.18 1.37 0.00	24.33 1.26 0.00	21.97 1.06 0.00	20.43 1.09 0.00
KEDC_GLWD_GT4 24219	18.78 0.77 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.44 0.61 0.00	18.18 0.71 0.00	21.24 0.85 0.00	25.63 1.21 0.00	22.78 1.21 0.00	21.12 1.39 0.00	20.85 1.32 0.00	21.52 0.95 0.00	20.63 1.01 0.00	21.32 1.17 0.00	20.82 1.15 0.00	20.74 1.21 0.00	20.91 1.20 0.00	28.27 1.74 0.00	25.58 1.73 0.00	21.77 1.35 0.00	24.25 1.44 0.00	24.55 1.48 0.00	22.16 1.24 0.00	20.56 1.22 0.00
KEDC_GLWD_GT5 24220	18.78 0.77 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.44 0.61 0.00	18.18 0.71 0.00	21.24 0.85 0.00	25.63 1.21 0.00	22.78 1.21 0.00	21.12 1.39 0.00	20.85 1.32 0.00	21.52 0.95 0.00	20.63 1.01 0.00	21.32 1.17 0.00	20.82 1.15 0.00	20.74 1.21 0.00	20.91 1.20 0.00	28.27 1.74 0.00	25.58 1.73 0.00	21.77 1.35 0.00	24.25 1.44 0.00	24.55 1.48 0.00	22.16 1.24 0.00	20.56 1.22 0.00
KENSICO____ 23655	18.41 0.39 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.14 0.30 0.00	17.84 0.38 0.00	20.91 0.52 0.00	25.30 0.89 0.00	22.43 0.86 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.16 0.59 0.00	20.28 0.66 0.00	20.89 0.73 0.00	20.42 0.75 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.24 1.40 0.00	21.52 1.10 0.00	23.84 1.03 0.00	24.12 1.06 0.00	21.81 0.89 0.00	20.22 0.89 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	18.45 0.44 0.00	17.07 0.43 0.00	17.21 0.43 0.00	16.32 0.33 0.00	17.21 0.37 0.00	17.93 0.46 0.00	21.06 0.67 0.00	25.50 1.09 0.00	22.65 1.08 0.00	20.65 0.92 0.00	20.37 0.84 0.00	21.24 0.67 0.00	20.10 0.48 0.00	20.64 0.49 0.00	20.21 0.53 0.00	20.19 0.67 0.00	20.53 0.82 0.00	27.90 1.37 0.00	25.23 1.38 0.00	21.54 1.12 0.00	24.04 1.23 0.00	24.31 1.24 0.00	21.96 1.04 0.00	20.33 0.99 0.00

KIAC_JFK_GT1 23816	18.41 0.40 0.00	17.09 0.45 0.00	17.22 0.43 0.00	16.30 0.31 0.00	17.15 0.31 0.00	17.82 0.36 0.00	20.95 0.57 0.00	25.40 0.98 0.00	22.55 0.98 0.00	20.60 0.87 0.00	20.36 0.83 0.00	21.29 0.71 0.00	20.43 0.81 0.00	21.02 0.86 0.00	20.59 0.91 0.00	20.53 1.01 0.00	20.72 1.02 0.00	28.11 1.59 0.00	25.41 1.56 0.00	21.70 1.28 0.00	23.97 1.16 0.00	24.29 1.22 0.00	21.89 0.98 0.00	20.30 0.97 0.00
KIAC_JFK_GT2 23817	18.41 0.40 0.00	17.09 0.45 0.00	17.22 0.43 0.00	16.30 0.31 0.00	17.15 0.31 0.00	17.82 0.36 0.00	20.95 0.57 0.00	25.40 0.98 0.00	22.55 0.98 0.00	20.60 0.87 0.00	20.36 0.83 0.00	21.29 0.71 0.00	20.43 0.81 0.00	21.02 0.86 0.00	20.59 0.91 0.00	20.53 1.01 0.00	20.72 1.02 0.00	28.11 1.59 0.00	25.41 1.56 0.00	21.70 1.28 0.00	23.97 1.16 0.00	24.29 1.22 0.00	21.89 0.98 0.00	20.30 0.97 0.00
KIAC_JFK____ 323774	18.41 0.40 0.00	17.09 0.45 0.00	17.22 0.43 0.00	16.30 0.31 0.00	17.15 0.31 0.00	17.82 0.36 0.00	20.95 0.57 0.00	25.40 0.98 0.00	22.54 0.97 0.00	20.60 0.86 0.00	20.36 0.83 0.00	21.28 0.71 0.00	20.42 0.80 0.00	21.02 0.86 0.00	20.59 0.91 0.00	20.52 1.00 0.00	20.72 1.01 0.00	28.11 1.58 0.00	25.41 1.56 0.00	21.70 1.28 0.00	23.97 1.16 0.00	24.29 1.22 0.00	21.88 0.97 0.00	20.30 0.97 0.00
KINTIGH____ 23543	16.90 -1.11 0.00	15.67 -0.97 0.00	15.78 -0.99 0.00	14.93 -1.06 0.00	15.59 -1.25 0.00	16.33 -1.13 0.00	19.02 -1.37 0.00	22.41 -2.01 0.00	19.89 -1.68 0.00	18.29 -1.44 0.00	18.02 -1.51 0.00	19.51 -1.06 0.00	18.41 -1.21 0.00	18.82 -1.34 0.00	18.33 -1.34 0.00	18.04 -1.49 0.00	18.12 -1.59 0.00	24.69 -1.84 0.00	21.98 -1.87 0.00	18.84 -1.59 0.00	20.95 -1.86 0.00	21.01 -2.06 0.00	19.03 -1.89 0.00	17.78 -1.55 0.00
KNTFSRNC_46_KV_46KV_LOAD 80397	18.97 0.97 0.00	17.40 0.76 0.00	17.53 0.75 0.00	16.69 0.70 0.00	17.56 0.73 0.00	18.20 0.74 0.00	21.22 0.83 0.00	25.40 0.98 0.00	22.37 0.79 0.00	20.32 0.59 0.00	20.12 0.59 0.00	21.29 0.72 0.00	20.23 0.61 0.00	20.73 0.57 0.00	20.20 0.53 0.00	19.98 0.45 0.00	20.07 0.36 0.00	26.42 -0.10 0.00	23.58 -0.27 0.00	20.28 -0.14 0.00	22.70 -0.11 0.00	22.92 -0.15 0.00	20.57 -0.35 0.00	15.32 -0.68 3.33
LACHUTE____HYDRO 323717	18.77 0.76 0.00	17.43 0.79 0.00	17.49 0.71 0.00	16.55 0.57 0.00	17.62 0.79 0.00	18.36 0.90 0.00	21.49 1.10 0.00	25.86 1.45 0.00	22.82 1.25 0.00	20.79 1.06 0.00	20.80 1.27 0.00	21.68 1.11 0.00	20.67 1.04 0.00	21.41 1.25 0.00	20.79 1.12 0.00	20.73 1.20 0.00	21.16 1.45 0.00	29.06 2.54 0.00	26.01 2.17 0.00	22.30 1.87 0.00	24.53 1.72 0.00	24.47 1.40 0.00	22.25 1.33 0.00	20.68 1.34 0.00
LAWRNCAV_115KV_TB1 80681	18.36 0.35 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.23 0.00	17.25 0.41 0.00	17.88 0.42 0.00	20.76 0.37 0.00	24.74 0.32 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.75 0.22 0.00	20.87 0.30 0.00	19.78 0.16 0.00	20.31 0.15 0.00	19.79 0.12 0.00	19.48 -0.04 0.00	19.56 -0.15 0.00	26.13 -0.40 0.00	23.40 -0.45 0.00	20.11 -0.31 0.00	22.81 0.00 0.00	23.09 0.02 0.00	21.05 0.13 0.00	19.50 -0.25 -0.42
LEDERLE____ 23769	18.46 0.45 0.00	17.09 0.45 0.00	17.22 0.44 0.00	16.32 0.33 0.00	17.20 0.37 0.00	17.91 0.45 0.00	21.01 0.62 0.00	25.43 1.01 0.00	22.54 0.97 0.00	20.58 0.85 0.00	20.30 0.77 0.00	21.23 0.66 0.00	20.34 0.72 0.00	20.96 0.80 0.00	20.49 0.82 0.00	20.42 0.89 0.00	20.64 0.93 0.00	28.04 1.52 0.00	25.34 1.49 0.00	21.62 1.19 0.00	23.94 1.13 0.00	24.23 1.16 0.00	21.91 0.99 0.00	20.32 0.98 0.00
LIGHTHSE_115KV_TB6 355974	17.73 -0.28 0.00	16.34 -0.30 0.00	16.49 -0.29 0.00	15.70 -0.28 0.00	16.50 -0.34 0.00	17.09 -0.37 0.00	19.97 -0.41 0.00	23.91 -0.50 0.00	20.98 -0.58 0.00	19.18 -0.55 0.00	18.85 -0.68 0.00	19.88 -0.70 0.00	18.93 -0.69 0.00	19.40 -0.76 0.00	18.91 -0.76 0.00	18.73 -0.79 0.00	18.96 -0.75 0.00	25.78 -0.74 0.00	23.21 -0.64 0.00	19.89 -0.53 0.00	22.18 -0.63 0.00	22.35 -0.72 0.00	20.21 -0.71 0.00	18.77 -0.57 0.00
LINDEN COGEN____ 23786	18.23 0.23 0.01	16.90 0.26 0.01	17.02 0.24 0.00	16.13 0.14 0.00	16.98 0.15 0.00	17.68 0.22 0.00	20.74 0.35 0.00	25.13 0.72 0.00	22.29 0.72 0.00	20.37 0.64 0.01	19.57 0.60 0.56	21.04 0.47 0.00	20.18 0.56 0.00	20.79 0.64 0.00	19.93 0.66 0.40	20.24 0.74 0.02	20.27 0.76 0.20	24.65 1.28 3.15	23.02 1.27 2.10	20.94 0.99 0.48	23.49 0.89 0.21	24.01 0.94 0.00	21.69 0.77 0.00	20.12 0.78 0.00
LINDHRST_69_KV_BK1 356055	18.83 0.82 0.00	17.40 0.76 0.00	17.51 0.73 0.00	16.59 0.60 0.00	17.49 0.65 0.00	18.22 0.75 0.00	21.23 0.85 0.00	25.56 1.15 0.00	22.72 1.15 0.00	20.86 1.13 0.00	20.61 1.09 0.00	21.45 0.88 0.00	20.55 0.93 0.00	21.26 1.10 0.00	20.78 1.11 0.00	20.90 1.20 0.00	28.54 2.01 0.00	25.81 1.96 0.00	21.94 1.51 0.00	24.35 1.54 0.00	24.54 1.48 0.00	22.18 1.26 0.00	20.59 1.26 0.00	
LIPA_MISC_IPP 23656	18.76 0.75 0.00	17.34 0.70 0.00	17.45 0.67 0.00	16.53 0.54 0.00	17.44 0.60 0.00	18.15 0.69 0.00	20.99 0.60 0.00	25.18 0.77 0.00	22.38 0.81 0.00	20.61 0.88 0.00	20.37 0.84 0.00	21.14 0.56 0.00	20.25 0.63 0.00	20.90 0.74 0.00	20.44 0.77 0.00	20.34 0.82 0.00	20.50 0.79 0.00	28.17 1.64 0.00	25.45 1.60 0.00	21.60 1.18 0.00	24.04 1.23 0.00	24.18 1.11 0.00	21.86 0.94 0.00	20.33 1.00 0.00
LISF____SOLAR 323691	18.79 0.78 0.00	17.36 0.72 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	21.02 0.63 0.00	25.22 0.80 0.00	22.41 0.84 0.00	20.63 0.90 0.00	20.37 0.84 0.00	21.14 0.57 0.00	20.24 0.62 0.00	20.91 0.75 0.00	20.45 0.77 0.00	20.34 0.82 0.00	20.52 0.81 0.00	28.22 1.69 0.00	25.50 1.66 0.00	21.65 1.22 0.00	24.08 1.27 0.00	24.22 1.16 0.00	21.88 0.97 0.00	20.36 1.02 0.00
LITTLE FALLS____HYD 24013	17.60 -0.41 0.00	16.39 -0.25 0.00	16.52 -0.26 0.00	15.67 -0.32 0.00	16.47 -0.36 0.00	17.11 -0.35 0.00	20.03 -0.36 0.00	24.13 -0.28 0.00	21.29 -0.28 0.00	19.36 -0.37 0.00	19.16 -0.37 0.00	20.04 -0.54 0.00	19.10 -0.52 0.00	19.75 -0.41 0.00	19.23 -0.44 0.00	19.14 -0.39 0.00	19.42 -0.29 0.00	26.44 -0.08 0.00	23.92 0.07 0.00	20.39 -0.04 0.00	22.55 -0.26 0.00	22.80 -0.27 0.00	20.64 -0.27 0.00	19.10 -0.24 0.00
LITTLRIV_115KV_TB1 356100	18.56 0.55 0.00	16.98 0.34 0.00	17.09 0.31 0.00	16.39 0.41 0.00	17.44 0.60 0.00	18.10 0.64 0.00	21.05 0.67 0.00	25.08 0.66 0.00	22.02 0.45 0.00	20.21 0.47 0.00	19.97 0.44 0.00	21.08 0.51 0.00	19.96 0.33 0.00	20.46 0.31 0.00	19.93 0.26 0.00	19.64 0.11 0.00	19.76 0.05 0.00	26.46 -0.07 0.00	23.73 -0.12 0.00	20.40 -0.02 0.00	23.14 0.33 0.00	23.41 0.34 0.00	21.30 0.38 0.00	19.76 -0.04 -0.46

LI_NEWBRDGE___DRP 323616	18.56 0.55 0.00	17.16 0.53 0.00	17.28 0.50 0.00	16.37 0.38 0.00	17.25 0.41 0.00	17.97 0.50 0.00	20.96 0.57 0.00	25.28 0.87 0.00	22.44 0.87 0.00	20.58 0.85 0.00	20.35 0.82 0.00	21.22 0.65 0.00	20.35 0.72 0.00	21.01 0.85 0.00	20.52 0.85 0.00	20.45 0.92 0.00	20.62 0.91 0.00	28.08 1.55 0.00	25.39 1.54 0.00	21.61 1.18 0.00	23.98 1.17 0.00	24.21 1.14 0.00	21.88 0.96 0.00	20.31 0.98 0.00
LOCKPORT_115KV_TB60_63_64 80432	16.86 -1.15 0.00	15.67 -0.97 0.00	15.78 -0.99 0.00	14.91 -1.08 0.00	15.55 -1.29 0.00	16.35 -1.12 0.00	18.97 -1.42 0.00	22.33 -2.09 0.00	19.81 -1.76 0.00	18.25 -1.48 0.00	17.93 -1.60 0.00	19.51 -1.06 0.00	18.31 -1.31 0.00	18.70 -1.45 0.00	18.23 -1.44 0.00	17.93 -1.59 0.00	18.05 -1.66 0.00	24.66 -1.87 0.00	21.88 -1.97 0.00	18.76 -1.66 0.00	20.85 -1.96 0.00	20.85 -2.22 0.00	18.85 -2.07 0.00	17.64 -1.70 0.00
LOCKPORT___CC1 323769	16.85 -1.16 0.00	15.65 -0.99 0.00	15.77 -1.01 0.00	14.89 -1.10 0.00	15.53 -1.31 0.00	16.32 -1.14 0.00	18.95 -1.44 0.00	22.35 -2.06 0.00	15.84 -1.71 4.03	16.98 -1.45 1.30	17.94 -1.59 0.00	11.89 -1.02 7.67	17.88 -1.28 0.46	17.22 -1.42 1.52	17.07 -1.44 1.16	16.54 -1.56 1.44	16.29 -1.65 1.77	16.17 -1.88 8.48	17.44 -1.97 4.44	15.78 -1.65 2.99	16.31 -1.96 4.55	17.18 -2.23 3.67	18.39 -2.06 0.47	17.29 -1.71 0.34
LOCKPORT___CC2 323770	16.85 -1.16 0.00	15.65 -0.99 0.00	15.77 -1.01 0.00	14.89 -1.10 0.00	15.53 -1.31 0.00	16.32 -1.14 0.00	18.95 -1.44 0.00	22.35 -2.06 0.00	15.84 -1.71 4.03	16.98 -1.45 1.30	17.94 -1.59 0.00	11.89 -1.02 7.67	17.88 -1.28 0.46	17.22 -1.42 1.52	17.07 -1.44 1.16	16.54 -1.56 1.44	16.29 -1.65 1.77	16.17 -1.88 8.48	17.44 -1.97 4.44	15.78 -1.65 2.99	16.31 -1.96 4.55	17.18 -2.23 3.67	18.39 -2.06 0.47	17.29 -1.71 0.34
LOCKPORT___CC3 323771	16.85 -1.16 0.00	15.65 -0.99 0.00	15.77 -1.01 0.00	14.89 -1.10 0.00	15.53 -1.31 0.00	16.32 -1.14 0.00	18.95 -1.44 0.00	22.35 -2.06 0.00	15.84 -1.71 4.03	16.98 -1.45 1.30	17.94 -1.59 0.00	11.89 -1.02 7.67	17.88 -1.28 0.46	17.22 -1.42 1.52	17.07 -1.44 1.16	16.54 -1.56 1.44	16.29 -1.65 1.77	16.17 -1.88 8.48	17.44 -1.97 4.44	15.78 -1.65 2.99	16.31 -1.96 4.55	17.18 -2.23 3.67	18.39 -2.06 0.47	17.29 -1.71 0.34
LONG_LAKE_PHOENIX 24014	17.64 -0.37 0.00	16.31 -0.32 0.00	16.46 -0.33 0.00	15.65 -0.34 0.00	16.42 -0.42 0.00	17.01 -0.45 0.00	19.90 -0.48 0.00	23.85 -0.57 0.00	21.02 -0.55 0.00	19.19 -0.54 0.00	18.98 -0.55 0.00	20.03 -0.54 0.00	19.11 -0.51 0.00	19.61 -0.51 0.00	19.15 -0.52 0.00	19.00 -0.53 0.00	19.20 -0.51 0.00	26.01 -0.52 0.00	23.40 -0.45 0.00	20.03 -0.39 0.00	22.28 -0.53 0.00	22.47 -0.60 0.00	20.36 -0.55 0.00	19.00 -0.34 0.00
LOVETT___3 23632	18.37 0.35 0.00	17.00 0.36 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.18 0.65 0.00	21.09 0.52 0.00	20.22 0.60 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.29 0.76 0.00	20.50 0.79 0.00	27.86 1.33 0.00	25.18 1.33 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.08 1.01 0.00	21.78 0.86 0.00	20.20 0.86 0.00
LOVETT___4 23642	18.37 0.35 0.00	17.00 0.36 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.18 0.65 0.00	21.09 0.52 0.00	20.22 0.60 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.29 0.76 0.00	20.50 0.79 0.00	27.86 1.33 0.00	25.18 1.33 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.08 1.01 0.00	21.78 0.86 0.00	20.20 0.86 0.00
LOVETT___5 23593	18.37 0.35 0.00	17.00 0.36 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.18 0.65 0.00	21.09 0.52 0.00	20.22 0.60 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.29 0.76 0.00	20.50 0.79 0.00	27.86 1.33 0.00	25.18 1.33 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.08 1.01 0.00	21.78 0.86 0.00	20.20 0.86 0.00
LOWER RAQUET___HYD 24057	18.37 0.36 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.24 0.00	17.26 0.42 0.00	17.88 0.42 0.00	20.77 0.39 0.00	24.76 0.34 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.73 0.21 0.00	20.86 0.28 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.76 0.09 0.00	19.43 -0.10 0.00	19.49 -0.22 0.00	26.04 -0.49 0.00	23.32 -0.53 0.00	20.05 -0.37 0.00	22.78 -0.03 0.00	23.06 -0.01 0.00	21.01 0.09 0.00	19.55 -0.29 -0.51
LOWER___HUDSON 24059	18.29 0.27 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.24 0.25 0.00	17.08 0.24 0.00	17.72 0.25 0.00	20.66 0.27 0.00	24.86 0.45 0.00	21.90 0.33 0.00	19.97 0.24 0.00	19.78 0.25 0.00	20.76 0.19 0.00	19.80 0.18 0.00	20.41 0.25 0.00	19.87 0.19 0.00	19.78 0.25 0.00	20.08 0.37 0.00	27.22 0.69 0.00	24.50 0.65 0.00	20.93 0.51 0.00	23.22 0.41 0.00	23.52 0.45 0.00	21.35 0.44 0.00	19.80 0.47 0.00
LOWVILLE_115KV_TB2 356335	18.20 0.19 0.00	16.62 -0.01 0.00	16.79 0.01 0.00	16.05 0.06 0.00	16.95 0.11 0.00	17.50 0.04 0.00	20.35 -0.04 0.00	24.46 0.05 0.00	21.41 -0.16 0.00	19.56 -0.17 0.00	19.20 -0.33 0.00	20.24 -0.33 0.00	19.19 -0.43 0.00	19.64 -0.52 0.00	19.06 -0.61 0.00	18.88 -0.65 0.00	19.10 -0.61 0.00	25.92 -0.61 0.00	23.28 -0.56 0.00	19.95 -0.47 0.00	22.28 -0.54 0.00	22.49 -0.58 0.00	20.29 -0.62 0.00	18.78 -0.70 -0.14
LUTHERFT_115KV_GLOB_FND_222 355753	18.46 0.44 0.00	17.12 0.48 0.00	17.24 0.46 0.00	16.38 0.39 0.00	17.25 0.41 0.00	17.92 0.45 0.00	20.95 0.56 0.00	25.21 0.79 0.00	22.21 0.64 0.00	20.26 0.52 0.00	20.07 0.54 0.00	21.06 0.48 0.00	20.08 0.46 0.00	20.69 0.53 0.00	20.15 0.47 0.00	20.03 0.50 0.00	20.36 0.65 0.00	27.67 1.14 0.00	24.88 1.03 0.00	21.26 0.84 0.00	23.60 0.78 0.00	23.81 0.74 0.00	21.59 0.67 0.00	20.00 0.66 0.00
LUTHERNY_35_KV_BK2 355980	18.44 0.43 0.00	17.11 0.47 0.00	17.24 0.46 0.00	16.37 0.38 0.00	17.24 0.40 0.00	17.92 0.45 0.00	20.96 0.58 0.00	25.22 0.81 0.00	22.22 0.65 0.00	20.27 0.53 0.00	20.06 0.53 0.00	21.05 0.48 0.00	20.08 0.46 0.00	20.68 0.53 0.00	20.15 0.47 0.00	20.03 0.50 0.00	20.35 0.64 0.00	27.68 1.15 0.00	24.88 1.03 0.00	21.25 0.83 0.00	23.61 0.80 0.00	23.84 0.77 0.00	21.58 0.66 0.00	19.99 0.65 0.00
LWR___OSWEGATCHIE_HYD 23850	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.04 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.34 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.75 0.00	23.14 -0.70 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.52 -0.40 0.00	19.05 -0.63 -0.34

LYONS_FALL_HYD 23570	18.25 0.24 0.00	16.73 0.09 0.00	16.90 0.12 0.00	16.12 0.13 0.00	17.00 0.16 0.00	17.60 0.13 0.00	20.53 0.14 0.00	24.66 0.24 0.00	21.63 0.06 0.00	19.76 0.03 0.00	19.43 -0.10 0.00	20.48 -0.10 0.00	19.46 -0.16 0.00	19.96 -0.20 0.00	19.40 -0.27 0.00	19.23 -0.30 0.00	19.48 -0.23 0.00	26.43 -0.10 0.00	23.76 -0.09 0.00	20.33 -0.09 0.00	22.68 -0.13 0.00	22.90 -0.17 0.00	20.69 -0.23 0.00	19.15 -0.28 -0.10
MADISON___COUNTY_LFGE 323628	18.33 0.32 0.00	16.92 0.28 0.00	17.07 0.29 0.00	16.24 0.25 0.00	17.07 0.24 0.00	17.75 0.29 0.00	20.80 0.41 0.00	24.94 0.53 0.00	21.89 0.32 0.00	19.97 0.23 0.00	19.70 0.17 0.00	20.75 0.18 0.00	19.81 0.18 0.00	20.36 0.20 0.00	19.84 0.17 0.00	19.68 0.16 0.00	19.93 0.22 0.00	27.11 0.59 0.00	24.43 0.58 0.00	20.88 0.45 0.00	23.24 0.43 0.00	23.45 0.38 0.00	21.23 0.31 0.00	19.67 0.33 0.00
MALONE___115KV_TB1 356076	18.82 0.81 0.00	17.23 0.59 0.00	17.36 0.58 0.00	16.59 0.60 0.00	17.52 0.69 0.00	18.19 0.72 0.00	21.18 0.79 0.00	25.29 0.88 0.00	22.27 0.70 0.00	20.31 0.58 0.00	20.10 0.58 0.00	21.27 0.70 0.00	20.18 0.56 0.00	20.68 0.52 0.00	20.14 0.47 0.00	19.87 0.35 0.00	19.97 0.26 0.00	26.47 -0.05 0.00	23.64 -0.21 0.00	20.30 -0.12 0.00	22.82 0.01 0.00	23.04 -0.03 0.00	20.77 -0.15 0.00	21.06 -0.53 -2.25
MAPLEWOD_115KV_TB3 80458	18.37 0.36 0.00	17.07 0.43 0.00	17.19 0.41 0.00	16.32 0.33 0.00	17.16 0.33 0.00	17.81 0.35 0.00	20.77 0.38 0.00	25.02 0.60 0.00	22.07 0.50 0.00	20.14 0.40 0.00	19.93 0.40 0.00	20.92 0.35 0.00	19.96 0.34 0.00	20.56 0.40 0.00	20.02 0.35 0.00	19.94 0.41 0.00	20.23 0.52 0.00	27.43 0.90 0.00	24.69 0.84 0.00	21.09 0.66 0.00	23.40 0.59 0.00	23.68 0.61 0.00	21.50 0.58 0.00	19.92 0.58 0.00
MAPLE_RIDGE_WT_1 323574	18.00 -0.01 0.00	16.52 -0.12 0.00	16.68 -0.10 0.00	15.95 -0.04 0.00	16.84 0.01 0.00	17.44 -0.02 0.00	20.29 -0.10 0.00	24.27 -0.14 0.00	21.36 -0.21 0.00	19.56 -0.17 0.00	19.42 -0.11 0.00	20.49 -0.08 0.00	19.52 -0.10 0.00	20.04 -0.12 0.00	19.51 -0.16 0.00	19.32 -0.20 0.00	19.44 -0.27 0.00	25.98 -0.55 0.00	23.26 -0.59 0.00	19.87 -0.55 0.00	22.31 -0.50 0.00	22.57 -0.49 0.00	20.45 -0.47 0.00	18.80 -0.54 0.00
MAPLE_RIDGE_WT_2 323611	18.00 -0.01 0.00	16.52 -0.12 0.00	16.68 -0.10 0.00	15.95 -0.04 0.00	16.84 0.01 0.00	17.44 -0.02 0.00	20.29 -0.10 0.00	24.27 -0.14 0.00	21.36 -0.21 0.00	19.56 -0.17 0.00	19.42 -0.11 0.00	20.49 -0.08 0.00	19.52 -0.10 0.00	20.04 -0.12 0.00	19.51 -0.16 0.00	19.32 -0.20 0.00	19.44 -0.27 0.00	25.98 -0.55 0.00	23.26 -0.59 0.00	19.87 -0.55 0.00	22.31 -0.50 0.00	22.57 -0.49 0.00	20.45 -0.47 0.00	18.80 -0.54 0.00
MARBLE_RIVER_WT_PWR 323696	18.72 0.71 0.00	17.17 0.53 0.00	17.31 0.53 0.00	16.49 0.50 0.00	17.37 0.54 0.00	18.01 0.55 0.00	20.97 0.58 0.00	25.05 0.64 0.00	22.08 0.51 0.00	20.10 0.36 0.00	19.91 0.38 0.00	21.05 0.48 0.00	20.03 0.41 0.00	20.54 0.38 0.00	20.02 0.34 0.00	19.78 0.26 0.00	19.86 0.15 0.00	26.19 -0.33 0.00	23.33 -0.52 0.00	20.02 -0.41 0.00	22.43 -0.39 0.00	22.66 -0.41 0.00	20.35 -0.57 0.00	15.17 -0.89 3.27
MARSHVLE_115KV_TB1 80742	18.91 0.90 0.00	17.36 0.72 0.00	17.53 0.75 0.00	16.73 0.74 0.00	17.64 0.81 0.00	18.32 0.86 0.00	21.47 1.08 0.00	25.64 1.23 0.00	22.62 1.05 0.00	20.70 0.96 0.00	20.46 0.93 0.00	21.60 1.03 0.00	20.52 0.90 0.00	21.02 0.85 0.00	20.61 0.94 0.00	20.29 0.76 0.00	20.57 0.86 0.00	27.72 1.19 0.00	25.00 1.15 0.00	21.44 1.02 0.00	23.97 1.16 0.00	24.06 0.99 0.00	21.76 0.84 0.00	20.09 0.75 0.00
MARSH_HILL_WT_PWR 323713	16.91 -1.10 0.00	16.00 -0.64 0.00	15.89 -0.89 0.00	15.13 -0.86 0.00	16.17 -0.66 0.00	16.62 -0.84 0.00	19.80 -0.59 0.00	23.96 -0.46 0.00	21.91 -0.44 -0.79	19.63 -0.36 -0.25	19.22 -0.31 0.00	21.93 -0.21 -1.58	19.58 -0.13 -0.10	20.24 -0.23 -0.31	19.70 -0.20 -0.23	19.40 -0.40 -0.28	19.09 -0.97 -0.35	26.84 -1.36 -1.67	23.89 -0.84 -0.88	20.25 -0.77 -0.59	22.39 -1.32 -0.90	22.10 -1.69 -0.72	19.75 -1.26 -0.09	18.63 -0.78 -0.07
MCINTYRE_115KV_TB2 80467	18.64 0.63 0.00	17.05 0.41 0.00	17.17 0.39 0.00	16.46 0.48 0.00	17.53 0.69 0.00	18.20 0.74 0.00	21.18 0.79 0.00	25.21 0.80 0.00	22.14 0.57 0.00	20.29 0.56 0.00	20.06 0.54 0.00	21.18 0.61 0.00	20.05 0.43 0.00	20.54 0.38 0.00	20.01 0.34 0.00	19.74 0.21 0.00	19.91 0.20 0.00	26.70 0.17 0.00	23.98 0.13 0.00	20.61 0.19 0.00	23.34 0.53 0.00	23.60 0.53 0.00	21.47 0.55 0.00	19.85 0.11 -0.40
MECO___69_KV_BK1 80468	19.51 1.50 0.00	17.98 1.34 0.00	18.12 1.33 0.00	17.27 1.28 0.00	18.22 1.38 0.00	19.00 1.53 0.00	22.37 1.98 0.00	26.71 2.30 0.00	23.50 1.93 0.00	21.39 1.65 0.00	20.88 1.35 0.00	21.89 1.32 0.00	20.61 0.99 0.00	21.23 1.07 0.00	20.98 1.31 0.00	20.35 0.82 0.00	21.09 1.38 0.00	28.95 2.42 0.00	26.33 2.48 0.00	22.56 2.14 0.00	25.11 2.30 0.00	25.15 2.08 0.00	22.67 1.75 0.00	20.84 1.50 0.00
MENANDS___115KV_TB5 355628	18.35 0.34 0.00	17.04 0.41 0.00	17.17 0.39 0.00	16.29 0.30 0.00	17.14 0.30 0.00	17.78 0.32 0.00	20.72 0.33 0.00	24.97 0.55 0.00	22.03 0.46 0.00	20.10 0.36 0.00	19.89 0.36 0.00	20.88 0.31 0.00	19.93 0.30 0.00	20.53 0.37 0.00	19.99 0.32 0.00	19.91 0.39 0.00	20.19 0.48 0.00	27.37 0.84 0.00	24.64 0.79 0.00	21.03 0.61 0.00	23.34 0.53 0.00	23.64 0.57 0.00	21.47 0.55 0.00	19.90 0.56 0.00
MG INDUSTRY___DRP 24185	18.38 0.37 0.00	17.07 0.43 0.00	17.20 0.42 0.00	16.34 0.35 0.00	17.19 0.35 0.00	17.83 0.37 0.00	20.78 0.40 0.00	24.98 0.56 0.00	22.03 0.46 0.00	20.11 0.37 0.00	19.89 0.37 0.00	20.90 0.33 0.00	19.95 0.33 0.00	20.52 0.36 0.00	20.00 0.33 0.00	19.92 0.39 0.00	20.18 0.47 0.00	27.35 0.82 0.00	24.60 0.75 0.00	20.99 0.57 0.00	23.34 0.52 0.00	23.61 0.54 0.00	21.43 0.51 0.00	19.86 0.53 0.00
MID___OSWEGATCHIE_HYD 23849	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.04 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.34 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.75 0.00	23.14 -0.70 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.52 -0.40 0.00	19.05 -0.63 -0.34
MID___RAQUETTE_HYD 23851	18.37 0.36 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.24 0.00	17.26 0.42 0.00	17.88 0.42 0.00	20.77 0.39 0.00	24.76 0.34 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.73 0.21 0.00	20.86 0.28 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.76 0.09 0.00	19.43 -0.10 0.00	19.49 -0.22 0.00	26.04 -0.49 0.00	23.32 -0.53 0.00	20.05 -0.37 0.00	22.78 -0.03 0.00	23.06 -0.01 0.00	21.01 0.09 0.00	19.55 -0.29 -0.51

