

# Time Weighted/Integrated Real Time LBMP- Generator

		--- LBMP \$					--- Marginal Cost of Losses					--- Marginal Cost of Congestion																	
Generator Data		06/03/2025																											
Name		00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00				
PTID		EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT	EDT				
59TH STREET_GT_1		20.18	17.68	5.09	10.57	17.11	22.53	22.14	10.73	13.71	18.00	13.88	7.57	13.87	10.85	15.44	22.99	26.31	32.08	36.26	45.82	36.92	25.15	11.22	8.74				
24138		1.31	1.26	0.37	0.77	1.12	1.37	1.35	0.66	0.77	1.08	0.89	0.52	1.02	0.83	1.22	1.84	2.14	2.47	2.50	2.89	2.36	1.51	0.81	0.67				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00				
74TH STREET_GT_1		20.21	17.71	5.09	10.58	17.13	22.55	22.16	10.74	13.71	17.98	13.86	7.55	13.85	10.84	15.41	22.94	26.26	32.02	36.21	45.83	36.93	25.16	11.22	8.74				
24260		1.34	1.29	0.38	0.79	1.13	1.39	1.38	0.67	0.78	1.06	0.87	0.51	1.00	0.82	1.18	1.79	2.09	2.41	2.45	2.90	2.37	1.53	0.81	0.67				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00				
74TH STREET_GT_2		20.21	17.71	5.09	10.58	17.13	22.55	22.16	10.74	13.71	17.98	13.86	7.55	13.85	10.84	15.41	22.94	26.26	32.02	36.21	45.83	36.93	25.16	11.22	8.74				
24261		1.34	1.29	0.38	0.79	1.13	1.39	1.38	0.67	0.78	1.06	0.87	0.51	1.00	0.82	1.18	1.79	2.09	2.41	2.45	2.90	2.37	1.53	0.81	0.67				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00				
ADK HUDSON___FALLS		19.83	17.30	4.97	10.35	16.82	22.19	21.90	10.50	13.39	17.39	13.26	7.23	13.22	10.31	14.49	21.50	24.88	30.52	34.96	44.31	35.74	24.42	10.86	8.45				
24011		0.97	0.88	0.26	0.55	0.83	1.02	1.11	0.43	0.45	0.46	0.27	0.18	0.37	0.29	0.26	0.36	0.70	0.91	1.20	1.77	1.51	0.79	0.45	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.10	3.45	0.08	0.00	0.00				
ADK RESOURCE___RCVRY		19.93	17.38	4.99	10.40	16.89	22.26	21.97	10.51	13.39	17.39	13.26	7.23	13.24	10.32	14.49	21.51	24.91	30.56	35.03	44.58	36.00	24.53	10.92	8.48				
23798		1.06	0.96	0.28	0.60	0.90	1.09	1.19	0.44	0.46	0.46	0.26	0.18	0.39	0.30	0.27	0.37	0.74	0.95	1.27	2.05	1.77	0.90	0.51	0.42				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.10	3.45	0.08	0.00	0.00				
ADK S GLENS___FALLS		19.83	17.30	4.97	10.35	16.82	22.19	21.90	10.50	13.39	17.39	13.26	7.23	13.22	10.31	14.49	21.50	24.88	30.52	34.96	44.31	35.74	24.42	10.86	8.45				
24028		0.97	0.88	0.26	0.55	0.83	1.02	1.11	0.43	0.45	0.46	0.27	0.18	0.37	0.29	0.26	0.36	0.70	0.91	1.20	1.77	1.51	0.79	0.45	0.39				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.10	3.45	0.08	0.00	0.00				
ADK_NYS___DAM		20.16	17.60	5.07	10.58	17.18	22.68	22.18	10.57	13.47	17.44	13.25	7.19	13.18	10.31	14.58	21.65	24.93	30.58	35.13	44.50	35.83	24.67	11.01	8.67				
23527		1.30	1.18	0.36	0.78	1.19	1.52	1.39	0.50	0.53	0.52	0.26	0.14	0.33	0.29	0.35	0.50	0.75	0.97	1.37	1.88	1.53	1.04	0.60	0.60				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.01	3.37	0.08	0.00	0.00				
AIR_PRODUCTS___DRP		19.01	16.64	4.78	9.94	16.14	21.28	20.84	10.07	12.85	16.77	12.89	7.01	12.83	10.02	14.23	21.14	24.22	29.62	33.59	42.24	34.01	23.57	10.49	8.17				
24190		0.14	0.22	0.07	0.15	0.14	0.11	0.06	-0.01	-0.08	-0.15	-0.10	-0.04	-0.02	0.00	0.01	0.00	0.05	0.01	-0.17	-0.42	-0.31	-0.06	0.08	0.10				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	3.35	0.08	0.00	0.00				
AKWESSNE_115KV_BK		18.79	16.29	4.67	9.69	15.89	21.16	20.86	10.17	13.12	17.21	13.18	7.15	12.99	10.12	14.38	21.37	24.41	29.94	34.14	45.72	36.93	24.01	10.41	8.00				
355683		-0.08	-0.13	-0.04	-0.11	-0.10	-0.01	0.08	0.09	0.19	0.29	0.19	0.09	0.14	0.10	0.15	0.22	0.23	0.32	0.39	0.71	0.62	0.34	0.00	-0.06				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.63	1.37	0.03	0.00	0.00				
ALBANY_1_SOLAR		19.35	16.93	4.86	10.12	16.44	21.70	21.21	10.18	12.95	16.89	12.97	7.04	12.88	10.05	14.27	21.22	24.35	29.94	34.16	43.30	34.92	24.07	10.70	8.33				
323833		0.49	0.51	0.15	0.32	0.45	0.53	0.43	0.10	0.02	-0.03	-0.03	-0.01	0.03	0.04	0.04	0.07	0.18	0.32	0.40	0.61	0.56	0.44	0.29	0.26				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	3.32	0.08	0.00	0.00				
ALBANY_2_SOLAR		19.35	16.92	4.86	10.12	16.44	21.69	21.20	10.18	12.95	16.89	12.97	7.04	12.87	10.05	14.27	21.22	24.35	29.93	34.15	43.29	34.91	24.06	10.69	8.33				
323834		0.48	0.50	0.15	0.32	0.44	0.52	0.42	0.10	0.02	-0.04	-0.03	-0.01	0.02	0.03	0.04	0.07	0.17	0.32	0.40	0.60	0.55	0.43	0.28	0.26				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.95	3.32	0.08	0.00	0.00				
ALBANY___1		19.01	16.64	4.78	9.94	16.14	21.28	20.84	10.07	12.85	16.77	12.89	7.01	12.83	10.02	14.23	21.14	24.22	29.62	33.59	42.24	34.01	23.57	10.49	8.17				
23571		0.14	0.22	0.07	0.15	0.14	0.11	0.06	-0.01	-0.08	-0.15	-0.10	-0.04	-0.02	0.00	0.01	0.00	0.05	0.01	-0.17	-0.42	-0.31	-0.06	0.08	0.10				
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.99	3.35	0.08	0.00	0.00				

ALBANY___2 23572	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.01 0.00	33.59 -0.17 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
ALBANY___3 23573	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.01 0.00	33.59 -0.17 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
ALBANY___4 23574	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.01 0.00	33.59 -0.17 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
ALBANY___LFGE 323615	19.16 0.29 0.00	16.77 0.35 0.00	4.82 0.10 0.00	10.01 0.21 0.00	16.26 0.27 0.00	21.46 0.29 0.00	21.02 0.24 0.00	10.16 0.08 0.00	12.96 0.03 0.00	16.92 0.00 0.00	13.00 0.01 0.00	7.07 0.02 0.00	12.95 0.10 0.00	10.11 0.10 0.00	14.36 0.14 0.00	21.34 0.20 0.00	24.47 0.29 0.00	29.94 0.33 0.00	33.98 0.22 0.00	42.74 0.12 4.02	34.41 0.11 3.38	23.80 0.18 0.08	10.59 0.18 0.00	8.24 0.18 0.00
ALCOA_PA_115KV_PL-6C 55860	18.81 -0.05 0.00	16.30 -0.11 0.00	4.67 -0.04 0.00	9.70 -0.10 0.00	15.92 -0.07 0.00	21.21 0.04 0.00	20.93 0.15 0.00	10.20 0.12 0.00	13.16 0.22 0.00	17.25 0.33 0.00	13.21 0.22 0.00	7.16 0.11 0.00	13.01 0.16 0.00	10.13 0.11 0.00	14.40 0.17 0.00	21.40 0.26 0.00	24.45 0.28 0.00	29.99 0.38 0.00	34.20 0.44 0.00	45.81 0.83 1.66	37.00 0.72 1.40	24.11 0.43 0.03	10.43 0.02 0.00	8.01 -0.05 0.00
ALCOA_RYNLDS___DRP 24188	18.81 -0.05 0.00	16.30 -0.11 0.00	4.67 -0.04 0.00	9.70 -0.10 0.00	15.92 -0.07 0.00	21.21 0.04 0.00	20.93 0.15 0.00	10.20 0.12 0.00	13.16 0.22 0.00	17.25 0.33 0.00	13.21 0.22 0.00	7.16 0.11 0.00	13.01 0.16 0.00	10.13 0.11 0.00	14.40 0.17 0.00	21.40 0.26 0.00	24.45 0.28 0.00	29.99 0.38 0.00	34.20 0.44 0.00	45.81 0.83 1.66	37.00 0.72 1.40	24.11 0.43 0.03	10.43 0.02 0.00	8.01 -0.05 0.00
ALCOA___DSASP 323711	18.81 -0.05 0.00	16.31 -0.12 0.00	4.67 -0.04 0.00	9.70 -0.10 0.00	15.92 -0.07 0.00	21.21 0.04 0.00	20.93 0.15 0.00	10.20 0.12 0.00	13.16 0.22 0.00	17.25 0.33 0.00	13.21 0.22 0.00	7.16 0.11 0.00	13.01 0.16 0.00	10.13 0.11 0.00	14.40 0.17 0.00	21.40 0.26 0.00	24.45 0.28 0.00	29.99 0.38 0.00	34.20 0.44 0.00	45.81 0.83 1.66	37.00 0.72 1.40	24.11 0.43 0.03	10.43 0.02 0.00	8.01 -0.05 0.00
ALLEGHENY___COGEN 23514	18.72 -0.15 0.00	16.42 0.00 0.00	4.71 0.00 0.00	9.82 0.02 0.00	16.00 0.00 0.00	21.05 -0.12 0.00	20.52 -0.26 0.00	9.91 -0.16 0.00	12.67 -0.26 0.00	16.55 -0.38 0.00	12.74 -0.26 0.00	6.90 -0.15 0.00	12.48 -0.37 0.00	9.66 -0.36 0.00	13.72 -0.51 0.00	20.03 -1.12 0.00	22.64 -1.54 0.00	27.86 -1.76 0.00	32.15 -1.61 0.00	41.45 -1.20 3.99	33.70 -0.63 3.35	23.70 -0.67 -0.66	34.09 -0.20 -23.88	26.03 -0.08 -18.04
ALTAMONT_115KV_TB 2 55880	19.20 0.34 0.00	16.79 0.36 0.00	4.82 0.11 0.00	10.03 0.23 0.00	16.30 0.31 0.00	21.51 0.34 0.00	21.08 0.30 0.00	10.19 0.11 0.00	13.01 0.08 0.00	16.99 0.07 0.00	13.06 0.06 0.00	7.10 0.05 0.00	12.97 0.13 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.35 0.21 0.00	24.44 0.27 0.00	29.93 0.31 0.00	34.03 0.27 0.00	42.91 0.25 3.97	34.54 0.21 3.34	23.83 0.20 0.08	10.59 0.18 0.00	8.25 0.19 0.00
ALTONA_WT_PWR 323606	18.79 -0.08 0.00	16.30 -0.12 0.00	4.66 -0.05 0.00	9.73 -0.07 0.00	15.95 -0.04 0.00	21.21 0.04 0.00	20.93 0.14 0.00	10.21 0.13 0.00	13.19 0.25 0.00	17.29 0.37 0.00	13.19 0.20 0.00	7.16 0.11 0.00	13.05 0.20 0.00	10.17 0.15 0.00	14.43 0.21 0.00	21.45 0.30 0.00	24.57 0.40 0.00	30.15 0.54 0.00	34.39 0.63 0.00	46.17 1.13 1.61	37.21 0.88 1.35	24.17 0.49 0.03	10.43 0.03 0.00	7.95 -0.12 0.00
AMERICAN_REF_FUEL 24010	17.39 -1.47 0.00	15.27 -1.15 0.00	4.42 -0.29 0.00	9.24 -0.56 0.00	14.99 -1.01 0.00	19.59 -1.58 0.00	18.98 -1.80 0.00	9.29 -0.78 0.00	12.17 -0.76 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.68 -0.37 0.00	12.05 -0.80 0.00	9.31 -0.71 0.00	13.33 -0.90 0.00	19.65 -1.49 0.00	22.24 -1.93 0.00	27.16 -2.45 0.00	31.30 -2.46 0.00	39.30 -3.10 4.24	31.56 -2.56 3.56	21.59 -1.85 0.27	3.85 -0.75 5.81	3.12 -0.56 4.39
ARKWRIGHT___SUMMIT_WT_PWR 323751	17.74 -1.12 0.00	15.65 -0.77 0.00	4.50 -0.21 0.00	9.45 -0.35 0.00	15.30 -0.69 0.00	19.98 -1.19 0.00	19.41 -1.38 0.00	9.49 -0.59 0.00	12.41 -0.52 0.00	16.50 -0.42 0.00	12.83 -0.16 0.00	6.94 -0.10 0.00	12.58 -0.27 0.00	9.74 -0.28 0.00	13.91 -0.31 0.00	20.55 -0.59 0.00	23.23 -0.95 0.00	28.41 -1.20 0.00	32.81 -0.94 0.00	41.63 -0.81 4.20	32.87 -1.28 3.53	21.93 -1.55 0.23	5.04 -0.68 4.69	3.97 -0.55 3.55
ARTHUR KILL_GT_1 23520	20.12 1.26 0.00	17.59 1.17 0.00	4.11 0.35 0.95	10.60 0.80 0.00	17.27 1.27 0.00	22.73 1.56 0.00	22.30 1.52 0.00	10.73 0.66 0.00	13.64 0.70 0.00	-419.70 0.88 437.50	-221.01 0.71 234.71	7.47 0.42 0.00	-2.97 0.85 16.67	10.72 0.70 0.00	15.24 1.02 0.00	22.50 1.53 0.17	26.01 1.83 0.00	31.77 2.15 0.00	35.35 2.15 0.55	37.18 2.42 11.88	35.71 2.07 4.03	25.04 1.41 0.07	11.16 0.75 0.00	8.68 0.61 0.00
ARTHUR_KILL_2 23512	20.08 1.21 0.00	17.54 1.13 0.00	4.10 0.34 0.95	10.57 0.77 0.00	17.23 1.23 0.00	22.66 1.50 0.00	22.25 1.46 0.00	10.71 0.63 0.00	13.60 0.67 0.00	-419.74 0.84 437.50	-221.04 0.68 234.71	7.45 0.40 0.00	-3.00 0.82 16.67	10.70 0.68 0.00	15.21 0.99 0.00	22.45 1.48 0.17	25.94 1.77 0.00	31.69 2.07 0.00	35.25 2.05 0.55	37.02 2.27 11.88	35.59 1.94 4.03	24.97 1.33 0.07	11.12 0.72 0.00	8.66 0.59 0.00
ARTHUR_KILL_3 23513	-188.79 1.13 208.78	17.51 1.09 0.01	4.10 0.34 0.95	10.49 0.69 0.00	16.95 0.96 0.00	22.32 1.15 0.00	21.92 1.14 0.00	10.63 0.55 0.00	13.57 0.63 0.00	-503.05 0.86 520.83	-220.99 0.72 234.71	7.48 0.43 0.00	-2.95 0.87 16.67	10.74 0.73 0.00	15.26 1.03 0.00	22.53 1.55 0.17	26.00 1.82 0.00	31.71 2.10 0.00	35.33 2.12 0.55	37.19 2.44 11.88	35.66 2.02 4.03	24.91 1.28 0.07	11.13 0.72 0.00	8.67 0.61 0.00

ARTHUR_KILL_COGEN 323718	20.12 1.26 0.00	17.59 1.17 0.00	4.11 0.35 0.95	10.60 0.80 0.00	17.27 1.27 0.00	22.73 1.56 0.00	22.30 1.52 0.00	10.73 0.66 0.00	13.64 0.70 0.00	-419.70 0.88 437.50	-221.01 0.71 234.71	7.47 0.42 0.00	-2.97 0.85 16.67	10.72 0.70 0.00	15.24 1.02 0.00	22.50 1.53 0.17	26.01 1.83 0.00	31.76 2.15 0.00	35.35 2.14 0.55	37.16 2.41 11.88	35.71 2.06 4.03	25.04 1.41 0.07	11.16 0.75 0.00	8.68 0.61 0.00
ASHOKAN____ 23654	20.44 1.57 0.00	17.86 1.44 0.00	5.13 0.41 0.00	10.65 0.86 0.00	17.29 1.30 0.00	22.82 1.65 0.00	22.34 1.56 0.00	10.77 0.70 0.00	13.69 0.75 0.00	17.80 0.88 0.00	13.65 0.66 0.00	7.40 0.35 0.00	13.53 0.68 0.00	10.59 0.57 0.00	15.06 0.83 0.00	22.44 1.30 0.00	25.83 1.66 0.00	31.84 2.22 0.00	36.32 2.56 0.00	46.33 3.54 3.84	37.37 2.92 3.23	25.48 1.84 0.08	11.30 0.89 0.00	8.76 0.69 0.00
ASTORIA_EAST_ENERGY_CC1 323581	20.15 1.28 0.00	17.56 1.14 0.00	5.05 0.34 0.00	10.49 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.62 0.55 0.00	13.53 0.60 0.00	17.77 0.85 0.00	13.69 0.70 0.00	7.47 0.42 0.00	13.70 0.85 0.00	10.72 0.70 0.00	15.25 1.02 0.00	22.69 1.54 0.00	26.05 1.88 0.00	31.71 2.10 0.00	35.83 2.08 0.00	45.37 2.44 3.71	36.60 2.05 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.63 0.00
ASTORIA_EAST_ENERGY_CC2 323582	20.15 1.29 0.00	17.56 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.62 0.55 0.00	13.53 0.60 0.00	17.77 0.85 0.00	13.69 0.70 0.00	7.47 0.42 0.00	13.70 0.85 0.00	10.72 0.70 0.00	15.25 1.02 0.00	22.69 1.54 0.00	26.05 1.88 0.00	31.70 2.09 0.00	35.83 2.08 0.00	45.37 2.44 3.71	36.60 2.05 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.63 0.00
ASTORIA_GT2_1 24094	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT2_2 24095	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT2_3 24096	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT2_4 24097	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT3_1 24098	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT3_2 24099	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT3_3 24100	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT3_4 24101	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT4_1 24102	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT4_2 24103	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT4_3 24104	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00

ASTORIA_GT4_4 24105	20.15 1.29 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.40 2.47 3.71	36.63 2.07 3.12	25.10 1.47 0.07	11.17 0.76 0.00	8.70 0.64 0.00
ASTORIA_GT_1 23523	20.17 1.31 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.37 1.21 0.01	22.00 1.22 0.00	10.64 0.57 0.00	13.56 0.63 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.74 1.59 0.00	26.12 1.94 0.00	31.79 2.18 0.00	35.92 2.16 0.00	45.49 2.57 3.71	36.70 2.14 3.12	25.15 1.51 0.07	11.19 0.78 0.00	8.71 0.65 0.00
ASTORIA_GT_10 24110	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.18 0.00	35.93 2.17 0.00	45.43 2.50 3.71	36.63 2.08 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA_GT_11 24225	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.18 0.00	35.93 2.17 0.00	45.43 2.50 3.71	36.63 2.08 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA_GT_12 24226	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.18 0.00	35.93 2.17 0.00	45.43 2.50 3.71	36.63 2.08 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA_GT_13 24227	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.18 0.00	35.93 2.17 0.00	45.43 2.50 3.71	36.63 2.08 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA_GT_5 24106	20.17 1.31 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.37 1.21 0.01	22.00 1.22 0.00	10.64 0.57 0.00	13.56 0.63 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.74 1.59 0.00	26.12 1.94 0.00	31.79 2.18 0.00	35.92 2.16 0.00	45.49 2.57 3.71	36.70 2.14 3.12	25.15 1.51 0.07	11.19 0.78 0.00	8.71 0.65 0.00
ASTORIA_GT_7 24107	20.17 1.31 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.37 1.21 0.01	22.00 1.22 0.00	10.64 0.57 0.00	13.56 0.63 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.74 1.59 0.00	26.12 1.94 0.00	31.79 2.18 0.00	35.92 2.16 0.00	45.49 2.57 3.71	36.70 2.14 3.12	25.15 1.51 0.07	11.19 0.78 0.00	8.71 0.65 0.00
ASTORIA_GT_8 24108	20.17 1.31 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.37 1.21 0.01	22.00 1.22 0.00	10.64 0.57 0.00	13.56 0.63 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.74 1.59 0.00	26.12 1.94 0.00	31.79 2.18 0.00	35.92 2.16 0.00	45.49 2.57 3.71	36.70 2.14 3.12	25.15 1.51 0.07	11.19 0.78 0.00	8.71 0.65 0.00
ASTORIA___2 24149	20.15 1.29 0.00	17.56 1.14 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.98 0.99 0.00	22.34 1.18 0.01	21.98 1.20 0.00	10.63 0.55 0.00	13.54 0.60 0.00	17.78 0.86 0.00	13.70 0.71 0.00	7.47 0.42 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.26 1.03 0.00	22.69 1.55 0.00	26.07 1.89 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.39 2.46 3.71	36.62 2.06 3.12	25.11 1.48 0.07	11.17 0.76 0.00	8.70 0.63 0.00
ASTORIA___3 23516	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.17 0.00	35.93 2.17 0.00	45.43 2.49 3.71	36.63 2.07 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA___4 23517	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.18 0.00	35.93 2.17 0.00	45.43 2.50 3.71	36.63 2.08 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
ASTORIA___5 23518	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.08 1.29 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.08 1.91 0.00	31.79 2.17 0.00	35.93 2.17 0.00	45.42 2.49 3.71	36.63 2.07 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
AST_ENERGY_2_CC3 323677	20.07 1.20 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.39 1.22 0.00	21.99 1.21 0.00	10.65 0.58 0.00	13.59 0.65 0.00	17.82 0.90 0.00	13.74 0.75 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.05 0.00	22.75 1.60 0.00	26.04 1.86 0.00	31.74 2.13 0.00	35.89 2.13 0.00	45.36 2.44 3.71	36.58 2.03 3.12	24.97 1.34 0.07	11.15 0.74 0.00	8.68 0.62 0.00
AST_ENERGY_2_CC4 323678	20.07 1.20 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.39 1.22 0.00	21.99 1.21 0.00	10.65 0.58 0.00	13.59 0.65 0.00	17.82 0.90 0.00	13.74 0.75 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.05 0.00	22.75 1.60 0.00	26.04 1.86 0.00	31.74 2.13 0.00	35.89 2.13 0.00	45.36 2.44 3.71	36.58 2.03 3.12	24.97 1.34 0.07	11.15 0.74 0.00	8.68 0.62 0.00