MILLIKEN___1 23584	18.09 0.08 0.00	16.75 0.11 0.00	16.88 0.10 0.00	16.06 0.07 0.00	16.87 0.04 0.00	17.55 0.08 0.00	20.61 0.22 0.00	24.70 0.28 0.00	21.74 0.17 0.00	19.77 0.04 0.00	19.46 -0.07 0.00	20.55 -0.02 0.00	19.63 0.01 0.00	20.12 -0.04 0.00	19.66 -0.01 0.00	19.51 -0.02 0.00	19.72 0.02 0.00	26.80 0.27 0.00	24.21 0.36 0.00	20.71 0.29 0.00	22.96 0.15 0.00	23.14 0.07 0.00	20.98 0.06 0.00	19.51 0.17 0.00
MILLIKEN___2 23585	18.09 0.08 0.00	16.75 0.11 0.00	16.88 0.10 0.00	16.06 0.07 0.00	16.87 0.04 0.00	17.55 0.08 0.00	20.61 0.22 0.00	24.70 0.28 0.00	21.74 0.17 0.00	19.77 0.04 0.00	19.46 -0.07 0.00	20.55 -0.02 0.00	19.63 0.01 0.00	20.12 -0.04 0.00	19.66 -0.01 0.00	19.51 -0.02 0.00	19.72 0.02 0.00	26.80 0.27 0.00	24.21 0.36 0.00	20.71 0.29 0.00	22.96 0.15 0.00	23.14 0.07 0.00	20.98 0.06 0.00	19.51 0.17 0.00
MILLIKEN___DIESEL 23629	18.09 0.08 0.00	16.75 0.11 0.00	16.88 0.10 0.00	16.06 0.07 0.00	16.87 0.04 0.00	17.55 0.08 0.00	20.61 0.22 0.00	24.70 0.28 0.00	21.74 0.17 0.00	19.77 0.04 0.00	19.46 -0.07 0.00	20.55 -0.02 0.00	19.63 0.01 0.00	20.12 -0.04 0.00	19.66 -0.01 0.00	19.51 -0.02 0.00	19.72 0.02 0.00	26.80 0.27 0.00	24.21 0.36 0.00	20.71 0.29 0.00	22.96 0.15 0.00	23.14 0.07 0.00	20.98 0.06 0.00	19.51 0.17 0.00
MILLSEAT___LFGE 323607	17.17 -0.84 0.00	15.94 -0.70 0.00	16.06 -0.71 0.00	15.18 -0.81 0.00	15.86 -0.97 0.00	16.68 -0.78 0.00	19.41 -0.98 0.00	22.90 -1.52 0.00	16.57 -1.29 3.71	17.39 -1.15 1.20	18.21 -1.32 0.00	12.74 -0.77 7.07	18.16 -1.03 0.43	17.61 -1.15 1.40	17.44 -1.18 1.05	16.97 -1.26 1.30	16.84 -1.27 1.60	17.57 -1.29 7.67	18.43 -1.40 4.02	16.57 -1.15 2.70	17.28 -1.43 4.11	18.05 -1.70 3.31	18.88 -1.61 0.43	17.71 -1.32 0.30
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	18.39 0.38 0.00	17.03 0.39 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.13 0.29 0.00	17.83 0.37 0.00	20.89 0.51 0.00	25.29 0.87 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.22 0.69 0.00	21.13 0.56 0.00	20.25 0.63 0.00	20.87 0.71 0.00	20.39 0.72 0.00	20.32 0.79 0.00	20.54 0.83 0.00	27.91 1.38 0.00	25.22 1.37 0.00	21.50 1.08 0.00	23.81 1.00 0.00	24.10 1.03 0.00	21.79 0.87 0.00	20.21 0.87 0.00
MILLWOOD_13_KV_LOAD 356217	18.42 0.41 0.00	17.06 0.42 0.00	17.19 0.41 0.00	16.29 0.30 0.00	17.16 0.32 0.00	17.87 0.40 0.00	20.94 0.55 0.00	25.35 0.94 0.00	22.47 0.90 0.00	20.52 0.79 0.00	20.27 0.74 0.00	21.19 0.62 0.00	20.30 0.68 0.00	20.91 0.76 0.00	20.44 0.77 0.00	20.37 0.85 0.00	20.59 0.88 0.00	27.98 1.45 0.00	25.28 1.43 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.15 1.08 0.00	21.83 0.91 0.00	20.25 0.91 0.00
MODEL_CITY_ENERGY 24167	16.70 -1.31 0.00	15.53 -1.11 0.00	15.64 -1.14 0.00	14.77 -1.22 0.00	15.40 -1.43 0.00	16.19 -1.28 0.00	18.73 -1.65 0.00	21.99 -2.42 0.00	15.24 -2.01 4.32	16.64 -1.69 1.40	17.71 -1.81 0.00	11.07 -1.27 8.23	17.62 -1.51 0.50	16.89 -1.65 1.62	16.82 -1.64 1.21	16.29 -1.74 1.50	16.05 -1.82 1.84	15.56 -2.15 8.82	16.98 -2.24 4.62	15.45 -1.86 3.11	15.89 -2.19 4.73	16.81 -2.45 3.81	18.16 -2.27 0.49	17.10 -1.89 0.35
MODERN_LFGE___ 323580	16.70 -1.31 0.00	15.53 -1.11 0.00	15.64 -1.14 0.00	14.77 -1.22 0.00	15.40 -1.43 0.00	16.19 -1.28 0.00	18.73 -1.65 0.00	21.99 -2.42 0.00	15.24 -2.01 4.32	16.64 -1.69 1.40	17.71 -1.81 0.00	11.07 -1.27 8.23	17.62 -1.51 0.50	16.89 -1.65 1.62	16.82 -1.64 1.21	16.29 -1.74 1.50	16.05 -1.82 1.84	15.56 -2.15 8.82	16.98 -2.24 4.62	15.45 -1.86 3.11	15.89 -2.19 4.73	16.81 -2.45 3.81	18.16 -2.27 0.49	17.10 -1.89 0.35
MOHAWK_PAPER___DRP 24187	18.37 0.36 0.00	17.07 0.43 0.00	17.19 0.41 0.00	16.32 0.33 0.00	17.16 0.33 0.00	17.81 0.35 0.00	20.77 0.38 0.00	25.02 0.60 0.00	22.07 0.50 0.00	20.14 0.40 0.00	19.93 0.40 0.00	20.92 0.35 0.00	19.96 0.34 0.00	20.56 0.40 0.00	20.02 0.35 0.00	19.94 0.41 0.00	20.23 0.52 0.00	27.43 0.90 0.00	24.69 0.84 0.00	21.09 0.66 0.00	23.40 0.59 0.00	23.68 0.61 0.00	21.50 0.58 0.00	19.92 0.58 0.00
MOHICAN___35_KV_115KV_LD 80490	18.43 0.42 0.00	17.09 0.45 0.00	17.19 0.41 0.00	16.32 0.33 0.00	17.24 0.40 0.00	17.91 0.45 0.00	20.97 0.59 0.00	25.25 0.83 0.00	22.25 0.68 0.00	20.29 0.56 0.00	20.19 0.66 0.00	21.13 0.56 0.00	20.15 0.53 0.00	20.79 0.63 0.00	20.19 0.52 0.00	20.08 0.55 0.00	20.46 0.75 0.00	27.88 1.35 0.00	25.04 1.19 0.00	21.44 1.02 0.00	23.73 0.92 0.00	23.84 0.77 0.00	21.64 0.72 0.00	20.05 0.71 0.00
MONGAUP___HYD 23641	18.33 0.32 0.00	16.97 0.33 0.00	17.10 0.32 0.00	16.22 0.23 0.00	17.10 0.26 0.00	17.79 0.33 0.00	20.76 0.37 0.00	25.51 1.09 0.00	22.60 1.03 0.00	20.75 1.02 0.00	20.39 0.86 0.00	21.23 0.65 0.00	20.18 0.55 0.00	20.78 0.62 0.00	20.43 0.76 0.00	20.43 0.91 0.00	20.60 0.89 0.00	28.15 1.62 0.00	25.49 1.64 0.00	21.77 1.35 0.00	24.27 1.46 0.00	24.49 1.42 0.00	22.10 1.18 0.00	20.46 1.13 0.00
MONTAUK___DIESEL 23721	19.19 1.18 0.00	17.73 1.09 0.00	17.85 1.07 0.00	16.91 0.92 0.00	17.84 1.01 0.00	18.54 1.08 0.00	21.45 1.06 0.00	25.72 1.31 0.00	22.83 1.25 0.00	21.07 1.34 0.00	20.86 1.33 0.00	21.55 0.98 0.00	20.58 0.96 0.00	21.18 1.02 0.00	20.51 0.84 0.00	20.33 0.80 0.00	20.52 0.81 0.00	28.31 1.78 0.00	25.62 1.77 0.00	21.73 1.31 0.00	24.19 1.38 0.00	24.28 1.21 0.00	22.10 1.18 0.00	20.64 1.30 0.00
MOONROAD_115KV_HARTFLD_TB1-2 355988	16.83 -1.18 0.00	15.55 -1.09 0.00	15.96 -0.82 0.00	14.96 -1.03 0.00	15.54 -1.29 0.00	16.57 -0.90 0.00	19.32 -1.06 0.00	22.97 -1.44 0.00	20.62 -0.95 0.00	19.08 -0.65 0.00	18.89 -0.64 0.00	20.47 -0.10 0.00	19.33 -0.29 0.00	19.70 -0.46 0.00	19.03 -0.65 0.00	18.58 -0.95 0.00	18.53 -1.18 0.00	25.49 -1.03 0.00	22.84 -1.01 0.00	19.13 -1.29 0.00	21.10 -1.71 0.00	21.01 -2.06 0.00	19.05 -1.87 0.00	18.14 -1.19 0.00
MORTIMER_115KV_TB3 55949	17.35 -0.67 0.00	16.07 -0.57 0.00	16.18 -0.60 0.00	15.34 -0.65 0.00	16.06 -0.78 0.00	16.78 -0.69 0.00	19.62 -0.77 0.00	23.24 -1.17 0.00	20.54 -1.03 0.00	18.82 -0.91 0.00	18.55 -0.97 0.00	19.90 -0.67 0.00	18.85 -0.77 0.00	19.29 -0.86 0.00	18.82 -0.85 0.00	18.58 -0.95 0.00	18.72 -0.99 0.00	25.50 -1.03 0.00	22.80 -1.05 0.00	19.53 -0.89 0.00	21.71 -1.10 0.00	21.78 -1.29 0.00	19.71 -1.20 0.00	18.38 -0.96 0.00
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	18.40 0.39 0.00	17.05 0.41 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.13 0.29 0.00	17.83 0.37 0.00	20.91 0.52 0.00	25.32 0.91 0.00	22.46 0.89 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.33 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.41 0.88 0.00	20.61 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.57 1.14 0.00	23.87 1.06 0.00	24.17 1.10 0.00	21.82 0.91 0.00	20.23 0.90 0.00

MUNSVILLE_WIND_PWR 323609	18.96 0.95 0.00	17.57 0.93 0.00	17.61 0.83 0.00	16.65 0.66 0.00	17.56 0.72 0.00	18.29 0.82 0.00	21.60 1.22 0.00	25.85 1.44 0.00	23.98 1.11 -1.29	21.04 0.89 -0.42	20.30 0.77 0.00	24.00 0.85 -2.58	20.63 0.85 -0.16	21.58 0.92 -0.51	20.97 0.93 -0.37	20.89 0.90 -0.46	21.07 0.79 -0.57	30.66 1.40 -2.72	26.69 1.41 -1.43	22.46 1.08 -0.96	25.20 0.93 -1.46	25.05 0.81 -1.18	21.97 0.91 -0.15	20.47 1.02 -0.11
N SALMON___HYD 24042	18.82 0.81 0.00	17.23 0.59 0.00	17.36 0.58 0.00	16.58 0.60 0.00	17.52 0.69 0.00	18.19 0.72 0.00	21.18 0.80 0.00	25.29 0.88 0.00	22.27 0.70 0.00	20.31 0.58 0.00	20.10 0.58 0.00	21.27 0.70 0.00	20.18 0.56 0.00	20.68 0.52 0.00	20.14 0.47 0.00	19.87 0.35 0.00	19.97 0.26 0.00	26.47 -0.05 0.00	23.64 -0.21 0.00	20.30 -0.12 0.00	22.82 0.01 0.00	23.04 -0.03 0.00	20.77 -0.15 0.00	21.06 -0.53 -2.25
N.AKRON___115KV_KNAPP 355671	17.17 -0.84 0.00	15.94 -0.70 0.00	16.06 -0.71 0.00	15.18 -0.81 0.00	15.85 -0.98 0.00	16.68 -0.78 0.00	19.40 -0.98 0.00	22.88 -1.53 0.00	20.24 -1.33 0.00	18.58 -1.15 0.00	18.21 -1.32 0.00	19.82 -0.75 0.00	18.57 -1.05 0.00	18.99 -1.17 0.00	18.50 -1.17 0.00	18.23 -1.30 0.00	18.44 -1.27 0.00	25.21 -1.31 0.00	22.42 -1.43 0.00	19.23 -1.19 0.00	21.34 -1.47 0.00	21.33 -1.74 0.00	19.27 -1.65 0.00	18.00 -1.33 0.00
N.BELMOR_69_KV_BK1 55787	18.72 0.71 0.00	17.31 0.67 0.00	17.41 0.63 0.00	16.49 0.50 0.00	17.38 0.55 0.00	18.12 0.66 0.00	21.14 0.76 0.00	25.45 1.03 0.00	22.60 1.03 0.00	20.77 1.03 0.00	20.48 0.96 0.00	21.35 0.78 0.00	20.46 0.84 0.00	21.16 1.00 0.00	20.67 1.00 0.00	20.63 1.10 0.00	20.81 1.10 0.00	28.35 1.82 0.00	25.65 1.80 0.00	21.82 1.40 0.00	24.23 1.42 0.00	24.44 1.37 0.00	22.09 1.17 0.00	20.48 1.15 0.00
N.E_GEN_SANDY PD 24062	18.17 0.23 0.07	16.96 0.31 0.00	17.08 0.30 0.00	16.19 0.20 0.00	17.03 0.19 0.00	17.67 0.21 0.00	20.55 0.21 0.05	24.98 0.42 -0.14	21.91 0.34 0.00	19.98 0.25 0.00	19.77 0.24 0.00	20.72 0.15 0.00	19.81 0.19 0.00	20.42 0.26 0.00	19.90 0.23 0.00	19.79 0.29 0.03	20.18 0.39 -0.08	27.37 0.74 -0.10	24.59 0.74 0.00	21.30 0.57 -0.31	23.21 0.45 0.05	23.56 0.49 0.00	21.39 0.48 0.00	19.44 0.52 0.42
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	18.40 0.39 0.00	17.03 0.39 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.14 0.30 0.00	17.85 0.39 0.00	20.93 0.54 0.00	25.33 0.92 0.00	22.44 0.87 0.00	20.49 0.76 0.00	20.21 0.69 0.00	21.14 0.57 0.00	20.26 0.64 0.00	20.87 0.71 0.00	20.40 0.73 0.00	20.33 0.81 0.00	20.54 0.84 0.00	27.92 1.39 0.00	25.23 1.38 0.00	21.52 1.10 0.00	23.84 1.02 0.00	24.13 1.06 0.00	21.82 0.91 0.00	20.24 0.90 0.00
N.QUEENS_27_KV_LOAD 356247	18.41 0.39 0.00	17.00 0.36 0.00	17.10 0.32 0.00	16.18 0.20 0.00	17.06 0.22 0.00	17.76 0.30 0.00	20.87 0.49 0.00	25.30 0.89 0.00	22.46 0.89 0.00	20.51 0.78 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.49 0.81 0.00	20.40 0.88 0.00	20.60 0.89 0.00	27.98 1.46 0.00	25.29 1.44 0.00	21.57 1.14 0.00	23.85 1.04 0.00	24.15 1.08 0.00	21.79 0.87 0.00	20.20 0.87 0.00
N.TROY___115KV_TB1 355778	18.29 0.28 0.00	16.99 0.36 0.00	17.12 0.34 0.00	16.24 0.25 0.00	17.08 0.24 0.00	17.72 0.25 0.00	20.66 0.27 0.00	24.86 0.45 0.00	21.91 0.34 0.00	19.97 0.24 0.00	19.78 0.25 0.00	20.76 0.19 0.00	19.81 0.19 0.00	20.41 0.25 0.00	19.87 0.20 0.00	19.79 0.26 0.00	20.08 0.38 0.00	27.22 0.69 0.00	24.50 0.65 0.00	20.93 0.51 0.00	23.23 0.42 0.00	23.52 0.45 0.00	21.36 0.44 0.00	19.80 0.47 0.00
NARROWS_GT1_1 24228	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_2 24229	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_3 24230	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_4 24231	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_5 24232	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_6 24233	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT1_7 24234	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00

NARROWS_GT1_8 24235	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_1 24236	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_2 24237	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_3 24238	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_4 24239	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_5 24240	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_6 24241	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_7 24242	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NARROWS_GT2_8 24243	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	18.78 0.77 0.00	17.44 0.80 0.00	17.57 0.79 0.00	16.70 0.71 0.00	17.57 0.73 0.00	18.25 0.79 0.00	21.32 0.93 0.00	25.68 1.27 0.00	22.63 1.06 0.00	20.62 0.89 0.00	20.39 0.86 0.00	21.38 0.81 0.00	20.36 0.74 0.00	20.87 0.71 0.00	20.35 0.68 0.00	20.33 0.80 0.00	20.70 0.99 0.00	28.17 1.64 0.00	25.29 1.44 0.00	21.42 1.00 0.00	23.92 1.11 0.00	24.18 1.11 0.00	21.92 1.00 0.00	20.27 0.93 0.00
NCHELSEA_115KV_TR2 355582	18.50 0.49 0.00	17.15 0.51 0.00	17.28 0.50 0.00	16.38 0.39 0.00	17.26 0.42 0.00	17.96 0.50 0.00	21.05 0.66 0.00	25.47 1.06 0.00	22.56 0.99 0.00	20.59 0.86 0.00	20.34 0.81 0.00	21.28 0.70 0.00	20.35 0.73 0.00	20.95 0.79 0.00	20.47 0.80 0.00	20.41 0.88 0.00	20.65 0.94 0.00	28.08 1.56 0.00	25.38 1.53 0.00	21.64 1.22 0.00	23.97 1.16 0.00	24.24 1.17 0.00	21.91 1.00 0.00	20.31 0.98 0.00
NEG CAPITAL___MECHNVIL 23645	18.44 0.43 0.00	17.11 0.47 0.00	17.23 0.45 0.00	16.36 0.38 0.00	17.23 0.40 0.00	17.90 0.43 0.00	20.93 0.54 0.00	25.18 0.76 0.00	22.19 0.63 0.00	20.23 0.50 0.00	20.05 0.52 0.00	21.04 0.47 0.00	20.05 0.43 0.00	20.67 0.51 0.00	20.13 0.45 0.00	20.01 0.49 0.00	20.35 0.64 0.00	27.65 1.12 0.00	24.88 1.03 0.00	21.26 0.84 0.00	23.59 0.77 0.00	23.79 0.73 0.00	21.58 0.66 0.00	19.99 0.65 0.00
NEG CENTRAL_HIGH_ACRES 23767	17.12 -0.89 0.00	15.85 -0.79 0.00	15.97 -0.81 0.00	15.16 -0.83 0.00	15.88 -0.96 0.00	16.57 -0.89 0.00	19.41 -0.98 0.00	23.11 -1.30 0.00	18.75 -1.17 1.65	18.11 -1.09 0.53	18.36 -1.16 0.00	16.52 -0.93 3.12	18.43 -1.00 0.19	18.45 -1.10 0.61	18.14 -1.08 0.45	17.83 -1.13 0.56	17.88 -1.14 0.69	21.96 -1.26 3.30	20.91 -1.21 1.73	18.23 -1.03 1.17	19.76 -1.28 1.77	20.18 -1.47 1.43	19.38 -1.35 0.19	18.09 -1.12 0.13
NEG CENTRAL___DRP 24199	17.70 -0.31 0.00	16.41 -0.23 0.00	16.53 -0.25 0.00	15.72 -0.27 0.00	16.51 -0.33 0.00	17.19 -0.27 0.00	20.20 -0.18 0.00	24.18 -0.23 0.00	21.28 -0.29 0.00	19.40 -0.34 0.00	19.11 -0.42 0.00	20.23 -0.34 0.00	19.32 -0.30 0.00	19.78 -0.38 0.00	19.33 -0.35 0.00	19.14 -0.39 0.00	19.30 -0.41 0.00	26.19 -0.33 0.00	23.63 -0.22 0.00	20.22 -0.20 0.00	22.41 -0.40 0.00	22.53 -0.54 0.00	20.42 -0.50 0.00	19.03 -0.31 0.00
NEG CENTRAL___INDECK 23768	17.66 -0.35 0.00	16.41 -0.23 0.00	16.52 -0.26 0.00	15.66 -0.33 0.00	16.51 -0.32 0.00	17.24 -0.22 0.00	20.34 -0.04 0.00	24.33 -0.09 0.00	21.82 -0.24 -0.49	19.54 -0.35 -0.16	19.07 -0.46 0.00	21.20 -0.26 -0.90	19.40 -0.28 -0.05	19.99 -0.35 -0.17	19.45 -0.35 -0.13	19.21 -0.48 -0.16	19.20 -0.70 -0.20	26.91 -0.56 -0.93	24.10 -0.24 -0.49	20.58 -0.17 -0.33	22.88 -0.44 -0.50	22.74 -0.73 -0.40	20.32 -0.65 -0.05	18.93 -0.44 -0.04