ATHENS_STG_1 23668	19.42 0.55 0.00	16.97 0.55 0.00	4.88 0.17 0.00	10.15 0.35 0.00	16.48 0.48 0.00	21.72 0.55 0.00	21.30 0.51 0.00	10.29 0.22 0.00	13.15 0.22 0.00	17.18 0.26 0.00	13.21 0.22 0.00	7.18 0.13 0.00	13.14 0.29 0.00	10.27 0.24 0.00	14.56 0.34 0.00	21.64 0.49 0.00	24.72 0.54 0.00	30.22 0.61 0.00	34.30 0.54 0.00	43.30 0.52 3.86	34.86 0.43 3.25	23.97 0.33 0.08	10.68 0.27 0.00	8.35 0.28 0.00
ATHENS_STG_2 23670	19.42 0.55 0.00	16.97 0.55 0.00	4.88 0.17 0.00	10.15 0.35 0.00	16.48 0.48 0.00	21.72 0.55 0.00	21.30 0.51 0.00	10.29 0.22 0.00	13.15 0.22 0.00	17.18 0.26 0.00	13.21 0.22 0.00	7.18 0.13 0.00	13.14 0.29 0.00	10.27 0.24 0.00	14.56 0.34 0.00	21.64 0.49 0.00	24.72 0.54 0.00	30.22 0.61 0.00	34.30 0.54 0.00	43.30 0.52 3.86	34.86 0.43 3.25	23.97 0.33 0.08	10.68 0.27 0.00	8.35 0.28 0.00
ATHENS_STG_3 23677	19.42 0.55 0.00	16.97 0.55 0.00	4.88 0.17 0.00	10.15 0.35 0.00	16.48 0.48 0.00	21.72 0.55 0.00	21.30 0.51 0.00	10.29 0.22 0.00	13.15 0.22 0.00	17.18 0.26 0.00	13.21 0.22 0.00	7.18 0.13 0.00	13.14 0.29 0.00	10.27 0.24 0.00	14.56 0.34 0.00	21.64 0.49 0.00	24.72 0.54 0.00	30.22 0.61 0.00	34.30 0.54 0.00	43.30 0.52 3.86	34.86 0.43 3.25	23.97 0.33 0.08	10.68 0.27 0.00	8.35 0.28 0.00
AUBURN___LFGE 323710	18.65 -0.22 0.00	16.32 -0.10 0.00	4.70 -0.01 0.00	9.80 0.00 0.00	15.96 -0.04 0.00	21.04 -0.13 0.00	20.58 -0.20 0.00	9.97 -0.11 0.00	12.79 -0.14 0.00	16.73 -0.19 0.00	12.84 -0.15 0.00	6.96 -0.09 0.00	12.62 -0.23 0.00	9.82 -0.20 0.00	13.98 -0.24 0.00	20.73 -0.42 0.00	23.79 -0.39 0.00	29.15 -0.47 0.00	33.42 -0.34 0.00	45.14 -0.20 1.30	36.44 -0.14 1.10	23.58 -0.15 -0.02	11.91 -0.05 -1.55	9.19 -0.05 -1.17
BABYLON_RES_REC 323704	20.12 1.26 0.00	17.66 1.24 0.00	5.10 0.39 0.00	10.62 0.82 0.00	17.07 1.08 0.00	22.58 1.41 0.00	22.26 1.48 0.00	10.84 0.76 0.00	13.61 0.68 0.00	17.88 0.96 0.00	13.83 0.84 0.00	7.55 0.50 0.00	13.82 0.97 0.00	10.83 0.81 0.00	20.81 1.19 -5.40	27.93 1.88 -4.90	28.55 2.13 -2.24	35.91 2.40 -3.90	36.24 2.49 0.00	45.81 2.88 3.71	36.89 2.33 3.12	25.19 1.55 0.07	16.18 0.94 -4.83	10.77 0.77 -1.93
BALL_HILL_WT_PWR 323825	17.87 -1.00 0.00	15.74 -0.69 0.00	4.53 -0.18 0.00	9.49 -0.31 0.00	15.41 -0.58 0.00	20.13 -1.03 0.00	19.53 -1.26 0.00	9.54 -0.54 0.00	12.48 -0.45 0.00	16.48 -0.44 0.00	12.71 -0.28 0.00	6.88 -0.17 0.00	12.46 -0.39 0.00	9.64 -0.37 0.00	13.79 -0.44 0.00	20.37 -0.77 0.00	23.07 -1.11 0.00	28.21 -1.40 0.00	32.50 -1.26 0.00	41.12 -1.30 4.22	32.78 -1.36 3.55	22.14 -1.31 0.27	3.91 -0.56 5.95	3.15 -0.43 4.49
BARON_WINDS___WT_PWR 323822	18.13 -0.73 0.00	15.98 -0.44 0.00	4.57 -0.14 0.00	9.53 -0.27 0.00	15.52 -0.47 0.00	20.37 -0.80 0.00	19.77 -1.02 0.00	9.56 -0.52 0.00	12.36 -0.57 0.00	16.27 -0.65 0.00	12.57 -0.42 0.00	6.81 -0.24 0.00	12.35 -0.50 0.00	9.57 -0.45 0.00	13.62 -0.60 0.00	20.21 -0.93 0.00	23.00 -1.18 0.00	28.24 -1.38 0.00	32.49 -1.26 0.00	41.36 -1.29 3.99	32.92 -1.40 3.36	20.92 -1.36 1.43	-33.83 -0.60 43.64	-25.38 -0.48 32.97
BARRETT_IC_1 23704	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_10 23701	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_11 23702	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_12 23703	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_2 23705	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_3 23706	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_4 23707	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_5 23708	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72

BARRETT_IC_6 23709	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_7 23710	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.76 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_8 23711	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT_IC_9 23700	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT___1 23545	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BARRETT___2 23546	20.11 1.24 0.00	17.66 1.24 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.04 1.04 0.00	22.50 1.34 0.00	22.12 1.34 0.00	10.75 0.68 0.00	13.58 0.65 0.00	17.86 0.94 0.00	13.82 0.83 0.00	7.54 0.49 0.00	13.81 0.96 0.00	10.81 0.79 0.00	53.61 1.16 -38.23	44.40 1.77 -21.49	28.21 1.96 -2.07	35.33 2.11 -3.61	35.92 2.16 0.00	45.39 2.47 3.71	36.56 2.01 3.12	24.98 1.34 0.07	15.74 0.85 -4.47	27.50 0.71 -18.72
BATAVIA__115KV_TB1 55881	18.21 -0.66 0.00	15.96 -0.46 0.00	4.61 -0.10 0.00	9.63 -0.17 0.00	15.64 -0.35 0.00	20.51 -0.66 0.00	19.97 -0.81 0.00	9.76 -0.31 0.00	12.69 -0.25 0.00	16.61 -0.31 0.00	12.71 -0.28 0.00	6.87 -0.17 0.00	12.43 -0.42 0.00	9.62 -0.39 0.00	13.77 -0.45 0.00	20.35 -0.79 0.00	23.14 -1.03 0.00	28.37 -1.24 0.00	32.84 -0.91 0.00	41.85 -0.60 4.19	33.74 -0.41 3.52	23.01 -0.49 0.21	6.05 -0.22 4.14	4.76 -0.18 3.13
BAYONEEC___CTG1 323682	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG10 323750	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG2 323683	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG3 323684	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG4 323685	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG5 323686	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG6 323687	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG7 323688	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00

BAYONEEC___CTG8 323689	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BAYONEEC___CTG9 323749	20.09 1.23 0.00	17.60 1.18 0.00	5.07 0.35 0.00	10.53 0.73 0.00	17.03 1.03 0.00	22.42 1.25 0.00	22.01 1.23 0.00	10.67 0.59 0.00	13.61 0.68 0.00	17.85 0.93 0.00	13.77 0.78 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.97 2.22 0.00	45.47 2.54 3.71	36.67 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
BEACON___LESR 323632	19.27 0.41 0.00	16.87 0.45 0.00	4.85 0.13 0.00	10.07 0.27 0.00	16.32 0.33 0.00	21.59 0.42 0.00	21.17 0.38 0.00	10.22 0.14 0.00	13.05 0.11 0.00	17.01 0.08 0.00	13.06 0.06 0.00	7.09 0.04 0.00	13.02 0.17 0.00	10.16 0.14 0.00	14.43 0.21 0.00	21.47 0.32 0.00	24.66 0.49 0.00	30.17 0.56 0.00	34.32 0.56 0.00	43.13 0.49 3.99	34.69 0.37 3.36	23.95 0.32 0.08	10.65 0.24 0.00	8.30 0.23 0.00
BEAVER RIVER___HYD 24048	18.03 -0.84 0.00	15.83 -0.59 0.00	4.58 -0.13 0.00	9.57 -0.22 0.00	15.98 -0.01 0.00	21.25 0.09 0.00	20.77 -0.02 0.00	10.00 -0.08 0.00	12.78 -0.15 0.00	16.59 -0.33 0.00	12.71 -0.28 0.00	6.91 -0.14 0.00	12.50 -0.35 0.00	9.72 -0.30 0.00	13.77 -0.45 0.00	20.50 -0.65 0.00	23.52 -0.65 0.00	29.14 -0.47 0.00	33.73 -0.03 0.00	44.62 0.61 2.63	35.78 0.30 2.21	23.38 -0.28 0.05	10.24 -0.17 0.00	7.80 -0.26 0.00
BEEBEE_GT_13 23619	18.19 -0.68 0.00	15.93 -0.50 0.00	4.59 -0.12 0.00	9.58 -0.21 0.00	15.58 -0.42 0.00	20.46 -0.70 0.00	19.96 -0.82 0.00	9.73 -0.35 0.00	12.62 -0.32 0.00	16.57 -0.36 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.49 -0.35 0.00	9.70 -0.32 0.00	13.85 -0.37 0.00	20.52 -0.63 0.00	23.38 -0.80 0.00	28.65 -0.96 0.00	32.95 -0.81 0.00	41.72 -0.74 4.18	33.49 -0.67 3.52	22.98 -0.61 0.12	8.90 -0.29 1.21	6.95 -0.21 0.92
BENSHRST_27_KV_BENSHRST_1 355998	20.22 1.36 0.00	17.69 1.27 0.00	5.09 0.38 0.00	10.59 0.80 0.00	17.17 1.18 0.00	22.60 1.43 0.00	22.21 1.43 0.00	10.75 0.67 0.00	13.70 0.77 0.00	17.95 1.03 0.00	13.84 0.85 0.00	7.55 0.50 0.00	13.84 0.99 0.00	10.83 0.81 0.00	15.40 1.18 0.00	22.91 1.77 0.00	26.27 2.09 0.00	32.04 2.42 0.00	36.22 2.46 0.00	45.81 2.88 3.71	36.96 2.40 3.12	25.23 1.59 0.07	11.24 0.83 0.00	8.74 0.68 0.00
BETHLEHEM___GRP 23843	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.01 0.00	33.59 -0.17 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
BETHLEHEM___GS1 323560	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.00 0.00	33.60 -0.16 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
BETHLEHEM___GS2 323561	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.00 0.00	33.60 -0.16 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
BETHLEHEM___GS3 323562	19.01 0.14 0.00	16.64 0.22 0.00	4.78 0.07 0.00	9.94 0.15 0.00	16.14 0.14 0.00	21.28 0.11 0.00	20.84 0.06 0.00	10.07 -0.01 0.00	12.85 -0.08 0.00	16.77 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.83 -0.02 0.00	10.02 0.00 0.00	14.23 0.01 0.00	21.14 0.00 0.00	24.22 0.05 0.00	29.62 0.00 0.00	33.60 -0.16 0.00	42.24 -0.42 3.99	34.01 -0.31 3.35	23.57 -0.06 0.08	10.49 0.08 0.00	8.17 0.10 0.00
BETHLEHEM___STEEL 23779	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.18 0.00	9.47 -0.32 0.00	15.38 -0.61 0.00	20.09 -1.07 0.00	19.49 -1.29 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.44 -0.48 0.00	12.65 -0.35 0.00	6.85 -0.20 0.00	12.38 -0.47 0.00	9.58 -0.43 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.96 -1.21 0.00	28.08 -1.54 0.00	32.36 -1.40 0.00	40.97 -1.45 4.21	32.79 -1.35 3.55	22.19 -1.22 0.30	2.87 -0.54 7.00	2.38 -0.40 5.29
BETHLHEM_115KV_TB1 79974	19.04 0.18 0.00	16.67 0.25 0.00	4.79 0.08 0.00	9.96 0.16 0.00	16.17 0.17 0.00	21.32 0.16 0.00	20.89 0.10 0.00	10.10 0.02 0.00	12.88 -0.05 0.00	16.82 -0.10 0.00	12.93 -0.06 0.00	7.03 -0.02 0.00	12.87 0.02 0.00	10.05 0.03 0.00	14.27 0.04 0.00	21.20 0.06 0.00	24.28 0.10 0.00	29.70 0.09 0.00	33.68 -0.08 0.00	42.37 -0.28 3.99	34.12 -0.20 3.35	23.62 -0.01 0.08	10.51 0.10 0.00	8.19 0.12 0.00
BETHPAGE_CC_5 323564	20.17 1.30 0.00	17.69 1.27 0.00	5.11 0.39 0.00	10.62 0.82 0.00	17.08 1.09 0.00	22.57 1.40 0.00	22.21 1.42 0.00	10.80 0.73 0.00	13.61 0.68 0.00	17.89 0.97 0.00	13.84 0.85 0.00	7.55 0.50 0.00	13.83 0.99 0.00	10.82 0.80 0.00	22.19 1.17 -6.80	28.70 1.81 -5.75	28.54 2.00 -2.37	35.97 2.22 -4.14	36.00 2.24 0.00	45.50 2.57 3.71	36.64 2.08 3.12	25.04 1.41 0.07	16.41 0.87 -5.12	11.41 0.74 -2.60
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	17.92 -0.95 0.00	15.75 -0.68 0.00	4.54 -0.17 0.00	9.50 -0.30 0.00	15.42 -0.57 0.00	20.15 -1.01 0.00	19.56 -1.23 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.50 -0.42 0.00	12.69 -0.30 0.00	6.87 -0.18 0.00	12.42 -0.42 0.00	9.62 -0.40 0.00	13.76 -0.47 0.00	20.32 -0.82 0.00	23.03 -1.14 0.00	28.18 -1.44 0.00	32.47 -1.29 0.00	41.12 -1.31 4.21	32.89 -1.25 3.54	22.28 -1.14 0.29	3.31 -0.51 6.59	2.71 -0.38 4.98
BINGHAMTON___COGEN 23790	18.72 -0.15 0.00	16.43 0.01 0.00	4.71 0.00 0.00	9.82 0.03 0.00	15.98 -0.01 0.00	21.02 -0.15 0.00	20.55 -0.24 0.00	9.95 -0.13 0.00	12.77 -0.17 0.00	16.71 -0.21 0.00	12.87 -0.12 0.00	6.98 -0.07 0.00	12.74 -0.11 0.00	9.92 -0.10 0.00	14.09 -0.13 0.00	20.96 -0.19 0.00	23.93 -0.25 0.00	29.35 -0.26 0.00	33.50 -0.26 0.00	42.24 -0.30 4.10	33.88 -0.35 3.45	23.32 -0.30 0.08	10.34 -0.07 0.00	8.02 -0.04 0.00

BIXINCNT_115KV_LOAD 355685	18.10 -0.77 0.00	15.93 -0.49 0.00	4.57 -0.14 0.00	9.57 -0.23 0.00	15.57 -0.43 0.00	20.33 -0.84 0.00	19.76 -1.02 0.00	9.66 -0.41 0.00	12.64 -0.29 0.00	16.70 -0.22 0.00	12.90 -0.10 0.00	6.96 -0.09 0.00	12.54 -0.32 0.00	9.72 -0.30 0.00	13.93 -0.30 0.00	20.60 -0.54 0.00	23.30 -0.88 0.00	28.55 -1.07 0.00	32.85 -0.91 0.00	41.65 -0.80 4.19	33.15 -1.01 3.52	22.41 -1.08 0.22	5.49 -0.59 4.32	4.34 -0.47 3.26
BLACK RIVER___HYD 24047	18.09 -0.78 0.00	15.90 -0.52 0.00	4.60 -0.12 0.00	9.63 -0.17 0.00	16.09 0.10 0.00	21.37 0.20 0.00	20.85 0.06 0.00	10.07 -0.01 0.00	12.84 -0.10 0.00	16.60 -0.32 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.43 -0.42 0.00	9.66 -0.35 0.00	13.69 -0.54 0.00	20.36 -0.78 0.00	23.37 -0.80 0.00	29.07 -0.55 0.00	33.80 0.04 0.00	45.56 0.85 1.93	36.60 0.55 1.63	23.47 -0.20 0.04	10.28 -0.13 0.00	7.85 -0.22 0.00
BLACKRVR_115KV_TB2 79977	18.09 -0.77 0.00	15.90 -0.52 0.00	4.59 -0.12 0.00	9.62 -0.17 0.00	16.09 0.10 0.00	21.37 0.20 0.00	20.85 0.06 0.00	10.07 -0.01 0.00	12.84 -0.10 0.00	16.60 -0.32 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.43 -0.42 0.00	9.66 -0.35 0.00	13.68 -0.54 0.00	20.36 -0.78 0.00	23.37 -0.80 0.00	29.07 -0.55 0.00	33.80 0.04 0.00	45.56 0.86 1.93	36.60 0.55 1.63	23.47 -0.20 0.04	10.28 -0.13 0.00	7.85 -0.22 0.00
BLDWN_LI_69_KV_BK4 356085	20.21 1.35 0.00	17.74 1.32 0.00	5.12 0.41 0.00	10.63 0.83 0.00	17.11 1.12 0.00	22.61 1.45 0.00	22.25 1.46 0.00	10.82 0.74 0.00	13.65 0.72 0.00	17.94 1.02 0.00	13.87 0.88 0.00	7.57 0.52 0.00	13.86 1.01 0.00	10.85 0.83 0.00	31.37 1.22 -15.92	33.70 1.88 -10.67	28.97 2.13 -2.66	36.65 2.41 -4.63	36.23 2.48 0.00	45.87 2.94 3.71	36.94 2.39 3.12	25.21 1.58 0.07	17.08 0.93 -5.74	15.98 0.77 -7.14
BLISS_WT_PWR 323608	18.05 -0.81 0.00	15.89 -0.53 0.00	4.55 -0.16 0.00	9.53 -0.26 0.00	15.52 -0.47 0.00	20.27 -0.90 0.00	19.70 -1.08 0.00	9.64 -0.44 0.00	12.61 -0.32 0.00	16.68 -0.24 0.00	12.89 -0.10 0.00	6.96 -0.09 0.00	12.51 -0.34 0.00	9.70 -0.31 0.00	13.91 -0.31 0.00	20.59 -0.55 0.00	23.27 -0.91 0.00	28.53 -1.08 0.00	32.81 -0.95 0.00	41.60 -0.85 4.19	33.05 -1.11 3.52	22.32 -1.17 0.22	5.42 -0.67 4.32	4.27 -0.53 3.26
BLUESTONE___WT_PWR 323821	19.52 0.65 0.00	17.07 0.65 0.00	4.90 0.19 0.00	10.21 0.41 0.00	16.65 0.65 0.00	21.94 0.77 0.00	21.39 0.61 0.00	10.35 0.27 0.00	13.19 0.26 0.00	17.15 0.23 0.00	13.24 0.25 0.00	7.21 0.16 0.00	13.12 0.27 0.00	10.20 0.18 0.00	14.49 0.27 0.00	21.64 0.49 0.00	24.87 0.70 0.00	30.68 1.07 0.00	35.01 1.26 0.00	44.44 1.78 3.98	35.66 1.33 3.35	23.93 0.26 0.05	11.50 0.02 -1.07	8.80 -0.07 -0.81
BLUE_CIRC_CHEM_DRP 24182	19.22 0.35 0.00	16.82 0.40 0.00	4.83 0.12 0.00	10.05 0.25 0.00	16.33 0.34 0.00	21.55 0.38 0.00	21.08 0.30 0.00	10.15 0.07 0.00	12.95 0.02 0.00	16.91 -0.02 0.00	12.99 0.00 0.00	7.06 0.01 0.00	12.89 0.04 0.00	10.07 0.05 0.00	14.29 0.06 0.00	21.23 0.08 0.00	24.32 0.15 0.00	29.83 0.22 0.00	33.95 0.19 0.00	42.91 0.22 3.95	34.57 0.21 3.32	23.86 0.23 0.08	10.61 0.19 0.00	8.26 0.20 0.00
BOC_GAS_DRP 24189	19.15 0.28 0.00	16.74 0.32 0.00	4.81 0.10 0.00	10.00 0.20 0.00	16.25 0.26 0.00	21.44 0.28 0.00	21.01 0.23 0.00	10.16 0.08 0.00	12.99 0.05 0.00	16.98 0.05 0.00	13.05 0.06 0.00	7.09 0.05 0.00	12.96 0.11 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.35 0.20 0.00	24.42 0.25 0.00	29.86 0.25 0.00	33.91 0.15 0.00	42.73 0.05 3.96	34.40 0.05 3.33	23.74 0.11 0.08	10.56 0.15 0.00	8.23 0.16 0.00
BOONVILLE_115KV_TB1 79983	18.70 -0.17 0.00	16.39 -0.03 0.00	4.72 0.01 0.00	9.86 0.06 0.00	16.23 0.23 0.00	21.51 0.34 0.00	21.06 0.27 0.00	10.14 0.06 0.00	12.97 0.03 0.00	16.87 -0.05 0.00	12.96 -0.04 0.00	7.06 0.01 0.00	12.80 -0.05 0.00	9.96 -0.06 0.00	14.13 -0.09 0.00	21.05 -0.10 0.00	24.16 -0.02 0.00	29.77 0.16 0.00	34.21 0.45 0.00	43.76 0.94 3.82	35.08 0.62 3.21	23.80 0.17 0.08	10.49 0.08 0.00	8.06 0.00 0.00
BORALEX_4TH_BRANCH 23824	20.16 1.30 0.00	17.60 1.18 0.00	5.07 0.36 0.00	10.58 0.78 0.00	17.18 1.19 0.00	22.68 1.52 0.00	22.18 1.39 0.00	10.57 0.50 0.00	13.47 0.53 0.00	17.44 0.52 0.00	13.25 0.26 0.00	7.19 0.14 0.00	13.18 0.33 0.00	10.31 0.29 0.00	14.58 0.35 0.00	21.65 0.50 0.00	24.93 0.75 0.00	30.58 0.97 0.00	35.13 1.37 0.00	44.50 1.88 4.01	35.83 1.53 3.37	24.67 1.04 0.08	11.01 0.60 0.00	8.67 0.60 0.00
BOWLINE___1 23526	19.92 1.06 0.00	17.43 1.01 0.00	5.01 0.30 0.00	10.41 0.62 0.00	16.87 0.87 0.00	22.23 1.06 0.00	21.82 1.04 0.00	10.56 0.48 0.00	13.47 0.54 0.00	17.64 0.72 0.00	13.59 0.60 0.00	7.40 0.35 0.00	13.57 0.72 0.00	10.62 0.60 0.00	15.10 0.87 0.00	22.46 1.32 0.00	25.73 1.56 0.00	31.42 1.81 0.00	35.64 1.89 0.00	45.15 2.19 3.68	36.34 1.76 3.09	24.76 1.13 0.07	11.04 0.63 0.00	8.60 0.54 0.00
BOWLINE___2 23595	19.93 1.06 0.00	17.43 1.01 0.00	5.01 0.30 0.00	10.42 0.62 0.00	16.87 0.87 0.00	22.23 1.07 0.00	21.82 1.04 0.00	10.56 0.48 0.00	13.48 0.54 0.00	17.65 0.73 0.00	13.60 0.60 0.00	7.40 0.36 0.00	13.58 0.73 0.00	10.62 0.60 0.00	15.11 0.88 0.00	22.47 1.33 0.00	25.74 1.56 0.00	31.44 1.83 0.00	35.66 1.91 0.00	45.17 2.21 3.68	36.36 1.78 3.09	24.77 1.13 0.07	11.04 0.63 0.00	8.61 0.54 0.00
BRADY___115KV_TB2 356060	18.90 0.04 0.00	16.37 -0.05 0.00	4.69 -0.02 0.00	9.74 -0.06 0.00	16.00 0.01 0.00	21.35 0.18 0.00	21.09 0.31 0.00	10.24 0.17 0.00	13.17 0.23 0.00	17.24 0.32 0.00	13.20 0.20 0.00	7.16 0.10 0.00	12.99 0.13 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.36 0.22 0.00	24.41 0.24 0.00	29.99 0.38 0.00	34.31 0.55 0.00	46.13 1.23 1.74	37.38 1.16 1.46	24.38 0.71 0.03	10.52 0.11 0.00	8.06 0.00 0.00
BRANSCOMB___SOLAR 323811	19.71 0.85 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.09 0.92 0.00	21.69 0.91 0.00	10.41 0.33 0.00	13.25 0.32 0.00	17.21 0.28 0.00	13.14 0.15 0.00	7.15 0.10 0.00	13.08 0.23 0.00	10.22 0.19 0.00	14.43 0.20 0.00	21.43 0.29 0.00	24.72 0.54 0.00	30.38 0.77 0.00	34.80 1.04 0.00	44.02 1.47 4.09	35.47 1.23 3.44	24.36 0.73 0.08	10.83 0.42 0.00	8.44 0.38 0.00
BRDGHMPT_69_KV_BK1 55812	19.91 1.04 0.00	17.48 1.06 0.00	5.05 0.34 0.00	10.74 0.94 0.00	17.19 1.19 0.00	22.84 1.67 0.00	22.77 1.99 0.00	11.04 0.97 0.00	13.75 0.81 0.00	18.17 1.24 0.00	14.05 1.06 0.00	7.64 0.59 0.00	14.00 1.15 0.00	10.99 0.97 0.00	18.93 1.48 -3.23	27.27 2.53 -3.59	29.07 2.86 -2.03	36.47 3.32 -3.54	37.11 3.35 0.00	46.73 3.81 3.71	37.48 2.92 3.12	25.46 1.83 0.07	15.83 1.04 -4.38	9.77 0.79 -0.91



BRENTWOD_69_KV_W. BRTWOOD 56703	20.18 1.32 0.00	17.71 1.29 0.00	5.12 0.41 0.00	10.68 0.88 0.00	17.15 1.16 0.00	22.69 1.52 0.00	22.41 1.63 0.00	10.91 0.84 0.00	13.67 0.74 0.00	17.98 1.06 0.00	13.91 0.92 0.00	7.59 0.55 0.00	13.90 1.06 0.00	10.90 0.88 0.00	19.13 1.31 -3.59	27.05 2.09 -3.81	28.60 2.36 -2.07	35.88 2.67 -3.60	36.50 2.74 0.00	46.15 3.22 3.71	37.15 2.59 3.12	25.36 1.72 0.07	15.89 1.02 -4.46	9.98 0.84 -1.08
BRISTLHL_115KV_TB1 79998	18.38 -0.48 0.00	16.05 -0.36 0.00	4.61 -0.10 0.00	9.60 -0.19 0.00	15.66 -0.33 0.00	20.64 -0.53 0.00	20.23 -0.55 0.00	9.79 -0.28 0.00	12.57 -0.37 0.00	16.42 -0.50 0.00	12.62 -0.37 0.00	6.84 -0.21 0.00	12.42 -0.43 0.00	9.67 -0.35 0.00	13.74 -0.48 0.00	20.46 -0.69 0.00	23.40 -0.77 0.00	28.73 -0.88 0.00	32.87 -0.89 0.00	45.76 -1.17 -0.29	36.94 -0.99 -0.25	23.07 -0.64 -0.01	10.16 -0.25 0.00	7.90 -0.17 0.00
BROOKHAVEN___DRP 24191	19.89 1.02 0.00	17.45 1.03 0.00	5.05 0.34 0.00	10.56 0.76 0.00	16.95 0.96 0.00	22.45 1.28 0.00	22.29 1.51 0.00	10.84 0.76 0.00	13.50 0.56 0.00	17.79 0.87 0.00	13.75 0.76 0.00	7.48 0.44 0.00	13.71 0.86 0.00	10.75 0.73 0.00	18.56 1.12 -3.22	26.67 1.93 -3.59	28.38 2.17 -2.03	35.61 2.47 -3.54	36.22 2.46 0.00	45.72 2.79 3.71	36.76 2.21 3.12	25.14 1.51 0.07	15.73 0.95 -4.38	9.73 0.77 -0.90
BROOKLYN_NAVY_YARD 23515	20.04 1.17 0.00	17.57 1.15 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.99 1.00 0.00	22.36 1.20 0.00	21.96 1.17 0.00	10.65 0.57 0.00	13.59 0.65 0.00	17.82 0.90 0.00	13.75 0.75 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.27 1.05 0.00	22.73 1.58 0.00	26.04 1.86 0.00	31.75 2.14 0.00	35.91 2.15 0.00	45.41 2.48 3.71	36.60 2.04 3.12	24.96 1.33 0.07	11.14 0.73 0.00	8.68 0.61 0.00
BROOKLYN___ARMY_DRP 323595	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
BROOME_2_LFGE 323671	18.72 -0.14 0.00	16.43 0.01 0.00	4.71 0.00 0.00	9.82 0.03 0.00	15.98 -0.01 0.00	21.02 -0.15 0.00	20.55 -0.24 0.00	9.95 -0.13 0.00	12.77 -0.17 0.00	16.71 -0.21 0.00	12.87 -0.12 0.00	6.98 -0.07 0.00	12.74 -0.11 0.00	9.92 -0.10 0.00	14.09 -0.13 0.00	20.96 -0.19 0.00	23.93 -0.25 0.00	29.35 -0.26 0.00	33.50 -0.26 0.00	42.25 -0.29 4.10	33.88 -0.35 3.45	23.32 -0.30 0.08	10.34 -0.07 0.00	8.02 -0.04 0.00
BROOME___LFGE 323600	18.72 -0.14 0.00	16.43 0.01 0.00	4.71 0.00 0.00	9.82 0.03 0.00	15.98 -0.01 0.00	21.02 -0.15 0.00	20.55 -0.24 0.00	9.95 -0.13 0.00	12.77 -0.17 0.00	16.71 -0.21 0.00	12.87 -0.12 0.00	6.98 -0.07 0.00	12.74 -0.11 0.00	9.92 -0.10 0.00	14.09 -0.13 0.00	20.96 -0.19 0.00	23.93 -0.25 0.00	29.35 -0.26 0.00	33.50 -0.26 0.00	42.25 -0.29 4.10	33.88 -0.35 3.45	23.32 -0.30 0.08	10.34 -0.07 0.00	8.02 -0.04 0.00
BROWNFLS_115KV_TB 3_5 80003	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
BROWNSV1_27_KV_LOAD 356125	20.24 1.38 0.00	17.74 1.32 0.00	5.10 0.39 0.00	10.60 0.80 0.00	17.15 1.16 0.00	22.59 1.42 0.00	22.19 1.40 0.00	10.76 0.68 0.00	13.73 0.80 0.00	18.01 1.09 0.00	13.89 0.89 0.00	7.57 0.52 0.00	13.87 1.02 0.00	10.86 0.84 0.00	15.43 1.21 0.00	22.98 1.84 0.00	26.32 2.14 0.00	32.10 2.48 0.00	36.29 2.54 0.00	45.94 3.01 3.71	37.04 2.48 3.12	25.23 1.60 0.07	11.25 0.85 0.00	8.76 0.70 0.00
BURROWS___LYONSDAL 23803	18.48 -0.38 0.00	16.22 -0.20 0.00	4.68 -0.03 0.00	9.78 -0.02 0.00	16.16 0.16 0.00	21.44 0.27 0.00	20.97 0.19 0.00	10.09 0.01 0.00	12.91 -0.03 0.00	16.79 -0.13 0.00	12.89 -0.10 0.00	7.02 -0.03 0.00	12.73 -0.12 0.00	9.90 -0.12 0.00	14.04 -0.18 0.00	20.91 -0.24 0.00	23.99 -0.18 0.00	29.60 -0.01 0.00	34.08 0.32 0.00	43.89 0.83 3.59	35.16 0.49 3.02	23.65 0.01 0.07	10.41 0.00 0.00	7.98 -0.09 0.00
CAITHNESS_CC_1 323624	19.91 1.04 0.00	17.47 1.05 0.00	5.06 0.34 0.00	10.57 0.77 0.00	16.97 0.97 0.00	22.46 1.29 0.00	22.26 1.48 0.00	10.83 0.75 0.00	13.51 0.57 0.00	17.79 0.87 0.00	13.76 0.76 0.00	7.49 0.44 0.00	13.72 0.87 0.00	10.76 0.74 0.00	18.57 1.13 -3.21	26.65 1.93 -3.58	28.37 2.17 -2.03	35.58 2.44 -3.53	36.20 2.44 0.00	45.68 2.75 3.71	36.74 2.19 3.12	25.13 1.49 0.07	15.73 0.94 -4.38	9.73 0.77 -0.90
CALPINE BETH_PAGE_GT4 24209	20.17 1.30 0.00	17.69 1.27 0.00	5.10 0.39 0.00	10.61 0.81 0.00	17.07 1.07 0.00	22.55 1.38 0.00	22.14 1.36 0.00	10.77 0.69 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.80 0.81 0.00	7.54 0.48 0.00	13.80 0.95 0.00	10.80 0.78 0.00	23.74 1.14 -8.37	29.61 1.77 -6.70	28.68 1.98 -2.53	36.24 2.22 -4.41	36.00 2.24 0.00	45.49 2.57 3.71	36.64 2.08 3.12	25.03 1.40 0.07	16.73 0.86 -5.46	12.15 0.74 -3.34
CALPINE_BETH_PAGE_GT_4 323586	20.17 1.30 0.00	17.69 1.27 0.00	5.10 0.39 0.00	10.61 0.81 0.00	17.07 1.07 0.00	22.55 1.38 0.00	22.14 1.36 0.00	10.77 0.69 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.80 0.81 0.00	7.54 0.48 0.00	13.80 0.95 0.00	10.80 0.78 0.00	23.74 1.14 -8.37	29.61 1.77 -6.70	28.68 1.98 -2.53	36.23 2.21 -4.41	36.00 2.24 0.00	45.49 2.56 3.71	36.64 2.08 3.12	25.03 1.40 0.07	16.73 0.86 -5.46	12.15 0.74 -3.34
CALPINE_BP_GT1 23823	20.17 1.30 0.00	17.69 1.27 0.00	5.10 0.39 0.00	10.61 0.81 0.00	17.07 1.07 0.00	22.55 1.38 0.00	22.14 1.36 0.00	10.77 0.69 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.80 0.81 0.00	7.54 0.48 0.00	13.80 0.95 0.00	10.80 0.78 0.00	23.74 1.14 -8.37	29.61 1.77 -6.70	28.68 1.98 -2.53	36.23 2.21 -4.41	36.00 2.24 0.00	45.49 2.56 3.71	36.64 2.08 3.12	25.03 1.40 0.07	16.73 0.86 -5.46	12.15 0.74 -3.34
CALSPAN___DRP 24200	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.18 0.00	9.47 -0.32 0.00	15.38 -0.61 0.00	20.09 -1.07 0.00	19.49 -1.29 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.44 -0.48 0.00	12.65 -0.35 0.00	6.85 -0.20 0.00	12.38 -0.47 0.00	9.58 -0.43 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.96 -1.21 0.00	28.08 -1.54 4.21	32.36 -1.40 0.00	40.97 -1.45 4.21	32.79 -1.35 3.55	22.19 -1.22 0.30	2.87 -0.54 7.00	2.38 -0.40 5.29

CALVERTON___SOLAR 323806	19.87 1.01 0.00	17.44 1.02 0.00	5.05 0.33 0.00	10.57 0.77 0.00	16.96 0.96 0.00	22.47 1.30 0.00	22.33 1.55 0.00	10.85 0.78 0.00	13.50 0.57 0.00	17.81 0.88 0.00	13.76 0.77 0.00	7.48 0.43 0.00	13.71 0.86 0.00	10.75 0.73 0.00	18.57 1.13 -3.22	26.70 1.97 -3.59	28.42 2.22 -2.03	35.67 2.53 -3.54	36.28 2.52 0.00	45.78 2.86 3.71	36.81 2.26 3.12	25.17 1.53 0.07	15.74 0.96 -4.38	9.74 0.77 -0.90
CANDIGU_WT_PWR 323617	18.13 -0.73 0.00	15.98 -0.44 0.00	4.57 -0.14 0.00	9.53 -0.27 0.00	15.52 -0.47 0.00	20.37 -0.80 0.00	19.77 -1.02 0.00	9.56 -0.52 0.00	12.36 -0.57 0.00	16.27 -0.65 0.00	12.57 -0.42 0.00	6.81 -0.24 0.00	12.35 -0.50 0.00	9.57 -0.45 0.00	13.62 -0.60 0.00	20.21 -0.93 0.00	23.00 -1.18 0.00	28.24 -1.38 0.00	32.49 -1.26 0.00	41.36 -1.29 3.99	32.92 -1.40 3.36	20.92 -1.36 1.43	-33.83 -0.60 43.64	-25.38 -0.48 32.97
CARR STREET_E_SYR 24060	18.60 -0.27 0.00	16.26 -0.17 0.00	4.67 -0.04 0.00	9.73 -0.06 0.00	15.84 -0.16 0.00	20.83 -0.34 0.00	20.39 -0.40 0.00	9.87 -0.21 0.00	12.67 -0.26 0.00	16.56 -0.36 0.00	12.77 -0.22 0.00	6.93 -0.12 0.00	12.60 -0.25 0.00	9.81 -0.21 0.00	13.94 -0.29 0.00	20.75 -0.39 0.00	23.73 -0.45 0.00	29.12 -0.49 0.00	33.30 -0.46 0.00	43.33 -0.55 2.75	34.86 -0.50 2.31	23.29 -0.37 0.05	10.29 -0.12 0.00	8.00 -0.07 0.00
CARTHAGE___PAPER 23857	18.18 -0.68 0.00	15.95 -0.47 0.00	4.61 -0.10 0.00	9.65 -0.15 0.00	16.12 0.13 0.00	21.43 0.27 0.00	20.94 0.16 0.00	10.09 0.02 0.00	12.87 -0.06 0.00	16.66 -0.26 0.00	12.76 -0.23 0.00	6.92 -0.13 0.00	12.50 -0.35 0.00	9.72 -0.30 0.00	13.77 -0.45 0.00	20.50 -0.64 0.00	23.55 -0.63 0.00	29.27 -0.34 0.00	33.97 0.21 0.00	45.49 1.05 2.20	36.53 0.71 1.85	23.60 -0.07 0.04	10.33 -0.09 0.00	7.87 -0.20 0.00
CASSADAGA_WT_PWR 323784	17.83 -1.04 0.00	15.72 -0.70 0.00	4.52 -0.19 0.00	9.51 -0.29 0.00	15.38 -0.61 0.00	20.11 -1.06 0.00	19.58 -1.20 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.67 -0.25 0.00	12.96 -0.04 0.00	7.01 -0.04 0.00	12.69 -0.17 0.00	9.81 -0.20 0.00	14.02 -0.21 0.00	20.71 -0.43 0.00	23.37 -0.80 0.00	28.62 -0.99 0.00	33.07 -0.68 0.00	41.95 -0.49 4.20	33.13 -1.03 3.53	22.06 -1.43 0.22	5.40 -0.64 4.38	4.23 -0.53 3.30
CE_DUNWOOD___DRP 24194	20.02 1.16 0.00	17.51 1.09 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.95 0.96 0.00	22.33 1.17 0.00	21.93 1.14 0.00	10.62 0.54 0.00	13.54 0.61 0.00	17.74 0.82 0.00	13.67 0.68 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.66 0.00	15.18 0.96 0.00	22.60 1.45 0.00	25.88 1.70 0.00	31.59 1.98 0.00	35.80 2.04 0.00	45.32 2.39 3.71	36.50 1.94 3.12	24.88 1.25 0.07	11.10 0.69 0.00	8.65 0.59 0.00
CE_MILLWOOD___DRP 24193	19.99 1.12 0.00	17.48 1.06 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.92 0.93 0.00	22.30 1.14 0.00	21.88 1.10 0.00	10.59 0.52 0.00	13.52 0.58 0.00	17.70 0.78 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.62 0.77 0.00	10.65 0.63 0.00	15.15 0.92 0.00	22.54 1.39 0.00	25.81 1.64 0.00	31.52 1.91 0.00	35.73 1.97 0.00	45.23 2.30 3.71	36.42 1.86 3.12	24.83 1.20 0.07	11.07 0.66 0.00	8.64 0.57 0.00
CE_NYC2_DRP 24202	20.12 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.75 0.00	17.07 1.08 0.00	22.47 1.30 0.00	22.08 1.30 0.00	10.69 0.62 0.00	13.64 0.70 0.00	17.88 0.96 0.00	13.79 0.80 0.00	7.51 0.46 0.00	13.78 0.93 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.11 1.93 0.00	31.82 2.21 0.00	35.97 2.21 0.00	45.48 2.56 3.71	36.67 2.11 3.12	25.04 1.41 0.07	11.17 0.76 0.00	8.70 0.63 0.00
CE_NYC_DRP 24195	20.11 1.25 0.00	17.62 1.20 0.00	6.01 0.36 -0.94	10.53 0.73 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.69 0.00	454.27 0.95 -436.40	247.90 0.79 -234.12	7.51 0.46 0.00	30.39 0.92 -16.63	10.78 0.76 0.00	15.32 1.09 0.00	22.98 1.66 0.00	26.12 1.95 0.00	31.85 2.24 0.00	36.57 2.26 0.00	53.70 2.62 -4.44	37.63 2.16 2.21	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
CHAFFEE___LFGE 323603	17.98 -0.89 0.00	15.80 -0.62 0.00	4.55 -0.16 0.00	9.53 -0.27 0.00	15.48 -0.52 0.00	20.22 -0.95 0.00	19.62 -1.17 0.00	9.59 -0.48 0.00	12.56 -0.38 0.00	16.54 -0.38 0.00	12.71 -0.27 0.00	6.88 -0.17 0.00	12.46 -0.39 0.00	9.63 -0.38 0.00	13.79 -0.43 0.00	20.38 -0.77 0.00	23.11 -1.07 0.00	28.30 -1.32 0.00	32.59 -1.16 0.00	41.29 -1.14 4.20	33.06 -1.08 3.53	22.42 -1.04 0.26	4.31 -0.46 5.65	3.46 -0.35 4.27
CHATEAUG_35_KV_LOAD 355732	18.72 -0.14 0.00	16.24 -0.18 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.13 -0.04 0.00	20.83 0.05 0.00	10.16 0.08 0.00	13.11 0.18 0.00	17.19 0.26 0.00	13.13 0.14 0.00	7.12 0.07 0.00	12.96 0.11 0.00	10.11 0.09 0.00	14.34 0.12 0.00	21.32 0.18 0.00	24.41 0.23 0.00	29.94 0.33 0.00	34.17 0.41 0.00	45.89 0.85 1.61	37.04 0.71 1.35	24.06 0.38 0.03	10.40 -0.01 0.00	7.93 -0.13 0.00
CHATEAUG_WT_PWR 323614	18.72 -0.15 0.00	16.23 -0.19 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.12 -0.04 0.00	20.83 0.05 0.00	10.17 0.09 0.00	13.13 0.19 0.00	17.21 0.29 0.00	13.15 0.16 0.00	7.13 0.08 0.00	12.99 0.14 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.36 0.21 0.00	24.46 0.28 0.00	30.00 0.38 0.00	34.22 0.46 0.00	45.91 0.88 1.61	37.00 0.68 1.35	24.03 0.35 0.03	10.38 -0.03 0.00	7.92 -0.14 0.00
CHAT_HIGH_FALL_HYD 323578	18.72 -0.14 0.00	16.24 -0.18 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.13 -0.04 0.00	20.83 0.05 0.00	10.16 0.08 0.00	13.11 0.18 0.00	17.19 0.26 0.00	13.13 0.14 0.00	7.12 0.07 0.00	12.96 0.11 0.00	10.11 0.09 0.00	14.34 0.12 0.00	21.32 0.18 0.00	24.41 0.23 0.00	29.94 0.33 0.00	34.17 0.41 0.00	45.89 0.85 1.61	37.04 0.71 1.35	24.06 0.38 0.03	10.40 -0.01 0.00	7.93 -0.13 0.00
CHAUTAUQUA___LFGE 323629	17.92 -0.94 0.00	15.80 -0.62 0.00	4.54 -0.17 0.00	9.53 -0.27 0.00	15.46 -0.54 0.00	20.18 -0.98 0.00	19.60 -1.19 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.57 -0.36 0.00	12.82 -0.17 0.00	6.94 -0.11 0.00	12.58 -0.27 0.00	9.74 -0.28 0.00	13.91 -0.32 0.00	20.55 -0.59 0.00	23.26 -0.92 0.00	28.45 -1.16 0.00	32.79 -0.97 0.00	41.57 -0.86 4.21	33.00 -1.14 3.54	22.18 -1.28 0.25	4.45 -0.54 5.42	3.54 -0.43 4.09
CHERRYST_13_KV_LD 356241	20.16 1.30 0.00	17.66 1.24 0.00	5.08 0.37 0.00	10.56 0.76 0.00	17.09 1.09 0.00	22.50 1.33 0.00	22.10 1.31 0.00	10.71 0.63 0.00	13.67 0.74 0.00	17.94 1.02 0.00	13.83 0.84 0.00	7.54 0.49 0.00	13.82 0.97 0.00	10.81 0.80 0.00	15.37 1.15 0.00	22.90 1.75 0.00	26.21 2.04 0.00	31.96 2.35 0.00	36.13 2.37 0.00	45.69 2.76 3.71	36.83 2.28 3.12	25.10 1.46 0.07	11.19 0.78 0.00	8.72 0.65 0.00

CHESTROR_138KV_BK263 355645	19.81 0.95 0.00	17.32 0.90 0.00	4.98 0.27 0.00	10.36 0.56 0.00	16.78 0.79 0.00	22.12 0.95 0.00	21.70 0.92 0.00	10.50 0.42 0.00	13.40 0.46 0.00	17.52 0.60 0.00	13.49 0.50 0.00	7.35 0.30 0.00	13.46 0.61 0.00	10.53 0.51 0.00	14.96 0.73 0.00	22.26 1.11 0.00	25.50 1.32 0.00	31.18 1.56 0.00	35.41 1.66 0.00	44.97 1.95 3.62	36.20 1.56 3.04	24.64 1.01 0.07	10.98 0.57 0.00	8.55 0.49 0.00
CH_MIDHUDSON___DRP 24192	20.04 1.17 0.00	17.53 1.11 0.00	5.04 0.33 0.00	10.48 0.68 0.00	16.98 0.98 0.00	22.38 1.21 0.00	21.96 1.18 0.00	10.62 0.55 0.00	13.54 0.61 0.00	17.70 0.78 0.00	13.62 0.63 0.00	7.41 0.36 0.00	13.58 0.73 0.00	10.63 0.61 0.00	15.10 0.87 0.00	22.48 1.34 0.00	25.77 1.60 0.00	31.53 1.92 0.00	35.82 2.06 0.00	45.43 2.51 3.72	36.57 2.02 3.13	24.93 1.29 0.07	11.11 0.70 0.00	8.66 0.60 0.00
CH_MISC_IPPS 23765	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.81 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00
CH_RES_BVR_FALLS 23983	18.62 -0.25 0.00	16.23 -0.18 0.00	4.67 -0.04 0.00	9.69 -0.10 0.00	15.89 -0.11 0.00	21.06 -0.10 0.00	20.66 -0.12 0.00	10.02 -0.06 0.00	12.90 -0.03 0.00	16.89 -0.03 0.00	12.95 -0.04 0.00	7.03 -0.02 0.00	12.82 -0.03 0.00	9.99 -0.02 0.00	14.19 -0.04 0.00	21.08 -0.06 0.00	24.09 -0.09 0.00	29.53 -0.08 0.00	33.68 -0.08 0.00	43.14 -0.09 3.42	34.64 -0.16 2.87	23.44 -0.20 0.07	10.27 -0.14 0.00	7.93 -0.14 0.00
CH_RES_NIAGARA 23895	17.31 -1.56 0.00	15.19 -1.23 0.00	4.41 -0.30 0.00	9.26 -0.54 0.00	15.00 -1.00 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.17 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.27 -1.90 0.00	27.06 -2.56 0.00	31.15 -2.61 0.00	39.25 -3.13 4.26	31.54 -2.56 3.58	21.56 -1.89 0.26	3.92 -0.82 5.68	3.18 -0.60 4.29
CH_RES_SYRACUSE 23985	18.62 -0.25 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.24 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.17 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
CLINTON_WT_PWR 323605	18.72 -0.15 0.00	16.23 -0.19 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.12 -0.04 0.00	20.83 0.05 0.00	10.17 0.09 0.00	13.13 0.19 0.00	17.21 0.29 0.00	13.15 0.16 0.00	7.13 0.08 0.00	12.99 0.14 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.36 0.21 0.00	24.46 0.28 0.00	30.00 0.38 0.00	34.22 0.46 0.00	45.91 0.88 1.61	37.00 0.68 1.35	24.03 0.35 0.03	10.38 -0.03 0.00	7.92 -0.14 0.00
CLINTON___LFGE 323618	18.83 -0.04 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.97 -0.02 0.00	21.25 0.08 0.00	20.97 0.18 0.00	10.20 0.12 0.00	13.12 0.19 0.00	17.18 0.26 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.09 0.07 0.00	14.32 0.10 0.00	21.30 0.15 0.00	24.40 0.22 0.00	29.97 0.36 0.00	34.28 0.53 0.00	46.27 1.24 1.61	37.39 1.07 1.35	24.28 0.60 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
COBBLENY_34_KV_TB1 80064	17.98 -0.89 0.00	15.80 -0.62 0.00	4.55 -0.16 0.00	9.53 -0.26 0.00	15.48 -0.52 0.00	20.22 -0.94 0.00	19.62 -1.17 0.00	9.59 -0.48 0.00	12.56 -0.38 0.00	16.54 -0.38 0.00	12.72 -0.27 0.00	6.88 -0.17 0.00	12.46 -0.39 0.00	9.63 -0.38 0.00	13.79 -0.43 0.00	20.37 -0.77 0.00	23.11 -1.07 0.00	28.28 -1.33 0.00	32.59 -1.16 0.00	41.29 -1.14 4.20	33.07 -1.07 3.53	22.42 -1.03 0.26	4.30 -0.46 5.65	3.45 -0.35 4.27
COFFEEN___115KV_TB3 355620	18.20 -0.67 0.00	15.99 -0.43 0.00	4.62 -0.09 0.00	9.67 -0.13 0.00	16.16 0.16 0.00	21.45 0.28 0.00	20.94 0.15 0.00	10.10 0.03 0.00	12.85 -0.08 0.00	16.61 -0.31 0.00	12.72 -0.27 0.00	6.88 -0.17 0.00	12.41 -0.44 0.00	9.65 -0.37 0.00	13.67 -0.56 0.00	20.33 -0.82 0.00	23.35 -0.83 0.00	29.05 -0.56 0.00	33.86 0.10 0.00	45.78 1.03 1.88	36.85 0.75 1.59	23.62 -0.05 0.04	10.35 -0.06 0.00	7.90 -0.17 0.00
COLDSPRG_115KV_BK1 355956	18.38 -0.49 0.00	16.21 -0.22 0.00	4.65 -0.06 0.00	9.75 -0.04 0.00	15.83 -0.17 0.00	20.72 -0.45 0.00	20.18 -0.60 0.00	9.87 -0.21 0.00	12.89 -0.04 0.00	17.05 0.12 0.00	13.17 0.17 0.00	7.10 0.05 0.00	12.87 0.02 0.00	9.96 -0.05 0.00	14.24 0.01 0.00	21.03 -0.11 0.00	23.79 -0.39 0.00	29.13 -0.49 0.00	33.58 -0.18 0.00	42.58 0.12 4.17	33.88 -0.28 3.51	22.82 -0.72 0.17	7.39 -0.30 2.72	5.77 -0.24 2.06
COLONIE_LFGE___ 323577	19.55 0.68 0.00	17.05 0.63 0.00	4.91 0.19 0.00	10.22 0.42 0.00	16.60 0.61 0.00	21.91 0.75 0.00	21.46 0.67 0.00	10.32 0.24 0.00	13.16 0.22 0.00	17.12 0.20 0.00	13.09 0.10 0.00	7.12 0.07 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.42 0.19 0.00	21.41 0.27 0.00	24.60 0.43 0.00	30.16 0.55 0.00	34.49 0.73 0.00	43.48 0.89 4.05	34.99 0.72 3.41	24.12 0.49 0.08	10.73 0.32 0.00	8.39 0.32 0.00
COOPERNY_115KV_TB1 80082	19.24 0.38 0.00	16.81 0.39 0.00	4.85 0.13 0.00	10.08 0.28 0.00	16.36 0.36 0.00	21.53 0.36 0.00	21.12 0.34 0.00	10.22 0.15 0.00	13.07 0.14 0.00	17.09 0.17 0.00	13.17 0.18 0.00	7.17 0.12 0.00	13.09 0.24 0.00	10.23 0.22 0.00	14.51 0.28 0.00	21.58 0.43 0.00	24.68 0.50 0.00	30.20 0.59 0.00	34.35 0.59 0.00	43.98 0.63 3.29	35.40 0.49 2.77	23.98 0.33 0.06	10.67 0.26 0.00	8.30 0.23 0.00
COPENHAGEN_WT_PWR 323753	17.88 -0.99 0.00	15.74 -0.68 0.00	4.55 -0.16 0.00	9.54 -0.25 0.00	16.00 0.01 0.00	21.24 0.07 0.00	20.70 -0.08 0.00	10.03 -0.05 0.00	12.81 -0.13 0.00	16.58 -0.34 0.00	12.71 -0.28 0.00	6.88 -0.17 0.00	12.43 -0.42 0.00	9.66 -0.35 0.00	13.68 -0.55 0.00	20.33 -0.82 0.00	23.32 -0.86 0.00	28.97 -0.64 0.00	33.64 -0.12 0.00	45.39 0.55 1.80	36.36 0.20 1.51	23.17 -0.50 0.04	10.15 -0.26 0.00	7.75 -0.31 0.00
CORNELL_____ 23752	18.92 0.05 0.00	16.56 0.13 0.00	4.75 0.04 0.00	9.91 0.11 0.00	16.13 0.14 0.00	21.25 0.09 0.00	20.80 0.01 0.00	10.06 -0.01 0.00	12.90 -0.04 0.00	16.83 -0.10 0.00	12.92 -0.07 0.00	7.01 -0.04 0.00	12.71 -0.14 0.00	9.89 -0.13 0.00	14.06 -0.17 0.00	20.93 -0.22 0.00	23.99 -0.19 0.00	29.51 -0.10 0.00	33.84 0.08 0.00	43.51 0.39 3.52	35.03 0.31 2.96	23.83 0.10 -0.02	13.51 0.07 -3.03	10.40 0.04 -2.29