NEG CENTRAL___SENECA 23627	17.64 -0.37 0.00	16.36 -0.28 0.00	16.49 -0.29 0.00	15.66 -0.33 0.00	16.46 -0.37 0.00	17.17 -0.30 0.00	20.21 -0.18 0.00	24.21 -0.21 0.00	21.27 -0.30 0.00	19.38 -0.36 0.00	19.07 -0.45 0.00	20.21 -0.36 0.00	19.30 -0.32 0.00	19.75 -0.41 0.00	19.30 -0.37 0.00	19.08 -0.44 0.00	19.22 -0.49 0.00	26.14 -0.39 0.00	23.60 -0.26 0.00	20.18 -0.24 0.00	22.35 -0.46 0.00	22.41 -0.66 0.00	20.32 -0.60 0.00	18.93 -0.41 0.00
NEG CENTRAL___STATE_STREET 24147	17.91 -0.10 0.00	16.60 -0.04 0.00	16.70 -0.08 0.00	15.93 -0.05 0.00	16.70 -0.13 0.00	17.37 -0.09 0.00	20.41 0.02 0.00	24.32 -0.09 0.00	21.48 -0.09 0.00	19.61 -0.13 0.00	19.30 -0.23 0.00	20.43 -0.14 0.00	19.50 -0.12 0.00	19.93 -0.23 0.00	19.52 -0.16 0.00	19.36 -0.17 0.00	19.59 -0.11 0.00	26.47 -0.06 0.00	23.85 0.00 0.00	20.47 0.04 0.00	22.65 -0.16 0.00	22.87 -0.20 0.00	20.73 -0.19 0.00	19.32 -0.02 0.00
NEG MILLWOOD___DRP 24198	18.53 0.52 0.00	17.17 0.53 0.00	17.30 0.52 0.00	16.40 0.41 0.00	17.29 0.45 0.00	18.00 0.54 0.00	21.10 0.72 0.00	25.53 1.12 0.00	22.62 1.05 0.00	20.65 0.92 0.00	20.40 0.87 0.00	21.34 0.77 0.00	20.42 0.79 0.00	21.03 0.87 0.00	20.53 0.86 0.00	20.46 0.93 0.00	20.70 0.99 0.00	28.16 1.63 0.00	25.46 1.61 0.00	21.70 1.28 0.00	24.03 1.21 0.00	24.29 1.22 0.00	21.95 1.04 0.00	20.35 1.01 0.00
NEG NORTH_FLCN_SEA 23793	18.95 0.94 0.00	17.39 0.75 0.00	17.52 0.74 0.00	16.67 0.68 0.00	17.52 0.68 0.00	18.13 0.66 0.00	21.10 0.71 0.00	25.25 0.84 0.00	22.23 0.66 0.00	20.20 0.46 0.00	20.03 0.50 0.00	21.17 0.59 0.00	20.13 0.51 0.00	20.65 0.49 0.00	20.11 0.44 0.00	19.90 0.37 0.00	19.97 0.26 0.00	26.17 -0.35 0.00	23.34 -0.51 0.00	20.12 -0.31 0.00	22.54 -0.28 0.00	22.77 -0.30 0.00	20.44 -0.48 0.00	15.25 -0.79 3.30
NEG NORTH_KES_CHATEGAY 23792	18.75 0.74 0.00	17.18 0.54 0.00	17.32 0.54 0.00	16.52 0.53 0.00	17.41 0.58 0.00	18.06 0.60 0.00	21.02 0.63 0.00	25.10 0.69 0.00	22.13 0.57 0.00	20.14 0.41 0.00	19.94 0.42 0.00	21.11 0.54 0.00	20.08 0.46 0.00	20.57 0.41 0.00	20.02 0.35 0.00	19.80 0.27 0.00	19.89 0.18 0.00	26.29 -0.24 0.00	23.42 -0.43 0.00	20.10 -0.32 0.00	22.53 -0.28 0.00	22.76 -0.30 0.00	20.46 -0.46 0.00	15.04 -0.78 3.51
NEG NORTH___ALICE_FALLS 23915	18.97 0.97 0.00	17.40 0.76 0.00	17.53 0.75 0.00	16.69 0.70 0.00	17.56 0.73 0.00	18.20 0.74 0.00	21.22 0.83 0.00	25.40 0.98 0.00	22.37 0.79 0.00	20.32 0.59 0.00	20.12 0.59 0.00	21.29 0.72 0.00	20.23 0.61 0.00	20.73 0.57 0.00	20.20 0.53 0.00	19.98 0.45 0.00	20.07 0.36 0.00	26.42 -0.10 0.00	23.58 -0.27 0.00	20.28 -0.14 0.00	22.70 -0.11 0.00	22.92 -0.15 0.00	20.57 -0.35 0.00	15.32 -0.68 3.33
NEG NORTH___LWR_SARANAC 23913	18.97 0.97 0.00	17.40 0.76 0.00	17.53 0.75 0.00	16.69 0.70 0.00	17.56 0.73 0.00	18.20 0.74 0.00	21.22 0.83 0.00	25.40 0.98 0.00	22.37 0.79 0.00	20.32 0.59 0.00	20.12 0.59 0.00	21.29 0.72 0.00	20.23 0.61 0.00	20.73 0.57 0.00	20.20 0.53 0.00	19.98 0.45 0.00	20.07 0.36 0.00	26.42 -0.10 0.00	23.58 -0.27 0.00	20.28 -0.14 0.00	22.70 -0.11 0.00	22.92 -0.15 0.00	20.57 -0.35 0.00	15.32 -0.68 3.33
NEG NORTH___PLATTSBURG 23628	18.97 0.97 0.00	17.40 0.76 0.00	17.53 0.75 0.00	16.69 0.70 0.00	17.56 0.73 0.00	18.20 0.74 0.00	21.22 0.83 0.00	25.39 0.98 0.00	22.37 0.80 0.00	20.32 0.59 0.00	20.12 0.59 0.00	21.29 0.71 0.00	20.23 0.61 0.00	20.73 0.57 0.00	20.20 0.53 0.00	19.98 0.45 0.00	20.07 0.36 0.00	26.42 -0.10 0.00	23.58 -0.27 0.00	20.28 -0.14 0.00	22.70 -0.11 0.00	22.92 -0.15 0.00	20.57 -0.35 0.00	15.32 -0.68 3.33
NEG WEST_LEA_LOCKPORT 23791	16.85 -1.16 0.00	15.65 -0.99 0.00	15.77 -1.01 0.00	14.89 -1.10 0.00	15.53 -1.31 0.00	16.32 -1.14 0.00	18.95 -1.44 0.00	22.35 -2.06 0.00	19.83 -1.74 0.00	18.27 -1.47 0.00	17.94 -1.59 0.00	19.52 -1.05 0.00	18.32 -1.30 0.00	18.71 -1.44 0.00	18.24 -1.44 0.00	17.92 -1.60 0.00	18.03 -1.68 0.00	24.63 -1.90 0.00	21.86 -1.99 0.00	18.73 -1.69 0.00	20.83 -1.99 0.00	20.82 -2.25 0.00	18.83 -2.09 0.00	17.62 -1.72 0.00
NEG WEST___LANCASTR 23811	17.52 -0.49 0.00	16.25 -0.40 0.00	16.39 -0.38 0.00	15.49 -0.50 0.00	16.20 -0.64 0.00	16.97 -0.49 0.00	19.79 -0.59 0.00	23.29 -1.12 0.00	20.79 -0.78 0.00	19.19 -0.55 0.00	18.88 -0.65 0.00	20.58 0.01 0.00	19.40 -0.21 0.00	19.86 -0.30 0.00	19.34 -0.33 0.00	19.04 -0.49 0.00	19.07 -0.65 0.00	25.99 -0.53 0.00	23.11 -0.74 0.00	19.75 -0.68 0.00	21.96 -0.85 0.00	21.99 -1.07 0.00	19.94 -0.98 0.00	18.66 -0.67 0.00
NEG_PENN_ALLEGHNY 23528	17.74 -0.27 0.00	16.43 -0.21 0.00	16.59 -0.19 0.00	15.75 -0.24 0.00	16.57 -0.27 0.00	17.22 -0.24 0.00	20.20 -0.19 0.00	24.30 -0.11 0.00	23.41 -0.12 -1.96	20.21 -0.16 -0.63	19.42 -0.11 0.00	24.39 -0.09 -3.91	19.83 -0.03 -0.24	20.86 -0.06 -0.77	20.19 -0.04 -0.57	20.16 -0.07 -0.70	20.45 -0.12 -0.86	30.70 0.04 -4.13	26.12 0.11 -2.16	21.91 0.03 -1.46	24.92 -0.11 -2.21	24.66 -0.19 -1.79	20.99 -0.16 -0.23	19.46 -0.04 -0.16
NEG___GEN_MONROE 24207	17.42 -0.59 0.00	16.14 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.71 0.00	16.88 -0.58 0.00	19.72 -0.66 0.00	23.36 -1.05 0.00	20.62 -0.95 0.00	18.88 -0.85 0.00	18.59 -0.94 0.00	19.98 -0.59 0.00	18.89 -0.73 0.00	19.33 -0.82 0.00	18.86 -0.82 0.00	18.61 -0.92 0.00	18.77 -0.94 0.00	25.63 -0.89 0.00	22.90 -0.95 0.00	19.63 -0.79 0.00	21.81 -1.01 0.00	21.86 -1.21 0.00	19.77 -1.15 0.00	18.44 -0.90 0.00
NEPA___ENERGY 23901	16.89 -1.12 0.00	15.66 -0.98 0.00	15.90 -0.88 0.00	14.99 -0.99 0.00	15.68 -1.15 0.00	16.48 -0.98 0.00	19.26 -1.13 0.00	22.81 -1.61 0.00	20.30 -1.27 0.00	18.66 -1.07 0.00	18.45 -1.08 0.00	19.88 -0.69 0.00	18.87 -0.75 0.00	19.24 -0.92 0.00	18.75 -0.92 0.00	18.38 -1.15 0.00	18.37 -1.34 0.00	25.14 -1.39 0.00	22.56 -1.29 0.00	19.13 -1.29 0.00	21.25 -1.57 0.00	21.30 -1.77 0.00	19.32 -1.59 0.00	18.07 -1.26 0.00
NEVERSink___HYD 23608	18.32 0.31 0.00	16.95 0.31 0.00	17.09 0.30 0.00	16.21 0.22 0.00	17.09 0.25 0.00	17.80 0.34 0.00	20.85 0.46 0.00	25.21 0.79 0.00	22.46 0.89 0.00	20.57 0.84 0.00	20.24 0.72 0.00	21.14 0.57 0.00	19.65 0.03 0.00	20.10 -0.06 0.00	19.67 0.00 0.00	19.65 0.12 0.00	19.99 0.28 0.00	27.24 0.71 0.00	24.65 0.80 0.00	21.10 0.68 0.00	23.99 1.18 0.00	24.22 1.15 0.00	21.83 0.91 0.00	20.25 0.92 0.00
NEWKRMKL_115KV_TB1 55635	18.40 0.39 0.00	17.09 0.45 0.00	17.22 0.44 0.00	16.34 0.35 0.00	17.19 0.36 0.00	17.84 0.38 0.00	20.81 0.42 0.00	25.08 0.67 0.00	22.13 0.56 0.00	20.19 0.46 0.00	19.98 0.45 0.00	20.98 0.41 0.00	20.02 0.40 0.00	20.62 0.46 0.00	20.09 0.42 0.00	20.01 0.48 0.00	20.29 0.58 0.00	27.50 0.97 0.00	24.76 0.91 0.00	21.13 0.71 0.00	23.45 0.64 0.00	23.74 0.67 0.00	21.55 0.63 0.00	19.96 0.63 0.00

NEWTON___FALLS_HYD 23847	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.04 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.34 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.75 0.00	23.14 -0.70 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.52 -0.40 0.00	19.05 -0.63 -0.34
NGRID_A1_DSASP 323792	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.62 -1.76 0.00	21.72 -2.69 0.00	14.87 -2.14 4.56	16.38 -1.88 1.48	17.52 -2.01 0.00	10.64 -1.25 8.68	17.47 -1.63 0.52	16.69 -1.76 1.70	16.67 -1.74 1.26	16.02 -1.95 1.55	15.80 -1.99 1.91	15.08 -2.29 9.16	16.73 -2.32 4.80	15.28 -1.91 3.23	15.72 -2.19 4.91	16.60 -2.51 3.96	18.06 -2.35 0.51	17.00 -1.98 0.36
NGRID_A2_DSASP 323793	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.62 -1.76 0.00	21.72 -2.69 0.00	14.87 -2.14 4.56	16.38 -1.88 1.48	17.52 -2.01 0.00	10.64 -1.25 8.68	17.47 -1.63 0.52	16.69 -1.76 1.70	16.67 -1.74 1.26	16.02 -1.95 1.55	15.80 -1.99 1.91	15.08 -2.29 9.16	16.73 -2.32 4.80	15.28 -1.91 3.23	15.72 -2.19 4.91	16.60 -2.51 3.96	18.06 -2.35 0.51	17.00 -1.98 0.36
NGRID_A4_DSASP 323807	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.62 -1.76 0.00	21.72 -2.69 0.00	14.87 -2.14 4.56	16.38 -1.88 1.48	17.52 -2.01 0.00	10.64 -1.25 8.68	17.47 -1.63 0.52	16.69 -1.76 1.70	16.67 -1.74 1.26	16.02 -1.95 1.55	15.80 -1.99 1.91	15.08 -2.29 9.16	16.73 -2.32 4.80	15.28 -1.91 3.23	15.72 -2.19 4.91	16.60 -2.51 3.96	18.06 -2.35 0.51	17.00 -1.98 0.36
NIAGARA_115E_LBMP 323715	16.61 -1.40 0.00	15.46 -1.18 0.00	15.57 -1.21 0.00	14.69 -1.29 0.00	15.32 -1.51 0.00	16.09 -1.37 0.00	18.61 -1.78 0.00	21.79 -2.62 0.00	14.94 -2.17 4.47	16.46 -1.82 1.44	17.59 -1.93 0.00	10.65 -1.41 8.51	17.48 -1.63 0.51	16.71 -1.77 1.68	16.67 -1.75 1.24	16.15 -1.84 1.54	15.89 -1.92 1.89	15.15 -2.31 9.06	16.69 -2.41 4.75	15.23 -2.00 3.20	15.62 -2.33 4.86	16.56 -2.59 3.92	18.01 -2.40 0.51	16.98 -2.00 0.36
NIAGARA_115W_LBMP 323714	16.60 -1.41 0.00	15.39 -1.25 0.00	15.49 -1.29 0.00	14.63 -1.36 0.00	15.24 -1.59 0.00	16.01 -1.46 0.00	18.58 -1.80 0.00	21.68 -2.74 0.00	14.84 -2.18 4.55	16.34 -1.92 1.48	17.48 -2.05 0.00	10.61 -1.29 8.67	17.43 -1.67 0.52	16.65 -1.80 1.70	16.64 -1.78 1.25	15.98 -1.99 1.55	15.77 -2.03 1.91	15.05 -2.33 9.15	16.69 -2.37 4.79	15.26 -1.94 3.23	15.69 -2.22 4.90	16.57 -2.55 3.95	18.02 -2.39 0.51	16.97 -2.01 0.36
NIAGARA_230_LBMP 323716	16.73 -1.28 0.00	15.52 -1.12 0.00	15.63 -1.15 0.00	14.76 -1.23 0.00	15.39 -1.45 0.00	16.15 -1.32 0.00	18.76 -1.63 0.00	22.00 -2.42 0.00	15.10 -1.96 4.52	16.62 -1.65 1.46	17.77 -1.76 0.00	10.79 -1.18 8.60	17.69 -1.42 0.52	16.92 -1.55 1.69	16.87 -1.56 1.24	16.29 -1.71 1.53	15.98 -1.84 1.89	15.34 -2.15 9.03	16.90 -2.21 4.73	15.39 -1.85 3.19	15.83 -2.14 4.84	16.77 -2.39 3.90	18.24 -2.18 0.50	17.16 -1.82 0.36
NIAGARA___115KV_198_GIBSON 55903	16.60 -1.41 0.00	15.39 -1.25 0.00	15.49 -1.29 0.00	14.63 -1.36 0.00	15.24 -1.59 0.00	16.00 -1.46 0.00	18.59 -1.80 0.00	21.68 -2.74 0.00	19.35 -2.22 0.00	17.81 -1.93 0.00	17.48 -2.05 0.00	19.26 -1.31 0.00	17.94 -1.68 0.00	18.33 -1.83 0.00	17.89 -1.78 0.00	17.51 -2.02 0.00	17.64 -2.07 0.00	24.18 -2.35 0.00	21.47 -2.38 0.00	18.44 -1.98 0.00	20.57 -2.25 0.00	20.50 -2.57 0.00	18.50 -2.42 0.00	17.32 -2.01 0.00
NIAGARA____ 23760	16.73 -1.28 0.00	15.52 -1.12 0.00	15.63 -1.15 0.00	14.76 -1.23 0.00	15.39 -1.45 0.00	16.15 -1.32 0.00	18.76 -1.63 0.00	22.00 -2.42 0.00	15.11 -1.96 4.50	16.62 -1.65 1.46	17.77 -1.76 0.00	10.81 -1.18 8.57	17.69 -1.42 0.52	16.92 -1.55 1.69	16.87 -1.56 1.24	16.29 -1.71 1.54	15.98 -1.84 1.89	15.32 -2.15 9.05	16.89 -2.21 4.75	15.39 -1.85 3.19	15.82 -2.14 4.85	16.77 -2.39 3.91	18.23 -2.18 0.51	17.15 -1.82 0.36
NINE_MILE_1 23575	17.54 -0.47 0.00	16.23 -0.41 0.00	16.36 -0.42 0.00	15.57 -0.42 0.00	16.34 -0.50 0.00	16.91 -0.56 0.00	19.76 -0.62 0.00	23.65 -0.76 0.00	20.85 -0.72 0.00	19.06 -0.67 0.00	18.87 -0.66 0.00	19.92 -0.65 0.00	19.01 -0.61 0.00	19.50 -0.66 0.00	19.04 -0.63 0.00	18.88 -0.64 0.00	19.07 -0.65 0.00	25.74 -0.78 0.00	23.13 -0.72 0.00	19.81 -0.61 0.00	22.06 -0.76 0.00	22.26 -0.81 0.00	20.21 -0.71 0.00	18.86 -0.48 0.00
NINE_MILE_2 23744	17.54 -0.47 0.00	16.23 -0.41 0.00	16.37 -0.42 0.00	15.58 -0.41 0.00	16.34 -0.50 0.00	16.91 -0.56 0.00	19.77 -0.61 0.00	23.66 -0.76 0.00	20.85 -0.71 0.00	19.06 -0.67 0.00	18.87 -0.65 0.00	19.92 -0.65 0.00	19.01 -0.61 0.00	19.50 -0.66 0.00	19.04 -0.63 0.00	18.89 -0.64 0.00	19.07 -0.65 0.00	25.74 -0.78 0.00	23.13 -0.71 0.00	19.81 -0.61 0.00	22.06 -0.76 0.00	22.26 -0.80 0.00	20.21 -0.71 0.00	18.87 -0.47 0.00
NM_CAPITAL___DRP 24208	18.34 0.33 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.29 0.30 0.00	17.14 0.30 0.00	17.78 0.32 0.00	20.72 0.33 0.00	24.97 0.55 0.00	22.03 0.46 0.00	20.10 0.37 0.00	19.89 0.36 0.00	20.88 0.31 0.00	19.93 0.31 0.00	20.53 0.37 0.00	19.99 0.32 0.00	19.91 0.39 0.00	20.19 0.48 0.00	27.36 0.84 0.00	24.64 0.79 0.00	21.03 0.61 0.00	23.34 0.53 0.00	23.64 0.57 0.00	21.47 0.55 0.00	19.90 0.56 0.00
NM_CENTRAL___DRP 24181	17.75 -0.26 0.00	16.43 -0.22 0.00	16.56 -0.22 0.00	15.74 -0.24 0.00	16.52 -0.32 0.00	17.13 -0.33 0.00	20.06 -0.33 0.00	24.02 -0.40 0.00	21.17 -0.40 0.00	19.35 -0.38 0.00	19.14 -0.39 0.00	20.22 -0.35 0.00	19.30 -0.33 0.00	19.80 -0.36 0.00	19.33 -0.35 0.00	19.16 -0.37 0.00	19.33 -0.38 0.00	26.14 -0.39 0.00	23.51 -0.34 0.00	20.11 -0.31 0.00	22.40 -0.41 0.00	22.61 -0.46 0.00	20.50 -0.42 0.00	19.12 -0.21 0.00
NM_FRONTIER___DRP 24179	16.60 -1.41 0.00	15.39 -1.25 0.00	15.49 -1.29 0.00	14.63 -1.36 0.00	15.24 -1.59 0.00	16.00 -1.46 0.00	18.59 -1.80 0.00	21.68 -2.74 0.00	19.35 -2.22 0.00	17.81 -1.93 0.00	17.48 -2.05 0.00	19.26 -1.31 0.00	17.94 -1.68 0.00	18.33 -1.83 0.00	17.89 -1.78 0.00	17.51 -2.02 0.00	17.64 -2.07 0.00	24.18 -2.35 0.00	21.47 -2.38 0.00	18.44 -1.98 0.00	20.57 -2.25 0.00	20.50 -2.57 0.00	18.50 -2.42 0.00	17.32 -2.01 0.00
NM_ST_REGIS___HYD 24053	18.51 0.50 0.00	16.94 0.30 0.00	17.05 0.27 0.00	16.33 0.35 0.00	17.34 0.51 0.00	17.98 0.52 0.00	20.90 0.51 0.00	24.92 0.51 0.00	21.91 0.34 0.00	20.09 0.36 0.00	19.85 0.32 0.00	20.99 0.42 0.00	19.89 0.26 0.00	20.40 0.24 0.00	19.88 0.20 0.00	19.56 0.04 0.00	19.63 -0.08 0.00	26.17 -0.36 0.00	23.42 -0.43 0.00	20.12 -0.30 0.00	22.81 0.00 0.00	23.07 0.01 0.00	20.96 0.04 0.00	19.84 -0.36 -0.87

NORTHPORT___1 23551	18.67 0.66 0.00	17.26 0.62 0.00	17.37 0.59 0.00	16.46 0.47 0.00	17.35 0.51 0.00	18.03 0.56 0.00	20.92 0.53 0.00	25.14 0.73 0.00	22.33 0.76 0.00	20.54 0.80 0.00	20.39 0.86 0.00	21.24 0.67 0.00	20.36 0.74 0.00	21.03 0.87 0.00	20.52 0.85 0.00	20.40 0.87 0.00	20.53 0.82 0.00	28.03 1.51 0.00	25.33 1.48 0.00	21.50 1.08 0.00	23.93 1.11 0.00	24.10 1.04 0.00	21.82 0.90 0.00	20.35 1.01 0.00
NORTHPORT___2 23552	18.67 0.66 0.00	17.26 0.62 0.00	17.37 0.59 0.00	16.46 0.47 0.00	17.35 0.51 0.00	18.03 0.56 0.00	20.92 0.53 0.00	25.14 0.73 0.00	22.33 0.76 0.00	20.54 0.80 0.00	20.39 0.86 0.00	21.24 0.67 0.00	20.36 0.74 0.00	21.03 0.87 0.00	20.52 0.85 0.00	20.40 0.87 0.00	20.53 0.82 0.00	28.03 1.51 0.00	25.33 1.48 0.00	21.50 1.08 0.00	23.93 1.11 0.00	24.10 1.04 0.00	21.82 0.90 0.00	20.35 1.01 0.00
NORTHPORT___3 23553	18.68 0.67 0.00	17.27 0.63 0.00	17.38 0.60 0.00	16.46 0.47 0.00	17.35 0.51 0.00	18.07 0.61 0.00	21.08 0.69 0.00	25.41 0.99 0.00	22.56 0.99 0.00	20.70 0.97 0.00	20.48 0.95 0.00	21.34 0.76 0.00	20.45 0.83 0.00	21.13 0.97 0.00	20.64 0.97 0.00	20.55 1.02 0.00	20.73 1.02 0.00	28.28 1.75 0.00	25.56 1.71 0.00	21.74 1.32 0.00	24.14 1.33 0.00	24.35 1.28 0.00	22.00 1.08 0.00	20.43 1.09 0.00
NORTHPORT___4 23650	18.68 0.67 0.00	17.27 0.63 0.00	17.38 0.60 0.00	16.46 0.47 0.00	17.35 0.51 0.00	18.07 0.61 0.00	21.08 0.69 0.00	25.41 0.99 0.00	22.56 0.99 0.00	20.70 0.97 0.00	20.48 0.95 0.00	21.34 0.76 0.00	20.45 0.83 0.00	21.13 0.97 0.00	20.64 0.97 0.00	20.55 1.02 0.00	20.73 1.02 0.00	28.28 1.75 0.00	25.56 1.71 0.00	21.74 1.32 0.00	24.14 1.33 0.00	24.35 1.28 0.00	22.00 1.08 0.00	20.43 1.09 0.00
NORTHPORT___IC 23718	18.67 0.66 0.00	17.26 0.63 0.00	17.37 0.60 0.00	16.46 0.47 0.00	17.35 0.51 0.00	18.03 0.56 0.00	20.92 0.53 0.00	25.14 0.73 0.00	22.33 0.76 0.00	20.54 0.81 0.00	20.39 0.86 0.00	21.24 0.67 0.00	20.37 0.75 0.00	21.03 0.87 0.00	20.53 0.85 0.00	20.41 0.88 0.00	20.54 0.83 0.00	28.04 1.51 0.00	25.33 1.48 0.00	21.50 1.08 0.00	23.93 1.11 0.00	24.10 1.04 0.00	21.82 0.91 0.00	20.35 1.01 0.00
NORTH___COUNTRY_ESR 323785	18.69 0.68 0.00	17.13 0.49 0.00	17.26 0.48 0.00	16.47 0.48 0.00	17.36 0.53 0.00	18.01 0.55 0.00	20.95 0.56 0.00	25.01 0.60 0.00	22.07 0.50 0.00	20.09 0.36 0.00	19.91 0.38 0.00	21.05 0.48 0.00	20.02 0.40 0.00	20.52 0.36 0.00	20.00 0.33 0.00	19.77 0.24 0.00	19.84 0.13 0.00	26.19 -0.34 0.00	23.32 -0.53 0.00	20.01 -0.41 0.00	22.44 -0.38 0.00	22.67 -0.39 0.00	20.38 -0.54 0.00	14.95 -0.87 3.52
NPX_GEN_1385_PROXY 323591	18.67 0.66 0.00	17.26 0.62 0.00	17.37 0.59 0.00	16.46 0.47 0.00	17.34 0.51 0.00	17.97 0.51 0.00	21.85 0.34 -1.12	24.85 0.43 0.00	22.07 0.50 0.00	20.33 0.60 0.00	20.14 0.61 0.00	21.16 0.59 0.00	20.28 0.66 0.00	20.92 0.76 0.00	20.23 0.55 0.00	20.07 0.55 0.00	20.21 0.50 0.00	27.79 1.26 0.00	25.06 1.22 0.00	21.15 0.73 0.00	23.77 0.96 0.00	23.76 0.69 0.00	21.58 0.66 0.00	21.27 0.93 -0.99
NPX_GEN_CSC 323557	18.78 0.77 0.00	17.35 0.71 0.00	17.46 0.68 0.00	16.54 0.55 0.00	17.44 0.61 0.00	18.16 0.70 0.00	22.07 0.57 -1.12	25.15 0.73 0.00	22.34 0.77 0.00	20.57 0.83 0.00	20.32 0.80 0.00	21.09 0.52 0.00	20.20 0.58 0.00	20.86 0.70 0.00	20.39 0.71 0.00	20.29 0.76 0.00	20.45 0.74 0.00	28.13 1.60 0.00	25.42 1.56 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.14 1.07 0.00	21.81 0.89 0.00	21.29 0.96 -0.99
NSINS_S_GLNS_FALLS 23858	18.41 0.40 0.00	17.07 0.43 0.00	17.16 0.38 0.00	16.30 0.31 0.00	17.22 0.38 0.00	17.90 0.43 0.00	20.96 0.57 0.00	25.23 0.82 0.00	22.24 0.67 0.00	20.28 0.55 0.00	20.19 0.66 0.00	21.13 0.56 0.00	20.15 0.53 0.00	20.77 0.61 0.00	20.18 0.51 0.00	20.07 0.54 0.00	20.44 0.74 0.00	27.85 1.33 0.00	25.02 1.17 0.00	21.42 1.00 0.00	23.71 0.90 0.00	23.81 0.74 0.00	21.61 0.70 0.00	20.02 0.68 0.00
NUCOR_STEEL___DRP 24197	17.91 -0.10 0.00	16.60 -0.04 0.00	16.69 -0.09 0.00	15.94 -0.05 0.00	16.70 -0.14 0.00	17.37 -0.10 0.00	20.39 0.01 0.00	24.29 -0.12 0.00	21.47 -0.10 0.00	19.61 -0.13 0.00	19.27 -0.25 0.00	20.43 -0.14 0.00	19.50 -0.12 0.00	19.92 -0.24 0.00	19.51 -0.16 0.00	19.36 -0.16 0.00	19.61 -0.10 0.00	26.46 -0.06 0.00	23.84 -0.01 0.00	20.46 0.04 0.00	22.64 -0.17 0.00	22.87 -0.19 0.00	20.73 -0.18 0.00	19.32 -0.02 0.00
NUMBER_THREE_WT_PWR 323818	18.18 0.17 0.00	16.60 -0.04 0.00	16.77 -0.02 0.00	16.03 0.04 0.00	16.93 0.09 0.00	17.48 0.01 0.00	20.31 -0.07 0.00	24.41 0.00 0.00	21.37 -0.20 0.00	19.54 -0.19 0.00	19.17 -0.35 0.00	20.21 -0.36 0.00	19.16 -0.46 0.00	19.60 -0.56 0.00	19.02 -0.65 0.00	18.83 -0.70 0.00	19.05 -0.66 0.00	25.84 -0.69 0.00	23.20 -0.64 0.00	19.89 -0.54 0.00	22.21 -0.60 0.00	22.42 -0.65 0.00	20.23 -0.69 0.00	18.72 -0.77 -0.15
NYISO_LBMP_REFERENCE 24008	18.01 0.00 0.00	16.64 0.00 0.00	16.78 0.00 0.00	15.99 0.00 0.00	16.84 0.00 0.00	17.46 0.00 0.00	20.39 0.00 0.00	24.42 0.00 0.00	21.57 0.00 0.00	19.73 0.00 0.00	19.53 0.00 0.00	20.57 0.00 0.00	19.62 0.00 0.00	20.16 0.00 0.00	19.67 0.00 0.00	19.53 0.00 0.00	19.71 0.00 0.00	26.53 0.00 0.00	23.85 0.00 0.00	20.42 0.00 0.00	22.81 0.00 0.00	23.07 0.00 0.00	20.92 0.00 0.00	19.34 0.00 0.00
NYPA_BRENTWD___GT 24164	18.83 0.82 0.00	17.40 0.76 0.00	17.52 0.73 0.00	16.60 0.61 0.00	17.50 0.66 0.00	18.21 0.75 0.00	21.20 0.81 0.00	25.48 1.07 0.00	22.65 1.08 0.00	20.81 1.08 0.00	20.60 1.08 0.00	21.45 0.87 0.00	20.54 0.91 0.00	21.23 1.07 0.00	20.76 1.09 0.00	20.66 1.14 0.00	20.84 1.13 0.00	28.48 1.95 0.00	25.74 1.89 0.00	21.86 1.44 0.00	24.29 1.48 0.00	24.45 1.39 0.00	22.10 1.18 0.00	20.57 1.23 0.00
NYPA_GOWANUS___GT5 24156	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00
NYPA_GOWANUS___GT6 24157	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.53 0.96 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.49 0.96 0.00	20.71 1.00 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.27 1.20 0.00	21.90 0.99 0.00	20.31 0.97 0.00