CORONA_69_KV_TB1 355595	20.26 1.39 0.00	17.77 1.35 0.00	5.12 0.41 0.00	10.64 0.84 0.00	17.14 1.15 0.00	22.63 1.47 0.00	22.26 1.48 0.00	10.82 0.74 0.00	13.68 0.75 0.00	17.99 1.07 0.00	13.90 0.91 0.00	7.58 0.54 0.00	13.89 1.04 0.00	10.88 0.86 0.00	44.17 1.25 -28.70	41.18 1.90 -18.14	29.98 2.16 -3.64	38.39 2.44 -6.35	36.28 2.53 0.00	45.92 3.00 3.71	37.00 2.44 3.12	25.24 1.60 0.07	19.20 0.93 -7.86	22.13 0.76 -13.29
CORTLAND_115KV_TB3 80093	18.75 -0.11 0.00	16.42 0.00 0.00	4.72 0.00 0.00	9.82 0.03 0.00	15.99 0.00 0.00	21.06 -0.11 0.00	20.61 -0.17 0.00	9.98 -0.10 0.00	12.81 -0.13 0.00	16.73 -0.19 0.00	12.87 -0.12 0.00	6.98 -0.07 0.00	12.69 -0.16 0.00	9.87 -0.14 0.00	14.03 -0.20 0.00	20.88 -0.27 0.00	23.88 -0.30 0.00	29.31 -0.30 0.00	33.54 -0.22 0.00	42.61 -0.14 3.88	34.26 -0.15 3.27	23.52 -0.16 0.03	11.97 -0.02 -1.59	9.25 -0.02 -1.20
COXSACKIE___GT 23611	19.81 0.95 0.00	17.30 0.88 0.00	4.97 0.26 0.00	10.34 0.54 0.00	16.82 0.82 0.00	22.23 1.06 0.00	21.79 1.01 0.00	10.49 0.41 0.00	13.31 0.38 0.00	17.25 0.33 0.00	13.19 0.20 0.00	7.15 0.10 0.00	13.06 0.21 0.00	10.21 0.19 0.00	14.50 0.28 0.00	21.58 0.43 0.00	24.85 0.68 0.00	30.64 1.02 0.00	35.07 1.31 0.00	44.73 2.00 3.91	36.12 1.72 3.28	24.80 1.17 0.08	10.98 0.57 0.00	8.52 0.45 0.00
CPV_VALLEY___CC1 323721	19.08 0.21 0.00	16.67 0.25 0.00	4.82 0.11 0.00	10.02 0.23 0.00	16.25 0.25 0.00	21.34 0.17 0.00	20.94 0.15 0.00	10.13 0.06 0.00	12.96 0.02 0.00	16.94 0.02 0.00	13.07 0.08 0.00	7.12 0.07 0.00	13.01 0.15 0.00	10.18 0.16 0.00	14.39 0.17 0.00	21.40 0.26 0.00	24.47 0.29 0.00	29.91 0.30 0.00	34.01 0.25 0.00	43.52 0.14 3.26	35.04 0.11 2.74	23.76 0.11 0.06	10.60 0.19 0.00	8.24 0.18 0.00
CPV_VALLEY___CC2 323722	19.08 0.21 0.00	16.67 0.25 0.00	4.82 0.11 0.00	10.02 0.23 0.00	16.25 0.25 0.00	21.34 0.17 0.00	20.94 0.15 0.00	10.13 0.06 0.00	12.96 0.02 0.00	16.94 0.02 0.00	13.07 0.08 0.00	7.12 0.07 0.00	13.01 0.15 0.00	10.18 0.16 0.00	14.39 0.17 0.00	21.40 0.26 0.00	24.47 0.29 0.00	29.91 0.30 0.00	34.01 0.25 0.00	43.52 0.14 3.26	35.04 0.11 2.74	23.76 0.11 0.06	10.60 0.19 0.00	8.24 0.18 0.00
CRESCENT___HYD 24018	19.55 0.68 0.00	17.05 0.63 0.00	4.91 0.19 0.00	10.22 0.42 0.00	16.60 0.61 0.00	21.91 0.75 0.00	21.46 0.67 0.00	10.32 0.24 0.00	13.16 0.22 0.00	17.12 0.20 0.00	13.09 0.10 0.00	7.12 0.07 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.42 0.19 0.00	21.41 0.27 0.00	24.60 0.43 0.00	30.16 0.55 0.00	34.49 0.73 0.00	43.48 0.89 4.05	34.99 0.72 3.41	24.12 0.49 0.08	10.73 0.32 0.00	8.39 0.32 0.00
CRICKET___VALLEY_CC1 323756	19.96 1.10 0.00	17.49 1.07 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.93 0.94 0.00	22.31 1.15 0.00	21.86 1.07 0.00	10.53 0.45 0.00	13.43 0.49 0.00	17.53 0.61 0.00	13.47 0.48 0.00	7.32 0.27 0.00	13.42 0.57 0.00	10.50 0.48 0.00	14.90 0.67 0.00	22.16 1.02 0.00	25.38 1.20 0.00	31.01 1.40 0.00	35.28 1.53 0.00	44.70 1.83 3.77	35.96 1.46 3.17	24.59 0.96 0.07	10.98 0.57 0.00	8.60 0.53 0.00
CRICKET___VALLEY_CC2 323757	19.96 1.10 0.00	17.49 1.07 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.93 0.94 0.00	22.31 1.15 0.00	21.86 1.07 0.00	10.53 0.45 0.00	13.43 0.49 0.00	17.53 0.61 0.00	13.47 0.48 0.00	7.32 0.27 0.00	13.42 0.57 0.00	10.50 0.48 0.00	14.90 0.67 0.00	22.16 1.02 0.00	25.38 1.20 0.00	31.01 1.40 0.00	35.28 1.53 0.00	44.70 1.83 3.77	35.96 1.46 3.17	24.59 0.96 0.07	10.98 0.57 0.00	8.60 0.53 0.00
CRICKET___VALLEY_CC3 323758	19.96 1.10 0.00	17.49 1.07 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.93 0.94 0.00	22.31 1.15 0.00	21.86 1.07 0.00	10.53 0.45 0.00	13.43 0.49 0.00	17.53 0.61 0.00	13.47 0.48 0.00	7.32 0.27 0.00	13.42 0.57 0.00	10.50 0.48 0.00	14.90 0.67 0.00	22.16 1.02 0.00	25.38 1.20 0.00	31.01 1.40 0.00	35.28 1.53 0.00	44.70 1.83 3.77	35.96 1.46 3.17	24.59 0.96 0.07	10.98 0.57 0.00	8.60 0.53 0.00
CRUCIBLE_METL_DRP 24180	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
DAHOWA___HYDRO 323763	19.76 0.90 0.00	17.24 0.82 0.00	4.96 0.25 0.00	10.32 0.52 0.00	16.77 0.77 0.00	22.15 0.98 0.00	21.78 1.00 0.00	10.44 0.37 0.00	13.30 0.36 0.00	17.26 0.34 0.00	13.17 0.18 0.00	7.17 0.12 0.00	13.12 0.27 0.00	10.24 0.22 0.00	14.44 0.22 0.00	21.46 0.31 0.00	24.77 0.59 0.00	30.43 0.82 0.00	34.87 1.12 0.00	44.16 1.61 4.09	35.59 1.36 3.44	24.42 0.79 0.08	10.85 0.44 0.00	8.46 0.39 0.00
DANC___LFGE 323619	18.11 -0.75 0.00	15.90 -0.52 0.00	4.59 -0.13 0.00	9.59 -0.21 0.00	15.90 -0.10 0.00	21.03 -0.14 0.00	20.52 -0.26 0.00	9.94 -0.14 0.00	12.71 -0.23 0.00	16.51 -0.41 0.00	12.67 -0.32 0.00	6.87 -0.18 0.00	12.43 -0.42 0.00	9.67 -0.35 0.00	13.70 -0.52 0.00	20.37 -0.78 0.00	23.33 -0.85 0.00	28.86 -0.75 0.00	33.34 -0.42 0.00	45.21 -0.08 1.34	36.36 -0.19 1.13	23.18 -0.50 0.03	10.18 -0.23 0.00	7.83 -0.24 0.00
DANSKAMMER___1 23586	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.81 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00
DANSKAMMER___2 23589	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.81 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00
DANSKAMMER___3 23590	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.81 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00

DANSKAMMER___4 23591	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.81 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00
DANSKAMMER___DIESEL 23592	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.04 1.05 0.00	22.47 1.30 0.00	22.06 1.28 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.69 0.70 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.67 0.00	15.19 0.97 0.00	22.63 1.48 0.00	25.95 1.78 0.00	31.76 2.15 0.00	36.09 2.33 0.00	45.82 2.88 3.70	36.88 2.31 3.11	25.09 1.46 0.07	11.17 0.76 0.00	8.70 0.64 0.00
DARBY___SOLAR 323810	19.71 0.85 0.00	17.20 0.78 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.09 0.92 0.00	21.71 0.92 0.00	10.41 0.33 0.00	13.27 0.33 0.00	17.22 0.30 0.00	13.15 0.16 0.00	7.15 0.10 0.00	13.10 0.24 0.00	10.22 0.20 0.00	14.43 0.20 0.00	21.44 0.29 0.00	24.74 0.56 0.00	30.39 0.78 0.00	34.81 1.05 0.00	44.02 1.47 4.09	35.47 1.23 3.44	24.35 0.72 0.08	10.82 0.41 0.00	8.44 0.37 0.00
DASHVILLE___HYD 23610	20.30 1.43 0.00	17.75 1.33 0.00	5.10 0.39 0.00	10.60 0.80 0.00	17.17 1.18 0.00	22.64 1.48 0.00	22.23 1.45 0.00	10.77 0.70 0.00	13.72 0.79 0.00	17.91 0.99 0.00	13.78 0.79 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.29 1.06 0.00	22.78 1.64 0.00	26.18 2.00 0.00	32.09 2.48 0.00	36.49 2.73 0.00	46.41 3.48 3.72	37.36 2.80 3.12	25.39 1.76 0.07	11.30 0.89 0.00	8.79 0.72 0.00
DELAWARE___LFGE 323621	19.22 0.35 0.00	16.80 0.38 0.00	4.83 0.12 0.00	10.05 0.26 0.00	16.35 0.36 0.00	21.55 0.39 0.00	21.13 0.35 0.00	10.22 0.15 0.00	13.09 0.15 0.00	17.11 0.19 0.00	13.18 0.19 0.00	7.16 0.11 0.00	13.06 0.21 0.00	10.19 0.17 0.00	14.46 0.23 0.00	21.50 0.36 0.00	24.60 0.42 0.00	30.14 0.53 0.00	34.32 0.56 0.00	43.29 0.71 4.06	34.81 0.55 3.41	23.95 0.32 0.08	10.61 0.20 0.00	8.24 0.18 0.00
DERFIELD_115KV_TB7 355931	18.84 -0.02 0.00	16.48 0.06 0.00	4.74 0.03 0.00	9.85 0.05 0.00	16.05 0.06 0.00	21.18 0.01 0.00	20.75 -0.03 0.00	10.02 -0.05 0.00	12.83 -0.10 0.00	16.75 -0.17 0.00	12.87 -0.12 0.00	6.99 -0.06 0.00	12.76 -0.09 0.00	9.95 -0.07 0.00	14.13 -0.10 0.00	21.00 -0.15 0.00	24.01 -0.17 0.00	29.41 -0.20 0.00	33.55 -0.21 0.00	41.46 -0.32 4.85	33.30 -0.30 4.08	23.45 -0.16 0.10	10.40 -0.01 0.00	8.09 0.02 0.00
DOGLEVILLE___HYD 23807	19.13 0.26 0.00	16.73 0.32 0.00	4.80 0.09 0.00	9.99 0.19 0.00	16.24 0.24 0.00	21.45 0.28 0.00	20.99 0.21 0.00	9.95 -0.13 0.00	12.52 -0.42 0.00	16.16 -0.76 0.00	12.40 -0.59 0.00	6.76 -0.29 0.00	12.39 -0.46 0.00	9.70 -0.32 0.00	13.74 -0.49 0.00	20.41 -0.73 0.00	23.62 -0.56 0.00	29.22 -0.39 0.00	33.54 -0.22 0.00	41.62 -0.17 4.85	33.57 -0.03 4.08	23.75 0.13 0.10	10.57 0.16 0.00	8.22 0.16 0.00
DUNKIRK___115KV_TB_200 55889	17.93 -0.93 0.00	15.81 -0.61 0.00	4.54 -0.17 0.00	9.53 -0.26 0.00	15.46 -0.53 0.00	20.20 -0.97 0.00	19.60 -1.18 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.56 -0.36 0.00	12.80 -0.19 0.00	6.93 -0.12 0.00	12.56 -0.29 0.00	9.73 -0.29 0.00	13.89 -0.33 0.00	20.53 -0.61 0.00	23.24 -0.94 0.00	28.41 -1.20 0.00	32.76 -1.00 0.00	41.50 -0.93 4.21	32.98 -1.16 3.54	22.21 -1.25 0.25	4.36 -0.53 5.52	3.47 -0.42 4.17
DUNKIRK___1 23563	17.93 -0.93 0.00	15.81 -0.61 0.00	4.54 -0.17 0.00	9.53 -0.26 0.00	15.46 -0.53 0.00	20.20 -0.97 0.00	19.60 -1.18 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.56 -0.36 0.00	12.80 -0.19 0.00	6.93 -0.12 0.00	12.56 -0.29 0.00	9.73 -0.29 0.00	13.89 -0.33 0.00	20.53 -0.61 0.00	23.24 -0.94 0.00	28.41 -1.20 0.00	32.76 -1.00 0.00	41.50 -0.93 4.21	32.98 -1.16 3.54	22.21 -1.25 0.25	4.36 -0.53 5.52	3.47 -0.42 4.17
DUNKIRK___2 23564	17.93 -0.93 0.00	15.81 -0.61 0.00	4.54 -0.17 0.00	9.53 -0.26 0.00	15.46 -0.53 0.00	20.20 -0.97 0.00	19.60 -1.18 0.00	9.57 -0.51 0.00	12.52 -0.42 0.00	16.56 -0.36 0.00	12.80 -0.19 0.00	6.93 -0.12 0.00	12.56 -0.29 0.00	9.73 -0.29 0.00	13.89 -0.33 0.00	20.53 -0.61 0.00	23.24 -0.94 0.00	28.41 -1.20 0.00	32.76 -1.00 0.00	41.50 -0.93 4.21	32.98 -1.16 3.54	22.21 -1.25 0.25	4.36 -0.53 5.52	3.47 -0.42 4.17
DUNKIRK___3 23565	17.93 -0.94 0.00	15.79 -0.63 0.00	4.54 -0.17 0.00	9.52 -0.28 0.00	15.45 -0.54 0.00	20.19 -0.98 0.00	19.59 -1.20 0.00	9.57 -0.52 0.00	12.50 -0.43 0.00	16.52 -0.41 0.00	12.75 -0.24 0.00	6.90 -0.15 0.00	12.51 -0.34 0.00	9.68 -0.34 0.00	13.83 -0.39 0.00	20.44 -0.70 0.00	23.15 -1.03 0.00	28.30 -1.31 0.00	32.62 -1.15 0.00	41.27 -1.15 4.21	32.87 -1.26 3.55	22.21 -1.24 0.26	4.13 -0.52 5.76	3.31 -0.41 4.35
DUNKIRK___4 23566	17.93 -0.94 0.00	15.79 -0.63 0.00	4.54 -0.17 0.00	9.52 -0.28 0.00	15.45 -0.54 0.00	20.19 -0.98 0.00	19.59 -1.20 0.00	9.57 -0.52 0.00	12.50 -0.43 0.00	16.52 -0.41 0.00	12.75 -0.24 0.00	6.90 -0.15 0.00	12.51 -0.34 0.00	9.68 -0.34 0.00	13.83 -0.39 0.00	20.44 -0.70 0.00	23.15 -1.03 0.00	28.30 -1.31 0.00	32.62 -1.15 0.00	41.27 -1.15 4.21	32.87 -1.26 3.55	22.21 -1.24 0.26	4.13 -0.52 5.76	3.31 -0.41 4.35
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	20.06 1.19 0.00	17.54 1.12 0.00	5.04 0.33 0.00	10.48 0.68 0.00	16.97 0.97 0.00	22.35 1.19 0.00	21.95 1.17 0.00	10.64 0.56 0.00	13.57 0.63 0.00	17.78 0.85 0.00	13.70 0.71 0.00	7.46 0.42 0.00	13.69 0.83 0.00	10.71 0.69 0.00	15.23 1.00 0.00	22.66 1.52 0.00	25.95 1.77 0.00	31.66 2.05 0.00	35.87 2.11 0.00	45.39 2.46 3.71	36.57 2.02 3.12	24.93 1.30 0.07	11.12 0.72 0.00	8.67 0.61 0.00
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	20.00 1.14 0.00	17.49 1.07 0.00	5.03 0.32 0.00	10.45 0.66 0.00	16.94 0.94 0.00	22.32 1.16 0.00	21.92 1.13 0.00	10.60 0.53 0.00	13.53 0.59 0.00	17.68 0.76 0.00	13.61 0.62 0.00	7.41 0.36 0.00	13.58 0.73 0.00	10.63 0.61 0.00	15.11 0.88 0.00	22.48 1.34 0.00	25.79 1.61 0.00	31.55 1.93 0.00	35.85 2.09 0.00	45.50 2.53 3.67	36.63 2.04 3.08	24.93 1.29 0.07	11.10 0.69 0.00	8.65 0.58 0.00
E179THST_138_KV_TB4_REV_LBMP_J 345001	20.13 1.26 0.00	17.63 1.21 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.45 1.29 0.00	22.08 1.29 0.00	10.65 0.58 0.00	13.58 0.64 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.48 0.43 0.00	13.71 0.86 0.00	10.73 0.71 0.00	15.25 1.03 0.00	22.69 1.55 0.00	26.03 1.86 0.00	31.72 2.11 0.00	35.85 2.09 0.00	45.39 2.46 3.71	36.60 2.05 3.12	25.05 1.41 0.07	11.14 0.73 0.00	8.68 0.62 0.00

E179THST_13_KV_LOAD 356214	20.20 1.34 0.00	17.69 1.27 0.00	5.09 0.38 0.00	10.57 0.78 0.00	17.12 1.13 0.00	22.53 1.36 0.00	22.16 1.37 0.00	10.69 0.62 0.00	13.64 0.70 0.00	17.89 0.96 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.32 1.10 0.00	22.80 1.65 0.00	26.16 1.98 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.63 2.70 3.71	36.79 2.24 3.12	25.16 1.52 0.07	11.19 0.78 0.00	8.71 0.65 0.00
EAST HAMPTON___GT 23717	19.74 0.88 0.00	17.35 0.93 0.00	5.01 0.30 0.00	10.81 1.02 0.00	17.24 1.24 0.00	22.98 1.81 0.00	22.94 2.15 0.00	11.11 1.03 0.00	13.83 0.90 0.00	18.31 1.39 0.00	14.17 1.18 0.00	7.70 0.66 0.00	14.13 1.28 0.00	11.08 1.07 0.00	19.08 1.63 -3.23	27.49 2.75 -3.59	29.31 3.11 -2.03	36.75 3.60 -3.54	37.34 3.58 0.00	46.86 3.93 3.71	37.51 2.96 3.12	25.41 1.77 0.07	15.78 0.99 -4.38	9.69 0.72 -0.91
EAST RIVER___6 23660	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.32 1.09 0.00	22.81 1.66 0.00	26.11 1.94 0.00	31.84 2.23 0.00	36.00 2.25 0.00	45.53 2.60 3.71	36.71 2.15 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
EAST RIVER___7 23524	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.32 1.09 0.00	22.81 1.66 0.00	26.11 1.94 0.00	31.84 2.23 0.00	36.00 2.25 0.00	45.53 2.60 3.71	36.71 2.15 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	20.02 1.16 0.00	17.51 1.09 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.95 0.96 0.00	22.33 1.17 0.00	21.93 1.14 0.00	10.62 0.54 0.00	13.54 0.61 0.00	17.74 0.82 0.00	13.67 0.68 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.66 0.00	15.18 0.96 0.00	22.60 1.45 0.00	25.88 1.70 0.00	31.59 1.98 0.00	35.80 2.04 0.00	45.32 2.39 3.71	36.50 1.94 3.12	24.88 1.25 0.07	11.10 0.69 0.00	8.65 0.59 0.00
EAST_HAMPTON___DIESEL 23722	19.71 0.84 0.00	17.32 0.90 0.00	5.00 0.29 0.00	10.81 1.02 0.00	17.23 1.24 0.00	22.98 1.81 0.00	22.94 2.15 0.00	11.10 1.03 0.00	13.83 0.89 0.00	18.31 1.39 0.00	14.17 1.18 0.00	7.70 0.66 0.00	14.13 1.28 0.00	11.09 1.07 0.00	19.08 1.63 -3.23	27.50 2.76 -3.59	29.32 3.11 -2.03	36.74 3.60 -3.54	37.33 3.57 0.00	46.82 3.89 3.71	37.47 2.91 3.12	25.37 1.74 0.07	15.76 0.97 -4.38	9.68 0.71 -0.91
EAST_POINT___SOLAR 323840	19.73 0.86 0.00	17.22 0.79 0.00	4.95 0.24 0.00	10.29 0.49 0.00	16.80 0.80 0.00	22.20 1.03 0.00	21.52 0.74 0.00	10.13 0.05 0.00	12.81 -0.13 0.00	16.66 -0.27 0.00	12.79 -0.21 0.00	6.94 -0.11 0.00	12.65 -0.20 0.00	9.87 -0.15 0.00	14.02 -0.20 0.00	20.93 -0.21 0.00	24.17 0.00 0.00	30.13 0.52 0.00	34.97 1.21 0.00	45.02 2.50 4.12	36.51 2.29 3.46	25.00 1.37 0.08	11.00 0.58 0.00	8.49 0.42 0.00
EAST_PULASKI___ESR 323781	18.34 -0.52 0.00	16.05 -0.38 0.00	4.62 -0.09 0.00	9.63 -0.17 0.00	15.80 -0.20 0.00	20.84 -0.33 0.00	20.38 -0.40 0.00	9.86 -0.21 0.00	12.63 -0.31 0.00	16.46 -0.46 0.00	12.65 -0.34 0.00	6.86 -0.19 0.00	12.43 -0.42 0.00	9.67 -0.34 0.00	13.73 -0.50 0.00	20.41 -0.73 0.00	23.36 -0.81 0.00	28.79 -0.82 0.00	33.07 -0.69 0.00	45.65 -0.68 0.32	36.84 -0.57 0.27	23.20 -0.50 0.01	10.20 -0.21 0.00	7.90 -0.17 0.00
EAST_RIVER___1 323558	20.12 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.32 1.09 0.00	22.81 1.66 0.00	26.12 1.94 0.00	31.85 2.24 0.00	36.02 2.26 0.00	45.55 2.62 3.71	36.72 2.16 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
EAST_RIVER___2 323559	20.11 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.32 1.09 0.00	22.81 1.66 0.00	26.11 1.94 0.00	31.84 2.23 0.00	36.00 2.25 0.00	45.53 2.60 3.71	36.71 2.15 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
EAST___DELAWARE_HYD 23607	19.43 0.56 0.00	16.97 0.55 0.00	4.88 0.17 0.00	10.15 0.35 0.00	16.46 0.47 0.00	21.69 0.52 0.00	21.33 0.54 0.00	10.33 0.25 0.00	13.16 0.22 0.00	17.16 0.24 0.00	13.20 0.21 0.00	7.18 0.13 0.00	13.14 0.29 0.00	10.28 0.26 0.00	14.60 0.37 0.00	21.76 0.61 0.00	25.15 0.98 0.00	30.87 1.26 0.00	35.15 1.39 0.00	44.76 1.67 3.55	36.06 1.37 2.98	24.51 0.87 0.07	10.90 0.49 0.00	8.47 0.41 0.00
EIGHT_POINT___WT_PWR 323820	18.14 -0.73 0.00	15.99 -0.43 0.00	4.55 -0.16 0.00	9.44 -0.35 0.00	15.45 -0.55 0.00	20.32 -0.85 0.00	19.57 -1.22 0.00	9.47 -0.61 0.00	12.28 -0.66 0.00	16.23 -0.69 0.00	12.57 -0.43 0.00	6.82 -0.23 0.00	12.33 -0.52 0.00	9.54 -0.48 0.00	13.59 -0.64 0.00	20.15 -1.00 0.00	22.92 -1.25 0.00	28.20 -1.42 0.00	32.54 -1.22 0.00	41.66 -1.10 3.88	33.05 -1.36 3.26	22.85 -1.52 -0.66	33.50 -0.72 -23.82	25.47 -0.59 -17.99
ELBRIDGE_115KV_TB2 80188	18.48 -0.39 0.00	16.14 -0.27 0.00	4.64 -0.07 0.00	9.67 -0.13 0.00	15.76 -0.23 0.00	20.77 -0.39 0.00	20.35 -0.44 0.00	9.86 -0.22 0.00	12.65 -0.28 0.00	16.55 -0.37 0.00	12.71 -0.28 0.00	6.89 -0.16 0.00	12.51 -0.34 0.00	9.74 -0.28 0.00	13.85 -0.37 0.00	20.57 -0.57 0.00	23.57 -0.61 0.00	28.88 -0.74 0.00	33.05 -0.71 0.00	45.34 -0.85 0.46	36.60 -0.69 0.38	23.23 -0.47 0.01	10.23 -0.18 0.00	7.94 -0.12 0.00
ELEC_TRO_TEK 24086	20.14 1.28 0.00	17.67 1.25 0.00	5.10 0.39 0.00	10.59 0.79 0.00	17.05 1.06 0.00	22.52 1.35 0.00	22.16 1.37 0.00	10.77 0.69 0.00	13.61 0.68 0.00	17.89 0.97 0.00	13.83 0.84 0.00	7.55 0.50 0.00	13.82 0.97 0.00	10.81 0.80 0.00	31.85 1.17 -16.46	34.77 1.77 -11.85	29.78 2.01 -3.59	38.14 2.27 -6.26	36.06 2.31 0.00	45.63 2.70 3.71	36.74 2.18 3.12	25.08 1.45 0.07	19.02 0.86 -7.75	15.86 0.71 -7.08
ELLENBURG_WT_PWR 323604	18.72 -0.15 0.00	16.23 -0.19 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.12 -0.04 0.00	20.83 0.05 0.00	10.17 0.09 0.00	13.13 0.19 0.00	17.21 0.29 0.00	13.15 0.16 0.00	7.13 0.08 0.00	12.99 0.14 0.00	10.12 0.10 0.00	14.37 0.14 0.00	21.36 0.21 0.00	24.46 0.28 0.00	30.00 0.38 0.00	34.22 0.46 0.00	45.91 0.88 1.61	37.00 0.68 1.35	24.03 0.35 0.03	10.38 -0.03 0.00	7.92 -0.14 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	17.76 -1.10 0.00	15.61 -0.81 0.00	4.50 -0.21 0.00	9.43 -0.36 0.00	15.30 -0.69 0.00	19.99 -1.17 0.00	19.40 -1.38 0.00	9.49 -0.59 0.00	12.42 -0.52 0.00	16.39 -0.54 0.00	12.60 -0.40 0.00	6.82 -0.23 0.00	12.33 -0.52 0.00	9.54 -0.48 0.00	13.65 -0.57 0.00	20.16 -0.98 0.00	22.84 -1.33 0.00	27.91 -1.70 0.00	32.16 -1.60 0.00	40.66 -1.74 4.24	32.55 -1.56 3.56	22.10 -1.33 0.28	3.61 -0.59 6.21	2.94 -0.44 4.69
EMPIRE_CC_1 323656	19.11 0.24 0.00	16.70 0.28 0.00	4.80 0.09 0.00	9.98 0.18 0.00	16.21 0.22 0.00	21.40 0.23 0.00	20.95 0.16 0.00	10.11 0.04 0.00	12.91 -0.03 0.00	16.86 -0.06 0.00	12.96 -0.03 0.00	7.04 0.00 0.00	12.89 0.04 0.00	10.07 0.05 0.00	14.29 0.06 0.00	21.17 0.02 0.00	24.26 0.08 0.00	29.60 -0.01 0.00	33.66 -0.10 0.00	42.37 -0.35 3.91	34.14 -0.24 3.29	23.59 -0.04 0.08	10.54 0.13 0.00	8.22 0.16 0.00
EMPIRE_CC_2 323658	19.11 0.24 0.00	16.70 0.28 0.00	4.80 0.09 0.00	9.98 0.18 0.00	16.21 0.22 0.00	21.40 0.23 0.00	20.95 0.16 0.00	10.11 0.04 0.00	12.91 -0.03 0.00	16.86 -0.06 0.00	12.96 -0.03 0.00	7.04 0.00 0.00	12.89 0.04 0.00	10.07 0.05 0.00	14.29 0.06 0.00	21.17 0.02 0.00	24.26 0.08 0.00	29.60 -0.01 0.00	33.66 -0.10 0.00	42.37 -0.35 3.91	34.14 -0.24 3.29	23.59 -0.04 0.08	10.54 0.13 0.00	8.22 0.16 0.00
ENORWICH_115KV_TB1 80156	19.77 0.90 0.00	17.26 0.84 0.00	4.96 0.25 0.00	10.32 0.52 0.00	16.85 0.86 0.00	22.21 1.05 0.00	21.70 0.91 0.00	10.48 0.40 0.00	13.31 0.37 0.00	17.33 0.40 0.00	13.31 0.32 0.00	7.23 0.18 0.00	13.11 0.26 0.00	10.18 0.16 0.00	14.47 0.25 0.00	21.69 0.54 0.00	25.01 0.84 0.00	31.02 1.41 0.00	35.62 1.86 0.00	45.68 2.88 3.83	36.69 2.24 3.22	24.66 0.98 0.03	12.27 0.33 -1.53	9.38 0.16 -1.16
ERIE_ST__34_KV_TB1-2 80199	18.03 -0.83 0.00	15.85 -0.57 0.00	4.56 -0.15 0.00	9.54 -0.25 0.00	15.49 -0.50 0.00	20.26 -0.90 0.00	19.63 -1.15 0.00	9.61 -0.46 0.00	12.59 -0.35 0.00	16.60 -0.32 0.00	12.76 -0.22 0.00	6.91 -0.14 0.00	12.50 -0.35 0.00	9.68 -0.34 0.00	13.85 -0.38 0.00	20.48 -0.67 0.00	23.24 -0.94 0.00	28.45 -1.16 0.00	32.79 -0.97 0.00	41.51 -0.91 4.21	33.22 -0.91 3.54	22.51 -0.92 0.28	3.78 -0.41 6.22	3.05 -0.31 4.70
ERIE_WT_PWR 323693	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.19 0.00	9.48 -0.32 0.00	15.38 -0.61 0.00	20.10 -1.07 0.00	19.49 -1.30 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.45 -0.47 0.00	12.64 -0.35 0.00	6.85 -0.20 0.00	12.39 -0.47 0.00	9.58 -0.44 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.97 -1.21 0.00	28.10 -1.51 0.00	32.39 -1.36 0.00	41.00 -1.43 4.21	32.81 -1.32 3.55	22.20 -1.21 0.30	2.87 -0.54 7.00	2.38 -0.39 5.29
ESPRGFLD_115KV_TB1 80157	19.39 0.52 0.00	16.93 0.51 0.00	4.87 0.16 0.00	10.13 0.33 0.00	16.52 0.53 0.00	21.80 0.64 0.00	21.36 0.57 0.00	10.33 0.26 0.00	13.26 0.32 0.00	17.36 0.44 0.00	13.40 0.40 0.00	7.27 0.22 0.00	13.22 0.37 0.00	10.29 0.27 0.00	14.62 0.40 0.00	21.72 0.58 0.00	24.81 0.63 0.00	30.51 0.90 0.00	34.95 1.19 0.00	44.42 1.88 4.10	35.76 1.53 3.45	24.46 0.84 0.08	10.75 0.34 0.00	8.30 0.23 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	18.90 0.03 0.00	16.54 0.12 0.00	4.75 0.04 0.00	9.90 0.10 0.00	16.12 0.12 0.00	21.24 0.07 0.00	20.78 0.00 0.00	10.05 -0.02 0.00	12.88 -0.05 0.00	16.82 -0.11 0.00	12.91 -0.08 0.00	7.01 -0.05 0.00	12.70 -0.15 0.00	9.88 -0.13 0.00	14.06 -0.17 0.00	20.93 -0.22 0.00	23.98 -0.20 0.00	29.49 -0.12 0.00	33.80 0.04 0.00	43.43 0.30 3.51	34.97 0.25 2.95	23.78 0.06 -0.01	13.03 0.05 -2.57	10.04 0.03 -1.94
ETNA____115KV_TB2 80207	18.90 0.03 0.00	16.54 0.12 0.00	4.75 0.04 0.00	9.90 0.10 0.00	16.12 0.12 0.00	21.24 0.07 0.00	20.78 0.00 0.00	10.05 -0.02 0.00	12.88 -0.05 0.00	16.82 -0.11 0.00	12.91 -0.08 0.00	7.01 -0.05 0.00	12.70 -0.15 0.00	9.88 -0.13 0.00	14.06 -0.17 0.00	20.93 -0.22 0.00	23.98 -0.20 0.00	29.49 -0.12 0.00	33.80 0.04 0.00	43.43 0.30 3.51	34.97 0.25 2.95	23.78 0.06 -0.01	13.03 0.05 -2.57	10.04 0.03 -1.94
EUCLID____115KV_TB2 356179	18.54 -0.33 0.00	16.20 -0.22 0.00	4.66 -0.05 0.00	9.70 -0.10 0.00	15.79 -0.20 0.00	20.80 -0.37 0.00	20.37 -0.42 0.00	9.86 -0.22 0.00	12.65 -0.28 0.00	16.54 -0.38 0.00	12.73 -0.26 0.00	6.90 -0.15 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.89 -0.34 0.00	20.67 -0.48 0.00	23.64 -0.53 0.00	29.00 -0.61 0.00	33.17 -0.59 0.00	43.43 -0.74 2.48	34.95 -0.64 2.08	23.21 -0.45 0.05	10.25 -0.16 0.00	7.97 -0.10 0.00
E_CANADA_CAP_HY 24051	19.54 0.68 0.00	17.06 0.64 0.00	4.90 0.19 0.00	10.19 0.39 0.00	16.64 0.65 0.00	21.98 0.82 0.00	21.48 0.70 0.00	10.31 0.24 0.00	13.20 0.26 0.00	17.23 0.31 0.00	13.25 0.26 0.00	7.20 0.15 0.00	13.10 0.25 0.00	10.20 0.18 0.00	14.48 0.26 0.00	21.54 0.40 0.00	24.64 0.46 0.00	30.40 0.79 0.00	35.01 1.25 0.00	44.68 2.15 4.11	36.05 1.84 3.46	24.72 1.09 0.08	10.86 0.45 0.00	8.39 0.32 0.00
E_CANADA_MHWK_HY 24050	19.13 0.26 0.00	16.74 0.32 0.00	4.80 0.09 0.00	9.99 0.19 0.00	16.24 0.24 0.00	21.45 0.28 0.00	20.99 0.21 0.00	9.95 -0.13 0.00	12.52 -0.42 0.00	16.16 -0.76 0.00	12.40 -0.59 0.00	6.76 -0.29 0.00	12.39 -0.46 0.00	9.70 -0.32 0.00	13.74 -0.49 0.00	20.41 -0.73 0.00	23.62 -0.56 0.00	29.22 -0.39 0.00	33.54 -0.22 0.00	41.62 -0.17 4.85	33.57 -0.03 4.08	23.75 0.13 0.10	10.57 0.16 0.00	8.22 0.16 0.00
E_FISHKILL__LBMP 23776	19.91 1.04 0.00	17.42 1.00 0.00	5.01 0.30 0.00	10.42 0.62 0.00	16.88 0.88 0.00	22.23 1.07 0.00	21.81 1.03 0.00	10.55 0.47 0.00	13.45 0.52 0.00	17.61 0.68 0.00	13.55 0.56 0.00	7.38 0.33 0.00	13.52 0.67 0.00	10.58 0.56 0.00	15.02 0.80 0.00	22.36 1.21 0.00	25.59 1.42 0.00	31.26 1.65 0.00	35.46 1.71 0.00	44.91 2.00 3.73	36.15 1.62 3.14	24.69 1.05 0.07	11.01 0.60 0.00	8.60 0.53 0.00
FALCON__SEABRD_CC1 323796	18.89 0.03 0.00	16.39 -0.03 0.00	4.69 -0.02 0.00	9.78 -0.02 0.00	16.02 0.03 0.00	21.30 0.13 0.00	21.02 0.24 0.00	10.25 0.17 0.00	13.24 0.30 0.00	17.35 0.43 0.00	13.24 0.25 0.00	7.19 0.14 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.49 0.26 0.00	21.54 0.39 0.00	24.69 0.52 0.00	30.31 0.69 0.00	34.56 0.80 0.00	46.44 1.41 1.61	37.42 1.09 1.35	24.31 0.63 0.03	10.49 0.08 0.00	7.99 -0.08 0.00
FALCON__SEABRD_CC2 323797	18.89 0.03 0.00	16.39 -0.03 0.00	4.69 -0.02 0.00	9.78 -0.02 0.00	16.02 0.03 0.00	21.30 0.13 0.00	21.02 0.24 0.00	10.25 0.17 0.00	13.24 0.30 0.00	17.35 0.43 0.00	13.24 0.25 0.00	7.19 0.14 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.49 0.26 0.00	21.54 0.39 0.00	24.69 0.52 0.00	30.31 0.69 0.00	34.56 0.80 0.00	46.44 1.41 1.61	37.42 1.09 1.35	24.31 0.63 0.03	10.49 0.08 0.00	7.99 -0.08 0.00

FAR ROCKAWAY___4 23548	20.46 1.59 0.00	17.94 1.53 0.00	5.17 0.46 0.00	10.74 0.94 0.00	17.31 1.31 0.00	22.86 1.69 0.00	22.49 1.71 0.00	10.93 0.85 0.00	13.82 0.89 0.00	18.18 1.26 0.00	14.06 1.06 0.00	7.67 0.63 0.00	14.06 1.21 0.00	11.00 0.98 0.00	44.88 1.43 -29.22	41.40 2.19 -18.07	29.95 2.48 -3.29	38.19 2.85 -5.73	36.76 3.00 0.00	46.46 3.53 3.71	37.30 2.75 3.12	25.43 1.80 0.07	18.51 1.00 -7.10	22.58 0.83 -13.69
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	20.12 1.25 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.26 0.00	10.68 0.61 0.00	13.63 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.78 0.93 0.00	10.78 0.76 0.00	15.32 1.10 0.00	22.81 1.66 0.00	26.12 1.94 0.00	31.85 2.24 0.00	36.02 2.26 0.00	45.55 2.62 3.71	36.72 2.17 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	20.12 1.26 0.00	17.63 1.21 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.06 0.00	22.45 1.29 0.00	22.06 1.27 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.88 0.95 0.00	13.79 0.79 0.00	7.51 0.46 0.00	13.78 0.93 0.00	10.78 0.76 0.00	15.32 1.10 0.00	22.82 1.67 0.00	26.13 1.95 0.00	31.87 2.26 0.00	36.03 2.27 0.00	45.58 2.65 3.71	36.74 2.18 3.12	25.05 1.41 0.07	11.18 0.77 0.00	8.70 0.64 0.00
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	20.11 1.24 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.63 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.78 0.93 0.00	10.78 0.76 0.00	15.32 1.09 0.00	22.80 1.66 0.00	26.11 1.94 0.00	31.84 2.23 0.00	36.01 2.25 0.00	45.54 2.61 3.71	36.71 2.15 3.12	25.02 1.39 0.07	11.17 0.76 0.00	8.70 0.63 0.00
FARRAGUT___LBMP 323566	20.10 1.23 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.03 1.04 0.00	22.43 1.26 0.00	22.03 1.24 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.86 0.93 0.00	13.77 0.77 0.00	7.50 0.45 0.00	13.76 0.91 0.00	10.76 0.75 0.00	15.30 1.08 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.81 2.20 0.00	35.98 2.22 0.00	45.50 2.58 3.71	36.68 2.12 3.12	25.01 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
FENNER___WINDPWR 24204	19.09 0.23 0.00	16.72 0.30 0.00	4.80 0.09 0.00	10.01 0.21 0.00	16.35 0.36 0.00	21.61 0.44 0.00	21.18 0.39 0.00	10.20 0.13 0.00	13.02 0.08 0.00	16.96 0.03 0.00	13.04 0.05 0.00	7.11 0.06 0.00	12.91 0.06 0.00	10.04 0.02 0.00	14.26 0.04 0.00	21.27 0.13 0.00	24.41 0.24 0.00	30.07 0.46 0.00	34.49 0.74 0.00	44.18 1.23 3.68	35.45 0.87 3.10	24.06 0.42 0.07	10.60 0.19 0.00	8.19 0.12 0.00
FIBERTEK___ENERGY 23856	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
FITZPATRICK___ 23598	18.24 -0.63 0.00	15.93 -0.49 0.00	4.58 -0.13 0.00	9.53 -0.26 0.00	15.53 -0.46 0.00	20.47 -0.70 0.00	20.06 -0.73 0.00	9.71 -0.36 0.00	12.47 -0.46 0.00	16.31 -0.61 0.00	12.52 -0.47 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.62 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.45 -1.16 0.00	32.51 -1.25 0.00	31.38 -1.67 13.59	24.88 -1.37 11.43	22.58 -0.87 0.27	10.06 -0.35 0.00	7.83 -0.23 0.00
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	20.15 1.29 0.00	17.63 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.07 1.08 0.00	22.50 1.33 0.00	22.09 1.31 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.82 0.90 0.00	13.72 0.73 0.00	7.46 0.41 0.00	13.68 0.83 0.00	10.70 0.68 0.00	15.22 0.99 0.00	22.66 1.52 0.00	26.00 1.83 0.00	31.81 2.20 0.00	36.14 2.39 0.00	45.89 2.96 3.71	36.94 2.38 3.12	25.14 1.50 0.07	11.19 0.78 0.00	8.72 0.65 0.00
FORT ORANGE___ 23900	19.18 0.32 0.00	16.79 0.37 0.00	4.82 0.11 0.00	10.03 0.23 0.00	16.28 0.29 0.00	21.49 0.31 0.00	21.05 0.27 0.00	10.16 0.08 0.00	12.94 0.01 0.00	16.88 -0.04 0.00	12.97 -0.03 0.00	7.05 0.00 0.00	12.91 0.06 0.00	10.08 0.07 0.00	14.32 0.10 0.00	21.28 0.13 0.00	24.39 0.21 0.00	29.85 0.24 0.00	33.93 0.17 0.00	42.78 0.12 3.98	34.49 0.16 3.35	23.85 0.22 0.08	10.60 0.19 0.00	8.25 0.19 0.00
FORT_DRUM_COGEN 23780	18.09 -0.77 0.00	15.90 -0.52 0.00	4.60 -0.12 0.00	9.62 -0.17 0.00	16.09 0.10 0.00	21.37 0.20 0.00	20.85 0.07 0.00	10.07 -0.01 0.00	12.84 -0.10 0.00	16.61 -0.31 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.44 -0.41 0.00	9.67 -0.34 0.00	13.70 -0.53 0.00	20.38 -0.77 0.00	23.40 -0.78 0.00	29.09 -0.53 0.00	33.81 0.05 0.00	45.51 0.86 1.98	36.56 0.55 1.67	23.48 -0.19 0.04	10.28 -0.13 0.00	7.85 -0.22 0.00
FOX_HILLS___ESR 323835	20.12 1.25 0.00	17.59 1.17 0.00	4.11 0.35 0.95	10.57 0.77 0.00	17.17 1.18 0.00	22.60 1.43 0.00	22.20 1.41 0.00	10.71 0.63 0.00	13.63 0.69 0.00	-419.68 0.90 437.50	-220.97 0.74 234.71	7.49 0.44 0.00	-2.94 0.88 16.67	10.74 0.72 0.00	15.28 1.05 0.00	22.55 1.57 0.17	26.06 1.88 0.00	31.80 2.19 0.00	35.39 2.19 0.55	37.23 2.48 11.88	35.75 2.10 4.03	25.05 1.42 0.07	11.16 0.75 0.00	8.68 0.62 0.00
FPL_FAR_ROCK_GT1 24212	20.46 1.59 0.00	17.94 1.52 0.00	5.17 0.46 0.00	10.74 0.95 0.00	17.31 1.31 0.00	22.86 1.69 0.00	22.49 1.71 0.00	10.93 0.85 0.00	13.82 0.89 0.00	18.18 1.25 0.00	14.06 1.06 0.00	7.67 0.63 0.00	14.06 1.21 0.00	11.00 0.98 0.00	44.88 1.43 -29.22	41.40 2.19 -18.07	29.95 2.48 -3.29	38.19 2.84 -5.73	36.76 3.00 0.00	46.46 3.53 3.71	37.30 2.75 3.12	25.43 1.80 0.07	18.51 1.00 -7.10	22.58 0.83 -13.69
FPL_FAR_ROCK_GT2 23815	20.46 1.59 0.00	17.94 1.52 0.00	5.17 0.46 0.00	10.74 0.95 0.00	17.31 1.31 0.00	22.86 1.69 0.00	22.49 1.71 0.00	10.93 0.85 0.00	13.82 0.89 0.00	18.18 1.25 0.00	14.06 1.06 0.00	7.67 0.63 0.00	14.06 1.21 0.00	11.00 0.98 0.00	44.88 1.43 -29.22	41.40 2.19 -18.07	29.95 2.48 -3.29	38.19 2.84 -5.73	36.76 3.00 0.00	46.46 3.53 3.71	37.30 2.75 3.12	25.43 1.80 0.07	18.51 1.00 -7.10	22.58 0.83 -13.69
FRANKLIN_FALL_HYD 24054	18.83 -0.03 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.75 -0.05 0.00	15.97 -0.02 0.00	21.26 0.09 0.00	20.99 0.21 0.00	10.25 0.17 0.00	13.22 0.28 0.00	17.28 0.36 0.00	13.20 0.21 0.00	7.16 0.11 0.00	13.02 0.17 0.00	10.13 0.11 0.00	14.38 0.16 0.00	21.39 0.24 0.00	24.51 0.33 0.00	30.10 0.49 0.00	34.42 0.66 0.00	46.29 1.26 1.61	37.38 1.05 1.35	24.26 0.58 0.03	10.47 0.06 0.00	7.98 -0.09 0.00