NYPA_HARLEM__RVR__GT1 24160	18.37 0.36 0.00	16.99 0.34 0.00	17.09 0.31 0.00	16.18 0.19 0.00	17.05 0.21 0.00	17.75 0.28 0.00	20.85 0.47 0.00	25.27 0.86 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.59 0.00	20.27 0.64 0.00	20.91 0.75 0.00	20.45 0.77 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.92 1.39 0.00	25.23 1.38 0.00	21.52 1.10 0.00	23.81 1.00 0.00	24.11 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
NYPA_HARLEM__RVR__GT2 24161	18.37 0.36 0.00	16.99 0.34 0.00	17.09 0.31 0.00	16.18 0.19 0.00	17.05 0.21 0.00	17.75 0.28 0.00	20.85 0.47 0.00	25.27 0.86 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.59 0.00	20.27 0.64 0.00	20.91 0.75 0.00	20.45 0.77 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.92 1.39 0.00	25.23 1.38 0.00	21.52 1.10 0.00	23.81 1.00 0.00	24.11 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
NYPA_KENT____GT 24152	18.44 0.43 0.00	17.08 0.44 0.00	17.19 0.40 0.00	16.27 0.28 0.00	17.13 0.30 0.00	17.85 0.38 0.00	20.94 0.56 0.00	25.38 0.96 0.00	22.52 0.94 0.00	20.58 0.85 0.00	20.33 0.80 0.00	21.25 0.68 0.00	20.37 0.75 0.00	21.01 0.84 0.00	20.55 0.88 0.00	20.47 0.94 0.00	20.69 0.97 0.00	28.11 1.58 0.00	25.41 1.56 0.00	21.66 1.24 0.00	23.96 1.15 0.00	24.24 1.18 0.00	21.87 0.96 0.00	20.29 0.95 0.00
NYPA_POUCH1____GT 24155	18.44 0.43 0.00	17.06 0.42 0.00	17.16 0.38 0.00	16.22 0.24 0.00	17.09 0.26 0.00	17.81 0.34 0.00	20.91 0.52 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.78 0.00	20.22 0.72 0.02	21.17 0.60 0.00	20.28 0.66 0.00	20.93 0.77 0.00	20.51 0.84 0.00	20.44 0.91 0.00	20.66 0.95 0.00	28.08 1.55 0.00	25.39 1.54 0.00	21.66 1.24 0.00	23.96 1.15 0.00	24.22 1.16 0.00	21.86 0.94 0.00	20.28 0.94 0.00
NYPA_VERNON____GT2 24162	18.41 0.40 0.00	17.06 0.42 0.00	17.17 0.39 0.00	16.26 0.27 0.00	17.13 0.29 0.00	17.83 0.36 0.00	20.93 0.54 0.00	25.36 0.95 0.00	22.50 0.93 0.00	20.57 0.84 0.00	20.32 0.79 0.00	21.25 0.68 0.00	20.36 0.74 0.00	20.99 0.83 0.00	20.53 0.86 0.00	20.45 0.92 0.00	20.66 0.95 0.00	28.07 1.54 0.00	25.36 1.52 0.00	21.62 1.20 0.00	23.92 1.11 0.00	24.21 1.14 0.00	21.84 0.92 0.00	20.25 0.92 0.00
NYPA_VERNON____GT3 24163	18.41 0.40 0.00	17.06 0.42 0.00	17.17 0.39 0.00	16.26 0.27 0.00	17.13 0.29 0.00	17.83 0.36 0.00	20.93 0.54 0.00	25.36 0.95 0.00	22.50 0.93 0.00	20.57 0.84 0.00	20.32 0.79 0.00	21.25 0.68 0.00	20.36 0.74 0.00	20.99 0.83 0.00	20.53 0.86 0.00	20.45 0.92 0.00	20.66 0.95 0.00	28.07 1.54 0.00	25.36 1.52 0.00	21.62 1.20 0.00	23.92 1.11 0.00	24.21 1.14 0.00	21.84 0.92 0.00	20.25 0.92 0.00
NYPA__ASTORIA_CC1 323568	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.88 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.32 0.70 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.41 0.88 0.00	20.62 0.91 0.00	28.02 1.48 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
NYPA__ASTORIA_CC2 323569	18.37 0.36 0.00	17.04 0.39 0.00	17.14 0.36 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.80 0.33 0.00	20.88 0.50 0.00	25.31 0.89 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.32 0.70 0.00	20.95 0.79 0.00	20.49 0.81 0.00	20.41 0.88 0.00	20.62 0.91 0.00	28.02 1.48 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.21 0.88 0.00
NYPA__HOLTSVILL 23794	18.75 0.74 0.00	17.32 0.69 0.00	17.44 0.66 0.00	16.52 0.53 0.00	17.42 0.58 0.00	18.14 0.67 0.00	21.02 0.63 0.00	25.24 0.82 0.00	22.42 0.85 0.00	20.63 0.90 0.00	20.41 0.88 0.00	21.20 0.63 0.00	20.32 0.69 0.00	20.98 0.82 0.00	20.51 0.84 0.00	20.40 0.88 0.00	20.57 0.85 0.00	28.20 1.67 0.00	25.49 1.64 0.00	21.64 1.22 0.00	24.07 1.26 0.00	24.23 1.16 0.00	21.89 0.97 0.00	20.37 1.03 0.00
NYPA__HELLGATE_GT1 24158	18.37 0.36 0.00	16.99 0.34 0.00	17.09 0.31 0.00	16.18 0.19 0.00	17.05 0.21 0.00	17.75 0.28 0.00	20.85 0.47 0.00	25.27 0.86 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.59 0.00	20.27 0.64 0.00	20.91 0.75 0.00	20.45 0.77 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.25 1.40 0.00	21.54 1.11 0.00	23.82 1.01 0.00	24.11 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
NYPA__HELLGATE_GT2 24159	18.37 0.36 0.00	16.99 0.34 0.00	17.09 0.31 0.00	16.18 0.19 0.00	17.05 0.21 0.00	17.75 0.28 0.00	20.85 0.47 0.00	25.27 0.86 0.00	22.41 0.84 0.00	20.47 0.74 0.00	20.24 0.72 0.00	21.16 0.59 0.00	20.27 0.64 0.00	20.91 0.75 0.00	20.45 0.77 0.00	20.35 0.82 0.00	20.56 0.85 0.00	27.94 1.41 0.00	25.25 1.40 0.00	21.54 1.11 0.00	23.82 1.01 0.00	24.11 1.04 0.00	21.76 0.84 0.00	20.18 0.84 0.00
NYS_BARGE__HYD 23848	16.86 -1.15 0.00	15.67 -0.97 0.00	15.79 -0.99 0.00	14.91 -1.08 0.00	15.55 -1.29 0.00	16.35 -1.11 0.00	18.97 -1.42 0.00	22.33 -2.09 0.00	15.82 -1.73 4.03	16.96 -1.47 1.30	17.92 -1.60 0.00	11.87 -1.03 7.67	17.87 -1.29 0.46	17.21 -1.43 1.52	17.08 -1.45 1.14	16.56 -1.56 1.42	16.34 -1.63 1.74	16.35 -1.85 8.33	17.53 -1.95 4.36	15.86 -1.62 2.94	16.42 -1.93 4.47	17.27 -2.20 3.60	18.41 -2.05 0.46	17.31 -1.70 0.33
OAK ORCHARD__HYD 24046	17.35 -0.67 0.00	16.07 -0.57 0.00	16.18 -0.60 0.00	15.34 -0.65 0.00	16.06 -0.78 0.00	16.78 -0.68 0.00	19.62 -0.77 0.00	23.25 -1.17 0.00	18.34 -1.01 2.22	18.11 -0.90 0.72	18.55 -0.98 0.00	15.70 -0.65 4.22	18.61 -0.76 0.25	18.48 -0.85 0.83	18.20 -0.85 0.61	17.84 -0.93 0.76	17.79 -0.98 0.94	21.03 -1.01 4.48	20.46 -1.04 2.35	17.97 -0.87 1.58	19.32 -1.09 2.40	19.85 -1.28 1.94	19.48 -1.18 0.25	18.20 -0.96 0.18
OAKDALE__35_KV_LOAD 356122	17.75 -0.26 0.00	16.45 -0.19 0.00	16.61 -0.17 0.00	15.77 -0.22 0.00	16.59 -0.25 0.00	17.24 -0.23 0.00	20.20 -0.19 0.00	24.27 -0.14 0.00	21.43 -0.14 0.00	19.56 -0.17 0.00	19.42 -0.11 0.00	20.50 -0.08 0.00	19.59 -0.03 0.00	20.10 -0.06 0.00	19.63 -0.04 0.00	19.46 -0.07 0.00	19.59 -0.12 0.00	26.57 0.04 0.00	23.95 0.10 0.00	20.44 0.02 0.00	22.70 -0.11 0.00	22.89 -0.18 0.00	20.77 -0.15 0.00	19.31 -0.02 0.00
OCC_CHEM__DRP 24175	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.63 -1.76 0.00	21.73 -2.69 0.00	19.40 -2.18 0.00	17.85 -1.89 0.00	17.53 -2.00 0.00	19.31 -1.27 0.00	17.98 -1.64 0.00	18.37 -1.79 0.00	17.93 -1.74 0.00	17.55 -1.98 0.00	17.68 -2.03 0.00	24.22 -2.31 0.00	21.51 -2.34 0.00	18.47 -1.95 0.00	20.60 -2.21 0.00	20.54 -2.53 0.00	18.54 -2.38 0.00	17.36 -1.98 0.00

OH_GEN_PROXY 24063	16.75 -1.26 0.00	15.54 -1.10 0.00	15.65 -1.13 0.00	14.78 -1.21 0.00	15.41 -1.42 0.00	16.18 -1.28 0.00	19.93 -1.58 -1.12	22.08 -2.33 0.00	14.95 -1.89 4.73	16.60 -1.60 1.53	17.83 -1.70 0.00	10.41 -1.14 9.01	17.73 -1.35 0.54	16.91 -1.48 1.77	16.88 -1.49 1.30	16.28 -1.64 1.61	15.95 -1.78 1.98	14.97 -2.08 9.48	16.75 -2.14 4.97	15.30 -1.79 3.34	15.66 -2.07 5.08	16.66 -2.31 4.09	18.29 -2.10 0.53	18.19 -1.77 -0.62
OLIN_CORP_DRP 24177	16.65 -1.37 0.00	15.48 -1.16 0.00	15.59 -1.19 0.00	14.72 -1.27 0.00	15.34 -1.49 0.00	16.12 -1.34 0.00	18.65 -1.74 0.00	21.85 -2.57 0.00	19.42 -2.15 0.00	17.95 -1.78 0.00	17.64 -1.89 0.00	19.18 -1.39 0.00	18.02 -1.60 0.00	18.41 -1.75 0.00	17.97 -1.70 0.00	17.68 -1.84 0.00	17.78 -1.92 0.00	24.24 -2.29 0.00	21.47 -2.38 0.00	18.43 -2.00 0.00	20.49 -2.32 0.00	20.50 -2.57 0.00	18.54 -2.38 0.00	17.37 -1.97 0.00
OLIN_CORP_DSASP 323712	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.62 -1.76 0.00	21.72 -2.69 0.00	14.87 -2.14 4.56	16.38 -1.88 1.48	17.52 -2.01 0.00	10.64 -1.25 8.68	17.47 -1.63 0.52	16.69 -1.76 1.70	16.67 -1.74 1.26	16.02 -1.95 1.55	15.80 -1.99 1.91	15.08 -2.29 9.16	16.73 -2.32 4.80	15.28 -1.91 3.23	15.72 -2.19 4.91	16.60 -2.51 3.96	18.06 -2.35 0.51	17.00 -1.98 0.36
ONEIDA_HERK_LFGE 323681	18.28 0.27 0.00	16.81 0.17 0.00	16.96 0.18 0.00	16.17 0.18 0.00	17.04 0.20 0.00	17.66 0.20 0.00	20.63 0.24 0.00	24.78 0.36 0.00	21.76 0.19 0.00	19.88 0.15 0.00	19.57 0.04 0.00	20.61 0.04 0.00	19.63 0.00 0.00	20.14 -0.02 0.00	19.60 -0.08 0.00	19.43 -0.10 0.00	19.69 -0.02 0.00	26.70 0.17 0.00	24.01 0.16 0.00	20.55 0.12 0.00	22.90 0.09 0.00	23.13 0.06 0.00	20.91 -0.01 0.00	19.36 -0.05 -0.07
ONEIDA___115KV_TB4 55905	18.33 0.32 0.00	16.92 0.28 0.00	17.07 0.29 0.00	16.24 0.25 0.00	17.07 0.24 0.00	17.75 0.29 0.00	20.80 0.41 0.00	24.94 0.53 0.00	21.89 0.32 0.00	19.97 0.23 0.00	19.70 0.17 0.00	20.75 0.18 0.00	19.81 0.18 0.00	20.36 0.20 0.00	19.84 0.17 0.00	19.68 0.16 0.00	19.93 0.22 0.00	27.11 0.59 0.00	24.43 0.58 0.00	20.88 0.45 0.00	23.24 0.43 0.00	23.45 0.38 0.00	21.23 0.31 0.00	19.67 0.33 0.00
ONONDAGA_REF_OCCRA 23987	17.86 -0.16 0.00	16.52 -0.12 0.00	16.66 -0.12 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.25 -0.22 0.00	20.21 -0.18 0.00	24.20 -0.22 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.25 -0.27 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.91 -0.25 0.00	19.44 -0.24 0.00	19.28 -0.25 0.00	19.45 -0.26 0.00	26.35 -0.18 0.00	23.71 -0.13 0.00	20.29 -0.13 0.00	22.58 -0.23 0.00	22.78 -0.29 0.00	20.65 -0.27 0.00	19.24 -0.09 0.00
ONONDAGA___COGEN 23986	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
ONTARIO___LFGE 23819	17.64 -0.37 0.00	16.36 -0.28 0.00	16.49 -0.29 0.00	15.66 -0.33 0.00	16.46 -0.37 0.00	17.17 -0.30 0.00	20.21 -0.18 0.00	24.21 -0.21 0.00	21.27 -0.30 0.00	19.38 -0.35 0.00	19.07 -0.45 0.00	20.22 -0.35 0.00	19.30 -0.32 0.00	19.75 -0.40 0.00	19.30 -0.37 0.00	19.09 -0.43 0.00	19.22 -0.48 0.00	26.13 -0.39 0.00	23.59 -0.26 0.00	20.18 -0.24 0.00	22.35 -0.46 0.00	22.41 -0.66 0.00	20.32 -0.59 0.00	18.93 -0.41 0.00
ORANGEVILLE_WT_PWR 323706	16.73 -1.29 0.00	15.54 -1.10 0.00	15.65 -1.13 0.00	14.78 -1.21 0.00	15.43 -1.41 0.00	16.25 -1.21 0.00	18.92 -1.47 0.00	22.28 -2.13 0.00	15.01 -1.57 4.99	16.83 -1.28 1.61	18.17 -1.36 0.00	10.31 -0.75 9.51	18.05 -1.00 0.57	17.15 -1.15 1.86	17.10 -1.21 1.36	16.48 -1.36 1.69	16.13 -1.51 2.07	14.95 -1.64 9.93	16.90 -1.75 5.20	15.29 -1.63 3.50	15.49 -2.00 5.33	16.44 -2.34 4.29	18.21 -2.15 0.55	17.10 -1.84 0.39
ORANGEVILLE___ESR 323794	16.73 -1.29 0.00	15.54 -1.10 0.00	15.65 -1.13 0.00	14.78 -1.21 0.00	15.43 -1.41 0.00	16.25 -1.21 0.00	18.92 -1.47 0.00	22.28 -2.13 0.00	15.01 -1.57 4.99	16.83 -1.28 1.61	18.17 -1.36 0.00	10.31 -0.75 9.51	18.05 -1.00 0.57	17.15 -1.15 1.86	17.10 -1.21 1.36	16.48 -1.36 1.69	16.13 -1.51 2.07	14.95 -1.64 9.93	16.90 -1.75 5.20	15.29 -1.63 3.50	15.49 -2.00 5.33	16.44 -2.34 4.29	18.21 -2.15 0.55	17.10 -1.84 0.39
OSWEGATCHIE___HYD 24044	18.18 0.17 0.00	16.62 -0.02 0.00	16.76 -0.02 0.00	16.05 0.06 0.00	17.01 0.17 0.00	17.60 0.14 0.00	20.46 0.08 0.00	24.45 0.03 0.00	21.42 -0.15 0.00	19.62 -0.12 0.00	19.29 -0.23 0.00	20.36 -0.21 0.00	19.29 -0.33 0.00	19.77 -0.39 0.00	19.23 -0.44 0.00	18.97 -0.55 0.00	19.12 -0.59 0.00	25.78 -0.74 0.00	23.14 -0.71 0.00	19.88 -0.54 0.00	22.40 -0.42 0.00	22.64 -0.43 0.00	20.51 -0.41 0.00	19.05 -0.63 -0.34
OSWEGO___5 23606	17.61 -0.39 0.00	16.30 -0.34 0.00	16.43 -0.35 0.00	15.64 -0.35 0.00	16.41 -0.43 0.00	17.00 -0.46 0.00	19.88 -0.51 0.00	23.79 -0.62 0.00	21.02 -0.55 0.00	19.21 -0.52 0.00	19.01 -0.52 0.00	20.07 -0.50 0.00	19.15 -0.47 0.00	19.65 -0.51 0.00	19.18 -0.49 0.00	19.03 -0.50 0.00	19.21 -0.50 0.00	25.94 -0.58 0.00	23.32 -0.53 0.00	19.98 -0.45 0.00	22.24 -0.58 0.00	22.44 -0.63 0.00	20.36 -0.56 0.00	18.97 -0.37 0.00
OSWEGO___6 23613	17.61 -0.39 0.00	16.30 -0.34 0.00	16.43 -0.35 0.00	15.64 -0.35 0.00	16.41 -0.43 0.00	17.00 -0.46 0.00	19.88 -0.51 0.00	23.79 -0.62 0.00	21.02 -0.55 0.00	19.21 -0.52 0.00	19.01 -0.52 0.00	20.07 -0.50 0.00	19.15 -0.47 0.00	19.65 -0.51 0.00	19.18 -0.49 0.00	19.03 -0.50 0.00	19.21 -0.50 0.00	25.94 -0.58 0.00	23.32 -0.53 0.00	19.98 -0.45 0.00	22.24 -0.58 0.00	22.44 -0.63 0.00	20.36 -0.56 0.00	18.97 -0.37 0.00
OUTOKUMPU-AB___DRP 24206	16.99 -1.02 0.00	15.77 -0.87 0.00	15.89 -0.89 0.00	15.00 -0.99 0.00	15.65 -1.19 0.00	16.46 -1.01 0.00	19.12 -1.26 0.00	22.43 -1.98 0.00	19.94 -1.63 0.00	18.36 -1.37 0.00	18.07 -1.46 0.00	19.79 -0.79 0.00	18.52 -1.10 0.00	18.93 -1.23 0.00	18.46 -1.22 0.00	18.11 -1.42 0.00	18.21 -1.50 0.00	24.92 -1.61 0.00	22.14 -1.71 0.00	18.97 -1.45 0.00	21.11 -1.71 0.00	21.07 -2.00 0.00	19.03 -1.89 0.00	17.79 -1.55 0.00
OXBOW___BTM 323836	16.81 -1.20 0.00	15.60 -1.04 0.00	15.71 -1.07 0.00	14.83 -1.16 0.00	15.46 -1.37 0.00	16.26 -1.21 0.00	18.88 -1.50 0.00	22.10 -2.32 0.00	15.14 -1.85 4.57	16.65 -1.61 1.48	17.81 -1.72 0.00	10.86 -0.99 8.71	17.75 -1.35 0.53	16.98 -1.47 1.71	16.94 -1.47 1.27	16.31 -1.66 1.57	16.06 -1.72 1.93	15.38 -1.92 9.23	17.02 -1.99 4.84	15.52 -1.64 3.26	15.95 -1.92 4.95	16.85 -2.23 3.99	18.31 -2.09 0.51	17.22 -1.75 0.36

OXBOW____ 24026	16.81 -1.19 0.00	15.60 -1.04 0.00	15.71 -1.07 0.00	14.83 -1.16 0.00	15.46 -1.37 0.00	16.25 -1.21 0.00	18.89 -1.50 0.00	22.10 -2.32 0.00	19.68 -1.89 0.00	18.12 -1.61 0.00	17.81 -1.72 0.00	19.56 -1.02 0.00	18.27 -1.36 0.00	18.66 -1.50 0.00	18.21 -1.47 0.00	17.84 -1.69 0.00	17.95 -1.76 0.00	24.59 -1.94 0.00	21.84 -2.01 0.00	18.74 -1.69 0.00	20.87 -1.95 0.00	20.82 -2.25 0.00	18.79 -2.12 0.00	17.58 -1.76 0.00
OXY_CHEM_DSASP 323612	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.63 -1.76 0.00	21.73 -2.69 0.00	19.40 -2.18 0.00	17.85 -1.89 0.00	17.53 -2.00 0.00	19.31 -1.27 0.00	17.98 -1.64 0.00	18.37 -1.79 0.00	17.93 -1.74 0.00	17.55 -1.98 0.00	17.68 -2.03 0.00	24.22 -2.31 0.00	21.51 -2.34 0.00	18.47 -1.95 0.00	20.60 -2.21 0.00	20.54 -2.53 0.00	18.54 -2.38 0.00	17.36 -1.98 0.00
OZONE_PARK_ESR 323760	18.52 0.51 0.00	17.16 0.52 0.00	17.28 0.50 0.00	16.36 0.37 0.00	17.23 0.39 0.00	17.95 0.48 0.00	21.07 0.68 0.00	25.53 1.12 0.00	22.65 1.09 0.00	20.72 0.98 0.00	20.46 0.93 0.00	21.38 0.81 0.00	20.50 0.87 0.00	21.13 0.96 0.00	20.66 0.99 0.00	20.60 1.07 0.00	20.80 1.09 0.00	28.26 1.73 0.00	25.54 1.69 0.00	21.78 1.35 0.00	24.10 1.29 0.00	24.40 1.33 0.00	22.01 1.10 0.00	20.40 1.07 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.63 -1.76 0.00	21.73 -2.69 0.00	19.40 -2.18 0.00	17.85 -1.89 0.00	17.53 -2.00 0.00	19.31 -1.27 0.00	17.98 -1.64 0.00	18.37 -1.79 0.00	17.93 -1.74 0.00	17.55 -1.98 0.00	17.68 -2.03 0.00	24.22 -2.31 0.00	21.51 -2.34 0.00	18.47 -1.95 0.00	20.60 -2.21 0.00	20.54 -2.53 0.00	18.54 -2.38 0.00	17.36 -1.98 0.00
PACKARD__115KV_DUPONT_184 80571	16.63 -1.38 0.00	15.42 -1.22 0.00	15.52 -1.26 0.00	14.66 -1.33 0.00	15.27 -1.56 0.00	16.04 -1.42 0.00	18.63 -1.76 0.00	21.73 -2.69 0.00	19.40 -2.18 0.00	17.85 -1.89 0.00	17.53 -2.00 0.00	19.31 -1.27 0.00	17.98 -1.64 0.00	18.37 -1.79 0.00	17.93 -1.74 0.00	17.55 -1.98 0.00	17.68 -2.03 0.00	24.22 -2.31 0.00	21.51 -2.34 0.00	18.47 -1.95 0.00	20.60 -2.21 0.00	20.54 -2.53 0.00	18.54 -2.38 0.00	17.36 -1.98 0.00
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	18.36 0.34 0.00	17.01 0.37 0.00	17.11 0.33 0.00	16.20 0.21 0.00	17.07 0.23 0.00	17.77 0.31 0.00	20.88 0.49 0.00	25.29 0.88 0.00	22.44 0.87 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.17 0.60 0.00	20.29 0.66 0.00	20.91 0.75 0.00	20.44 0.77 0.00	20.37 0.84 0.00	20.57 0.86 0.00	27.95 1.43 0.00	25.26 1.41 0.00	21.54 1.12 0.00	23.83 1.02 0.00	24.13 1.06 0.00	21.78 0.86 0.00	20.20 0.86 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	18.45 0.44 0.00	17.19 0.55 0.00	17.17 0.39 0.00	16.27 0.29 0.00	17.17 0.33 0.00	17.90 0.44 0.00	21.07 0.68 0.00	25.58 1.16 0.00	22.64 1.07 0.00	20.65 0.92 0.00	20.37 0.84 0.00	21.32 0.74 0.00	20.41 0.78 0.00	20.98 0.82 0.00	20.52 0.84 0.00	20.44 0.91 0.00	20.65 0.94 0.00	27.99 1.47 0.00	25.34 1.49 0.00	21.65 1.23 0.00	23.94 1.12 0.00	24.22 1.15 0.00	21.84 0.92 0.00	20.26 0.92 0.00
PATROON__115KV_TB1 80586	18.43 0.42 0.00	17.12 0.48 0.00	17.24 0.46 0.00	16.36 0.37 0.00	17.22 0.38 0.00	17.87 0.41 0.00	20.84 0.45 0.00	25.12 0.71 0.00	22.17 0.60 0.00	20.23 0.49 0.00	20.02 0.49 0.00	21.02 0.45 0.00	20.06 0.44 0.00	20.66 0.50 0.00	20.12 0.45 0.00	20.05 0.52 0.00	20.32 0.61 0.00	27.55 1.03 0.00	24.81 0.96 0.00	21.17 0.75 0.00	23.49 0.68 0.00	23.77 0.71 0.00	21.58 0.66 0.00	19.99 0.66 0.00
PATTRSNVILLE__SOLAR 323815	18.43 0.41 0.00	17.05 0.41 0.00	17.19 0.41 0.00	16.34 0.35 0.00	17.22 0.38 0.00	17.88 0.42 0.00	20.90 0.51 0.00	25.10 0.68 0.00	22.14 0.58 0.00	20.22 0.49 0.00	19.99 0.46 0.00	21.02 0.44 0.00	20.01 0.40 0.00	20.59 0.43 0.00	20.11 0.44 0.00	19.94 0.41 0.00	20.24 0.53 0.00	27.43 0.90 0.00	24.71 0.86 0.00	21.13 0.70 0.00	23.50 0.69 0.00	23.71 0.64 0.00	21.49 0.57 0.00	19.88 0.55 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	17.40 -0.61 0.00	16.14 -0.50 0.00	16.28 -0.50 0.00	15.37 -0.61 0.00	16.07 -0.77 0.00	16.86 -0.60 0.00	19.65 -0.74 0.00	23.12 -1.29 0.00	20.62 -0.95 0.00	19.03 -0.70 0.00	18.72 -0.80 0.00	20.40 -0.17 0.00	19.21 -0.41 0.00	19.64 -0.52 0.00	19.14 -0.53 0.00	18.85 -0.68 0.00	18.88 -0.83 0.00	25.77 -0.76 0.00	22.91 -0.94 0.00	19.58 -0.84 0.00	21.77 -1.04 0.00	21.78 -1.29 0.00	19.73 -1.19 0.00	18.46 -0.88 0.00
PAWLING_115_KV_BK3_REV_LBMP_H 345028	18.53 0.52 0.00	17.17 0.53 0.00	17.30 0.52 0.00	16.40 0.41 0.00	17.29 0.45 0.00	18.00 0.54 0.00	21.10 0.72 0.00	25.53 1.12 0.00	22.62 1.05 0.00	20.65 0.92 0.00	20.40 0.87 0.00	21.34 0.77 0.00	20.42 0.79 0.00	21.03 0.87 0.00	20.53 0.86 0.00	20.46 0.93 0.00	20.70 0.99 0.00	28.16 1.63 0.00	25.46 1.61 0.00	21.70 1.28 0.00	24.03 1.21 0.00	24.29 1.22 0.00	21.95 1.04 0.00	20.35 1.01 0.00
PEEKSKILL____ 23653	18.37 0.36 0.00	17.02 0.38 0.00	17.14 0.36 0.00	16.25 0.26 0.00	17.12 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.87 0.00	22.40 0.83 0.00	20.46 0.73 0.00	20.20 0.67 0.00	21.12 0.54 0.00	20.23 0.61 0.00	20.85 0.69 0.00	20.38 0.71 0.00	20.30 0.77 0.00	20.52 0.81 0.00	27.89 1.36 0.00	25.20 1.35 0.00	21.49 1.07 0.00	23.80 0.99 0.00	24.09 1.02 0.00	21.77 0.86 0.00	20.20 0.86 0.00
PGE MADISON__WINDPWR 24146	18.96 0.95 0.00	17.57 0.93 0.00	17.61 0.83 0.00	16.65 0.66 0.00	17.56 0.72 0.00	18.29 0.82 0.00	21.60 1.22 0.00	25.85 1.44 0.00	23.98 1.11 -1.29	21.04 0.89 -0.42	20.30 0.77 0.00	24.00 0.85 -2.58	20.63 0.85 -0.16	21.58 0.92 -0.51	20.97 0.93 -0.37	20.89 0.90 -0.46	21.07 0.79 -0.57	30.66 1.40 -2.72	26.69 1.41 -1.43	22.46 1.08 -0.96	25.20 0.93 -1.46	25.05 0.81 -1.18	21.97 0.91 -0.15	20.47 1.02 -0.11
PIERCEFIELD__HYD 23852	18.37 0.36 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.24 0.00	17.26 0.42 0.00	17.88 0.42 0.00	20.77 0.39 0.00	24.76 0.34 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.73 0.21 0.00	20.86 0.28 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.76 0.09 0.00	19.43 -0.10 0.00	19.49 -0.22 0.00	26.04 -0.49 0.00	23.32 -0.53 0.00	20.05 -0.37 0.00	22.78 -0.03 0.00	23.06 -0.01 0.00	21.01 0.09 0.00	19.55 -0.29 -0.51
PINELAWN_CC_1 323563	18.74 0.73 0.00	17.32 0.68 0.00	17.43 0.65 0.00	16.51 0.52 0.00	17.40 0.57 0.00	18.13 0.67 0.00	21.13 0.75 0.00	25.46 1.04 0.00	22.61 1.04 0.00	20.77 1.03 0.00	20.52 1.00 0.00	21.34 0.77 0.00	20.43 0.81 0.00	21.16 1.00 0.00	20.68 1.01 0.00	20.60 1.08 0.00	20.79 1.08 0.00	28.39 1.86 0.00	25.67 1.82 0.00	21.82 1.39 0.00	24.22 1.41 0.00	24.41 1.34 0.00	22.06 1.14 0.00	20.49 1.15 0.00