FREEPORT_EQUS_GT1 23764	20.22 1.35 0.00	17.74 1.32 0.00	5.12 0.41 0.00	10.63 0.83 0.00	17.11 1.12 0.00	22.61 1.44 0.00	22.25 1.47 0.00	10.82 0.75 0.00	13.65 0.72 0.00	17.94 1.02 0.00	13.87 0.88 0.00	7.57 0.52 0.00	13.86 1.01 0.00	10.85 0.83 0.00	28.62 1.23 -13.17	32.38 1.89 -9.34	29.05 2.15 -2.73	36.81 2.45 -4.76	36.27 2.51 0.00	45.90 2.97 3.71	36.96 2.40 3.12	25.23 1.59 0.07	17.23 0.93 -5.89	14.55 0.77 -5.71
FREEPORT___CT2 23818	20.22 1.35 0.00	17.74 1.32 0.00	5.12 0.41 0.00	10.63 0.83 0.00	17.11 1.12 0.00	22.61 1.44 0.00	22.25 1.47 0.00	10.82 0.75 0.00	13.65 0.72 0.00	17.94 1.02 0.00	13.87 0.88 0.00	7.57 0.52 0.00	13.86 1.01 0.00	10.85 0.83 0.00	28.62 1.23 -13.17	32.38 1.89 -9.34	29.05 2.15 -2.73	36.81 2.45 -4.76	36.27 2.51 0.00	45.90 2.97 3.71	36.96 2.40 3.12	25.23 1.59 0.07	17.23 0.93 -5.89	14.55 0.77 -5.71
FRESHKLS_33_KV_LOAD 356253	20.12 1.26 0.00	17.59 1.17 0.00	4.11 0.35 0.95	10.60 0.80 0.00	17.27 1.27 0.00	22.73 1.56 0.00	22.30 1.52 0.00	10.73 0.66 0.00	13.64 0.70 0.00	-419.70 0.88 437.50	-221.01 0.71 234.71	7.47 0.42 0.00	-2.97 0.85 16.67	10.72 0.70 0.00	15.24 1.02 0.00	22.50 1.53 0.17	26.01 1.83 0.00	31.77 2.15 0.00	35.35 2.15 0.55	37.18 2.42 11.88	35.71 2.07 4.03	25.04 1.41 0.07	11.16 0.75 0.00	8.68 0.61 0.00
FULTON COGEN____ 23766	18.38 -0.48 0.00	16.05 -0.36 0.00	4.61 -0.10 0.00	9.60 -0.19 0.00	15.66 -0.33 0.00	20.64 -0.53 0.00	20.23 -0.55 0.00	9.79 -0.28 0.00	12.57 -0.37 0.00	16.42 -0.50 0.00	12.62 -0.37 0.00	6.84 -0.21 0.00	12.42 -0.43 0.00	9.67 -0.35 0.00	13.74 -0.48 0.00	20.46 -0.69 0.00	23.40 -0.77 0.00	28.73 -0.88 0.00	32.87 -0.89 0.00	45.76 -1.17 -0.29	36.94 -0.99 -0.25	23.07 -0.64 -0.01	10.16 -0.25 0.00	7.90 -0.17 0.00
FULTON___LFGE 323630	19.65 0.79 0.00	17.15 0.74 0.00	4.93 0.22 0.00	10.25 0.45 0.00	16.72 0.73 0.00	22.09 0.93 0.00	21.56 0.77 0.00	10.27 0.20 0.00	13.01 0.07 0.00	16.89 -0.03 0.00	12.95 -0.04 0.00	7.04 -0.01 0.00	12.83 -0.02 0.00	10.03 0.01 0.00	14.20 -0.03 0.00	21.14 -0.01 0.00	24.35 0.17 0.00	30.23 0.61 0.00	34.94 1.18 4.12	44.69 2.17 3.46	36.15 1.93 0.08	24.80 1.17 0.00	10.93 0.52 0.00	8.45 0.39 0.00
G.F.CEMENT___DRP 24184	19.83 0.97 0.00	17.30 0.88 0.00	4.97 0.26 0.00	10.35 0.55 0.00	16.82 0.83 0.00	22.19 1.02 0.00	21.90 1.11 0.00	10.50 0.43 0.00	13.39 0.45 0.00	17.39 0.46 0.00	13.26 0.27 0.00	7.23 0.18 0.00	13.22 0.37 0.00	10.31 0.29 0.00	14.49 0.26 0.00	21.50 0.36 0.00	24.88 0.70 0.00	30.52 0.91 0.00	34.96 1.20 0.00	44.31 1.77 4.10	35.74 1.51 3.45	24.42 0.79 0.08	10.86 0.45 0.00	8.45 0.39 0.00
GARDENVILLE___LBMP 24039	17.82 -1.04 0.00	15.67 -0.76 0.00	4.52 -0.20 0.00	9.45 -0.35 0.00	15.34 -0.65 0.00	20.05 -1.11 0.00	19.44 -1.34 0.00	9.50 -0.58 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.60 -0.40 0.00	6.82 -0.23 0.00	12.33 -0.52 0.00	9.53 -0.49 0.00	13.64 -0.58 0.00	20.15 -0.99 0.00	22.85 -1.32 0.00	27.95 -1.67 0.00	32.22 -1.53 0.00	40.81 -1.65 4.18	32.66 -1.50 3.52	21.86 -1.34 0.52	-4.16 -0.59 13.98	-2.93 -0.44 10.56
GARDNVLA_35_KV_LD 355827	17.89 -0.98 0.00	15.72 -0.71 0.00	4.53 -0.18 0.00	9.48 -0.31 0.00	15.39 -0.60 0.00	20.11 -1.06 0.00	19.51 -1.28 0.00	9.54 -0.54 0.00	12.48 -0.45 0.00	16.46 -0.46 0.00	12.66 -0.33 0.00	6.86 -0.19 0.00	12.40 -0.45 0.00	9.60 -0.43 0.00	13.73 -0.49 0.00	20.30 -0.85 0.00	23.02 -1.16 0.00	28.15 -1.46 0.00	32.45 -1.30 0.00	41.11 -1.31 4.21	32.89 -1.25 3.54	22.27 -1.15 0.29	3.25 -0.52 6.64	2.66 -0.39 5.02
GELCKHM___115KV_LOAD 80723	18.56 -0.30 0.00	16.22 -0.19 0.00	4.66 -0.05 0.00	9.71 -0.08 0.00	15.82 -0.17 0.00	20.84 -0.32 0.00	20.42 -0.36 0.00	9.88 -0.19 0.00	12.68 -0.25 0.00	16.58 -0.34 0.00	12.75 -0.24 0.00	6.91 -0.14 0.00	12.57 -0.28 0.00	9.78 -0.23 0.00	13.91 -0.32 0.00	20.69 -0.45 0.00	23.68 -0.49 0.00	29.05 -0.56 0.00	33.24 -0.52 0.00	44.17 -0.64 1.83	35.60 -0.54 1.54	23.29 -0.39 0.04	10.27 -0.14 0.00	7.98 -0.08 0.00
GENERAL___MILLS 23808	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.18 0.00	9.47 -0.32 0.00	15.38 -0.61 0.00	20.09 -1.07 0.00	19.49 -1.29 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.44 -0.48 0.00	12.65 -0.35 0.00	6.85 -0.20 0.00	12.38 -0.47 0.00	9.58 -0.43 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.96 -1.21 0.00	28.08 -1.54 0.00	32.36 -1.40 4.21	40.97 -1.45 3.55	32.79 -1.35 3.55	22.19 -1.22 0.30	2.87 -0.54 7.00	2.38 -0.40 5.29
GE_PLASTICS___DRP 24183	19.15 0.29 0.00	16.75 0.33 0.00	4.81 0.10 0.00	10.01 0.21 0.00	16.26 0.27 0.00	21.45 0.28 0.00	21.02 0.23 0.00	10.15 0.08 0.00	12.99 0.05 0.00	16.99 0.07 0.00	13.06 0.06 0.00	7.09 0.05 0.00	12.94 0.09 0.00	10.11 0.09 0.00	14.34 0.12 0.00	21.31 0.17 0.00	24.40 0.22 0.00	29.86 0.24 0.00	33.90 0.14 0.00	42.71 0.04 3.97	34.40 0.06 3.34	23.76 0.13 0.08	10.57 0.16 0.00	8.23 0.16 0.00
GILBOA___1 23756	19.24 0.38 0.00	16.83 0.41 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.55 0.38 0.00	21.13 0.35 0.00	10.22 0.14 0.00	13.06 0.13 0.00	17.06 0.14 0.00	13.12 0.13 0.00	7.13 0.08 0.00	13.04 0.19 0.00	10.18 0.16 0.00	14.44 0.21 0.00	21.46 0.32 0.00	24.54 0.36 0.00	30.02 0.41 0.00	34.07 0.31 0.00	42.95 0.26 3.95	34.57 0.21 3.32	23.85 0.22 0.08	10.61 0.20 0.00	8.27 0.20 0.00
GILBOA___2 23757	19.24 0.38 0.00	16.83 0.41 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.55 0.38 0.00	21.13 0.35 0.00	10.22 0.14 0.00	13.06 0.13 0.00	17.06 0.14 0.00	13.12 0.13 0.00	7.13 0.08 0.00	13.04 0.19 0.00	10.18 0.16 0.00	14.44 0.21 0.00	21.46 0.32 0.00	24.54 0.36 0.00	30.02 0.41 0.00	34.07 0.31 0.00	42.95 0.26 3.95	34.57 0.21 3.32	23.85 0.22 0.08	10.61 0.20 0.00	8.27 0.20 0.00
GILBOA___3 23758	19.24 0.38 0.00	16.83 0.41 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.55 0.38 0.00	21.13 0.35 0.00	10.22 0.14 0.00	13.06 0.13 0.00	17.06 0.14 0.00	13.12 0.13 0.00	7.13 0.08 0.00	13.04 0.19 0.00	10.18 0.16 0.00	14.44 0.21 0.00	21.46 0.32 0.00	24.54 0.36 0.00	30.02 0.41 0.00	34.07 0.31 0.00	42.95 0.26 3.95	34.57 0.21 3.32	23.85 0.22 0.08	10.61 0.20 0.00	8.27 0.20 0.00
GILBOA___4 23759	19.24 0.38 0.00	16.83 0.41 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.55 0.38 0.00	21.13 0.35 0.00	10.22 0.14 0.00	13.06 0.13 0.00	17.06 0.14 0.00	13.12 0.13 0.00	7.13 0.08 0.00	13.04 0.19 0.00	10.18 0.16 0.00	14.44 0.21 0.00	21.46 0.32 0.00	24.54 0.36 0.00	30.02 0.41 0.00	34.07 0.31 0.00	42.95 0.26 3.95	34.57 0.21 3.32	23.85 0.22 0.08	10.61 0.20 0.00	8.27 0.20 0.00

GILBOA____ 23599	19.24 0.38 0.00	16.83 0.41 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.55 0.38 0.00	21.13 0.35 0.00	10.22 0.14 0.00	13.06 0.13 0.00	17.06 0.14 0.00	13.12 0.13 0.00	7.13 0.08 0.00	13.04 0.19 0.00	10.18 0.16 0.00	14.44 0.21 0.00	21.46 0.32 0.00	24.54 0.36 0.00	30.02 0.41 0.00	34.07 0.31 0.00	42.95 0.26 3.95	34.57 0.21 3.32	23.85 0.22 0.08	10.61 0.20 0.00	8.27 0.20 0.00
GINNA____ 23603	17.45 -1.42 0.00	15.26 -1.16 0.00	4.40 -0.32 0.00	9.18 -0.62 0.00	14.93 -1.07 0.00	19.63 -1.54 0.00	19.18 -1.61 0.00	9.32 -0.76 0.00	12.07 -0.87 0.00	15.83 -1.09 0.00	12.15 -0.84 0.00	6.58 -0.47 0.00	11.94 -0.91 0.00	9.28 -0.74 0.00	13.24 -0.98 0.00	19.65 -1.50 0.00	22.42 -1.75 0.00	27.53 -2.09 0.00	31.63 -2.13 0.00	39.83 -2.64 4.18	31.95 -2.22 3.51	22.03 -1.56 0.12	8.46 -0.70 1.25	6.60 -0.53 0.94
GLEN PARK____ 23778	18.16 -0.71 0.00	15.95 -0.47 0.00	4.61 -0.10 0.00	9.65 -0.15 0.00	16.13 0.14 0.00	21.41 0.24 0.00	20.90 0.11 0.00	10.09 0.01 0.00	12.84 -0.10 0.00	16.59 -0.33 0.00	12.71 -0.28 0.00	6.88 -0.17 0.00	12.40 -0.45 0.00	9.65 -0.38 0.00	13.66 -0.56 0.00	20.32 -0.83 0.00	23.34 -0.84 0.00	29.03 -0.58 0.00	33.82 0.06 0.00	45.68 0.94 1.90	36.74 0.66 1.60	23.57 -0.10 0.04	10.32 -0.09 0.00	7.88 -0.19 0.00
GLENDALE_27_KV_LOAD 356172	20.19 1.32 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.12 1.13 0.00	22.54 1.37 0.00	22.16 1.38 0.00	10.73 0.66 0.00	13.70 0.76 0.00	17.96 1.04 0.00	13.85 0.85 0.00	7.54 0.49 0.00	13.83 0.98 0.00	10.83 0.81 0.00	15.39 1.17 0.00	22.90 1.76 0.00	26.22 2.05 0.00	31.97 2.36 0.00	36.13 2.38 0.00	45.72 2.80 3.71	36.86 2.30 3.12	25.16 1.52 0.07	11.22 0.81 0.00	8.73 0.67 0.00
GLENWOOD_IC_1_G5 23712	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.07 1.08 0.00	22.53 1.36 0.00	22.15 1.36 0.00	10.75 0.68 0.00	13.65 0.71 0.00	17.92 0.99 0.00	13.83 0.84 0.00	7.55 0.49 0.00	13.82 0.97 0.00	10.82 0.80 -11.97	27.36 1.17 -9.48	32.31 1.68 -3.52	29.64 1.95 -6.13	37.99 2.25 0.00	35.96 2.20 0.00	45.47 2.55 3.71	36.73 2.17 3.12	25.05 1.42 0.07	18.81 0.81 -7.59	13.58 0.70 -4.82
GLENWOOD_IC_2_G1 23688	20.10 1.23 0.00	17.61 1.18 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.02 1.02 0.00	22.44 1.28 0.00	22.05 1.27 0.00	10.69 0.62 0.00	13.59 0.66 0.00	17.83 0.91 0.00	13.76 0.77 0.00	7.50 0.45 0.00	13.75 0.90 0.00	10.76 0.74 0.00	15.66 1.07 -0.36	23.10 1.62 -0.33	26.20 1.87 -0.15	32.02 2.15 -0.26	35.96 2.20 0.00	45.49 2.56 3.71	36.65 2.09 3.12	25.00 1.37 0.07	11.51 0.77 -0.33	8.85 0.65 -0.13
GLENWOOD_IC_3_G1 23689	20.10 1.23 0.00	17.61 1.18 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.02 1.02 0.00	22.44 1.28 0.00	22.05 1.27 0.00	10.69 0.62 0.00	13.59 0.66 0.00	17.83 0.91 0.00	13.76 0.77 0.00	7.50 0.45 0.00	13.75 0.90 0.00	10.76 0.74 0.00	15.66 1.07 -0.36	23.10 1.62 -0.33	26.20 1.87 -0.15	32.02 2.15 -0.26	35.96 2.20 0.00	45.49 2.56 3.71	36.65 2.09 3.12	25.00 1.37 0.07	11.51 0.77 -0.33	8.85 0.65 -0.13
GLENWOOD____4 23550	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.07 1.08 0.00	22.53 1.36 0.00	22.15 1.36 0.00	10.75 0.68 0.00	13.65 0.71 0.00	17.92 0.99 0.00	13.83 0.84 0.00	7.55 0.49 0.00	13.82 0.97 0.00	10.82 0.80 -11.97	27.36 1.17 -9.48	32.35 1.72 -3.52	29.68 1.98 -6.13	38.03 2.29 0.00	36.04 2.28 0.00	45.59 2.66 3.71	36.78 2.22 3.12	25.08 1.45 0.07	18.82 0.82 -7.59	13.58 0.70 -4.82
GLENWOOD____5 23614	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.07 1.08 0.00	22.53 1.36 0.00	22.15 1.36 0.00	10.75 0.68 0.00	13.65 0.71 0.00	17.92 0.99 0.00	13.83 0.84 0.00	7.55 0.49 0.00	13.82 0.97 0.00	10.82 0.80 -11.97	27.36 1.17 -9.48	32.35 1.72 -3.52	29.68 1.98 -6.13	38.03 2.29 0.00	36.04 2.28 0.00	45.59 2.66 3.71	36.78 2.22 3.12	25.08 1.45 0.07	18.82 0.82 -7.59	13.58 0.70 -4.82
GLOBAL GREEN_PORT_GT1 23814	19.87 1.01 0.00	17.45 1.03 0.00	5.04 0.33 0.00	10.79 0.99 0.00	17.23 1.23 0.00	22.93 1.77 0.00	22.87 2.09 0.00	11.08 1.00 0.00	13.80 0.87 0.00	18.25 1.33 0.00	14.12 1.12 0.00	7.67 0.62 0.00	14.07 1.22 0.00	11.04 1.02 0.00	19.01 1.55 -3.23	27.38 2.64 -3.60	29.20 2.99 -2.03	36.63 3.48 -3.54	37.25 3.50 0.00	46.88 3.95 3.71	37.57 3.02 3.12	25.49 1.86 0.07	15.83 1.04 -4.38	9.75 0.78 -0.91
GLOBE____DSASP 323697	17.28 -1.59 0.00	15.17 -1.25 0.00	4.40 -0.31 0.00	9.24 -0.55 0.00	14.98 -1.01 0.00	19.57 -1.60 0.00	18.96 -1.82 0.00	9.28 -0.80 0.00	12.16 -0.77 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.67 -0.38 0.00	12.05 -0.80 0.00	9.32 -0.70 0.00	13.33 -0.89 0.00	19.65 -1.49 0.00	22.24 -1.93 0.00	27.00 -2.61 0.00	31.08 -2.68 0.00	39.16 -3.22 4.26	31.46 -2.63 3.58	21.51 -1.94 0.26	3.93 -0.83 5.65	3.19 -0.60 4.27
GOETHSLN____LBMP 323567	-188.79 1.12 208.78	17.51 1.09 0.00	4.10 0.34 0.95	10.49 0.69 0.00	16.95 0.96 0.00	22.32 1.15 0.00	21.92 1.14 0.00	10.63 0.55 0.00	13.57 0.63 0.00	-503.06 0.85 520.83	-221.00 0.72 234.71	7.48 0.43 0.00	-2.95 0.87 16.67	10.74 0.72 0.00	15.26 1.03 0.00	22.52 1.55 0.17	25.99 1.81 0.00	31.70 2.09 0.00	35.32 2.11 0.55	37.19 2.44 11.88	35.65 2.01 4.03	24.91 1.27 0.07	11.13 0.72 0.00	8.67 0.60 0.00
GOLAH____69_KV_TB 1_2 80279	18.25 -0.62 0.00	15.98 -0.44 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.54 -0.63 0.00	20.03 -0.76 0.00	9.77 -0.31 0.00	12.66 -0.28 0.00	16.60 -0.32 0.00	12.72 -0.26 0.00	6.89 -0.16 0.00	12.48 -0.37 0.00	9.69 -0.33 0.00	13.83 -0.39 0.00	20.49 -0.65 0.00	23.35 -0.83 0.00	28.63 -0.99 0.00	32.99 -0.77 0.00	41.92 -0.58 4.14	33.72 -0.47 3.48	23.10 -0.49 0.12	8.85 -0.23 1.33	6.89 -0.17 1.00
GOODYEAR_LAKE_HYD 323669	19.31 0.44 0.00	16.88 0.46 0.00	4.85 0.14 0.00	10.10 0.30 0.00	16.44 0.45 0.00	21.68 0.52 0.00	21.26 0.47 0.00	10.29 0.22 0.00	13.19 0.25 0.00	17.25 0.33 0.00	13.30 0.31 0.00	7.23 0.18 0.00	13.16 0.31 0.00	10.25 0.23 0.00	14.56 0.34 0.00	21.65 0.50 0.00	24.76 0.58 0.00	30.39 0.78 0.00	34.68 0.92 0.00	43.85 1.29 4.08	35.27 1.02 3.43	24.19 0.56 0.08	10.69 0.27 0.00	8.28 0.21 0.00
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	18.74 -0.13 0.00	16.45 0.03 0.00	4.72 0.01 0.00	9.84 0.04 0.00	16.00 0.01 0.00	21.03 -0.13 0.00	20.56 -0.23 0.00	9.95 -0.12 0.00	12.79 -0.15 0.00	16.73 -0.19 0.00	12.88 -0.11 0.00	6.98 -0.07 0.00	12.75 -0.10 0.00	9.93 -0.09 0.00	14.11 -0.12 0.00	20.98 -0.17 0.00	23.95 -0.23 0.00	29.36 -0.25 0.00	33.52 -0.24 4.10	42.28 -0.27 3.45	33.91 -0.32 3.45	23.37 -0.29 0.05	11.32 -0.06 -0.97	8.77 -0.04 -0.74

GOUDEY___7 23579	18.74 -0.13 0.00	16.45 0.03 0.00	4.72 0.01 0.00	9.84 0.04 0.00	16.00 0.01 0.00	21.03 -0.13 0.00	20.56 -0.23 0.00	9.95 -0.12 0.00	12.79 -0.15 0.00	16.73 -0.19 0.00	12.88 -0.11 0.00	6.98 -0.07 0.00	12.75 -0.10 0.00	9.93 -0.09 0.00	14.11 -0.12 0.00	20.98 -0.17 0.00	23.95 -0.23 0.00	29.36 -0.25 0.00	33.52 -0.24 0.00	42.28 -0.27 4.10	33.91 -0.32 3.45	23.37 -0.29 0.05	11.32 -0.06 -0.97	8.77 -0.04 -0.74
GOUDEY___8 23580	18.74 -0.13 0.00	16.45 0.03 0.00	4.72 0.01 0.00	9.84 0.04 0.00	16.00 0.01 0.00	21.03 -0.13 0.00	20.56 -0.23 0.00	9.95 -0.12 0.00	12.79 -0.15 0.00	16.73 -0.19 0.00	12.88 -0.11 0.00	6.98 -0.07 0.00	12.75 -0.10 0.00	9.93 -0.09 0.00	14.11 -0.12 0.00	20.98 -0.17 0.00	23.95 -0.23 0.00	29.36 -0.25 0.00	33.52 -0.24 0.00	42.28 -0.27 4.10	33.91 -0.32 3.45	23.37 -0.29 0.05	11.32 -0.06 -0.97	8.77 -0.04 -0.74
GOWANUS_GT1_1 24077	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT1_2 24078	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT1_3 24079	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT1_4 24080	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT1_5 24084	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT1_6 24111	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.8														

GOWANUS_GT2_6 24119	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT2_7 24120	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT2_8 24121	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT3_1 24122	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT3_2 24123	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT3_3 24124	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0.36</u> 0.00	10.55 <u>0.76</u> 0.00	17.10 <u>1.11</u> 0.00	22.51 <u>1.35</u> 0.00	22.12 <u>1.34</u> 0.00	10.70 <u>0.62</u> 0.00	13.64 <u>0.70</u> 0.00	17.86 <u>0.94</u> 0.00	13.77 <u>0.78</u> 0.00	7.51 <u>0.46</u> 0.00	13.77 <u>0.92</u> 0.00	10.78 <u>0.76</u> 0.00	15.33 <u>1.10</u> 0.00	22.80 <u>1.65</u> 0.00	26.12 <u>1.95</u> 0.00	31.87 <u>2.26</u> 0.00	36.02 <u>2.26</u> 0.00	45.52 <u>2.60</u> 3.71	36.73 <u>2.17</u> 3.12	25.09 <u>1.46</u> 0.07	11.18 <u>0.77</u> 0.00	8.70 <u>0.64</u> 0.00
GOWANUS_GT3_4 24125	20.13 <u>1.27</u> 0.00	17.62 <u>1.20</u> 0.00	5.07 <u>0</u>																					

GOWANUS_GT4_5 24134	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT4_6 24135	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT4_7 24136	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GOWANUS_GT4_8 24137	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GREATVRV_69_KV_BK1 356245	20.24 1.38 0.00	17.76 1.34 0.00	5.14 0.43 0.00	10.71 0.91 0.00	17.21 1.22 0.00	22.78 1.61 0.00	22.52 1.73 0.00	10.96 0.88 0.00	13.73 0.80 0.00	18.06 1.14 0.00	13.97 0.97 0.00	7.61 0.57 0.00	13.95 1.10 0.00	10.94 0.92 0.00	19.45 1.38 -3.84	27.34 2.23 -3.97	28.79 2.53 -2.09	36.18 2.93 -3.64	36.81 3.05 0.00	46.57 3.64 3.71	37.48 2.93 3.12	25.56 1.93 0.07	16.02 1.11 -4.51	10.15 0.89 -1.20
GREENBSH_115KV_TB3 55895	19.08 0.21 0.00	16.70 0.27 0.00	4.80 0.09 0.00	9.98 0.18 0.00	16.20 0.20 0.00	21.36 0.20 0.00	20.93 0.14 0.00	10.11 0.03 0.00	12.89 -0.04 0.00	16.83 -0.10 0.00	12.93 -0.06 0.00	7.03 -0.02 0.00	12.88 0.03 0.00	10.06 0.05 0.00	14.29 0.06 0.00	21.23 0.08 0.00	24.32 0.14 0.00	29.74 0.13 0.00	33.74 -0.02 0.00	42.45 -0.20 3.99	34.19 -0.13 3.36	23.66 0.04 0.08	10.53 0.12 0.00	8.20 0.14 0.00
GREENDGE_115KV_TB5 80291	18.46 -0.40 0.00	16.21 -0.21 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.79 -0.20 0.00	20.77 -0.40 0.00	20.28 -0.50 0.00	9.91 -0.17 0.00	12.75 -0.19 0.00	16.67 -0.25 0.00	12.83 -0.16 0.00	6.95 -0.10 0.00	12.58 -0.27 0.00	9.77 -0.25 0.00	13.90 -0.33 0.00	20.66 -0.49 0.00	23.62 -0.56 0.00	29.09 -0.52 0.00	33.40 -0.36 0.00	43.02 -0.45 3.17	34.64 -0.37 2.67	23.67 -0.36 -0.32	22.49 -0.14 -12.22	17.17 -0.13 -9.23
GREENIDGE___3 23582	18.46 -0.40 0.00	16.21 -0.21 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.79 -0.20 0.00	20.77 -0.40 0.00	20.28 -0.50 0.00	9.91 -0.17 0.00	12.75 -0.19 0.00	16.67 -0.25 0.00	12.83 -0.16 0.00	6.95 -0.10 0.00	12.58 -0.27 0.00	9.77 -0.25 0.00	13.90 -0.33 0.00	20.66 -0.49 0.00	23.62 -0.56 0.00	29.09 -0.52 0.00	33.40 -0.36 0.00	43.02 -0.45 3.17	34.64 -0.37 2.67	23.67 -0.36 -0.32	22.49 -0.14 -12.22	17.17 -0.13 -9.23
GREENIDGE___4 23583	18.46 -0.40 0.00	16.21 -0.21 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.79 -0.20 0.00	20.77 -0.40 0.00	20.28 -0.50 0.00	9.90 -0.17 0.00	12.75 -0.19 0.00	16.67 -0.26 0.00	12.83 -0.16 0.00	6.95 -0.10 0.00	12.58 -0.27 0.00	9.77 -0.25 0.00	13.90 -0.33 0.00	20.66 -0.49 0.00	23.62 -0.56 0.00	29.10 -0.51 0.00	33.40 -0.36 0.00	43.03 -0.44 3.17	34.64 -0.37 2.67	23.67 -0.36 -0.32	22.49 -0.14 -12.22	17.16 -0.14 -9.23
GREENLWN_69_KV_BK 3 55738	19.22 0.35 0.00	16.92 0.50 0.00	4.98 0.27 0.00	10.50 0.70 0.00	16.87 0.88 0.00	22.28 1.11 0.00	21.96 1.17 0.00	10.70 0.63 0.00	13.44 0.51 0.00	17.66 0.74 0.00	13.68 0.69 0.00	7.48 0.44 0.00	13.71 0.86 0.00	10.73 0.72 0.00	18.92 1.06 -3.63	26.67 1.67 -3.85	28.08 1.82 -2.08	35.20 1.96 -3.63	35.64 1.88 0.00	44.96 2.03 3.71	36.18 1.62 3.12	24.76 1.12 0.07	15.66 0.76 -4.49	9.81 0.66 -1.09
GREENWD_138_KV_38B11_REV_LBMP_J 345004	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00
GRISSOM___SOLAR 323813	19.66 0.79 0.00	17.16 0.74 0.00	4.93 0.22 0.00	10.25 0.46 0.00	16.72 0.73 0.00	22.09 0.92 0.00	21.52 0.74 0.00	10.23 0.16 0.00	12.93 -0.01 0.00	16.76 -0.16 0.00	12.85 -0.15 0.00	6.98 -0.07 0.00	12.74 -0.12 0.00	9.96 -0.05 0.00	14.10 -0.12 0.00	21.00 -0.15 0.00	24.21 0.04 0.00	30.10 0.49 0.00	34.82 1.06 0.00	44.54 2.02 4.12	36.05 1.84 3.46	24.75 1.12 0.08	10.92 0.51 0.00	8.45 0.39 0.00
GROVEVILLE___HYD 323602	20.15 1.29 0.00	17.63 1.20 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.07 1.08 0.00	22.50 1.33 0.00	22.09 1.31 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.82 0.90 0.00	13.72 0.73 0.00	7.46 0.41 0.00	13.68 0.83 0.00	10.70 0.68 0.00	15.22 0.99 0.00	22.66 1.52 0.00	26.00 1.83 0.00	31.81 2.20 0.00	36.14 2.39 0.00	45.89 2.96 3.71	36.94 2.38 3.12	25.14 1.50 0.07	11.19 0.78 0.00	8.72 0.65 0.00
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
HAMLTNNY_34_KV_TB 80303	18.55 -0.31 0.00	16.21 -0.21 0.00	4.66 -0.05 0.00	9.71 -0.08 0.00	15.83 -0.16 0.00	20.86 -0.31 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.69 -0.23 0.00	12.83 -0.16 0.00	6.95 -0.10 0.00	12.57 -0.28 0.00	9.78 -0.24 0.00	13.90 -0.32 0.00	20.69 -0.45 0.00	23.65 -0.53 0.00	28.98 -0.64 0.00	33.17 -0.59 0.00	45.28 -0.57 0.79	36.52 -0.50 0.66	23.32 -0.38 0.02	10.26 -0.15 0.00	7.97 -0.09 0.00

HAMPSHIRE___PAPER_HYD 323593	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
HARDSCRABBLE_WT_PWR 323673	19.09 0.22 0.00	16.69 0.27 0.00	4.79 0.08 0.00	9.98 0.18 0.00	16.21 0.22 0.00	21.42 0.25 0.00	20.98 0.19 0.00	9.98 -0.10 0.00	12.62 -0.32 0.00	16.33 -0.59 0.00	12.54 -0.45 0.00	6.83 -0.22 0.00	12.50 -0.35 0.00	9.77 -0.25 0.00	13.86 -0.37 0.00	20.59 -0.56 0.00	23.76 -0.42 0.00	29.33 -0.28 0.00	33.62 -0.14 0.00	41.70 -0.09 4.85	33.58 -0.01 4.08	23.71 0.10 0.10	10.54 0.13 0.00	8.19 0.13 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	19.99 1.13 0.00	17.48 1.06 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.92 0.93 0.00	22.31 1.14 0.00	21.89 1.11 0.00	10.59 0.52 0.00	13.53 0.59 0.00	17.70 0.78 0.00	13.63 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.65 0.63 0.00	15.15 0.93 0.00	22.55 1.41 0.00	25.85 1.68 0.00	31.62 2.01 0.00	35.90 2.14 0.00	45.57 2.56 3.64	36.66 2.05 3.06	24.93 1.29 0.07	11.10 0.69 0.00	8.64 0.57 0.00
HARSNRAD_115KV_TB1 81005	17.60 -1.26 0.00	15.45 -0.97 0.00	4.47 -0.25 0.00	9.34 -0.46 0.00	15.16 -0.84 0.00	19.81 -1.35 0.00	19.21 -1.57 0.00	9.41 -0.67 0.00	12.30 -0.63 0.00	16.22 -0.71 0.00	12.45 -0.55 0.00	6.75 -0.31 0.00	12.17 -0.68 0.00	9.41 -0.61 0.00	13.47 -0.76 0.00	19.86 -1.28 0.00	22.51 -1.67 0.00	27.48 -2.13 0.00	31.71 -2.04 0.00	40.02 -2.40 4.22	32.14 -1.99 3.55	21.91 -1.53 0.27	3.58 -0.65 6.18	2.92 -0.48 4.67
HARZA MOOSE___RIVER 24016	18.48 -0.38 0.00	16.22 -0.20 0.00	4.68 -0.03 0.00	9.78 -0.02 0.00	16.16 0.16 0.00	21.44 0.27 0.00	20.97 0.19 0.00	10.09 0.01 0.00	12.91 -0.03 0.00	16.79 -0.13 0.00	12.89 -0.10 0.00	7.02 -0.03 0.00	12.73 -0.12 0.00	9.90 -0.12 0.00	14.04 -0.18 0.00	20.91 -0.24 0.00	23.99 -0.18 0.00	29.60 -0.01 0.00	34.08 0.32 0.00	43.89 0.83 3.59	35.16 0.49 3.02	23.65 0.01 0.07	10.41 0.00 0.00	7.98 -0.09 0.00
HDSNBRDG_115KV_BRDG_TB1 355580	18.58 -0.28 0.00	16.25 -0.17 0.00	4.67 -0.04 0.00	9.73 -0.07 0.00	15.84 -0.16 0.00	20.84 -0.32 0.00	20.41 -0.38 0.00	9.88 -0.20 0.00	12.68 -0.25 0.00	16.58 -0.34 0.00	12.76 -0.22 0.00	6.92 -0.13 0.00	12.59 -0.26 0.00	9.80 -0.22 0.00	13.94 -0.29 0.00	20.74 -0.41 0.00	23.72 -0.46 0.00	29.10 -0.52 0.00	33.27 -0.48 0.00	43.24 -0.60 2.80	34.78 -0.54 2.36	23.27 -0.38 0.06	10.28 -0.13 0.00	7.99 -0.08 0.00
HELLGATE_13_KV_LD 55870	20.21 1.34 0.00	17.70 1.28 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.14 1.14 0.00	22.56 1.39 0.00	22.19 1.40 0.00	10.74 0.66 0.00	13.71 0.77 0.00	17.98 1.06 0.00	13.86 0.87 0.00	7.56 0.51 0.00	13.85 1.00 0.00	10.84 0.82 0.00	15.41 1.18 0.00	22.91 1.77 0.00	26.25 2.08 0.00	31.98 2.36 0.00	36.14 2.38 0.00	45.73 2.80 3.71	36.86 2.30 3.12	25.18 1.54 0.07	11.23 0.82 0.00	8.74 0.67 0.00
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	20.21 1.34 0.00	17.70 1.28 0.00	5.09 0.38 0.00	10.59 0.79 0.00	17.14 1.14 0.00	22.56 1.39 0.00	22.19 1.40 0.00	10.74 0.66 0.00	13.71 0.77 0.00	17.98 1.06 0.00	13.86 0.87 0.00	7.56 0.51 0.00	13.85 1.00 0.00	10.84 0.82 0.00	15.41 1.18 0.00	22.91 1.77 0.00	26.25 2.08 0.00	31.98 2.36 0.00	36.14 2.38 0.00	45.73 2.80 3.71	36.86 2.30 3.12	25.18 1.54 0.07	11.23 0.82 0.00	8.74 0.67 0.00
HEMPSTEAD___ 23647	20.11 1.24 0.00	17.63 1.21 0.00	5.08 0.37 0.00	10.56 0.76 0.00	17.01 1.02 0.00	22.47 1.30 0.00	22.10 1.31 0.00	10.74 0.67 0.00	13.58 0.65 0.00	17.85 0.92 0.00	13.79 0.80 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.79 0.77 0.00	27.19 1.13 -11.83	31.81 1.72 -8.95	29.17 1.96 -3.03	37.10 2.21 -5.28	35.98 2.22 0.00	45.49 2.56 3.71	36.65 2.10 3.12	25.02 1.39 0.07	17.79 0.83 -6.55	13.69 0.70 -4.92
HICKLING___1 23621	18.52 -0.35 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.75 -0.05 0.00	15.86 -0.13 0.00	20.82 -0.34 0.00	20.27 -0.52 0.00	9.82 -0.26 0.00	12.70 -0.24 0.00	16.65 -0.27 0.00	12.85 -0.13 0.00	6.96 -0.09 0.00	12.64 -0.21 0.00	9.81 -0.21 0.00	13.97 -0.26 0.00	20.77 -0.38 0.00	23.65 -0.53 0.00	29.07 -0.55 0.00	33.35 -0.41 0.00	42.47 -0.30 3.88	33.90 -0.52 3.26	23.16 -0.63 -0.08	15.31 -0.25 -5.15	11.75 -0.21 -3.89
HICKLING___2 23622	18.52 -0.35 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.75 -0.05 0.00	15.86 -0.13 0.00	20.82 -0.34 0.00	20.27 -0.52 0.00	9.82 -0.26 0.00	12.70 -0.24 0.00	16.65 -0.27 0.00	12.85 -0.13 0.00	6.96 -0.09 0.00	12.64 -0.21 0.00	9.81 -0.21 0.00	13.97 -0.26 0.00	20.77 -0.38 0.00	23.65 -0.53 0.00	29.07 -0.55 0.00	33.35 -0.41 0.00	42.47 -0.30 3.88	33.90 -0.52 3.26	23.16 -0.63 -0.08	15.31 -0.25 -5.15	11.75 -0.21 -3.89
HIGH FALLS___HY 23754	20.12 1.25 0.00	17.58 1.16 0.00	5.06 0.34 0.00	10.50 0.71 0.00	17.02 1.03 0.00	22.44 1.27 0.00	22.08 1.29 0.00	10.71 0.63 0.00	13.63 0.70 0.00	17.79 0.87 0.00	13.68 0.69 0.00	7.44 0.39 0.00	13.63 0.78 0.00	10.66 0.64 0.00	15.16 0.93 0.00	22.60 1.46 0.00	26.00 1.83 0.00	31.93 2.32 0.00	36.35 2.59 0.00	46.26 3.30 3.67	37.25 2.66 3.09	25.29 1.66 0.07	11.25 0.84 0.00	8.74 0.67 0.00
HIGH_RIVER___SOLAR 323847	19.44 0.58 0.00	16.98 0.56 0.00	4.88 0.17 0.00	10.15 0.35 0.00	16.53 0.54 0.00	21.82 0.65 0.00	21.35 0.57 0.00	10.23 0.15 0.00	12.97 0.03 0.00	16.82 -0.10 0.00	12.90 -0.09 0.00	7.05 0.00 0.00	12.87 0.02 0.00	10.04 0.02 0.00	14.17 -0.06 0.00	21.06 -0.09 0.00	24.24 0.06 0.00	29.94 0.32 0.00	34.43 0.67 0.00	43.69 1.17 4.12	35.28 1.07 3.47	24.30 0.67 0.08	10.75 0.34 0.00	8.36 0.29 0.00
HILLBURN___GT 23639	19.99 1.12 0.00	17.48 1.05 0.00	5.02 0.32 0.00	10.44 0.64 0.00	16.91 0.91 0.00	22.29 1.12 0.00	21.87 1.09 0.00	10.59 0.51 0.00	13.52 0.58 0.00	17.70 0.78 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.64 0.78 0.00	10.66 0.64 0.00	15.17 0.94 0.00	22.57 1.42 0.00	25.84 1.67 0.00	31.57 1.96 0.00	35.83 2.07 0.00	45.40 2.42 3.66	36.54 1.94 3.08	24.86 1.23 0.07	11.08 0.67 0.00	8.63 0.57 0.00
HILLSIDE_115KV_TB1 80332	18.34 -0.53 0.00	16.18 -0.24 0.00	4.63 -0.08 0.00	9.66 -0.14 0.00	15.71 -0.28 0.00	20.60 -0.57 0.00	20.07 -0.71 0.00	9.72 -0.36 0.00	12.58 -0.35 0.00	16.49 -0.43 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.54 -0.31 0.00	9.75 -0.26 0.00	13.86 -0.37 0.00	20.60 -0.54 0.00	23.44 -0.74 0.00	28.76 -0.85 0.00	32.85 -0.91 0.00	41.60 -1.13 3.91	33.24 -1.15 3.29	22.86 -0.88 -0.03	13.57 -0.29 -3.45	10.44 -0.23 -2.61

HISHELDN_WT_PWR 323625	17.79 -1.07 0.00	15.65 -0.77 0.00	4.50 -0.21 0.00	9.41 -0.38 0.00	15.30 -0.69 0.00	20.01 -1.16 0.00	19.38 -1.40 0.00	9.44 -0.64 0.00	12.29 -0.64 0.00	16.20 -0.72 0.00	12.48 -0.51 0.00	6.76 -0.29 0.00	12.20 -0.65 0.00	9.44 -0.58 0.00	13.51 -0.72 0.00	19.98 -1.16 0.00	22.69 -1.49 0.00	27.81 -1.80 0.00	32.06 -1.70 0.00	40.69 -1.83 4.13	32.51 -1.70 3.47	21.33 -1.57 0.80	-13.44 -0.67 23.18	-9.96 -0.51 17.51
HOLTSVILLE_IC_1 23690	19.99 1.13 0.00	17.55 1.13 0.00	5.08 0.37 0.00	10.61 0.81 0.00	17.03 1.04 0.00	22.54 1.37 0.00	22.29 1.51 0.00	10.85 0.77 0.00	13.57 0.63 0.00	17.86 0.93 0.00	13.81 0.82 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.81 0.79 0.00	18.62 1.20 -3.19	26.70 1.98 -3.58	28.44 2.24 -2.03	35.66 2.52 -3.53	36.31 2.55 0.00	45.84 2.91 3.71	36.88 2.32 3.12	25.20 1.56 0.07	15.75 0.97 -4.37	9.75 0.79 -0.89
HOLTSVILLE_IC_10 23699	20.03 1.16 0.00	17.57 1.15 0.00	5.09 0.38 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.39 1.61 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.93 1.00 0.00	13.86 0.87 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.85 0.83 0.00	18.83 1.27 -3.34	26.91 2.10 -3.66	28.60 2.39 -2.04	35.90 2.73 -3.55	36.55 2.79 0.00	46.17 3.24 3.71	37.13 2.57 3.12	25.35 1.72 0.07	15.84 1.03 -4.40	9.86 0.83 -0.96
HOLTSVILLE_IC_2 23691	19.99 1.13 0.00	17.55 1.13 0.00	5.08 0.37 0.00	10.61 0.81 0.00	17.03 1.04 0.00	22.54 1.37 0.00	22.29 1.51 0.00	10.85 0.77 0.00	13.57 0.63 0.00	17.86 0.93 0.00	13.81 0.82 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.81 0.79 0.00	18.62 1.20 -3.19	26.70 1.98 -3.58	28.44 2.24 -2.03	35.66 2.52 -3.53	36.31 2.55 0.00	45.84 2.91 3.71	36.88 2.32 3.12	25.20 1.56 0.07	15.75 0.97 -4.37	9.75 0.79 -0.89
HOLTSVILLE_IC_3 23692	19.99 1.13 0.00	17.55 1.13 0.00	5.08 0.37 0.00	10.61 0.81 0.00	17.03 1.04 0.00	22.54 1.37 0.00	22.29 1.51 0.00	10.85 0.77 0.00	13.57 0.63 0.00	17.86 0.93 0.00	13.81 0.82 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.81 0.79 0.00	18.62 1.20 -3.19	26.70 1.98 -3.58	28.44 2.24 -2.03	35.66 2.52 -3.53	36.31 2.55 0.00	45.84 2.91 3.71	36.88 2.32 3.12	25.20 1.56 0.07	15.75 0.97 -4.37	9.75 0.79 -0.89
HOLTSVILLE_IC_4 23693	19.99 1.13 0.00	17.55 1.13 0.00	5.08 0.37 0.00	10.61 0.81 0.00	17.03 1.04 0.00	22.54 1.37 0.00	22.29 1.51 0.00	10.85 0.77 0.00	13.57 0.63 0.00	17.86 0.93 0.00	13.81 0.82 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.81 0.79 0.00	18.62 1.20 -3.19	26.70 1.98 -3.58	28.44 2.24 -2.03	35.66 2.52 -3.53	36.31 2.55 0.00	45.84 2.91 3.71	36.88 2.32 3.12	25.20 1.56 0.07	15.75 0.97 -4.37	9.75 0.79 -0.89
HOLTSVILLE_IC_5 23694	19.99 1.13 0.00	17.55 1.13 0.00	5.08 0.37 0.00	10.61 0.81 0.00	17.03 1.04 0.00	22.54 1.37 0.00	22.29 1.51 0.00	10.85 0.77 0.00	13.57 0.63 0.00	17.86 0.93 0.00	13.81 0.82 0.00	7.53 0.48 0.00	13.79 0.94 0.00	10.81 0.79 0.00	18.62 1.20 -3.19	26.70 1.98 -3.58	28.44 2.24 -2.03	35.66 2.52 -3.53	36.31 2.55 0.00	45.84 2.91 3.71	36.88 2.32 3.12	25.20 1.56 0.07	15.75 0.97 -4.37	9.75 0.79 -0.89
HOLTSVILLE_IC_6 23695	20.03 1.16 0.00	17.57 1.15 0.00	5.09 0.38 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.39 1.61 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.93 1.00 0.00	13.86 0.87 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.85 0.83 0.00	18.83 1.27 -3.34	26.91 2.10 -3.66	28.60 2.39 -2.04	35.90 2.73 -3.55	36.55 2.79 0.00	46.17 3.24 3.71	37.13 2.57 3.12	25.35 1.72 0.07	15.84 1.03 -4.40	9.86 0.83 -0.96
HOLTSVILLE_IC_7 23696	20.03 1.16 0.00	17.57 1.15 0.00	5.09 0.38 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.39 1.61 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.93 1.00 0.00	13.86 0.87 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.85 0.83 0.00	18.83 1.27 -3.34	26.91 2.10 -3.66	28.60 2.39 -2.04	35.90 2.73 -3.55	36.55 2.79 0.00	46.17 3.24 3.71	37.13 2.57 3.12	25.35 1.72 0.07	15.84 1.03 -4.40	9.86 0.83 -0.96
HOLTSVILLE_IC_8 23697	20.03 1.16 0.00	17.57 1.15 0.00	5.09 0.38 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.39 1.61 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.93 1.00 0.00	13.86 0.87 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.85 0.83 0.00	18.83 1.27 -3.34	26.91 2.10 -3.66	28.60 2.39 -2.04	35.90 2.73 -3.55	36.55 2.79 0.00	46.17 3.24 3.71	37.13 2.57 3.12	25.35 1.72 0.07	15.84 1.03 -4.40	9.86 0.83 -0.96
HOLTSVILLE_IC_9 23698	20.03 1.16 0.00	17.57 1.15 0.00	5.09 0.38 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.39 1.61 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.93 1.00 0.00	13.86 0.87 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.85 0.83 0.00	18.83 1.27 -3.34	26.91 2.10 -3.66	28.60 2.39 -2.04	35.90 2.73 -3.55	36.55 2.79 0.00	46.17 3.24 3.71	37.13 2.57 3.12	25.35 1.72 0.07	15.84 1.03 -4.40	9.86 0.83 -0.96
HOMER_HL_115KV_TB2 355744	18.41 -0.46 0.00	16.25 -0.17 0.00	4.66 -0.05 0.00	9.74 -0.06 0.00	15.84 -0.15 0.00	20.74 -0.43 0.00	20.15 -0.64 0.00	9.82 -0.26 0.00	12.81 -0.13 0.00	16.85 -0.07 0.00	12.98 -0.02 0.00	6.98 -0.07 0.00	12.66 -0.19 0.00	9.80 -0.21 0.00	14.01 -0.22 0.00	20.70 -0.45 0.00	23.44 -0.74 0.00	28.69 -0.92 0.00	33.00 -0.76 0.00	41.74 -0.75 4.15	33.39 -0.80 3.49	22.74 -0.85 0.12	8.79 -0.33 1.29	6.88 -0.21 0.97
HOWARD_WT_PWR 323690	18.15 -0.72 0.00	15.99 -0.43 0.00	4.55 -0.16 0.00	9.45 -0.35 0.00	15.46 -0.54 0.00	20.34 -0.83 0.00	19.58 -1.20 0.00	9.48 -0.59 0.00	12.30 -0.64 0.00	16.26 -0.66 0.00	12.59 -0.40 0.00	6.83 -0.22 0.00	12.35 -0.50 0.00	9.56 -0.46 0.00	13.61 -0.61 0.00	20.17 -0.97 0.00	22.95 -1.22 0.00	28.24 -1.37 0.00	32.60 -1.16 0.00	41.75 -1.04 3.85	33.13 -1.31 3.24	22.82 -1.50 -0.61	31.65 -0.72 -21.96	24.07 -0.59 -16.59
HQ_GEN_CEDARS 23644	18.77 -0.09 0.00	16.27 -0.15 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.89 -0.10 0.00	21.17 0.01 0.00	20.93 0.14 0.00	10.19 0.12 0.00	13.15 0.22 0.00	17.24 0.32 0.00	13.20 0.21 0.00	7.16 0.10 0.00	12.99 0.14 0.00	10.13 0.11 0.00	14.39 0.16 0.00	21.39 0.24 0.00	24.43 0.25 0.00	29.98 0.36 0.00	34.15 0.39 0.00	45.74 0.79 1.68	36.95 0.69 1.42	24.10 0.43 0.03	10.41 0.00 0.00	8.00 -0.07 0.00
HQ_GEN_CEDARS_PROXY 323590	18.77 -0.09 0.00	16.27 -0.15 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.89 -0.10 0.00	21.17 0.01 0.00	20.93 0.14 0.00	10.19 0.12 0.00	13.15 0.22 0.00	17.24 0.32 0.00	13.20 0.21 0.00	7.15 0.10 0.00	12.99 0.14 0.00	10.13 0.11 0.00	14.39 0.16 0.00	21.39 0.24 0.00	24.43 0.25 0.00	29.98 0.36 0.00	34.15 0.39 0.00	45.74 0.79 1.68	37.19 0.69 1.17	26.50 0.43 -2.36	7.20 0.00 3.21	8.44 -0.07 -0.44