PJM_GEN_HTP_PROXY 323702	18.37 0.36 0.00	17.03 0.39 0.00	17.15 0.36 0.00	16.24 0.25 0.00	17.09 0.26 0.00	17.80 0.34 0.00	20.87 0.49 0.00	25.29 0.88 0.00	22.43 0.86 0.00	20.51 0.77 0.00	20.26 0.73 0.00	21.18 0.61 0.00	20.31 0.69 0.00	20.93 0.77 0.00	20.46 0.79 0.00	20.40 0.87 0.00	20.60 0.89 0.00	27.99 1.46 0.00	25.28 1.43 0.00	21.55 1.13 0.00	23.85 1.03 0.00	24.15 1.08 0.00	21.79 0.87 0.00	20.21 0.88 0.00
PJM_GEN_KEystone 24065	17.68 -0.33 0.00	16.38 -0.26 0.00	16.54 -0.24 0.00	15.66 -0.33 0.00	16.48 -0.36 0.00	17.18 -0.28 0.00	20.09 -0.30 0.00	24.07 -0.34 0.00	17.07 -0.20 4.29	18.15 -0.19 1.39	19.25 -0.24 0.04	12.28 -0.08 8.21	19.06 -0.07 0.50	18.47 -0.08 1.61	18.36 -0.10 1.22	17.95 -0.11 1.47	17.70 -0.19 1.82	17.68 -0.01 8.83	19.19 -0.01 4.66	17.29 -0.06 3.08	17.93 -0.23 4.65	19.05 -0.29 3.73	20.18 -0.26 0.48	22.30 -0.10 -3.06
PJM_GEN_NEPTUNE_PROXY 323594	18.55 0.54 0.00	17.16 0.52 0.00	17.26 0.48 0.00	16.36 0.37 0.00	17.24 0.40 0.00	17.95 0.49 0.00	20.95 0.56 0.00	25.26 0.85 0.00	22.42 0.85 0.00	20.56 0.83 0.00	20.33 0.80 0.00	21.20 0.63 0.00	20.32 0.70 0.00	21.00 0.84 0.00	20.51 0.84 0.00	20.43 0.90 0.00	20.60 0.89 0.00	28.06 1.53 0.00	25.37 1.52 0.00	21.59 1.17 0.00	23.96 1.15 0.00	24.19 1.13 0.00	21.86 0.94 0.00	20.30 0.97 0.00
PJM_GEN_VFT_PROXY 323633	18.23 0.23 0.01	16.90 0.26 0.01	17.02 0.24 0.00	16.13 0.14 0.00	16.98 0.15 0.00	17.68 0.22 0.00	20.74 0.35 0.00	25.13 0.72 0.00	22.29 0.72 0.00	20.37 0.64 0.01	19.57 0.60 0.56	21.04 0.47 0.00	20.18 0.56 0.00	20.79 0.64 0.00	19.93 0.66 0.40	20.24 0.74 0.02	20.27 0.76 0.20	24.65 1.28 3.15	23.02 1.27 2.10	20.94 0.99 0.48	23.49 0.89 0.21	24.01 0.94 0.00	21.69 0.77 0.00	20.12 0.78 0.00
PLATSBURG_115KV_PMLD1 355749	18.95 0.94 0.00	17.38 0.74 0.00	17.51 0.73 0.00	16.66 0.67 0.00	17.52 0.68 0.00	18.14 0.68 0.00	21.13 0.75 0.00	25.28 0.87 0.00	22.26 0.69 0.00	20.22 0.49 0.00	20.05 0.52 0.00	21.19 0.62 0.00	20.17 0.54 0.00	20.69 0.53 0.00	20.15 0.48 0.00	19.93 0.40 0.00	20.00 0.30 0.00	26.27 -0.25 0.00	23.42 -0.42 0.00	20.15 -0.28 0.00	22.56 -0.25 0.00	22.80 -0.27 0.00	20.47 -0.45 0.00	15.28 -0.76 3.30
PLEASANTVLY__LBMP 24000	18.31 0.30 0.00	16.98 0.34 0.00	17.11 0.33 0.00	16.22 0.23 0.00	17.08 0.25 0.00	17.77 0.30 0.00	20.79 0.40 0.00	25.12 0.70 0.00	22.23 0.66 0.00	20.30 0.57 0.00	20.06 0.53 0.00	20.99 0.42 0.00	20.10 0.48 0.00	20.70 0.54 0.00	20.22 0.54 0.00	20.14 0.62 0.00	20.37 0.66 0.00	27.67 1.15 0.00	24.99 1.14 0.00	21.32 0.89 0.00	23.61 0.80 0.00	23.90 0.83 0.00	21.63 0.71 0.00	20.07 0.73 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	18.40 0.39 0.00	17.07 0.43 0.00	17.18 0.41 0.00	16.29 0.30 0.00	17.16 0.32 0.00	17.86 0.39 0.00	20.92 0.53 0.00	25.32 0.91 0.00	22.44 0.87 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.17 0.60 0.00	20.28 0.66 0.00	20.88 0.72 0.00	20.41 0.74 0.00	20.34 0.81 0.00	20.56 0.85 0.00	27.92 1.39 0.00	25.24 1.39 0.00	21.52 1.10 0.00	23.83 1.02 0.00	24.11 1.04 0.00	21.79 0.88 0.00	20.21 0.88 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	18.40 0.39 0.00	17.07 0.43 0.00	17.18 0.41 0.00	16.29 0.30 0.00	17.16 0.32 0.00	17.86 0.39 0.00	20.92 0.53 0.00	25.32 0.91 0.00	22.44 0.87 0.00	20.49 0.76 0.00	20.24 0.71 0.00	21.17 0.60 0.00	20.28 0.66 0.00	20.88 0.72 0.00	20.41 0.74 0.00	20.34 0.81 0.00	20.56 0.85 0.00	27.92 1.39 0.00	25.24 1.39 0.00	21.52 1.10 0.00	23.83 1.02 0.00	24.11 1.04 0.00	21.79 0.88 0.00	20.21 0.88 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	18.47 0.46 0.00	17.13 0.49 0.00	17.26 0.48 0.00	16.36 0.38 0.00	17.24 0.40 0.00	17.94 0.47 0.00	21.00 0.62 0.00	25.40 0.98 0.00	22.48 0.91 0.00	20.52 0.79 0.00	20.27 0.74 0.00	21.21 0.64 0.00	20.27 0.65 0.00	20.87 0.71 0.00	20.39 0.72 0.00	20.33 0.80 0.00	20.58 0.88 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.57 1.15 0.00	23.88 1.07 0.00	24.15 1.09 0.00	21.84 0.93 0.00	20.25 0.91 0.00
POLETTI____ 23519	18.35 0.34 0.00	17.01 0.37 0.00	17.12 0.34 0.00	16.22 0.23 0.00	17.08 0.24 0.00	17.77 0.31 0.00	20.84 0.45 0.00	25.25 0.84 0.00	22.41 0.84 0.00	20.48 0.75 0.00	20.24 0.72 0.00	21.17 0.60 0.00	20.29 0.67 0.00	20.90 0.74 0.00	20.44 0.77 0.00	20.39 0.86 0.00	20.58 0.87 0.00	27.94 1.42 0.00	25.25 1.40 0.00	21.53 1.10 0.00	23.82 1.01 0.00	24.12 1.05 0.00	21.78 0.86 0.00	20.19 0.85 0.00
POMONA____ESR 323819	18.40 0.39 0.00	17.03 0.39 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.14 0.31 0.00	17.85 0.39 0.00	20.93 0.54 0.00	25.33 0.91 0.00	22.44 0.87 0.00	20.49 0.76 0.00	20.21 0.69 0.00	21.13 0.56 0.00	20.25 0.63 0.00	20.87 0.71 0.00	20.40 0.73 0.00	20.33 0.80 0.00	20.54 0.83 0.00	27.92 1.39 0.00	25.23 1.38 0.00	21.52 1.10 0.00	23.83 1.02 0.00	24.13 1.06 0.00	21.82 0.90 0.00	20.24 0.90 0.00
PORT_JEFF_3 23555	18.79 0.78 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.45 0.62 0.00	18.17 0.71 0.00	21.06 0.68 0.00	25.30 0.89 0.00	22.48 0.91 0.00	20.68 0.95 0.00	20.45 0.93 0.00	21.25 0.68 0.00	20.36 0.74 0.00	21.03 0.87 0.00	20.56 0.89 0.00	20.45 0.92 0.00	20.62 0.91 0.00	28.28 1.75 0.00	25.56 1.71 0.00	21.70 1.28 0.00	24.14 1.33 0.00	24.29 1.22 0.00	21.95 1.03 0.00	20.41 1.07 0.00
PORT_JEFF_4 23616	18.79 0.78 0.00	17.36 0.72 0.00	17.47 0.69 0.00	16.55 0.56 0.00	17.45 0.62 0.00	18.17 0.71 0.00	21.06 0.68 0.00	25.30 0.89 0.00	22.48 0.91 0.00	20.68 0.95 0.00	20.45 0.93 0.00	21.25 0.68 0.00	20.36 0.74 0.00	21.03 0.87 0.00	20.56 0.89 0.00	20.45 0.92 0.00	20.62 0.91 0.00	28.28 1.75 0.00	25.56 1.71 0.00	21.70 1.28 0.00	24.14 1.33 0.00	24.29 1.22 0.00	21.95 1.03 0.00	20.41 1.07 0.00
PORT_JEFF_IC 23713	18.80 0.79 0.00	17.37 0.73 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	21.08 0.70 0.00	25.33 0.92 0.00	22.51 0.94 0.00	20.72 0.98 0.00	20.48 0.96 0.00	21.27 0.70 0.00	20.38 0.76 0.00	21.05 0.89 0.00	20.59 0.91 0.00	20.49 0.96 0.00	20.66 0.95 0.00	28.33 1.80 0.00	25.61 1.76 0.00	21.74 1.32 0.00	24.18 1.37 0.00	24.34 1.27 0.00	21.98 1.06 0.00	20.43 1.09 0.00
PPL PILGRIM_ST_GT1 24216	18.83 0.82 0.00	17.40 0.76 0.00	17.52 0.73 0.00	16.60 0.61 0.00	17.50 0.66 0.00	18.21 0.75 0.00	21.20 0.81 0.00	25.48 1.07 0.00	22.65 1.08 0.00	20.81 1.08 0.00	20.60 1.08 0.00	21.45 0.87 0.00	20.54 0.91 0.00	21.23 1.07 0.00	20.76 1.09 0.00	20.66 1.14 0.00	20.84 1.13 0.00	28.48 1.95 0.00	25.74 1.89 0.00	21.86 1.44 0.00	24.29 1.48 0.00	24.45 1.39 0.00	22.10 1.18 0.00	20.57 1.23 0.00

PPL PILGRIM_ST_GT2 24217	18.83 0.82 0.00	17.40 0.76 0.00	17.52 0.73 0.00	16.60 0.61 0.00	17.50 0.66 0.00	18.21 0.75 0.00	21.20 0.81 0.00	25.48 1.07 0.00	22.65 1.08 0.00	20.81 1.08 0.00	20.60 1.08 0.00	21.45 0.87 0.00	20.54 0.91 0.00	21.23 1.07 0.00	20.76 1.09 0.00	20.66 1.14 0.00	20.84 1.13 0.00	28.48 1.95 0.00	25.74 1.89 0.00	21.86 1.44 0.00	24.29 1.48 0.00	24.45 1.39 0.00	22.10 1.18 0.00	20.57 1.23 0.00
PPL_SHRM_GT3 24213	18.79 0.78 0.00	17.36 0.72 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	20.95 0.57 0.00	25.14 0.72 0.00	22.33 0.76 0.00	20.56 0.83 0.00	20.31 0.78 0.00	21.06 0.49 0.00	20.17 0.55 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.25 0.72 0.00	20.43 0.72 0.00	28.13 1.60 0.00	25.42 1.57 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.13 1.07 0.00	21.81 0.89 0.00	20.28 0.95 0.00
PPL_SHRM_GT4 24214	18.79 0.78 0.00	17.36 0.72 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	20.95 0.57 0.00	25.14 0.72 0.00	22.33 0.76 0.00	20.56 0.83 0.00	20.31 0.78 0.00	21.06 0.49 0.00	20.17 0.55 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.25 0.72 0.00	20.43 0.72 0.00	28.13 1.60 0.00	25.42 1.57 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.13 1.07 0.00	21.81 0.89 0.00	20.28 0.95 0.00
PROJECT___ORANGE 1 24174	17.76 -0.25 0.00	16.43 -0.21 0.00	16.57 -0.21 0.00	15.76 -0.23 0.00	16.53 -0.31 0.00	17.14 -0.32 0.00	20.07 -0.31 0.00	24.03 -0.39 0.00	21.18 -0.39 0.00	19.36 -0.37 0.00	19.15 -0.38 0.00	20.23 -0.34 0.00	19.31 -0.32 0.00	19.81 -0.35 0.00	19.34 -0.33 0.00	19.17 -0.36 0.00	19.35 -0.36 0.00	26.16 -0.36 0.00	23.53 -0.32 0.00	20.13 -0.29 0.00	22.41 -0.40 0.00	22.62 -0.45 0.00	20.51 -0.41 0.00	19.13 -0.21 0.00
PROJECT___ORANGE 2 24166	17.76 -0.25 0.00	16.43 -0.21 0.00	16.57 -0.21 0.00	15.76 -0.23 0.00	16.53 -0.31 0.00	17.14 -0.32 0.00	20.07 -0.31 0.00	24.03 -0.39 0.00	21.18 -0.39 0.00	19.36 -0.37 0.00	19.15 -0.38 0.00	20.23 -0.34 0.00	19.31 -0.32 0.00	19.81 -0.35 0.00	19.34 -0.33 0.00	19.17 -0.36 0.00	19.35 -0.36 0.00	26.16 -0.36 0.00	23.53 -0.32 0.00	20.13 -0.29 0.00	22.41 -0.40 0.00	22.62 -0.45 0.00	20.51 -0.41 0.00	19.13 -0.21 0.00
PUCKETT___SOLAR 323809	18.01 0.00 0.00	16.70 0.06 0.00	16.81 0.03 0.00	15.96 -0.03 0.00	16.84 0.00 0.00	17.46 0.00 0.00	20.50 0.12 0.00	24.63 0.21 0.00	23.48 0.13 -1.78	20.27 -0.04 -0.58	19.52 -0.01 0.00	24.09 -0.01 -3.53	19.97 0.14 -0.21	21.00 0.14 -0.69	20.32 0.14 -0.51	20.28 0.12 -0.63	20.54 0.05 -0.78	30.56 0.30 -3.74	26.15 0.35 -1.96	21.96 0.22 -1.32	24.87 0.05 -2.00	24.66 -0.02 -1.62	21.18 0.06 -0.21	19.70 0.21 -0.15
PYRITES___HYD 24023	18.63 0.62 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.46 0.47 0.00	17.51 0.68 0.00	18.19 0.72 0.00	21.17 0.78 0.00	25.20 0.79 0.00	22.11 0.55 0.00	20.29 0.56 0.00	20.05 0.52 0.00	21.17 0.60 0.00	20.03 0.41 0.00	20.53 0.37 0.00	19.99 0.32 0.00	19.70 0.17 0.00	19.86 0.14 -0.01	26.98 0.08 -0.37	24.13 0.03 -0.24	20.58 0.10 -0.06	23.29 0.46 -0.02	23.53 0.46 0.00	21.41 0.49 0.00	19.84 0.05 -0.45
QUAKERRD_115KV_BK1 80622	17.05 -0.96 0.00	15.79 -0.85 0.00	15.91 -0.87 0.00	15.10 -0.89 0.00	15.81 -1.03 0.00	16.50 -0.97 0.00	19.30 -1.09 0.00	22.93 -1.49 0.00	20.24 -1.33 0.00	18.53 -1.20 0.00	18.27 -1.26 0.00	19.52 -1.05 0.00	18.52 -1.10 0.00	18.96 -1.20 0.00	18.51 -1.16 0.00	18.29 -1.24 0.00	18.46 -1.25 0.00	25.10 -1.42 0.00	22.48 -1.37 0.00	19.25 -1.18 0.00	21.39 -1.42 0.00	21.49 -1.58 0.00	19.45 -1.47 0.00	18.14 -1.20 0.00
QUENSBRY_115KV_TB8 356137	18.41 0.40 0.00	17.07 0.43 0.00	17.16 0.38 0.00	16.30 0.31 0.00	17.23 0.39 0.00	17.90 0.44 0.00	20.97 0.59 0.00	25.25 0.84 0.00	22.26 0.69 0.00	20.32 0.58 0.00	20.23 0.71 0.00	21.17 0.60 0.00	20.18 0.56 0.00	20.82 0.66 0.00	20.22 0.55 0.00	20.10 0.57 0.00	20.48 0.77 0.00	27.92 1.39 0.00	25.07 1.22 0.00	21.47 1.05 0.00	23.75 0.94 0.00	23.83 0.76 0.00	21.64 0.72 0.00	20.05 0.71 0.00
RAMAPO___LBMP 323565	18.34 0.33 0.00	16.98 0.34 0.00	17.11 0.33 0.00	16.21 0.23 0.00	17.10 0.26 0.00	17.80 0.34 0.00	20.86 0.48 0.00	25.26 0.84 0.00	22.38 0.81 0.00	20.43 0.69 0.00	20.15 0.62 0.00	21.07 0.49 0.00	20.19 0.57 0.00	20.80 0.64 0.00	20.33 0.66 0.00	20.26 0.73 0.00	20.47 0.76 0.00	27.82 1.29 0.00	25.14 1.29 0.00	21.44 1.02 0.00	23.75 0.94 0.00	24.05 0.98 0.00	21.76 0.84 0.00	20.18 0.84 0.00
RANKINE____ 23646	17.10 -0.92 0.00	15.86 -0.78 0.00	15.99 -0.79 0.00	15.09 -0.90 0.00	15.75 -1.09 0.00	16.56 -0.90 0.00	19.29 -1.10 0.00	22.68 -1.74 0.00	20.22 -1.34 0.00	18.67 -1.06 0.00	18.37 -1.16 0.00	20.00 -0.57 0.00	18.81 -0.81 0.00	19.23 -0.93 0.00	18.73 -0.94 0.00	18.39 -1.14 0.00	18.44 -1.27 0.00	25.20 -1.32 0.00	22.41 -1.45 0.00	19.13 -1.29 0.00	21.26 -1.55 0.00	21.25 -1.83 0.00	19.23 -1.68 0.00	17.98 -1.36 0.00
RAVENSWOOD_GT2_1 24244	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.37 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.89 0.50 0.00	25.30 0.89 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.46 0.79 0.00	20.41 0.88 0.00	20.61 0.90 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.15 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT2_2 24245	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.37 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.89 0.50 0.00	25.30 0.89 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.93 0.77 0.00	20.46 0.79 0.00	20.41 0.88 0.00	20.61 0.90 0.00	27.99 1.46 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.15 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT2_3 24246	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.47 0.89 0.00	20.53 0.80 0.00	20.28 0.76 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.48 0.81 0.00	20.42 0.89 0.00	20.62 0.91 0.00	28.02 1.49 0.00	25.31 1.46 0.00	21.57 1.15 0.00	23.88 1.06 0.00	24.17 1.10 0.00	21.82 0.90 0.00	20.23 0.90 0.00
RAVENSWOOD_GT2_4 24247	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.47 0.89 0.00	20.53 0.80 0.00	20.28 0.76 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.95 0.79 0.00	20.48 0.81 0.00	20.42 0.89 0.00	20.62 0.91 0.00	28.02 1.49 0.00	25.31 1.46 0.00	21.57 1.15 0.00	23.88 1.06 0.00	24.17 1.10 0.00	21.82 0.90 0.00	20.23 0.90 0.00



RAVENSWOOD_GT3_1 24248	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.41 0.89 0.00	20.61 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT3_2 24249	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.41 0.89 0.00	20.61 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT3_3 24250	18.41 0.39 0.00	17.06 0.42 0.00	17.18 0.40 0.00	16.27 0.28 0.00	17.13 0.29 0.00	17.84 0.37 0.00	20.92 0.53 0.00	25.35 0.93 0.00	22.49 0.92 0.00	20.55 0.82 0.00	20.31 0.78 0.00	21.23 0.66 0.00	20.36 0.74 0.00	20.97 0.81 0.00	20.50 0.83 0.00	20.44 0.91 0.00	20.64 0.93 0.00	28.05 1.52 0.00	25.34 1.49 0.00	21.60 1.18 0.00	23.91 1.09 0.00	24.20 1.13 0.00	21.84 0.92 0.00	20.25 0.92 0.00
RAVENSWOOD_GT3_4 24251	18.41 0.39 0.00	17.06 0.42 0.00	17.18 0.40 0.00	16.27 0.28 0.00	17.13 0.29 0.00	17.84 0.37 0.00	20.92 0.53 0.00	25.35 0.93 0.00	22.49 0.92 0.00	20.55 0.82 0.00	20.31 0.78 0.00	21.23 0.66 0.00	20.36 0.74 0.00	20.97 0.81 0.00	20.50 0.83 0.00	20.44 0.91 0.00	20.64 0.93 0.00	28.05 1.52 0.00	25.34 1.49 0.00	21.60 1.18 0.00	23.91 1.09 0.00	24.20 1.13 0.00	21.84 0.92 0.00	20.25 0.92 0.00
RAVENSWOOD_GT_1 23729	18.41 0.40 0.00	17.06 0.42 0.00	17.17 0.39 0.00	16.27 0.28 0.00	17.13 0.29 0.00	17.83 0.37 0.00	20.93 0.54 0.00	25.36 0.95 0.00	22.51 0.94 0.00	20.57 0.84 0.00	20.32 0.79 0.00	21.25 0.68 0.00	20.37 0.75 0.00	20.99 0.83 0.00	20.53 0.86 0.00	20.46 0.93 0.00	20.67 0.95 0.00	28.07 1.55 0.00	25.37 1.52 0.00	21.62 1.20 0.00	23.92 1.11 0.00	24.21 1.14 0.00	21.85 0.93 0.00	20.25 0.91 0.00
RAVENSWOOD_GT_10 24258	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.31 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.79 0.00	20.41 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_11 24259	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.31 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.79 0.00	20.41 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_4 24252	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.33 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.82 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_5 24254	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.33 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.82 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_6 24253	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.33 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.82 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_7 24255	18.39 0.38 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.12 0.28 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.33 0.70 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.42 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.82 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.31 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.79 0.00	20.41 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD_GT_9 24257	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.31 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.27 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.94 0.78 0.00	20.47 0.79 0.00	20.41 0.89 0.00	20.61 0.90 0.00	27.99 1.47 0.00	25.29 1.44 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.16 1.09 0.00	21.81 0.90 0.00	20.23 0.89 0.00
RAVENSWOOD___1 23533	18.37 0.36 0.00	17.02 0.38 0.00	17.14 0.36 0.00	16.23 0.24 0.00	17.09 0.25 0.00	17.79 0.33 0.00	20.88 0.49 0.00	25.30 0.88 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.95 0.79 0.00	20.49 0.82 0.00	20.41 0.88 0.00	20.62 0.91 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.22 0.88 0.00
RAVENSWOOD___2 23534	18.37 0.36 0.00	17.02 0.38 0.00	17.14 0.36 0.00	16.23 0.24 0.00	17.09 0.25 0.00	17.79 0.33 0.00	20.88 0.49 0.00	25.30 0.88 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.95 0.79 0.00	20.49 0.82 0.00	20.41 0.88 0.00	20.62 0.91 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.22 0.88 0.00

RAVENSWOOD___3 23535	18.38 0.37 0.00	17.04 0.40 0.00	17.16 0.38 0.00	16.25 0.26 0.00	17.11 0.27 0.00	17.81 0.35 0.00	20.90 0.51 0.00	25.31 0.90 0.00	22.45 0.88 0.00	20.52 0.79 0.00	20.28 0.75 0.00	21.20 0.62 0.00	20.31 0.69 0.00	20.94 0.78 0.00	20.47 0.80 0.00	20.40 0.88 0.00	20.61 0.90 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.56 1.14 0.00	23.87 1.05 0.00	24.16 1.09 0.00	21.81 0.89 0.00	20.23 0.89 0.00
RAVENSWOOD___4 23820	18.37 0.36 0.00	17.02 0.38 0.00	17.14 0.36 0.00	16.23 0.24 0.00	17.09 0.25 0.00	17.79 0.33 0.00	20.88 0.49 0.00	25.30 0.88 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.32 0.70 0.00	20.95 0.79 0.00	20.49 0.82 0.00	20.41 0.88 0.00	20.62 0.91 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.80 0.88 0.00	20.22 0.88 0.00
RCPL_TRUST___DRP 24196	18.39 0.38 0.00	17.05 0.41 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.11 0.27 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.91 0.00	22.47 0.90 0.00	20.54 0.81 0.00	20.29 0.76 0.00	21.21 0.64 0.00	20.34 0.72 0.00	20.95 0.80 0.00	20.49 0.82 0.00	20.44 0.91 0.00	20.63 0.92 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.57 1.15 0.00	23.87 1.06 0.00	24.17 1.11 0.00	21.82 0.90 0.00	20.23 0.90 0.00
RED___ROCHESTER 323720	17.44 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.37 -1.04 0.00	18.44 -0.90 2.24	18.21 -0.80 0.72	18.65 -0.88 0.00	15.77 -0.55 4.25	18.71 -0.66 0.26	18.57 -0.75 0.84	18.30 -0.76 0.62	17.93 -0.83 0.76	17.90 -0.87 0.94	21.17 -0.85 4.51	20.59 -0.89 2.36	18.09 -0.74 1.59	19.45 -0.95 2.42	19.97 -1.15 1.95	19.59 -1.08 0.25	18.30 -0.86 0.18
REGAN___SOLAR 323812	19.51 1.50 0.00	17.98 1.34 0.00	18.11 1.33 0.00	17.27 1.28 0.00	18.22 1.38 0.00	19.00 1.53 0.00	22.37 1.98 0.00	26.72 2.30 0.00	23.50 1.93 0.00	21.39 1.65 0.00	20.88 1.35 0.00	21.89 1.32 0.00	20.61 0.99 0.00	21.23 1.07 0.00	20.98 1.31 0.00	20.35 0.82 0.00	21.09 1.38 0.00	28.95 2.42 0.00	26.33 2.48 0.00	22.57 2.15 0.00	25.11 2.30 0.00	25.15 2.08 0.00	22.67 1.75 0.00	20.84 1.51 0.00
RENSSELAER___COGEN 23796	18.33 0.32 0.00	17.03 0.39 0.00	17.16 0.37 0.00	16.29 0.30 0.00	17.13 0.30 0.00	17.78 0.32 0.00	20.73 0.34 0.00	24.97 0.56 0.00	22.03 0.46 0.00	20.10 0.37 0.00	19.89 0.36 0.00	20.88 0.31 0.00	19.93 0.31 0.00	20.52 0.36 0.00	19.99 0.32 0.00	19.91 0.38 0.00	20.19 0.48 0.00	27.36 0.83 0.00	24.64 0.79 0.00	21.03 0.61 0.00	23.35 0.54 0.00	23.64 0.57 0.00	21.46 0.54 0.00	19.89 0.55 0.00
REPUBLIC_115KV_BARTNBRK 55605	18.84 0.83 0.00	17.49 0.85 0.00	17.56 0.78 0.00	16.61 0.62 0.00	17.68 0.84 0.00	18.43 0.97 0.00	21.59 1.20 0.00	25.99 1.58 0.00	22.96 1.39 0.00	20.91 1.18 0.00	20.90 1.38 0.00	21.79 1.22 0.00	20.76 1.14 0.00	21.51 1.34 0.00	20.88 1.21 0.00	20.83 1.30 0.00	21.27 1.56 0.00	29.23 2.70 0.00	26.16 2.31 0.00	22.41 1.99 0.00	24.66 1.85 0.00	24.58 1.51 0.00	22.34 1.42 0.00	20.75 1.42 0.00
REVERE_CPPR_DRP 24186	18.51 0.49 0.00	17.04 0.40 0.00	17.20 0.41 0.00	16.37 0.38 0.00	17.23 0.39 0.00	17.91 0.44 0.00	20.99 0.60 0.00	25.19 0.77 0.00	22.10 0.53 0.00	20.16 0.43 0.00	19.84 0.31 0.00	20.91 0.33 0.00	19.94 0.32 0.00	20.51 0.35 0.00	19.95 0.27 0.00	19.78 0.25 0.00	20.09 0.38 0.00	27.34 0.81 0.00	24.63 0.78 0.00	21.04 0.62 0.00	23.43 0.62 0.00	23.64 0.57 0.00	21.37 0.46 0.00	19.76 0.42 0.00
REYNOLDS_115KV_TB3 80639	18.30 0.29 0.00	17.01 0.37 0.00	17.13 0.35 0.00	16.26 0.27 0.00	17.10 0.26 0.00	17.73 0.27 0.00	20.65 0.26 0.00	24.87 0.46 0.00	21.93 0.36 0.00	20.01 0.28 0.00	19.81 0.28 0.00	20.79 0.22 0.00	19.85 0.23 0.00	20.44 0.28 0.00	19.91 0.24 0.00	19.83 0.30 0.00	20.12 0.41 0.00	27.26 0.73 0.00	24.54 0.69 0.00	20.95 0.53 0.00	23.25 0.44 0.00	23.55 0.48 0.00	21.41 0.49 0.00	19.84 0.51 0.00
RIVERBAY____ 323610	18.45 0.44 0.00	17.19 0.55 0.00	17.17 0.39 0.00	16.27 0.29 0.00	17.17 0.33 0.00	17.90 0.44 0.00	21.07 0.68 0.00	25.58 1.16 0.00	22.64 1.07 0.00	20.65 0.92 0.00	20.37 0.84 0.00	21.32 0.74 0.00	20.41 0.78 0.00	20.98 0.82 0.00	20.52 0.84 0.00	20.44 0.91 0.00	20.65 0.94 0.00	27.99 1.47 0.00	25.34 1.49 0.00	21.65 1.23 0.00	23.94 1.12 0.00	24.22 1.15 0.00	21.84 0.92 0.00	20.26 0.92 0.00
RIVERSDE_115KV_TB3 55908	18.34 0.33 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.29 0.30 0.00	17.14 0.30 0.00	17.78 0.32 0.00	20.72 0.33 0.00	24.97 0.55 0.00	22.03 0.46 0.00	20.10 0.37 0.00	19.89 0.36 0.00	20.88 0.31 0.00	19.93 0.31 0.00	20.53 0.37 0.00	19.99 0.32 0.00	19.91 0.39 0.00	20.19 0.48 0.00	27.36 0.84 0.00	24.64 0.79 0.00	21.03 0.61 0.00	23.34 0.53 0.00	23.64 0.57 0.00	21.47 0.55 0.00	19.90 0.56 0.00
ROARING___BROOK_WT_PWR 323790	18.00 -0.01 0.00	16.52 -0.12 0.00	16.68 -0.10 0.00	15.95 -0.04 0.00	16.84 0.01 0.00	17.44 -0.02 0.00	20.29 -0.10 0.00	24.27 -0.14 0.00	21.36 -0.21 0.00	19.56 -0.17 0.00	19.42 -0.11 0.00	20.49 -0.08 0.00	19.52 -0.10 0.00	20.04 -0.12 0.00	19.51 -0.16 0.00	19.32 -0.20 0.00	19.44 -0.27 0.00	25.98 -0.55 0.00	23.26 -0.59 0.00	19.87 -0.55 0.00	22.31 -0.50 0.00	22.57 -0.49 0.00	20.45 -0.47 0.00	18.80 -0.54 0.00
ROCHESRG_115KV_T4 355643	17.28 -0.73 0.00	16.01 -0.63 0.00	16.12 -0.66 0.00	15.28 -0.70 0.00	15.99 -0.84 0.00	16.71 -0.75 0.00	19.53 -0.86 0.00	23.14 -1.27 0.00	20.45 -1.12 0.00	18.75 -0.98 0.00	18.48 -1.05 0.00	19.83 -0.74 0.00	18.78 -0.84 0.00	19.22 -0.93 0.00	18.75 -0.92 0.00	18.50 -1.03 0.00	18.64 -1.07 0.00	25.38 -1.14 0.00	22.69 -1.16 0.00	19.44 -0.99 0.00	21.61 -1.20 0.00	21.69 -1.38 0.00	19.64 -1.28 0.00	18.31 -1.02 0.00
ROCHESTER_9_IC 23652	17.36 -0.65 0.00	16.08 -0.56 0.00	16.20 -0.58 0.00	15.36 -0.63 0.00	16.08 -0.76 0.00	16.80 -0.67 0.00	19.64 -0.75 0.00	23.27 -1.14 0.00	20.57 -1.00 0.00	18.84 -0.89 0.00	18.58 -0.95 0.00	19.93 -0.64 0.00	18.88 -0.75 0.00	19.32 -0.84 0.00	18.85 -0.83 0.00	18.60 -0.93 0.00	18.74 -0.97 0.00	25.54 -0.99 0.00	22.83 -1.02 0.00	19.56 -0.86 0.00	21.74 -1.08 0.00	21.80 -1.27 0.00	19.74 -1.17 0.00	18.40 -0.94 0.00
ROCKVIEW_13_KV_LD 356306	18.46 0.45 0.00	17.12 0.48 0.00	17.22 0.44 0.00	16.32 0.33 0.00	17.18 0.35 0.00	17.89 0.42 0.00	20.97 0.58 0.00	25.39 0.98 0.00	22.51 0.94 0.00	20.58 0.84 0.00	20.32 0.79 0.00	21.25 0.68 0.00	20.36 0.74 0.00	20.97 0.82 0.00	20.50 0.83 0.00	20.43 0.91 0.00	20.65 0.94 0.00	28.05 1.52 0.00	25.35 1.51 0.00	21.62 1.20 0.00	23.93 1.12 0.00	24.21 1.14 0.00	21.88 0.96 0.00	20.29 0.95 0.00

ROME____115KV_TB2 80656	18.51 0.49 0.00	17.04 0.40 0.00	17.20 0.41 0.00	16.37 0.38 0.00	17.23 0.39 0.00	17.91 0.44 0.00	20.99 0.60 0.00	25.19 0.77 0.00	22.10 0.53 0.00	20.16 0.43 0.00	19.84 0.31 0.00	20.91 0.33 0.00	19.94 0.32 0.00	20.51 0.35 0.00	19.95 0.27 0.00	19.78 0.25 0.00	20.09 0.38 0.00	27.34 0.81 0.00	24.63 0.78 0.00	21.04 0.62 0.00	23.43 0.62 0.00	23.64 0.57 0.00	21.37 0.46 0.00	19.76 0.42 0.00
ROSETON____1 23587	18.31 0.30 0.00	16.97 0.33 0.00	17.10 0.32 0.00	16.21 0.22 0.00	17.08 0.24 0.00	17.76 0.30 0.00	20.79 0.40 0.00	25.14 0.73 0.00	22.26 0.68 0.00	20.33 0.59 0.00	20.08 0.55 0.00	21.01 0.44 0.00	20.11 0.49 0.00	20.72 0.56 0.00	20.24 0.57 0.00	20.16 0.63 0.00	20.38 0.68 0.00	27.69 1.16 0.00	25.01 1.16 0.00	21.33 0.91 0.00	23.64 0.82 0.00	23.92 0.85 0.00	21.64 0.72 0.00	20.08 0.74 0.00
ROSETON____2 23588	18.31 0.30 0.00	16.97 0.33 0.00	17.10 0.32 0.00	16.21 0.22 0.00	17.08 0.24 0.00	17.76 0.30 0.00	20.79 0.40 0.00	25.14 0.73 0.00	22.26 0.68 0.00	20.33 0.59 0.00	20.08 0.55 0.00	21.01 0.44 0.00	20.11 0.49 0.00	20.72 0.56 0.00	20.24 0.57 0.00	20.16 0.63 0.00	20.38 0.68 0.00	27.69 1.16 0.00	25.01 1.16 0.00	21.33 0.91 0.00	23.64 0.82 0.00	23.92 0.85 0.00	21.64 0.72 0.00	20.08 0.74 0.00
ROTTRDAM_115KV_TB3 80664	18.29 0.28 0.00	16.95 0.31 0.00	17.08 0.31 0.00	16.24 0.25 0.00	17.10 0.26 0.00	17.75 0.28 0.00	20.73 0.35 0.00	24.92 0.51 0.00	22.00 0.43 0.00	20.09 0.35 0.00	19.87 0.34 0.00	20.88 0.31 0.00	19.92 0.29 0.00	20.50 0.34 0.00	19.99 0.32 0.00	19.87 0.34 0.00	20.13 0.42 0.00	27.28 0.75 0.00	24.56 0.71 0.00	20.99 0.57 0.00	23.33 0.52 0.00	23.57 0.50 0.00	21.37 0.46 0.00	19.79 0.46 0.00
RUSSELL____1 23602	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
RUSSELL____2 23532	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
RUSSELL____3 23549	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
RUSSELL____4 23556	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
RUSSELL____STATION 23914	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
S SALMON____HYD 24043	17.73 -0.28 0.00	16.34 -0.30 0.00	16.49 -0.29 0.00	15.70 -0.28 0.00	16.50 -0.34 0.00	17.09 -0.37 0.00	19.97 -0.41 0.00	23.91 -0.50 0.00	20.99 -0.58 0.00	19.18 -0.55 0.00	18.85 -0.68 0.00	19.88 -0.69 0.00	18.93 -0.69 0.00	19.39 -0.76 0.00	18.91 -0.76 0.00	18.74 -0.79 0.00	18.96 -0.75 0.00	25.78 -0.74 0.00	23.21 -0.64 0.00	19.89 -0.53 0.00	22.18 -0.63 0.00	22.35 -0.72 0.00	20.21 -0.71 0.00	18.77 -0.57 0.00
S.PERRY__115KV_TB1 80734	17.66 -0.35 0.00	16.41 -0.23 0.00	16.52 -0.26 0.00	15.66 -0.33 0.00	16.51 -0.32 0.00	17.24 -0.22 0.00	20.34 -0.04 0.00	24.32 -0.09 0.00	21.32 -0.25 0.00	19.38 -0.35 0.00	19.07 -0.46 0.00	20.30 -0.27 0.00	19.33 -0.29 0.00	19.80 -0.36 0.00	19.33 -0.34 0.00	19.04 -0.49 0.00	19.00 -0.71 0.00	25.97 -0.56 0.00	23.61 -0.24 0.00	20.24 -0.18 0.00	22.37 -0.44 0.00	22.34 -0.73 0.00	20.26 -0.66 0.00	18.89 -0.44 0.00
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	16.94 -1.07 0.00	15.72 -0.92 0.00	15.83 -0.95 0.00	14.95 -1.04 0.00	15.59 -1.25 0.00	16.38 -1.08 0.00	19.06 -1.33 0.00	22.39 -2.03 0.00	19.94 -1.63 0.00	18.40 -1.33 0.00	18.10 -1.43 0.00	19.71 -0.86 0.00	18.53 -1.09 0.00	18.93 -1.23 0.00	18.45 -1.22 0.00	18.11 -1.42 0.00	18.17 -1.54 0.00	24.82 -1.71 0.00	22.06 -1.79 0.00	18.88 -1.54 0.00	20.99 -1.82 0.00	21.00 -2.07 0.00	19.01 -1.91 0.00	17.77 -1.57 0.00
SAWYER__23_KV_LOAD 55526	16.94 -1.07 0.00	15.72 -0.92 0.00	15.83 -0.95 0.00	14.95 -1.04 0.00	15.59 -1.25 0.00	16.38 -1.08 0.00	19.06 -1.33 0.00	22.39 -2.03 0.00	19.94 -1.63 0.00	18.40 -1.33 0.00	18.10 -1.43 0.00	19.71 -0.86 0.00	18.53 -1.09 0.00	18.93 -1.23 0.00	18.45 -1.22 0.00	18.11 -1.42 0.00	18.17 -1.54 0.00	24.82 -1.71 0.00	22.06 -1.79 0.00	18.88 -1.54 0.00	20.99 -1.82 0.00	21.00 -2.07 0.00	19.01 -1.91 0.00	17.77 -1.57 0.00
SELKIRK____I 23801	18.38 0.37 0.00	17.07 0.43 0.00	17.20 0.42 0.00	16.34 0.35 0.00	17.19 0.35 0.00	17.83 0.37 0.00	20.78 0.40 0.00	24.98 0.56 0.00	22.03 0.46 0.00	20.11 0.37 0.00	19.90 0.37 0.00	20.90 0.33 0.00	19.95 0.32 0.00	20.52 0.36 0.00	20.00 0.33 0.00	19.91 0.38 0.00	20.18 0.47 0.00	27.35 0.82 0.00	24.60 0.75 0.00	20.99 0.57 0.00	23.34 0.52 0.00	23.61 0.54 0.00	21.43 0.51 0.00	19.86 0.53 0.00
SELKIRK____II 23799	18.29 0.29 0.00	16.98 0.34 0.00	17.12 0.34 0.00	16.25 0.26 0.00	17.10 0.26 0.00	17.74 0.28 0.00	20.69 0.30 0.00	24.90 0.49 0.00	21.98 0.41 0.00	20.07 0.33 0.00	19.85 0.32 0.00	20.84 0.27 0.00	19.90 0.28 0.00	20.48 0.32 0.00	19.96 0.29 0.00	19.87 0.34 0.00	20.13 0.42 0.00	27.27 0.75 0.00	24.56 0.72 0.00	20.96 0.54 0.00	23.30 0.48 0.00	23.58 0.51 0.00	21.40 0.48 0.00	19.83 0.49 0.00

SENECA OSWGO___HYD 24041	17.64 -0.37 0.00	16.31 -0.33 0.00	16.46 -0.33 0.00	15.65 -0.34 0.00	16.42 -0.42 0.00	17.01 -0.45 0.00	19.90 -0.48 0.00	23.84 -0.57 0.00	21.03 -0.54 0.00	19.19 -0.54 0.00	18.98 -0.55 0.00	20.03 -0.54 0.00	19.12 -0.50 0.00	19.61 -0.55 0.00	19.15 -0.52 0.00	19.00 -0.52 0.00	19.20 -0.50 0.00	26.01 -0.52 0.00	23.40 -0.45 0.00	20.03 -0.39 0.00	22.28 -0.53 0.00	22.47 -0.60 0.00	20.37 -0.55 0.00	19.00 -0.34 0.00
SENECA___115KV_TB3 355854	17.11 -0.90 0.00	15.88 -0.76 0.00	16.02 -0.77 0.00	15.11 -0.87 0.00	15.77 -1.07 0.00	16.59 -0.87 0.00	19.32 -1.07 0.00	22.72 -1.69 0.00	20.26 -1.31 0.00	18.70 -1.03 0.00	18.40 -1.13 0.00	20.03 -0.54 0.00	18.85 -0.78 0.00	19.25 -0.90 0.00	18.77 -0.90 0.00	18.42 -1.11 0.00	18.47 -1.24 0.00	25.24 -1.29 0.00	22.44 -1.41 0.00	19.17 -1.26 0.00	21.30 -1.51 0.00	21.28 -1.79 0.00	19.27 -1.65 0.00	18.00 -1.33 0.00
SENECA___ENERGY 23797	17.59 -0.41 0.00	16.31 -0.33 0.00	16.43 -0.35 0.00	15.62 -0.37 0.00	16.40 -0.44 0.00	17.07 -0.40 0.00	20.06 -0.32 0.00	24.01 -0.41 0.00	21.14 -0.43 0.00	19.27 -0.46 0.00	18.99 -0.54 0.00	20.13 -0.45 0.00	19.21 -0.41 0.00	19.66 -0.50 0.00	19.20 -0.47 0.00	19.03 -0.50 0.00	19.19 -0.52 0.00	26.02 -0.51 0.00	23.46 -0.39 0.00	20.10 -0.32 0.00	22.27 -0.54 0.00	22.38 -0.69 0.00	20.30 -0.62 0.00	18.91 -0.43 0.00
SHOEMAKER___GT 23640	18.28 0.27 0.00	16.94 0.30 0.00	17.07 0.29 0.00	16.19 0.20 0.00	17.06 0.22 0.00	17.74 0.28 0.00	20.80 0.41 0.00	25.55 1.14 0.00	22.64 1.07 0.00	20.67 0.94 0.00	20.39 0.86 0.00	21.27 0.69 0.00	20.27 0.65 0.00	20.88 0.72 0.00	20.47 0.80 0.00	20.45 0.92 0.00	20.70 0.98 0.00	28.18 1.65 0.00	25.48 1.63 0.00	21.74 1.32 0.00	24.09 1.28 0.00	24.36 1.29 0.00	22.01 1.09 0.00	20.40 1.06 0.00
SHOEMAKR_138KV_BK 111 55601	18.27 0.26 0.00	16.93 0.29 0.00	17.06 0.28 0.00	16.18 0.19 0.00	17.05 0.21 0.00	17.73 0.27 0.00	20.79 0.40 0.00	25.54 1.12 0.00	22.62 1.05 0.00	20.66 0.93 0.00	20.37 0.84 0.00	21.26 0.69 0.00	20.28 0.65 0.00	20.88 0.72 0.00	20.46 0.79 0.00	20.44 0.91 0.00	20.69 0.98 0.00	28.15 1.63 0.00	25.46 1.61 0.00	21.72 1.30 0.00	24.07 1.26 0.00	24.34 1.27 0.00	22.00 1.08 0.00	20.38 1.05 0.00
SHOREHAM_IC_1 23715	18.79 0.78 0.00	17.36 0.72 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	20.95 0.57 0.00	25.14 0.72 0.00	22.33 0.76 0.00	20.56 0.83 0.00	20.31 0.78 0.00	21.06 0.49 0.00	20.17 0.55 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.25 0.72 0.00	20.43 0.72 0.00	28.13 1.60 0.00	25.42 1.57 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.13 1.07 0.00	21.81 0.89 0.00	20.28 0.95 0.00
SHOREHAM_IC_2 23716	18.79 0.78 0.00	17.36 0.72 0.00	17.48 0.70 0.00	16.56 0.57 0.00	17.46 0.63 0.00	18.19 0.72 0.00	20.95 0.57 0.00	25.14 0.72 0.00	22.33 0.76 0.00	20.56 0.83 0.00	20.31 0.78 0.00	21.06 0.49 0.00	20.17 0.55 0.00	20.83 0.67 0.00	20.36 0.69 0.00	20.25 0.72 0.00	20.43 0.72 0.00	28.13 1.60 0.00	25.42 1.57 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.13 1.07 0.00	21.81 0.89 0.00	20.28 0.95 0.00
SISSONVILLE___ 23735	18.37 0.36 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.24 0.00	17.26 0.42 0.00	17.88 0.42 0.00	20.77 0.39 0.00	24.76 0.34 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.73 0.21 0.00	20.86 0.28 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.76 0.09 0.00	19.43 -0.10 0.00	19.49 -0.22 0.00	26.04 -0.49 0.00	23.32 -0.53 0.00	20.05 -0.37 0.00	22.78 -0.03 0.00	23.06 -0.01 0.00	21.01 0.09 0.00	19.55 -0.29 -0.51
SITHE_IND_GS1 24169	17.53 -0.48 0.00	16.22 -0.42 0.00	16.36 -0.42 0.00	15.57 -0.42 0.00	16.32 -0.51 0.00	16.89 -0.58 0.00	19.74 -0.65 0.00	23.62 -0.80 0.00	20.82 -0.75 0.00	19.04 -0.69 0.00	18.85 -0.67 0.00	19.90 -0.67 0.00	18.99 -0.63 0.00	19.48 -0.68 0.00	19.02 -0.65 0.00	18.87 -0.66 0.00	19.05 -0.66 0.00	25.71 -0.81 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	22.03 -0.78 0.00	22.23 -0.83 0.00	20.19 -0.73 0.00	18.86 -0.47 0.00
SITHE_IND_GS2 24170	17.53 -0.48 0.00	16.22 -0.42 0.00	16.36 -0.42 0.00	15.57 -0.42 0.00	16.32 -0.51 0.00	16.89 -0.58 0.00	19.74 -0.65 0.00	23.62 -0.80 0.00	20.82 -0.75 0.00	19.04 -0.69 0.00	18.85 -0.67 0.00	19.90 -0.67 0.00	18.99 -0.63 0.00	19.48 -0.68 0.00	19.02 -0.65 0.00	18.87 -0.66 0.00	19.05 -0.66 0.00	25.71 -0.81 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	22.03 -0.78 0.00	22.23 -0.83 0.00	20.19 -0.73 0.00	18.86 -0.47 0.00
SITHE_IND_GS3 24171	17.53 -0.48 0.00	16.22 -0.42 0.00	16.36 -0.42 0.00	15.57 -0.42 0.00	16.32 -0.51 0.00	16.89 -0.58 0.00	19.74 -0.65 0.00	23.62 -0.80 0.00	20.82 -0.75 0.00	19.04 -0.69 0.00	18.85 -0.67 0.00	19.90 -0.67 0.00	18.99 -0.63 0.00	19.48 -0.68 0.00	19.02 -0.65 0.00	18.87 -0.66 0.00	19.05 -0.66 0.00	25.71 -0.81 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	22.03 -0.78 0.00	22.23 -0.83 0.00	20.19 -0.73 0.00	18.86 -0.47 0.00
SITHE_IND_GS4 24172	17.53 -0.48 0.00	16.22 -0.42 0.00	16.36 -0.42 0.00	15.57 -0.42 0.00	16.32 -0.51 0.00	16.89 -0.58 0.00	19.74 -0.65 0.00	23.62 -0.80 0.00	20.82 -0.75 0.00	19.04 -0.69 0.00	18.85 -0.67 0.00	19.90 -0.67 0.00	18.99 -0.63 0.00	19.48 -0.68 0.00	19.02 -0.65 0.00	18.87 -0.66 0.00	19.05 -0.66 0.00	25.71 -0.81 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	22.03 -0.78 0.00	22.23 -0.83 0.00	20.19 -0.73 0.00	18.86 -0.47 0.00
SITHE___BATAVIA 24024	17.35 -0.66 0.00	16.10 -0.54 0.00	16.22 -0.56 0.00	15.34 -0.65 0.00	16.04 -0.80 0.00	16.86 -0.60 0.00	19.66 -0.73 0.00	23.22 -1.19 0.00	17.06 -1.04 3.47	17.65 -0.96 1.12	18.38 -1.15 0.00	13.37 -0.61 6.60	18.35 -0.87 0.40	17.88 -0.98 1.31	17.69 -1.01 0.98	17.24 -1.08 1.21	17.15 -1.06 1.49	18.41 -0.98 7.14	19.03 -1.08 3.74	17.03 -0.88 2.52	17.85 -1.13 3.83	18.57 -1.41 3.08	19.17 -1.35 0.40	17.96 -1.09 0.28
SITHE___INDEPEND 23800	17.53 -0.48 0.00	16.22 -0.42 0.00	16.36 -0.43 0.00	15.57 -0.42 0.00	16.33 -0.51 0.00	16.89 -0.58 0.00	19.74 -0.64 0.00	23.62 -0.80 0.00	20.82 -0.75 0.00	19.04 -0.69 0.00	18.85 -0.67 0.00	19.90 -0.67 0.00	18.99 -0.63 0.00	19.48 -0.68 0.00	19.02 -0.65 0.00	18.86 -0.67 0.00	19.05 -0.66 0.00	25.71 -0.82 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	22.03 -0.78 0.00	22.23 -0.84 0.00	20.19 -0.73 0.00	18.86 -0.48 0.00
SITHE___MASSENA 23902	18.31 0.30 0.00	16.79 0.16 0.00	16.92 0.14 0.00	16.20 0.21 0.00	17.20 0.36 0.00	17.85 0.38 0.00	20.72 0.33 0.00	24.69 0.28 0.00	21.78 0.21 0.00	19.99 0.26 0.00	19.79 0.26 0.00	20.92 0.34 0.00	19.87 0.25 0.00	20.40 0.24 0.00	19.90 0.23 0.00	19.68 0.15 0.00	19.83 0.12 0.00	26.44 -0.08 0.00	23.69 -0.17 0.00	20.34 -0.09 0.00	22.93 0.12 0.00	23.21 0.14 0.00	21.13 0.21 0.00	19.33 -0.09 -0.09

SITHE___OGDNSBRG 24021	18.59 0.58 0.00	17.01 0.37 0.00	17.14 0.36 0.00	16.43 0.44 0.00	17.48 0.64 0.00	18.15 0.69 0.00	21.12 0.73 0.00	25.14 0.73 0.00	22.08 0.51 0.00	20.25 0.51 0.00	20.02 0.49 0.00	21.14 0.57 0.00	20.01 0.39 0.00	20.52 0.36 0.00	19.99 0.32 0.00	19.73 0.20 0.00	19.89 0.18 0.00	26.66 0.13 0.00	23.94 0.09 0.00	20.58 0.16 0.00	23.29 0.47 0.00	23.54 0.48 0.00	21.42 0.51 0.00	19.77 0.09 -0.35
SITHE___STERLING 23777	18.33 0.32 0.00	16.91 0.27 0.00	17.07 0.29 0.00	16.24 0.25 0.00	17.07 0.24 0.00	17.75 0.29 0.00	20.80 0.41 0.00	24.94 0.53 0.00	21.89 0.32 0.00	19.97 0.23 0.00	19.70 0.17 0.00	20.75 0.18 0.00	19.81 0.18 0.00	20.36 0.20 0.00	19.84 0.16 0.00	19.68 0.16 0.00	19.93 0.22 0.00	27.11 0.59 0.00	24.43 0.58 0.00	20.88 0.45 0.00	23.24 0.43 0.00	23.45 0.38 0.00	21.23 0.31 0.00	19.67 0.33 0.00
SLEIGHT__34_KV_TB1 80719	17.43 -0.58 0.00	16.14 -0.50 0.00	16.25 -0.53 0.00	15.45 -0.54 0.00	16.18 -0.65 0.00	16.89 -0.58 0.00	19.81 -0.58 0.00	23.56 -0.86 0.00	20.79 -0.78 0.00	19.02 -0.71 0.00	18.72 -0.81 0.00	19.96 -0.61 0.00	18.97 -0.65 0.00	19.42 -0.75 0.00	18.95 -0.72 0.00	18.75 -0.77 0.00	18.96 -0.75 0.00	25.77 -0.75 0.00	23.11 -0.74 0.00	19.79 -0.63 0.00	21.95 -0.86 0.00	22.06 -1.01 0.00	19.98 -0.94 0.00	18.60 -0.73 0.00
SOUTH CAIRO___GT 23612	19.00 0.99 0.00	17.64 1.00 0.00	17.77 0.99 0.00	16.88 0.90 0.00	17.77 0.94 0.00	18.48 1.02 0.00	21.60 1.22 0.00	26.04 1.62 0.00	22.91 1.35 0.00	20.87 1.14 0.00	20.62 1.09 0.00	21.60 1.03 0.00	20.54 0.91 0.00	21.02 0.86 0.00	20.49 0.82 0.00	20.51 0.98 0.00	20.94 1.23 0.00	28.55 2.02 0.00	25.63 1.77 0.00	21.64 1.22 0.00	24.21 1.39 0.00	24.46 1.39 0.00	22.15 1.23 0.00	20.47 1.14 0.00
SOUTH HAMPTN___IC 23720	18.95 0.94 0.00	17.51 0.87 0.00	17.62 0.84 0.00	16.70 0.71 0.00	17.62 0.78 0.00	18.34 0.88 0.00	21.19 0.80 0.00	25.42 1.00 0.00	22.57 1.00 0.00	20.79 1.06 0.00	20.55 1.03 0.00	21.30 0.73 0.00	20.38 0.76 0.00	21.03 0.87 0.00	20.50 0.83 0.00	20.38 0.85 0.00	20.57 0.86 0.00	28.32 1.79 0.00	25.60 1.76 0.00	21.72 1.30 0.00	24.18 1.37 0.00	24.30 1.23 0.00	21.99 1.07 0.00	20.47 1.14 0.00
SOUTHDOW__115KV_TB1 355954	17.34 -0.67 0.00	16.04 -0.60 0.00	16.36 -0.42 0.00	15.39 -0.60 0.00	16.07 -0.77 0.00	17.02 -0.44 0.00	19.90 -0.49 0.00	23.63 -0.78 0.00	21.15 -0.42 0.00	19.50 -0.23 0.00	19.27 -0.26 0.00	20.90 0.33 0.00	19.75 0.13 0.00	20.15 -0.01 0.00	19.51 -0.16 0.00	19.11 -0.42 0.00	19.07 -0.65 0.00	26.11 -0.42 0.00	23.36 -0.49 0.00	19.72 -0.70 0.00	21.80 -1.01 0.00	21.76 -1.31 0.00	19.73 -1.19 0.00	18.62 -0.71 0.00
SOUTHOLD_69_KV_BK 2 55809	19.17 1.16 0.00	17.71 1.07 0.00	17.84 1.06 0.00	16.90 0.91 0.00	17.83 0.99 0.00	18.54 1.08 0.00	21.45 1.06 0.00	25.74 1.32 0.00	22.84 1.27 0.00	21.07 1.34 0.00	20.83 1.30 0.00	21.55 0.98 0.00	20.59 0.97 0.00	21.20 1.04 0.00	20.58 0.91 0.00	20.43 0.90 0.00	20.62 0.91 0.00	28.45 1.92 0.00	25.75 1.90 0.00	21.84 1.42 0.00	24.31 1.49 0.00	24.40 1.33 0.00	22.16 1.24 0.00	20.66 1.32 0.00
SOUTHOLD___IC 23719	19.18 1.17 0.00	17.71 1.07 0.00	17.84 1.06 0.00	16.90 0.91 0.00	17.83 0.99 0.00	18.54 1.08 0.00	21.45 1.06 0.00	25.74 1.32 0.00	22.84 1.26 0.00	21.06 1.33 0.00	20.83 1.30 0.00	21.54 0.97 0.00	20.59 0.97 0.00	21.20 1.05 0.00	20.58 0.91 0.00	20.42 0.90 0.00	20.62 0.91 0.00	28.45 1.92 0.00	25.75 1.90 0.00	21.84 1.42 0.00	24.31 1.50 0.00	24.40 1.33 0.00	22.15 1.23 0.00	20.66 1.32 0.00
SOUTH_FORK_WT_PWR 323839	19.19 1.18 0.00	17.73 1.09 0.00	17.85 1.07 0.00	16.91 0.92 0.00	17.84 1.01 0.00	18.54 1.08 0.00	21.44 1.05 0.00	25.72 1.31 0.00	22.81 1.24 0.00	21.07 1.33 0.00	20.85 1.33 0.00	21.55 0.98 0.00	20.58 0.96 0.00	21.18 1.02 0.00	20.48 0.81 0.00	20.29 0.76 0.00	20.49 0.78 0.00	28.27 1.74 0.00	25.59 1.74 0.00	21.70 1.28 0.00	24.16 1.35 0.00	24.25 1.18 0.00	22.07 1.16 0.00	20.63 1.30 0.00
SPIERFLS_115KV_TB 1 80737	18.34 0.33 0.00	17.01 0.37 0.00	17.09 0.31 0.00	16.25 0.26 0.00	17.15 0.31 0.00	17.81 0.35 0.00	20.87 0.49 0.00	25.14 0.72 0.00	22.16 0.59 0.00	20.22 0.49 0.00	20.14 0.61 0.00	21.09 0.52 0.00	20.10 0.48 0.00	20.71 0.55 0.00	20.11 0.44 0.00	20.00 0.47 0.00	20.37 0.66 0.00	27.72 1.20 0.00	24.90 1.05 0.00	21.32 0.90 0.00	23.61 0.80 0.00	23.71 0.64 0.00	21.53 0.61 0.00	19.93 0.60 0.00
ST LAWRENCE____ 23600	18.09 0.08 0.00	16.60 -0.04 0.00	16.73 -0.05 0.00	16.01 0.03 0.00	16.95 0.11 0.00	17.58 0.12 0.00	20.47 0.08 0.00	24.39 -0.02 0.00	21.54 -0.03 0.00	19.77 0.04 0.00	19.58 0.05 0.00	20.68 0.11 0.00	19.68 0.06 0.00	20.19 0.03 0.00	19.70 0.03 0.00	19.51 -0.02 0.00	19.65 -0.06 0.00	26.20 -0.32 0.00	23.46 -0.39 0.00	20.14 -0.28 0.00	22.70 -0.11 0.00	22.98 -0.09 0.00	20.86 -0.06 0.00	19.06 -0.28 0.00
STATE_CA_115KV_115_LB 55624	18.43 0.42 0.00	17.12 0.48 0.00	17.24 0.46 0.00	16.36 0.37 0.00	17.22 0.38 0.00	17.87 0.41 0.00	20.85 0.46 0.00	25.13 0.72 0.00	22.18 0.61 0.00	20.23 0.50 0.00	20.02 0.49 0.00	21.03 0.45 0.00	20.06 0.44 0.00	20.66 0.50 0.00	20.12 0.45 0.00	20.05 0.52 0.00	20.33 0.62 0.00	27.56 1.03 0.00	24.81 0.96 0.00	21.17 0.75 0.00	23.49 0.68 0.00	23.78 0.71 0.00	21.58 0.66 0.00	20.00 0.66 0.00
STATE_ST_34_KV_LOAD 55959	17.91 -0.10 0.00	16.60 -0.04 0.00	16.70 -0.08 0.00	15.93 -0.05 0.00	16.70 -0.13 0.00	17.37 -0.09 0.00	20.41 0.02 0.00	24.32 -0.09 0.00	21.48 -0.09 0.00	19.61 -0.13 0.00	19.30 -0.23 0.00	20.43 -0.14 0.00	19.50 -0.12 0.00	19.93 -0.23 0.00	19.52 -0.16 0.00	19.36 -0.17 0.00	19.59 -0.11 0.00	26.47 -0.06 0.00	23.85 0.00 0.00	20.47 0.04 0.00	22.65 -0.16 0.00	22.87 -0.20 0.00	20.73 -0.19 0.00	19.32 -0.02 0.00
STATION 5_MISC_HYD 23604	17.36 -0.65 0.00	16.08 -0.55 0.00	16.20 -0.58 0.00	15.36 -0.63 0.00	16.08 -0.76 0.00	16.80 -0.67 0.00	19.64 -0.75 0.00	23.27 -1.14 0.00	18.35 -0.99 2.24	18.13 -0.88 0.72	18.58 -0.95 0.00	15.70 -0.63 4.25	18.63 -0.74 0.26	18.50 -0.82 0.84	18.22 -0.83 0.62	17.86 -0.91 0.76	17.81 -0.95 0.94	21.04 -0.98 4.51	20.48 -1.01 2.36	17.99 -0.84 1.59	19.34 -1.06 2.42	19.87 -1.25 1.95	19.51 -1.16 0.25	18.22 -0.93 0.18
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	17.58 -0.43 0.00	16.29 -0.35 0.00	16.41 -0.37 0.00	15.57 -0.41 0.00	16.33 -0.51 0.00	17.05 -0.42 0.00	20.00 -0.39 0.00	23.81 -0.60 0.00	20.98 -0.59 0.00	19.18 -0.56 0.00	18.89 -0.64 0.00	20.12 -0.45 0.00	19.13 -0.49 0.00	19.58 -0.58 0.00	19.12 -0.55 0.00	18.91 -0.62 0.00	19.09 -0.62 0.00	26.00 -0.53 0.00	23.34 -0.51 0.00	19.97 -0.45 0.00	22.17 -0.65 0.00	22.25 -0.82 0.00	20.13 -0.78 0.00	18.75 -0.59 0.00

STA_56___34_KV_BUS2_REV_LBMP_B 345033	17.30 -0.71 0.00	16.03 -0.61 0.00	16.14 -0.63 0.00	15.31 -0.68 0.00	16.03 -0.81 0.00	16.74 -0.72 0.00	19.58 -0.81 0.00	23.23 -1.18 0.00	20.52 -1.05 0.00	18.80 -0.93 0.00	18.53 -1.00 0.00	19.85 -0.72 0.00	18.82 -0.81 0.00	19.26 -0.89 0.00	18.79 -0.88 0.00	18.56 -0.97 0.00	18.71 -1.00 0.00	25.49 -1.04 0.00	22.80 -1.05 0.00	19.52 -0.90 0.00	21.69 -1.12 0.00	21.77 -1.30 0.00	19.70 -1.21 0.00	18.36 -0.98 0.00
STA_56___34_KV_BUS2 355983	17.30 -0.71 0.00	16.03 -0.61 0.00	16.14 -0.63 0.00	15.31 -0.68 0.00	16.03 -0.81 0.00	16.74 -0.72 0.00	19.58 -0.81 0.00	23.23 -1.18 0.00	20.52 -1.05 0.00	18.80 -0.93 0.00	18.53 -1.00 0.00	19.85 -0.72 0.00	18.82 -0.81 0.00	19.26 -0.89 0.00	18.79 -0.88 0.00	18.56 -0.97 0.00	18.71 -1.00 0.00	25.49 -1.04 0.00	22.80 -1.05 0.00	19.52 -0.90 0.00	21.69 -1.12 0.00	21.77 -1.30 0.00	19.70 -1.21 0.00	18.36 -0.98 0.00
STA_67___115KV_BK2 355882	17.33 -0.68 0.00	16.06 -0.58 0.00	16.17 -0.61 0.00	15.33 -0.66 0.00	16.04 -0.79 0.00	16.76 -0.70 0.00	19.60 -0.79 0.00	23.22 -1.19 0.00	20.52 -1.05 0.00	18.81 -0.92 0.00	18.54 -0.99 0.00	19.89 -0.68 0.00	18.84 -0.78 0.00	19.28 -0.88 0.00	18.81 -0.86 0.00	18.56 -0.97 0.00	18.70 -1.01 0.00	25.48 -1.04 0.00	22.78 -1.07 0.00	19.51 -0.91 0.00	21.68 -1.13 0.00	21.76 -1.31 0.00	19.70 -1.22 0.00	18.37 -0.97 0.00
STA_7___115KV_9TRANS 80674	17.43 -0.57 0.00	16.15 -0.49 0.00	16.26 -0.52 0.00	15.41 -0.58 0.00	16.13 -0.70 0.00	16.86 -0.60 0.00	19.72 -0.66 0.00	23.38 -1.03 0.00	20.65 -0.92 0.00	18.92 -0.81 0.00	18.65 -0.88 0.00	20.00 -0.57 0.00	18.95 -0.68 0.00	19.39 -0.77 0.00	18.91 -0.76 0.00	18.67 -0.86 0.00	18.82 -0.89 0.00	25.66 -0.87 0.00	22.95 -0.90 0.00	19.66 -0.76 0.00	21.84 -0.97 0.00	21.91 -1.16 0.00	19.83 -1.09 0.00	18.47 -0.86 0.00
STA_82___115KV_TB1 80780	17.34 -0.67 0.00	16.06 -0.58 0.00	16.18 -0.60 0.00	15.34 -0.65 0.00	16.05 -0.78 0.00	16.78 -0.69 0.00	19.61 -0.78 0.00	23.24 -1.18 0.00	20.53 -1.04 0.00	18.82 -0.92 0.00	18.55 -0.98 0.00	19.90 -0.67 0.00	18.85 -0.78 0.00	19.29 -0.87 0.00	18.82 -0.86 0.00	18.57 -0.96 0.00	18.71 -1.00 0.00	25.49 -1.04 0.00	22.79 -1.06 0.00	19.52 -0.90 0.00	21.70 -1.11 0.00	21.78 -1.30 0.00	19.71 -1.21 0.00	18.37 -0.96 0.00
STEEL___WIND 323596	17.10 -0.91 0.00	15.88 -0.76 0.00	16.00 -0.78 0.00	15.10 -0.88 0.00	15.76 -1.08 0.00	16.58 -0.88 0.00	19.31 -1.07 0.00	22.70 -1.71 0.00	15.07 -1.30 5.20	17.01 -1.04 1.68	18.38 -1.15 0.00	10.12 -0.54 9.91	18.24 -0.79 0.60	17.31 -0.93 1.95	17.31 -0.93 1.43	16.67 -1.09 1.77	16.30 -1.23 2.18	14.79 -1.29 10.44	16.97 -1.41 5.47	15.50 -1.24 3.68	15.70 -1.52 5.60	16.75 -1.81 4.51	18.68 -1.66 0.58	17.57 -1.36 0.41
STEPHTWN_115KV_BK_2 55603	18.47 0.46 0.00	17.14 0.50 0.00	17.27 0.49 0.00	16.38 0.39 0.00	17.25 0.41 0.00	17.93 0.47 0.00	20.95 0.57 0.00	25.28 0.87 0.00	22.29 0.72 0.00	20.32 0.59 0.00	20.08 0.55 0.00	21.07 0.50 0.00	20.15 0.53 0.00	20.69 0.53 0.00	20.16 0.49 0.00	20.09 0.56 0.00	20.38 0.67 0.00	27.64 1.11 0.00	24.91 1.06 0.00	21.24 0.82 0.00	23.60 0.78 0.00	23.85 0.78 0.00	21.64 0.72 0.00	20.04 0.70 0.00
STEUBEN_REC_LFGE 323667	17.07 -0.94 0.00	16.07 -0.56 0.00	16.01 -0.77 0.00	15.24 -0.74 0.00	16.24 -0.60 0.00	16.77 -0.69 0.00	19.92 -0.47 0.00	24.07 -0.35 0.00	21.23 -0.34 0.00	19.45 -0.28 0.00	19.24 -0.29 0.00	20.44 -0.14 0.00	19.52 -0.10 0.00	19.98 -0.18 0.00	19.50 -0.17 0.00	19.15 -0.38 0.00	18.85 -0.86 0.00	25.39 -1.13 0.00	23.15 -0.70 0.00	19.77 -0.65 0.00	21.68 -1.14 0.00	21.57 -1.50 0.00	19.78 -1.14 0.00	18.65 -0.69 0.00
STILLWATER___SOLAR 323814	18.42 0.41 0.00	17.10 0.46 0.00	17.22 0.44 0.00	16.35 0.36 0.00	17.22 0.38 0.00	17.89 0.43 0.00	20.91 0.52 0.00	25.15 0.74 0.00	22.17 0.60 0.00	20.21 0.48 0.00	20.03 0.50 0.00	21.00 0.43 0.00	20.03 0.41 0.00	20.64 0.48 0.00	20.10 0.43 0.00	19.98 0.45 0.00	20.32 0.61 0.00	27.62 1.09 0.00	24.84 0.99 0.00	21.23 0.81 0.00	23.56 0.74 0.00	23.77 0.70 0.00	21.56 0.64 0.00	19.97 0.64 0.00
STONY___BROOK 24151	18.81 0.80 0.00	17.37 0.73 0.00	17.49 0.71 0.00	16.55 0.56 0.00	17.46 0.62 0.00	18.18 0.72 0.00	21.12 0.73 0.00	25.39 0.98 0.00	22.57 1.00 0.00	20.75 1.02 0.00	20.53 1.01 0.00	21.32 0.75 0.00	20.43 0.81 0.00	21.11 0.95 0.00	20.64 0.97 0.00	20.54 1.01 0.00	20.72 1.01 0.00	28.39 1.86 0.00	25.67 1.82 0.00	21.80 1.38 0.00	24.24 1.43 0.00	24.39 1.32 0.00	22.01 1.09 0.00	20.46 1.13 0.00
STURGEON_POOL_HYD 23609	18.27 0.26 0.00	16.92 0.28 0.00	17.06 0.28 0.00	16.17 0.18 0.00	17.05 0.21 0.00	17.74 0.27 0.00	20.78 0.39 0.00	25.22 0.80 0.00	22.39 0.82 0.00	20.44 0.71 0.00	20.17 0.65 0.00	21.09 0.52 0.00	20.19 0.56 0.00	20.77 0.61 0.00	20.32 0.65 0.00	20.26 0.73 0.00	20.49 0.78 0.00	27.85 1.32 0.00	25.18 1.33 0.00	21.49 1.06 0.00	23.79 0.97 0.00	24.06 0.99 0.00	21.75 0.83 0.00	20.16 0.82 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	18.32 0.31 0.00	16.97 0.33 0.00	17.10 0.32 0.00	16.21 0.22 0.00	17.08 0.25 0.00	17.78 0.32 0.00	20.84 0.45 0.00	25.32 0.90 0.00	22.43 0.86 0.00	20.47 0.74 0.00	20.19 0.67 0.00	21.12 0.54 0.00	20.20 0.58 0.00	20.80 0.64 0.00	20.34 0.67 0.00	20.28 0.76 0.00	20.51 0.81 0.00	27.89 1.36 0.00	25.20 1.35 0.00	21.50 1.07 0.00	23.82 1.00 0.00	24.10 1.03 0.00	21.79 0.88 0.00	20.21 0.87 0.00
SWANROAD_115KV_TB1 355699	16.64 -1.37 0.00	15.49 -1.16 0.00	15.59 -1.19 0.00	14.72 -1.27 0.00	15.35 -1.49 0.00	16.13 -1.34 0.00	18.65 -1.74 0.00	21.86 -2.56 0.00	19.43 -2.14 0.00	17.94 -1.79 0.00	17.63 -1.90 0.00	19.18 -1.39 0.00	18.01 -1.61 0.00	18.40 -1.76 0.00	17.96 -1.71 0.00	17.68 -1.85 0.00	17.79 -1.92 0.00	24.25 -2.28 0.00	21.48 -2.38 0.00	18.43 -1.99 0.00	20.49 -2.32 0.00	20.50 -2.56 0.00	18.53 -2.38 0.00	17.37 -1.97 0.00
SYNERGY___BIOGAS 323694	17.35 -0.66 0.00	16.10 -0.54 0.00	16.22 -0.56 0.00	15.34 -0.65 0.00	16.04 -0.80 0.00	16.86 -0.60 0.00	19.66 -0.73 0.00	23.22 -1.19 0.00	17.06 -1.04 3.47	17.65 -0.96 1.12	18.38 -1.15 0.00	13.37 -0.61 6.60	18.35 -0.87 0.40	17.88 -0.98 1.31	17.69 -1.01 0.98	17.24 -1.08 1.21	17.15 -1.06 1.49	18.41 -0.98 7.14	19.03 -1.08 3.74	17.03 -0.88 2.52	17.85 -1.13 3.83	18.57 -1.41 3.08	19.17 -1.35 0.40	17.96 -1.09 0.28
SYRACUSE___ENERGY_ST1 323597	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00

SYRACUSE___ENERGY_ST2 323598	17.86 -0.15 0.00	16.52 -0.12 0.00	16.65 -0.13 0.00	15.84 -0.15 0.00	16.62 -0.22 0.00	17.24 -0.22 0.00	20.21 -0.18 0.00	24.16 -0.25 0.00	21.32 -0.25 0.00	19.47 -0.26 0.00	19.24 -0.28 0.00	20.33 -0.24 0.00	19.40 -0.22 0.00	19.90 -0.26 0.00	19.44 -0.23 0.00	19.29 -0.24 0.00	19.49 -0.22 0.00	26.37 -0.15 0.00	23.72 -0.12 0.00	20.31 -0.11 0.00	22.57 -0.24 0.00	22.76 -0.31 0.00	20.64 -0.28 0.00	19.24 -0.09 0.00
SYRACUSE___POWER 24017	17.84 -0.17 0.00	16.50 -0.14 0.00	16.64 -0.14 0.00	15.82 -0.16 0.00	16.60 -0.23 0.00	17.23 -0.23 0.00	20.18 -0.20 0.00	24.17 -0.25 0.00	21.30 -0.27 0.00	19.45 -0.28 0.00	19.23 -0.29 0.00	20.31 -0.25 0.00	19.39 -0.23 0.00	19.89 -0.27 0.00	19.42 -0.25 0.00	19.26 -0.27 0.00	19.44 -0.27 0.00	26.32 -0.21 0.00	23.68 -0.17 0.00	20.26 -0.16 0.00	22.55 -0.26 0.00	22.75 -0.32 0.00	20.63 -0.29 0.00	19.22 -0.11 0.00
TALLMAN__138KV_BK151 55660	18.38 0.37 0.00	17.02 0.38 0.00	17.15 0.37 0.00	16.25 0.26 0.00	17.13 0.30 0.00	17.84 0.37 0.00	20.92 0.53 0.00	25.31 0.89 0.00	22.42 0.85 0.00	20.47 0.74 0.00	20.19 0.67 0.00	21.11 0.54 0.00	20.24 0.62 0.00	20.85 0.70 0.00	20.38 0.71 0.00	20.31 0.78 0.00	20.52 0.81 0.00	27.88 1.36 0.00	25.20 1.35 0.00	21.50 1.07 0.00	23.81 1.00 0.00	24.10 1.03 0.00	21.80 0.89 0.00	20.22 0.89 0.00
TEALLAVE_115KV_TB7 355573	17.75 -0.26 0.00	16.43 -0.22 0.00	16.56 -0.22 0.00	15.74 -0.24 0.00	16.52 -0.32 0.00	17.13 -0.33 0.00	20.06 -0.33 0.00	24.02 -0.40 0.00	21.17 -0.40 0.00	19.35 -0.38 0.00	19.14 -0.39 0.00	20.22 -0.35 0.00	19.30 -0.33 0.00	19.80 -0.36 0.00	19.33 -0.35 0.00	19.16 -0.37 0.00	19.33 -0.38 0.00	26.14 -0.39 0.00	23.51 -0.34 0.00	20.11 -0.31 0.00	22.40 -0.41 0.00	22.61 -0.46 0.00	20.50 -0.42 0.00	19.12 -0.21 0.00
TELGRAPH_34_KV_EAST 80808	17.07 -0.95 0.00	15.85 -0.79 0.00	15.97 -0.81 0.00	15.09 -0.90 0.00	15.76 -1.07 0.00	16.57 -0.90 0.00	19.26 -1.13 0.00	22.71 -1.70 0.00	20.11 -1.46 0.00	18.49 -1.24 0.00	18.13 -1.39 0.00	19.71 -0.86 0.00	18.50 -1.12 0.00	18.90 -1.26 0.00	18.42 -1.25 0.00	18.15 -1.38 0.00	18.31 -1.40 0.00	25.02 -1.50 0.00	22.25 -1.60 0.00	19.07 -1.35 0.00	21.18 -1.63 0.00	21.18 -1.89 0.00	19.14 -1.78 0.00	17.89 -1.44 0.00
TEMPLE___115KV_TB 2 55572	17.76 -0.25 0.00	16.43 -0.21 0.00	16.57 -0.21 0.00	15.76 -0.23 0.00	16.53 -0.31 0.00	17.14 -0.32 0.00	20.07 -0.31 0.00	24.03 -0.39 0.00	21.18 -0.39 0.00	19.36 -0.37 0.00	19.15 -0.38 0.00	20.23 -0.34 0.00	19.31 -0.32 0.00	19.81 -0.35 0.00	19.34 -0.33 0.00	19.17 -0.36 0.00	19.35 -0.36 0.00	26.16 -0.36 0.00	23.53 -0.32 0.00	20.13 -0.29 0.00	22.41 -0.40 0.00	22.62 -0.45 0.00	20.51 -0.41 0.00	19.13 -0.21 0.00
TIANA____69_KV_BK 1 55817	18.90 0.89 0.00	17.46 0.82 0.00	17.58 0.80 0.00	16.66 0.67 0.00	17.57 0.73 0.00	18.30 0.84 0.00	21.14 0.76 0.00	25.36 0.95 0.00	22.53 0.96 0.00	20.76 1.03 0.00	20.51 0.98 0.00	21.25 0.68 0.00	20.34 0.72 0.00	20.99 0.82 0.00	20.49 0.82 0.00	20.39 0.87 0.00	20.57 0.86 0.00	28.31 1.79 0.00	25.60 1.75 0.00	21.72 1.29 0.00	24.18 1.37 0.00	24.30 1.23 0.00	21.97 1.06 0.00	20.44 1.10 0.00
TILDEN___115KV_TB1 80814	17.84 -0.17 0.00	16.50 -0.14 0.00	16.64 -0.14 0.00	15.82 -0.16 0.00	16.60 -0.23 0.00	17.23 -0.23 0.00	20.18 -0.20 0.00	24.17 -0.25 0.00	21.30 -0.27 0.00	19.45 -0.28 0.00	19.23 -0.29 0.00	20.31 -0.25 0.00	19.39 -0.23 0.00	19.89 -0.27 0.00	19.42 -0.25 0.00	19.26 -0.27 0.00	19.44 -0.27 0.00	26.32 -0.21 0.00	23.68 -0.17 0.00	20.26 -0.16 0.00	22.55 -0.26 0.00	22.75 -0.32 0.00	20.63 -0.29 0.00	19.22 -0.11 0.00
TRIGEN___CC 323695	18.63 0.62 0.00	17.24 0.60 0.00	17.34 0.56 0.00	16.43 0.44 0.00	17.31 0.48 0.00	18.04 0.57 0.00	21.07 0.69 0.00	25.42 1.00 0.00	22.56 1.00 0.00	20.71 0.98 0.00	20.47 0.95 0.00	21.34 0.76 0.00	20.46 0.83 0.00	21.12 0.96 0.00	20.64 0.96 0.00	20.56 1.03 0.00	20.73 1.02 0.00	28.21 1.68 0.00	25.52 1.67 0.00	21.72 1.29 0.00	24.10 1.29 0.00	24.33 1.26 0.00	21.99 1.07 0.00	20.41 1.07 0.00
TRINITY__115KV__ 4 BK 55933	18.35 0.34 0.00	17.04 0.40 0.00	17.17 0.39 0.00	16.29 0.30 0.00	17.14 0.31 0.00	17.79 0.32 0.00	20.73 0.35 0.00	24.98 0.57 0.00	22.04 0.47 0.00	20.11 0.38 0.00	19.90 0.38 0.00	20.90 0.32 0.00	19.94 0.32 0.00	20.53 0.38 0.00	20.01 0.34 0.00	19.92 0.40 0.00	20.21 0.50 0.00	27.38 0.85 0.00	24.65 0.80 0.00	21.04 0.62 0.00	23.36 0.55 0.00	23.65 0.58 0.00	21.47 0.56 0.00	19.90 0.56 0.00
UNION___PROCESSING_DRP 323587	17.35 -0.67 0.00	16.07 -0.57 0.00	16.18 -0.60 0.00	15.34 -0.65 0.00	16.06 -0.78 0.00	16.78 -0.69 0.00	19.62 -0.77 0.00	23.24 -1.17 0.00	20.54 -1.03 0.00	18.82 -0.91 0.00	18.55 -0.97 0.00	19.90 -0.67 0.00	18.85 -0.77 0.00	19.29 -0.86 0.00	18.82 -0.85 0.00	18.58 -0.95 0.00	18.72 -0.99 0.00	25.50 -1.03 0.00	22.80 -1.05 0.00	19.53 -0.89 0.00	21.71 -1.10 0.00	21.78 -1.29 0.00	19.71 -1.20 0.00	18.38 -0.96 0.00
UPPER HUDSON___HYD 24058	18.34 0.33 0.00	17.01 0.36 0.00	17.09 0.31 0.00	16.25 0.26 0.00	17.15 0.31 0.00	17.81 0.35 0.00	20.87 0.49 0.00	25.13 0.72 0.00	22.16 0.59 0.00	20.22 0.49 0.00	20.14 0.61 0.00	21.09 0.52 0.00	20.10 0.48 0.00	20.71 0.55 0.00	20.11 0.44 0.00	19.99 0.46 0.00	20.36 0.66 0.00	27.73 1.20 0.00	24.90 1.05 0.00	21.33 0.91 0.00	23.61 0.80 0.00	23.71 0.64 0.00	21.53 0.61 0.00	19.93 0.60 0.00
UPPER RAQUET___HYD 24056	18.37 0.36 0.00	16.81 0.17 0.00	16.91 0.13 0.00	16.22 0.24 0.00	17.26 0.42 0.00	17.88 0.42 0.00	20.77 0.39 0.00	24.76 0.34 0.00	21.76 0.19 0.00	19.98 0.25 0.00	19.73 0.21 0.00	20.86 0.28 0.00	19.75 0.13 0.00	20.28 0.12 0.00	19.76 0.09 0.00	19.43 -0.10 0.00	19.49 -0.22 0.00	26.04 -0.49 0.00	23.32 -0.53 0.00	20.05 -0.37 0.00	22.78 -0.03 0.00	23.06 -0.01 0.00	21.01 0.09 0.00	19.55 -0.29 -0.51
VALLEY44_115KV_TB2 355964	17.47 -0.54 0.00	16.20 -0.44 0.00	16.39 -0.39 0.00	15.51 -0.48 0.00	16.30 -0.53 0.00	17.03 -0.43 0.00	19.86 -0.53 0.00	23.48 -0.94 0.00	20.94 -0.63 0.00	19.23 -0.50 0.00	18.99 -0.53 0.00	20.73 0.16 0.00	19.65 0.03 0.00	20.11 -0.05 0.00	19.52 -0.15 0.00	19.23 -0.29 0.00	19.17 -0.54 0.00	26.04 -0.48 0.00	23.17 -0.68 0.00	19.79 -0.63 0.00	21.97 -0.84 0.00	22.05 -1.02 0.00	20.08 -0.84 0.00	18.85 -0.49 0.00
VALLEY___115KV_TB 1-4 80826	17.77 -0.24 0.00	16.49 -0.15 0.00	16.64 -0.14 0.00	15.81 -0.18 0.00	16.62 -0.21 0.00	17.24 -0.22 0.00	20.14 -0.24 0.00	24.21 -0.20 0.00	21.37 -0.20 0.00	19.49 -0.25 0.00	19.31 -0.21 0.00	20.27 -0.29 0.00	19.34 -0.28 0.00	19.95 -0.21 0.00	19.42 -0.25 0.00	19.30 -0.23 0.00	19.52 -0.19 0.00	26.44 -0.09 0.00	23.85 0.00 0.00	20.35 -0.07 0.00	22.60 -0.21 0.00	22.83 -0.24 0.00	20.68 -0.23 0.00	19.14 -0.19 0.00

VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	18.44 0.43 0.00	17.09 0.45 0.00	17.22 0.45 0.00	16.37 0.38 0.00	17.25 0.41 0.00	17.91 0.45 0.00	20.97 0.58 0.00	24.96 0.54 0.00	22.04 0.47 0.00	20.15 0.42 0.00	20.04 0.52 0.00	20.98 0.40 0.00	20.01 0.39 0.00	20.55 0.39 0.00	20.08 0.41 0.00	19.95 0.42 0.00	20.14 0.43 0.00	27.24 0.72 0.00	24.56 0.71 0.00	20.98 0.55 0.00	23.31 0.49 0.00	23.53 0.46 0.00	21.33 0.42 0.00	19.79 0.45 0.00
VISCHER___FERRY HYD 24020	18.29 0.27 0.00	17.00 0.36 0.00	17.12 0.34 0.00	16.24 0.25 0.00	17.08 0.24 0.00	17.72 0.25 0.00	20.66 0.27 0.00	24.86 0.45 0.00	21.90 0.33 0.00	19.97 0.24 0.00	19.78 0.25 0.00	20.76 0.19 0.00	19.80 0.18 0.00	20.41 0.25 0.00	19.87 0.19 0.00	19.78 0.25 0.00	20.08 0.37 0.00	27.22 0.69 0.00	24.50 0.65 0.00	20.93 0.51 0.00	23.22 0.41 0.00	23.52 0.45 0.00	21.35 0.44 0.00	19.80 0.47 0.00
V_A_10_SYNC_DSASP 323832	16.89 -1.11 0.00	15.67 -0.97 0.00	15.78 -0.99 0.00	14.93 -1.06 0.00	15.59 -1.25 0.00	16.33 -1.13 0.00	19.02 -1.37 0.00	22.41 -2.00 0.00	16.25 -1.66 3.67	17.11 -1.43 1.19	18.02 -1.51 0.00	12.56 -1.04 6.98	18.00 -1.20 0.42	17.47 -1.32 1.37	17.33 -1.34 1.01	16.83 -1.46 1.25	16.60 -1.57 1.53	17.36 -1.82 7.34	18.14 -1.86 3.85	16.28 -1.55 2.59	17.04 -1.83 3.94	17.85 -2.05 3.17	18.65 -1.86 0.41	17.50 -1.55 0.29
V_CMM_10_SYNC_DSASP 323787	18.17 0.16 0.00	16.68 0.04 0.00	16.81 0.03 0.00	16.08 0.09 0.00	17.02 0.19 0.00	17.66 0.20 0.00	20.56 0.17 0.00	24.50 0.09 0.00	21.64 0.07 0.00	19.86 0.13 0.00	19.67 0.14 0.00	20.78 0.21 0.00	19.77 0.14 0.00	20.28 0.13 0.00	19.80 0.12 0.00	19.59 0.07 0.00	19.75 0.04 0.00	26.33 -0.20 0.00	23.57 -0.28 0.00	20.24 -0.18 0.00	22.80 -0.01 0.00	23.09 0.02 0.00	20.95 0.03 0.00	19.14 -0.19 0.00
V_CMP_10_SYNC_DSASP 323788	18.95 0.94 0.00	17.38 0.74 0.00	17.51 0.73 0.00	16.66 0.67 0.00	17.52 0.68 0.00	18.15 0.68 0.00	21.13 0.75 0.00	25.28 0.87 0.00	22.26 0.69 0.00	20.22 0.49 0.00	20.05 0.52 0.00	21.19 0.62 0.00	20.17 0.54 0.00	20.69 0.53 0.00	20.15 0.48 0.00	19.93 0.40 0.00	20.00 0.29 0.00	26.27 -0.25 0.00	23.42 -0.43 0.00	20.15 -0.28 0.00	22.56 -0.25 0.00	22.80 -0.27 0.00	20.47 -0.45 0.00	15.28 -0.76 3.30
V_D_10_SYNC_DSASP 323841	18.31 0.30 0.00	16.79 0.16 0.00	16.92 0.14 0.00	16.19 0.21 0.00	17.20 0.36 0.00	17.84 0.38 0.00	20.71 0.33 0.00	24.68 0.27 0.00	21.78 0.21 0.00	19.99 0.26 0.00	19.79 0.26 0.00	20.92 0.34 0.00	19.88 0.25 0.00	20.40 0.24 0.00	19.90 0.23 0.00	19.68 0.15 0.00	19.83 0.12 0.00	26.45 -0.07 0.00	23.69 -0.16 0.00	20.34 -0.09 0.00	22.93 0.12 0.00	23.21 0.14 0.00	21.13 0.21 0.00	19.33 -0.09 -0.09
V_E_10_SYNC_DSASP 323830	18.96 0.95 0.00	17.57 0.93 0.00	17.61 0.83 0.00	16.65 0.66 0.00	17.56 0.72 0.00	18.29 0.82 0.00	21.60 1.22 0.00	25.85 1.44 0.00	23.98 1.11 -1.29	21.04 0.89 -0.42	20.30 0.77 0.00	24.00 0.85 -2.58	20.63 0.85 -0.16	21.58 0.92 -0.51	20.97 0.93 -0.37	20.89 0.90 -0.46	21.07 0.79 -0.57	30.66 1.40 -2.72	26.69 1.41 -1.43	22.46 1.08 -0.96	25.20 0.93 -1.46	25.05 0.81 -1.18	21.97 0.91 -0.15	20.47 1.02 -0.11
V_F_30_NSYNC___DSASP 323816	18.46 0.44 0.00	17.12 0.48 0.00	17.24 0.46 0.00	16.38 0.39 0.00	17.25 0.41 0.00	17.92 0.45 0.00	20.95 0.56 0.00	25.20 0.79 0.00	22.21 0.64 0.00	20.26 0.52 0.00	20.07 0.54 0.00	21.06 0.48 0.00	20.08 0.46 0.00	20.69 0.53 0.00	20.15 0.47 0.00	20.03 0.50 0.00	20.36 0.65 0.00	27.67 1.14 0.00	24.88 1.03 0.00	21.26 0.84 0.00	23.60 0.78 0.00	23.81 0.74 0.00	21.59 0.67 0.00	20.00 0.66 0.00
V_F_30_SYNC_DSASP 323786	18.43 0.42 0.00	17.12 0.48 0.00	17.24 0.46 0.00	16.36 0.37 0.00	17.22 0.38 0.00	17.87 0.41 0.00	20.84 0.45 0.00	25.12 0.71 0.00	22.17 0.60 0.00	20.23 0.49 0.00	20.02 0.49 0.00	21.02 0.45 0.00	20.06 0.44 0.00	20.66 0.50 0.00	20.12 0.45 0.00	20.05 0.52 0.00	20.32 0.61 0.00	27.55 1.03 0.00	24.81 0.96 0.00	21.17 0.75 0.00	23.49 0.68 0.00	23.77 0.71 0.00	21.58 0.66 0.00	19.99 0.66 0.00
V_XM_10_SYNC_DSASP 323789	18.95 0.94 0.00	17.38 0.74 0.00	17.51 0.73 0.00	16.66 0.67 0.00	17.52 0.68 0.00	18.15 0.68 0.00	21.13 0.75 0.00	25.28 0.87 0.00	22.26 0.69 0.00	20.22 0.49 0.00	20.05 0.52 0.00	21.19 0.62 0.00	20.17 0.54 0.00	20.69 0.53 0.00	20.15 0.48 0.00	19.93 0.40 0.00	20.00 0.29 0.00	26.27 -0.25 0.00	23.42 -0.43 0.00	20.15 -0.28 0.00	22.56 -0.25 0.00	22.80 -0.27 0.00	20.47 -0.45 0.00	15.28 -0.76 3.30
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	18.44 0.43 0.00	17.07 0.43 0.00	17.20 0.42 0.00	16.30 0.31 0.00	17.18 0.35 0.00	17.89 0.43 0.00	20.98 0.60 0.00	25.39 0.98 0.00	22.51 0.94 0.00	20.55 0.81 0.00	20.27 0.74 0.00	21.20 0.63 0.00	20.31 0.69 0.00	20.93 0.77 0.00	20.46 0.79 0.00	20.39 0.87 0.00	20.61 0.89 0.00	28.00 1.47 0.00	25.30 1.45 0.00	21.58 1.16 0.00	23.90 1.09 0.00	24.20 1.13 0.00	21.87 0.96 0.00	20.29 0.95 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	18.39 0.38 0.00	17.05 0.41 0.00	17.16 0.38 0.00	16.26 0.27 0.00	17.11 0.27 0.00	17.82 0.36 0.00	20.90 0.51 0.00	25.32 0.91 0.00	22.47 0.90 0.00	20.54 0.81 0.00	20.29 0.76 0.00	21.21 0.64 0.00	20.34 0.72 0.00	20.95 0.80 0.00	20.48 0.81 0.00	20.44 0.91 0.00	20.63 0.92 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.57 1.15 0.00	23.87 1.06 0.00	24.17 1.11 0.00	21.82 0.90 0.00	20.23 0.90 0.00
W50THST__13_KV_LOAD 356117	18.49 0.48 0.00	17.16 0.52 0.00	17.28 0.50 0.00	16.36 0.37 0.00	17.22 0.38 0.00	17.94 0.47 0.00	21.05 0.66 0.00	25.51 1.10 0.00	22.62 1.05 0.00	20.68 0.95 0.00	20.44 0.91 0.00	21.37 0.80 0.00	20.49 0.87 0.00	21.11 0.95 0.00	20.64 0.97 0.00	20.59 1.06 0.00	20.78 1.07 0.00	28.23 1.70 0.00	25.50 1.65 0.00	21.72 1.30 0.00	24.02 1.21 0.00	24.31 1.24 0.00	21.93 1.01 0.00	20.33 0.99 0.00
WADING RIVER_IC_1 23522	18.78 0.77 0.00	17.35 0.71 0.00	17.46 0.68 0.00	16.54 0.55 0.00	17.45 0.61 0.00	18.17 0.70 0.00	20.95 0.57 0.00	25.15 0.73 0.00	22.34 0.77 0.00	20.57 0.83 0.00	20.32 0.80 0.00	21.09 0.52 0.00	20.20 0.58 0.00	20.86 0.70 0.00	20.39 0.71 0.00	20.29 0.76 0.00	20.45 0.74 0.00	28.13 1.60 0.00	25.42 1.56 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.14 1.07 0.00	21.81 0.89 0.00	20.29 0.96 0.00
WADING RIVER_IC_2 23547	18.78 0.77 0.00	17.35 0.71 0.00	17.46 0.68 0.00	16.54 0.55 0.00	17.45 0.61 0.00	18.17 0.70 0.00	20.95 0.57 0.00	25.15 0.73 0.00	22.34 0.77 0.00	20.57 0.83 0.00	20.32 0.80 0.00	21.09 0.52 0.00	20.20 0.58 0.00	20.86 0.70 0.00	20.39 0.71 0.00	20.29 0.76 0.00	20.45 0.74 0.00	28.13 1.60 0.00	25.42 1.56 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.14 1.07 0.00	21.81 0.89 0.00	20.29 0.96 0.00



WADING RIVER_IC_3 23601	18.78 0.77 0.00	17.35 0.71 0.00	17.46 0.68 0.00	16.54 0.55 0.00	17.45 0.61 0.00	18.17 0.70 0.00	20.95 0.57 0.00	25.15 0.73 0.00	22.34 0.77 0.00	20.57 0.83 0.00	20.32 0.80 0.00	21.09 0.52 0.00	20.20 0.58 0.00	20.86 0.70 0.00	20.39 0.71 0.00	20.29 0.76 0.00	20.45 0.74 0.00	28.13 1.60 0.00	25.42 1.56 0.00	21.56 1.14 0.00	24.02 1.21 0.00	24.14 1.07 0.00	21.81 0.89 0.00	20.29 0.96 0.00
WALDENNY_I2_KV_BK2 80841	17.10 -0.91 0.00	15.88 -0.76 0.00	16.01 -0.78 0.00	15.10 -0.88 0.00	15.76 -1.07 0.00	16.58 -0.89 0.00	19.29 -1.09 0.00	22.67 -1.74 0.00	20.23 -1.34 0.00	18.67 -1.06 0.00	18.37 -1.15 0.00	20.00 -0.57 0.00	18.81 -0.82 0.00	19.22 -0.94 0.00	18.73 -0.94 0.00	18.40 -1.13 0.00	18.46 -1.25 0.00	25.21 -1.32 0.00	22.40 -1.45 0.00	19.15 -1.28 0.00	21.27 -1.54 0.00	21.25 -1.82 0.00	19.23 -1.69 0.00	17.98 -1.36 0.00
WALDEN___HYDRO 24148	18.45 0.44 0.00	17.08 0.44 0.00	17.21 0.43 0.00	16.32 0.33 0.00	17.20 0.37 0.00	17.91 0.45 0.00	21.01 0.62 0.00	25.45 1.04 0.00	22.55 0.98 0.00	20.57 0.83 0.00	20.28 0.75 0.00	21.20 0.63 0.00	20.24 0.62 0.00	20.81 0.66 0.00	20.37 0.70 0.00	20.37 0.84 0.00	20.62 0.91 0.00	28.04 1.52 0.00	25.34 1.50 0.00	21.63 1.21 0.00	23.97 1.16 0.00	24.23 1.16 0.00	21.90 0.99 0.00	20.30 0.96 0.00
WARRENSBURG____ 23737	18.34 0.33 0.00	17.01 0.36 0.00	17.09 0.31 0.00	16.25 0.26 0.00	17.15 0.31 0.00	17.81 0.35 0.00	20.87 0.49 0.00	25.13 0.72 0.00	22.16 0.59 0.00	20.22 0.49 0.00	20.14 0.61 0.00	21.09 0.52 0.00	20.10 0.48 0.00	20.71 0.55 0.00	20.11 0.44 0.00	19.99 0.46 0.00	20.36 0.66 0.00	27.73 1.20 0.00	24.90 1.05 0.00	21.33 0.91 0.00	23.61 0.80 0.00	23.71 0.64 0.00	21.53 0.61 0.00	19.93 0.60 0.00
WATERSIDE___6 8 9 23538	18.37 0.36 0.00	17.02 0.38 0.00	17.14 0.36 0.00	16.23 0.24 0.00	17.09 0.25 0.00	17.79 0.33 0.00	20.88 0.49 0.00	25.30 0.88 0.00	22.46 0.89 0.00	20.53 0.80 0.00	20.28 0.75 0.00	21.21 0.64 0.00	20.33 0.71 0.00	20.94 0.79 0.00	20.49 0.82 0.00	20.42 0.89 0.00	20.63 0.91 0.00	28.02 1.49 0.00	25.32 1.47 0.00	21.58 1.16 0.00	23.87 1.06 0.00	24.16 1.09 0.00	21.81 0.89 0.00	20.22 0.88 0.00
WATKINRD_115KV_LN8_ILLION 55919	17.91 -0.10 0.00	16.61 -0.03 0.00	16.74 -0.04 0.00	15.91 -0.08 0.00	16.74 -0.10 0.00	17.37 -0.09 0.00	20.31 -0.08 0.00	24.41 -0.01 0.00	21.54 -0.03 0.00	19.65 -0.09 0.00	19.44 -0.09 0.00	20.40 -0.17 0.00	19.46 -0.16 0.00	20.05 -0.11 0.00	19.55 -0.12 0.00	19.43 -0.10 0.00	19.67 -0.04 0.00	26.64 0.11 0.00	24.03 0.18 0.00	20.53 0.10 0.00	22.81 0.00 0.00	23.06 -0.01 0.00	20.89 -0.03 0.00	19.33 -0.01 0.00
WATSON___69_KV_BK 1 55734	18.91 0.90 0.00	17.47 0.83 0.00	17.58 0.81 0.00	16.67 0.67 0.00	17.57 0.74 0.00	18.30 0.84 0.00	21.31 0.92 0.00	25.62 1.20 0.00	22.77 1.21 0.00	20.93 1.20 0.00	20.70 1.17 0.00	21.52 0.94 0.00	20.60 0.98 0.00	21.29 1.13 0.00	20.84 1.17 0.00	20.77 1.25 0.00	20.96 1.25 0.00	28.67 2.14 0.00	25.92 2.07 0.00	22.01 1.59 0.00	24.45 1.64 0.00	24.60 1.53 0.00	22.23 1.31 0.00	20.66 1.32 0.00
WDELAWARE___HYD 323627	18.20 0.19 0.00	16.84 0.20 0.00	16.98 0.19 0.00	16.10 0.11 0.00	16.98 0.14 0.00	17.69 0.22 0.00	20.72 0.34 0.00	25.07 0.65 0.00	22.37 0.80 0.00	20.48 0.74 0.00	20.16 0.64 0.00	21.04 0.47 0.00	19.60 -0.02 0.00	20.06 -0.10 0.00	19.64 -0.04 0.00	19.61 0.08 0.00	19.95 0.24 0.00	27.18 0.66 0.00	24.60 0.74 0.00	21.04 0.62 0.00	23.88 1.06 0.00	24.12 1.05 0.00	21.74 0.82 0.00	20.16 0.83 0.00
WEST BABYLON___IC 23714	18.88 0.87 0.00	17.44 0.80 0.00	17.55 0.77 0.00	16.63 0.64 0.00	17.53 0.70 0.00	18.27 0.80 0.00	21.28 0.89 0.00	25.60 1.19 0.00	22.76 1.19 0.00	20.90 1.17 0.00	20.66 1.13 0.00	21.48 0.91 0.00	20.58 0.95 0.00	21.29 1.13 0.00	20.82 1.15 0.00	20.76 1.23 0.00	20.94 1.23 0.00	28.61 2.08 0.00	25.87 2.02 0.00	21.99 1.57 0.00	24.41 1.60 0.00	24.58 1.51 0.00	22.22 1.30 0.00	20.63 1.29 0.00
WEST CANADA___HYD 24049	18.02 0.01 0.00	16.67 0.03 0.00	16.81 0.03 0.00	16.00 0.02 0.00	16.84 0.00 0.00	17.47 0.00 0.00	20.39 0.01 0.00	24.48 0.07 0.00	21.61 0.04 0.00	19.75 0.02 0.00	19.54 0.02 0.00	20.56 -0.01 0.00	19.62 0.00 0.00	20.18 0.02 0.00	19.68 0.00 0.00	19.55 0.02 0.00	19.75 0.04 0.00	26.66 0.13 0.00	23.99 0.14 0.00	20.52 0.10 0.00	22.86 0.05 0.00	23.12 0.06 0.00	20.96 0.04 0.00	19.42 0.08 0.00
WESTERN_NY_WIND 24143	17.32 -0.69 0.00	16.08 -0.56 0.00	16.20 -0.58 0.00	15.32 -0.67 0.00	16.01 -0.82 0.00	16.84 -0.63 0.00	19.62 -0.76 0.00	23.17 -1.24 0.00	20.45 -1.11 0.00	18.73 -1.00 0.00	18.35 -1.17 0.00	19.92 -0.65 0.00	18.70 -0.92 0.00	19.13 -1.03 0.00	18.64 -1.03 0.00	18.38 -1.15 0.00	18.60 -1.11 0.00	25.48 -1.05 0.00	22.71 -1.14 0.00	19.47 -0.95 0.00	21.61 -1.21 0.00	21.59 -1.48 0.00	19.50 -1.42 0.00	18.20 -1.14 0.00
WESTOVER___LESR 323668	17.77 -0.24 0.00	16.46 -0.18 0.00	16.63 -0.15 0.00	15.79 -0.20 0.00	16.60 -0.23 0.00	17.26 -0.20 0.00	20.24 -0.15 0.00	24.42 0.00 0.00	21.54 -0.03 0.00	19.66 -0.07 0.00	19.50 -0.03 0.00	20.57 0.00 0.00	19.67 0.05 0.00	20.18 0.02 0.00	19.71 0.04 0.00	19.54 0.01 0.00	19.67 -0.04 0.00	26.68 0.15 0.00	24.06 0.21 0.00	20.53 0.11 0.00	22.80 -0.01 0.00	22.98 -0.09 0.00	20.85 -0.07 0.00	19.39 0.05 0.00
WETHRSFD_WT_PWR 323626	16.72 -1.29 0.00	15.53 -1.11 0.00	15.65 -1.13 0.00	14.77 -1.22 0.00	15.42 -1.41 0.00	16.25 -1.22 0.00	18.91 -1.48 0.00	22.27 -2.14 0.00	15.00 -1.57 4.99	16.83 -1.28 1.61	18.17 -1.36 0.00	10.31 -0.75 9.51	18.05 -1.00 0.57	17.15 -1.15 1.86	17.10 -1.21 1.36	16.48 -1.37 1.69	16.12 -1.51 2.07	14.95 -1.64 9.93	16.90 -1.75 5.20	15.29 -1.64 3.50	15.48 -2.00 5.33	16.43 -2.35 4.29	18.20 -2.16 0.55	17.09 -1.85 0.39
WHAVSTOR_138KV_BK127 55557	18.37 0.35 0.00	17.00 0.36 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.11 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.86 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.17 0.64 0.00	21.09 0.52 0.00	20.21 0.59 0.00	20.83 0.67 0.00	20.35 0.68 0.00	20.29 0.76 0.00	20.50 0.79 0.00	27.86 1.33 0.00	25.17 1.32 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.08 1.01 0.00	21.77 0.86 0.00	20.20 0.86 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	18.37 0.35 0.00	17.00 0.36 0.00	17.13 0.35 0.00	16.24 0.25 0.00	17.11 0.28 0.00	17.82 0.35 0.00	20.88 0.50 0.00	25.28 0.86 0.00	22.40 0.83 0.00	20.45 0.71 0.00	20.17 0.64 0.00	21.09 0.52 0.00	20.21 0.59 0.00	20.83 0.67 0.00	20.35 0.68 0.00	20.29 0.76 0.00	20.50 0.79 0.00	27.86 1.33 0.00	25.17 1.32 0.00	21.47 1.05 0.00	23.78 0.97 0.00	24.08 1.01 0.00	21.77 0.86 0.00	20.20 0.86 0.00

WHITEHAL_115KV_TB1 80871	18.52 0.51 0.00	17.18 0.54 0.00	17.26 0.47 0.00	16.34 0.35 0.00	17.39 0.55 0.00	18.09 0.63 0.00	21.14 0.75 0.00	25.44 1.03 0.00	22.41 0.84 0.00	20.44 0.71 0.00	20.47 0.94 0.00	21.34 0.77 0.00	20.36 0.73 0.00	21.08 0.92 0.00	20.49 0.81 0.00	20.42 0.89 0.00	20.83 1.12 0.00	28.58 2.05 0.00	25.59 1.74 0.00	21.95 1.53 0.00	24.16 1.35 0.00	24.13 1.06 0.00	21.95 1.04 0.00	20.42 1.08 0.00
WHITEPLN_13_KV_LOAD 356215	18.55 0.54 0.00	17.17 0.53 0.00	17.29 0.51 0.00	16.38 0.39 0.00	17.26 0.42 0.00	17.98 0.52 0.00	21.08 0.70 0.00	25.54 1.12 0.00	22.65 1.08 0.00	20.69 0.96 0.00	20.42 0.89 0.00	21.36 0.79 0.00	20.46 0.84 0.00	21.09 0.93 0.00	20.62 0.94 0.00	20.54 1.02 0.00	20.76 1.05 0.00	28.23 1.71 0.00	25.51 1.66 0.00	21.74 1.32 0.00	24.06 1.25 0.00	24.34 1.27 0.00	21.99 1.07 0.00	20.38 1.04 0.00
WM_FLOYD_69_KV_BK2 356380	18.82 0.81 0.00	17.39 0.75 0.00	17.50 0.72 0.00	16.58 0.59 0.00	17.49 0.65 0.00	18.21 0.75 0.00	21.06 0.67 0.00	25.27 0.85 0.00	22.46 0.89 0.00	20.68 0.95 0.00	20.41 0.89 0.00	21.18 0.61 0.00	20.28 0.66 0.00	20.94 0.78 0.00	20.48 0.81 0.00	20.39 0.86 0.00	20.57 0.86 0.00	28.28 1.75 0.00	25.56 1.71 0.00	21.69 1.27 0.00	24.14 1.32 0.00	24.27 1.21 0.00	21.93 1.02 0.00	20.39 1.06 0.00
WOODARD__115KV_TB2 355635	17.73 -0.28 0.00	16.40 -0.24 0.00	16.54 -0.24 0.00	15.73 -0.26 0.00	16.50 -0.33 0.00	17.11 -0.36 0.00	20.03 -0.36 0.00	23.97 -0.45 0.00	21.14 -0.43 0.00	19.32 -0.41 0.00	19.11 -0.42 0.00	20.18 -0.39 0.00	19.26 -0.36 0.00	19.76 -0.40 0.00	19.29 -0.38 0.00	19.13 -0.40 0.00	19.31 -0.40 0.00	26.12 -0.41 0.00	23.49 -0.36 0.00	20.10 -0.32 0.00	22.37 -0.44 0.00	22.57 -0.50 0.00	20.47 -0.45 0.00	19.09 -0.24 0.00
YORK__WARBASSE 23770	18.47 0.46 0.00	17.10 0.46 0.00	17.20 0.42 0.00	16.28 0.29 0.00	17.15 0.31 0.00	17.86 0.40 0.00	20.97 0.58 0.00	25.40 0.99 0.00	22.54 0.97 0.00	20.60 0.87 0.00	20.34 0.81 0.00	21.27 0.70 0.00	20.39 0.77 0.00	21.02 0.86 0.00	20.58 0.90 0.00	20.50 0.97 0.00	20.71 1.01 0.00	28.16 1.63 0.00	25.45 1.60 0.00	21.70 1.28 0.00	24.00 1.19 0.00	24.28 1.21 0.00	21.91 0.99 0.00	20.31 0.97 0.00