HQ_GEN_IMPORT 323601	18.75 0.04 0.16	16.39 -0.03 0.00	4.69 -0.02 0.00	9.76 -0.04 0.00	15.98 -0.02 0.00	21.23 0.07 0.00	20.89 0.10 0.00	10.15 0.07 0.00	13.06 0.12 0.00	17.09 0.17 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.10 0.07 0.00	14.34 0.11 0.00	21.31 0.17 0.00	24.35 0.17 0.00	29.84 0.23 0.00	34.03 0.27 0.00	46.43 0.44 0.65	37.48 0.37 0.56	26.99 0.20 -3.08	6.88 0.02 3.55	10.70 -0.02 -2.66
HQ_GEN_WHEEL 23651	18.75 0.04 0.16	16.39 -0.03 0.00	4.69 -0.02 0.00	9.76 -0.04 0.00	15.98 -0.02 0.00	21.23 0.07 0.00	20.89 0.10 0.00	10.15 0.07 0.00	13.06 0.12 0.00	17.09 0.17 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.10 0.07 0.00	14.34 0.11 0.00	21.31 0.17 0.00	24.35 0.17 0.00	29.84 0.23 0.00	34.03 0.27 0.00	46.43 0.44 0.65	37.48 0.37 0.56	26.99 0.20 -3.08	6.88 0.02 3.55	10.70 -0.02 -2.66
HUDSON AVE_GT_3 23810	20.13 1.26 0.00	17.64 1.22 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.05 1.06 0.00	22.45 1.28 0.00	22.05 1.26 0.00	10.68 0.61 0.00	13.63 0.70 0.00	17.88 0.95 0.00	13.79 0.79 0.00	7.51 0.47 0.00	13.83 0.98 0.00	10.82 0.80 0.00	15.38 1.15 0.00	22.84 1.69 0.00	26.13 1.95 0.00	31.85 2.24 0.00	36.03 2.26 0.00	45.56 2.63 3.71	36.73 2.18 3.12	25.04 1.41 0.07	11.17 0.76 0.00	8.71 0.64 0.00
HUDSON AVE_GT_4 23540	20.13 1.26 0.00	17.64 1.22 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.05 1.06 0.00	22.45 1.28 0.00	22.05 1.26 0.00	10.68 0.61 0.00	13.63 0.70 0.00	17.88 0.95 0.00	13.79 0.79 0.00	7.51 0.47 0.00	13.83 0.98 0.00	10.82 0.80 0.00	15.38 1.15 0.00	22.84 1.69 0.00	26.13 1.95 0.00	31.85 2.24 0.00	36.03 2.26 0.00	45.56 2.63 3.71	36.73 2.18 3.12	25.04 1.41 0.07	11.17 0.76 0.00	8.71 0.64 0.00
HUDSON AVE_GT_5 23657	20.13 1.26 0.00	17.64 1.22 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.05 1.06 0.00	22.45 1.28 0.00	22.05 1.26 0.00	10.68 0.61 0.00	13.63 0.70 0.00	17.88 0.95 0.00	13.79 0.79 0.00	7.51 0.47 0.00	13.83 0.98 0.00	10.82 0.80 0.00	15.38 1.15 0.00	22.84 1.69 0.00	26.13 1.95 0.00	31.85 2.24 0.00	36.03 2.26 0.00	45.56 2.63 3.71	36.73 2.18 3.12	25.04 1.41 0.07	11.17 0.76 0.00	8.71 0.64 0.00
HUDSON_AVE_10 24168	20.04 1.17 0.00	17.57 1.15 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.99 0.99 0.00	22.36 1.20 0.00	21.96 1.17 0.00	10.65 0.57 0.00	13.59 0.65 0.00	17.82 0.90 0.00	13.75 0.75 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.27 1.05 0.00	22.73 1.58 0.00	26.04 1.86 0.00	31.75 2.14 0.00	35.91 2.15 0.00	45.41 2.48 3.71	36.60 2.04 3.12	24.96 1.33 0.07	11.14 0.73 0.00	8.68 0.61 0.00
HUDSON___115KV_TB 4 355613	19.46 0.60 0.00	17.01 0.60 0.00	4.89 0.18 0.00	10.17 0.37 0.00	16.52 0.52 0.00	21.81 0.64 0.00	21.37 0.58 0.00	10.29 0.21 0.00	13.08 0.15 0.00	17.03 0.11 0.00	13.06 0.07 0.00	7.10 0.05 0.00	12.97 0.13 0.00	10.14 0.12 0.00	14.40 0.17 0.00	21.40 0.25 0.00	24.56 0.39 0.00	30.15 0.55 0.00	34.39 0.64 0.00	43.67 0.97 3.94	35.24 0.88 3.32	24.29 0.66 0.08	10.78 0.37 0.00	8.38 0.31 0.00
HUNTER MOUNT___DRP 323613	19.60 0.73 0.00	17.12 0.70 0.00	4.92 0.21 0.00	10.23 0.44 0.00	16.63 0.64 0.00	21.97 0.80 0.00	21.52 0.73 0.00	10.36 0.28 0.00	13.17 0.23 0.00	17.12 0.20 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.99 0.14 0.00	10.15 0.13 0.00	14.42 0.19 0.00	21.43 0.29 0.00	24.64 0.46 0.00	30.31 0.70 0.00	34.62 0.87 0.00	44.05 1.32 3.91	35.54 1.14 3.28	24.45 0.81 0.08	10.84 0.43 0.00	8.42 0.35 0.00
HUNTINGTON_RES_REC 323705	19.53 0.66 0.00	17.17 0.75 0.00	5.00 0.29 0.00	10.47 0.68 0.00	16.82 0.83 0.00	22.22 1.05 0.00	21.90 1.12 0.00	10.68 0.60 0.00	13.40 0.46 0.00	17.61 0.68 0.00	13.64 0.65 0.00	7.46 0.41 0.00	13.66 0.81 0.00	10.70 0.68 0.00	18.65 1.02 -3.41	26.47 1.61 -3.71	28.00 1.77 -2.06	35.09 1.89 -3.58	35.55 1.79 0.00	44.83 1.90 3.71	36.08 1.52 3.12	24.70 1.07 0.07	15.59 0.74 -4.44	9.69 0.64 -0.99
HUNTLEY___63 23557	17.72 -1.15 0.00	15.56 -0.86 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.28 -0.71 0.00	19.97 -1.20 0.00	19.37 -1.42 0.00	9.48 -0.60 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.58 -0.41 0.00	6.82 -0.23 0.00	12.31 -0.54 0.00	9.52 -0.50 0.00	13.63 -0.59 0.00	20.12 -1.02 0.00	22.78 -1.40 0.00	27.79 -1.82 0.00	32.04 -1.72 0.00	40.51 -1.90 4.23	32.48 -1.64 3.56	22.10 -1.34 0.27	3.77 -0.57 6.07	3.06 -0.42 4.58
HUNTLEY___64 23558	17.72 -1.15 0.00	15.56 -0.86 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.28 -0.71 0.00	19.97 -1.20 0.00	19.37 -1.42 0.00	9.48 -0.60 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.58 -0.41 0.00	6.82 -0.23 0.00	12.31 -0.54 0.00	9.52 -0.50 0.00	13.63 -0.59 0.00	20.12 -1.02 0.00	22.78 -1.40 0.00	27.79 -1.82 0.00	32.04 -1.72 0.00	40.51 -1.90 4.23	32.48 -1.64 3.56	22.10 -1.34 0.27	3.77 -0.57 6.07	3.06 -0.42 4.58
HUNTLEY___65 23559	17.72 -1.15 0.00	15.56 -0.86 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.28 -0.71 0.00	19.97 -1.20 0.00	19.37 -1.42 0.00	9.48 -0.60 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.58 -0.41 0.00	6.82 -0.23 0.00	12.31 -0.54 0.00	9.52 -0.50 0.00	13.63 -0.59 0.00	20.12 -1.02 0.00	22.78 -1.40 0.00	27.79 -1.82 0.00	32.04 -1.72 0.00	40.51 -1.90 4.23	32.48 -1.64 3.56	22.10 -1.34 0.27	3.77 -0.57 6.07	3.06 -0.42 4.58
HUNTLEY___66 23560	17.72 -1.15 0.00	15.56 -0.86 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.28 -0.71 0.00	19.97 -1.20 0.00	19.37 -1.42 0.00	9.48 -0.60 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.58 -0.41 0.00	6.82 -0.23 0.00	12.31 -0.54 0.00	9.52 -0.50 0.00	13.63 -0.59 0.00	20.12 -1.02 0.00	22.78 -1.40 0.00	27.79 -1.82 0.00	32.04 -1.72 0.00	40.51 -1.90 4.23	32.48 -1.64 3.56	22.10 -1.34 0.27	3.77 -0.57 6.07	3.06 -0.42 4.58
HUNTLEY___67 23561	17.64 -1.22 0.00	15.50 -0.92 0.00	4.47 -0.24 0.00	9.37 -0.43 0.00	15.20 -0.79 0.00	19.86 -1.30 0.00	19.26 -1.53 0.00	9.42 -0.66 0.00	12.33 -0.60 0.00	16.27 -0.65 0.00	12.50 -0.49 0.00	6.77 -0.28 0.00	12.24 -0.61 0.00	9.46 -0.55 0.00	13.54 -0.68 0.00	19.99 -1.15 0.00	22.64 -1.53 0.00	27.65 -1.95 0.00	31.87 -1.89 0.00	40.27 -2.12 4.25	32.26 -1.84 3.57	21.96 -1.48 0.27	3.76 -0.66 5.99	3.06 -0.49 4.52
HUNTLEY___68 23562	17.64 -1.22 0.00	15.50 -0.92 0.00	4.47 -0.24 0.00	9.37 -0.43 0.00	15.20 -0.79 0.00	19.86 -1.30 0.00	19.26 -1.53 0.00	9.42 -0.66 0.00	12.33 -0.60 0.00	16.27 -0.65 0.00	12.50 -0.49 0.00	6.77 -0.28 0.00	12.24 -0.61 0.00	9.46 -0.55 0.00	13.54 -0.68 0.00	19.99 -1.15 0.00	22.64 -1.53 0.00	27.65 -1.95 0.00	31.87 -1.89 0.00	40.27 -2.12 4.25	32.26 -1.84 3.57	21.96 -1.48 0.27	3.76 -0.66 5.99	3.06 -0.49 4.52



HYLAND___LFGE 323620	18.78 -0.09 0.00	16.48 0.06 0.00	4.72 0.01 0.00	9.85 0.05 0.00	16.05 0.06 0.00	21.12 -0.05 0.00	20.59 -0.19 0.00	9.94 -0.13 0.00	12.67 -0.26 0.00	16.53 -0.40 0.00	12.72 -0.27 0.00	6.89 -0.17 0.00	12.47 -0.39 0.00	9.65 -0.37 0.00	13.70 -0.52 0.00	20.00 -1.14 0.00	22.61 -1.57 0.00	27.82 -1.79 0.00	32.11 -1.65 0.00	41.49 -1.16 3.99	33.85 -0.47 3.35	23.81 -0.56 -0.66	34.14 -0.15 -23.88	26.06 -0.04 -18.04
INDECK___CORINTH 23802	19.72 0.86 0.00	17.21 0.79 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.08 0.91 0.00	21.83 1.05 0.00	10.49 0.41 0.00	13.38 0.45 0.00	17.39 0.47 0.00	13.27 0.28 0.00	7.24 0.19 0.00	13.20 0.35 0.00	10.26 0.24 0.00	14.37 0.14 0.00	21.29 0.14 0.00	24.63 0.45 0.00	30.16 0.55 0.00	34.52 0.76 0.00	43.58 1.05 4.10	35.14 0.92 3.45	24.07 0.44 0.08	10.70 0.29 0.00	8.34 0.27 0.00
INDECK___ILION 23567	18.98 0.11 0.00	16.60 0.18 0.00	4.77 0.06 0.00	9.93 0.13 0.00	16.15 0.15 0.00	21.32 0.15 0.00	20.88 0.10 0.00	10.01 -0.07 0.00	12.73 -0.20 0.00	16.56 -0.36 0.00	12.71 -0.27 0.00	6.91 -0.13 0.00	12.64 -0.21 0.00	9.87 -0.15 0.00	14.00 -0.23 0.00	20.81 -0.33 0.00	23.92 -0.26 0.00	29.42 -0.19 0.00	33.64 -0.12 0.00	41.65 -0.14 4.85	33.50 -0.10 4.08	23.62 0.00 0.10	10.48 0.07 0.00	8.15 0.09 0.00
INDECK___OLEAN 23982	18.40 -0.47 0.00	16.25 -0.17 0.00	4.66 -0.05 0.00	9.74 -0.06 0.00	15.85 -0.15 0.00	20.74 -0.43 0.00	20.15 -0.64 0.00	9.82 -0.26 0.00	12.81 -0.13 0.00	16.85 -0.07 0.00	12.97 -0.02 0.00	6.98 -0.07 0.00	12.66 -0.19 0.00	9.80 -0.21 0.00	14.01 -0.22 0.00	20.70 -0.45 0.00	23.43 -0.74 0.00	28.71 -0.91 0.00	33.00 -0.76 0.00	41.73 -0.75 4.15	33.38 -0.80 3.49	22.73 -0.86 0.12	8.79 -0.33 1.29	6.88 -0.21 0.97
INDECK___OSWEGO 23783	18.30 -0.57 0.00	15.98 -0.44 0.00	4.59 -0.12 0.00	9.56 -0.23 0.00	15.61 -0.38 0.00	20.58 -0.59 0.00	20.16 -0.63 0.00	9.76 -0.32 0.00	12.52 -0.41 0.00	16.36 -0.57 0.00	12.56 -0.43 0.00	6.80 -0.24 0.00	12.37 -0.48 0.00	9.63 -0.39 0.00	13.68 -0.55 0.00	20.35 -0.80 0.00	23.27 -0.90 0.00	28.56 -1.06 0.00	32.67 -1.09 0.00	46.66 -1.41 -1.43	37.71 -1.17 -1.20	22.97 -0.76 -0.03	10.11 -0.30 0.00	7.86 -0.20 0.00
INDECK___YERKES 23781	17.73 -1.13 0.00	15.58 -0.84 0.00	4.50 -0.21 0.00	9.43 -0.37 0.00	15.29 -0.70 0.00	19.99 -1.18 0.00	19.39 -1.40 0.00	9.49 -0.58 0.00	12.43 -0.51 0.00	16.40 -0.52 0.00	12.59 -0.40 0.00	6.82 -0.23 0.00	12.32 -0.53 0.00	9.53 -0.49 0.00	13.64 -0.58 0.00	20.14 -1.00 0.00	22.81 -1.37 0.00	27.84 -1.77 0.00	32.08 -1.68 0.00	40.53 -1.87 4.23	32.52 -1.60 3.56	22.12 -1.32 0.27	3.79 -0.56 6.07	3.07 -0.41 4.58
INDIAN POINT_GT_1 24139	19.97 1.10 0.00	17.47 1.05 0.00	5.02 0.32 0.00	10.44 0.65 0.00	16.91 0.92 0.00	22.28 1.11 0.00	21.87 1.09 0.00	10.59 0.51 0.00	13.51 0.57 0.00	17.69 0.77 0.00	13.63 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.65 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.90 0.00	35.73 1.97 0.00	45.24 2.30 3.70	36.42 1.86 3.11	24.83 1.20 0.07	11.07 0.66 0.00	8.63 0.57 0.00
INDIAN POINT_GT_2 23659	19.97 1.10 0.00	17.47 1.05 0.00	5.02 0.32 0.00	10.44 0.65 0.00	16.91 0.92 0.00	22.28 1.11 0.00	21.87 1.09 0.00	10.59 0.51 0.00	13.51 0.57 0.00	17.69 0.77 0.00	13.63 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.65 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.90 0.00	35.73 1.97 0.00	45.24 2.30 3.70	36.42 1.86 3.11	24.83 1.20 0.07	11.07 0.66 0.00	8.63 0.57 0.00
INDIAN POINT_GT_3 24019	19.97 1.10 0.00	17.47 1.05 0.00	5.02 0.32 0.00	10.44 0.65 0.00	16.91 0.92 0.00	22.28 1.11 0.00	21.87 1.09 0.00	10.59 0.51 0.00	13.51 0.57 0.00	17.69 0.77 0.00	13.63 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.65 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.90 0.00	35.73 1.97 0.00	45.24 2.30 3.70	36.42 1.86 3.11	24.83 1.20 0.07	11.07 0.66 0.00	8.63 0.57 0.00
INDIAN POINT___2 23530	19.95 1.08 0.00	17.45 1.03 0.00	5.02 0.31 0.00	10.43 0.63 0.00	16.89 0.90 0.00	22.26 1.09 0.00	21.85 1.06 0.00	10.58 0.50 0.00	13.49 0.56 0.00	17.67 0.75 0.00	13.62 0.63 0.00	7.42 0.37 0.00	13.60 0.75 0.00	10.64 0.62 0.00	15.13 0.90 0.00	22.51 1.36 0.00	25.78 1.60 0.00	31.48 1.87 0.00	35.70 1.94 0.00	45.21 2.25 3.69	36.40 1.82 3.10	24.81 1.17 0.07	11.06 0.65 0.00	8.62 0.55 0.00
INDIAN POINT___3 23531	19.96 1.09 0.00	17.46 1.04 0.00	5.02 0.31 0.00	10.44 0.64 0.00	16.90 0.91 0.00	22.27 1.10 0.00	21.86 1.08 0.00	10.58 0.50 0.00	13.49 0.56 0.00	17.67 0.75 0.00	13.62 0.63 0.00	7.42 0.37 0.00	13.60 0.75 0.00	10.64 0.62 0.00	15.12 0.90 0.00	22.51 1.36 0.00	25.77 1.60 0.00	31.47 1.86 0.00	35.68 1.92 0.00	45.18 2.24 3.70	36.38 1.81 3.11	24.80 1.17 0.07	11.06 0.65 0.00	8.62 0.56 0.00
INGHAM_C_115KV_TB7 356103	19.13 0.26 0.00	16.73 0.32 0.00	4.80 0.09 0.00	9.99 0.19 0.00	16.24 0.24 0.00	21.45 0.28 0.00	20.99 0.21 0.00	9.95 -0.13 0.00	12.52 -0.42 0.00	16.16 -0.76 0.00	12.40 -0.59 0.00	6.76 -0.29 0.00	12.39 -0.46 0.00	9.70 -0.32 0.00	13.74 -0.49 0.00	20.41 -0.73 0.00	23.62 -0.56 0.00	29.22 -0.39 0.00	33.54 -0.22 0.00	41.62 -0.17 4.85	33.57 -0.03 4.08	23.75 0.13 0.10	10.57 0.16 0.00	8.22 0.16 0.00
IP CORINTH___1 23988	19.72 0.86 0.00	17.21 0.78 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.08 0.91 0.00	21.83 1.05 0.00	10.49 0.41 0.00	13.38 0.45 0.00	17.39 0.47 0.00	13.27 0.28 0.00	7.24 0.19 0.00	13.21 0.36 0.00	10.28 0.26 0.00	14.42 0.20 0.00	21.39 0.25 0.00	24.75 0.57 0.00	30.33 0.71 0.00	34.70 0.94 0.00	43.84 1.30 4.10	35.36 1.13 3.45	24.19 0.57 0.08	10.76 0.35 0.00	8.38 0.31 0.00
IP___TICONDEROGA 23804	20.49 1.63 0.00	17.85 1.43 0.00	5.13 0.42 0.00	10.71 0.91 0.00	17.32 1.33 0.00	22.65 1.48 0.00	22.27 1.49 0.00	10.50 0.42 0.00	13.33 0.40 0.00	17.29 0.36 0.00	13.10 0.11 0.00	7.21 0.16 0.00	13.34 0.49 0.00	10.41 0.39 0.00	14.57 0.34 0.00	21.65 0.50 0.00	25.17 0.99 0.00	30.81 1.20 0.00	35.33 1.58 0.00	46.26 3.72 4.10	37.58 3.36 3.45	25.17 1.54 0.08	11.31 0.90 0.00	8.72 0.66 0.00
ISLIP_RES_REC 323679	20.09 1.22 0.00	17.62 1.20 0.00	5.10 0.39 0.00	10.67 0.87 0.00	17.13 1.13 0.00	22.68 1.51 0.00	22.47 1.68 0.00	10.93 0.85 0.00	13.66 0.73 0.00	17.99 1.07 0.00	13.90 0.91 0.00	7.58 0.53 0.00	13.88 1.03 0.00	10.89 0.87 0.00	19.00 1.33 -3.45	27.08 2.21 -3.73	28.74 2.51 -2.05	36.08 2.90 -3.57	36.75 2.99 0.00	46.44 3.52 3.71	37.34 2.78 3.12	25.48 1.84 0.07	15.92 1.08 -4.42	9.94 0.86 -1.01

JAMAICA__27_KV_LOAD 355505	20.13 1.26 0.00	17.59 1.17 0.00	5.05 0.34 0.00	10.50 0.70 0.00	17.00 1.00 0.00	22.37 1.20 0.00	21.96 1.18 0.00	10.65 0.57 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.76 0.91 0.00	10.77 0.75 0.00	15.28 1.06 0.00	22.75 1.60 0.00	26.09 1.91 0.00	31.83 2.22 0.00	36.00 2.24 0.00	45.52 2.59 3.71	36.71 2.15 3.12	25.05 1.42 0.07	11.21 0.79 0.00	8.72 0.65 0.00
JANIS__SOLAR 323808	19.30 0.44 0.00	16.87 0.45 0.00	4.85 0.14 0.00	10.09 0.30 0.00	16.46 0.47 0.00	21.70 0.53 0.00	21.20 0.42 0.00	10.23 0.15 0.00	13.01 0.07 0.00	16.93 0.01 0.00	13.00 0.00 0.00	7.07 0.03 0.00	12.76 -0.08 0.00	9.92 -0.10 0.00	14.11 -0.11 0.00	21.10 -0.05 0.00	24.27 0.10 0.00	30.02 0.41 0.00	34.49 0.74 0.00	44.43 1.48 3.69	35.82 1.24 3.10	24.24 0.54 0.01	12.61 0.20 -2.00	9.67 0.10 -1.51
JARVIS____ 23743	18.84 -0.02 0.00	16.48 0.06 0.00	4.74 0.03 0.00	9.85 0.05 0.00	16.05 0.06 0.00	21.18 0.01 0.00	20.75 -0.03 0.00	10.02 -0.05 0.00	12.83 -0.10 0.00	16.75 -0.17 0.00	12.87 -0.12 0.00	6.99 -0.06 0.00	12.76 -0.09 0.00	9.95 -0.07 0.00	14.13 -0.10 0.00	21.00 -0.15 0.00	24.01 -0.17 0.00	29.41 -0.20 0.00	33.55 -0.21 0.00	41.46 -0.32 4.85	33.30 -0.30 4.08	23.45 -0.16 0.10	10.40 -0.01 0.00	8.09 0.02 0.00
JENNISON____1 23625	19.44 0.57 0.00	17.01 0.59 0.00	4.89 0.18 0.00	10.17 0.37 0.00	16.58 0.59 0.00	21.85 0.68 0.00	21.34 0.56 0.00	10.32 0.24 0.00	13.16 0.23 0.00	17.14 0.22 0.00	13.21 0.22 0.00	7.18 0.13 0.00	13.06 0.21 0.00	10.16 0.14 0.00	14.44 0.22 0.00	21.56 0.41 0.00	24.76 0.58 0.00	30.54 0.93 0.00	34.90 1.14 0.00	44.34 1.68 3.98	35.59 1.26 3.35	24.06 0.40 0.05	11.61 0.13 -1.07	8.92 0.04 -0.81
JENNISON____2 23626	19.44 0.57 0.00	17.01 0.59 0.00	4.89 0.18 0.00	10.17 0.37 0.00	16.58 0.59 0.00	21.85 0.68 0.00	21.34 0.56 0.00	10.32 0.24 0.00	13.16 0.23 0.00	17.14 0.22 0.00	13.21 0.22 0.00	7.18 0.13 0.00	13.06 0.21 0.00	10.16 0.14 0.00	14.44 0.22 0.00	21.56 0.41 0.00	24.76 0.58 0.00	30.54 0.93 0.00	34.90 1.14 0.00	44.34 1.68 3.98	35.59 1.26 3.35	24.06 0.40 0.05	11.61 0.13 -1.07	8.92 0.04 -0.81
JERICOHO_RISE_WT_PWR 323719	18.69 -0.18 0.00	16.21 -0.21 0.00	4.64 -0.07 0.00	9.68 -0.12 0.00	15.87 -0.13 0.00	21.10 -0.07 0.00	20.81 0.03 0.00	10.16 0.08 0.00	13.11 0.18 0.00	17.19 0.26 0.00	13.13 0.14 0.00	7.12 0.07 0.00	12.97 0.11 0.00	10.11 0.09 0.00	14.35 0.12 0.00	21.32 0.18 0.00	24.41 0.23 0.00	29.94 0.33 0.00	34.16 0.40 0.00	45.82 0.79 1.61	36.96 0.63 1.35	23.99 0.31 0.03	10.37 -0.04 0.00	7.91 -0.15 0.00
KATONAH__115KV_46KV_TB4 355592	20.05 1.18 0.00	17.53 1.11 0.00	5.04 0.33 0.00	10.48 0.68 0.00	16.97 0.98 0.00	22.37 1.21 0.00	21.97 1.18 0.00	10.63 0.56 0.00	13.57 0.63 0.00	17.76 0.84 0.00	13.68 0.69 0.00	7.45 0.40 0.00	13.66 0.81 0.00	10.68 0.66 0.00	15.19 0.96 0.00	22.61 1.47 0.00	25.90 1.72 0.00	31.63 2.02 0.00	35.88 2.12 0.00	45.44 2.52 3.72	36.58 2.04 3.13	24.94 1.30 0.07	11.12 0.71 0.00	8.66 0.60 0.00
KCE_NY_1 323755	19.70 0.83 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.29 0.49 0.00	16.71 0.72 0.00	22.08 0.92 0.00	21.70 0.91 0.00	10.42 0.35 0.00	13.31 0.37 0.00	17.30 0.38 0.00	13.23 0.24 0.00	7.19 0.14 0.00	13.16 0.31 0.00	10.27 0.25 0.00	14.54 0.31 0.00	21.61 0.46 0.00	24.89 0.71 0.00	30.58 0.97 0.00	35.00 1.24 0.00	44.17 1.63 4.10	35.52 1.29 3.44	24.39 0.77 0.08	10.84 0.43 0.00	8.45 0.38 0.00
KCE_NY_6_ESR 323823	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.19 0.00	9.48 -0.32 0.00	15.38 -0.61 0.00	20.10 -1.07 0.00	19.49 -1.30 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.45 -0.47 0.00	12.64 -0.35 0.00	6.85 -0.20 0.00	12.39 -0.47 0.00	9.58 -0.44 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.97 -1.21 0.00	28.10 -1.51 0.00	32.39 -1.36 0.00	41.00 -1.43 4.21	32.81 -1.32 3.55	22.20 -1.21 0.30	2.87 -0.54 7.00	2.38 -0.39 5.29
KEDC_PORT_JEFF_GT2 24210	19.98 1.11 0.00	17.54 1.12 0.00	5.08 0.37 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.38 1.60 0.00	10.89 0.81 0.00	13.61 0.68 0.00	17.92 1.00 0.00	13.86 0.86 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.84 0.83 0.00	18.77 1.26 -3.28	26.87 2.10 -3.63	28.60 2.39 -2.04	35.89 2.74 -3.54	36.56 2.80 0.00	46.08 3.15 3.71	37.02 2.46 3.12	25.29 1.65 0.07	15.83 1.03 -4.39	9.83 0.83 -0.93
KEDC_PORT_JEFF_GT3 24211	19.98 1.11 0.00	17.54 1.12 0.00	5.08 0.37 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.38 1.60 0.00	10.89 0.81 0.00	13.61 0.68 0.00	17.92 1.00 0.00	13.86 0.86 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.84 0.83 0.00	18.77 1.26 -3.28	26.87 2.10 -3.63	28.60 2.39 -2.04	35.89 2.74 -3.54	36.56 2.80 0.00	46.08 3.15 3.71	37.02 2.46 3.12	25.29 1.65 0.07	15.83 1.03 -4.39	9.83 0.83 -0.93
KEDC_GLWD_GT4 24219	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.07 1.08 0.00	22.53 1.36 0.00	22.15 1.36 0.00	10.75 0.68 0.00	13.65 0.71 0.00	17.92 0.99 0.00	13.83 0.84 0.00	7.55 0.49 0.00	13.82 0.98 0.00	10.82 0.80 0.00	27.36 1.16 -11.97	32.31 1.68 -9.48	29.64 1.95 -3.52	37.98 2.24 -6.13	35.96 2.20 0.00	45.47 2.54 3.71	36.73 2.17 3.12	25.05 1.42 0.07	18.81 0.81 -7.59	13.58 0.70 -4.82
KEDC_GLWD_GT5 24220	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.38 0.00	10.58 0.78 0.00	17.07 1.08 0.00	22.53 1.36 0.00	22.15 1.36 0.00	10.75 0.68 0.00	13.65 0.71 0.00	17.92 0.99 0.00	13.83 0.84 0.00	7.55 0.49 0.00	13.82 0.98 0.00	10.82 0.80 0.00	27.36 1.16 -11.97	32.31 1.68 -9.48	29.64 1.95 -3.52	37.98 2.24 -6.13	35.96 2.20 0.00	45.47 2.54 3.71	36.73 2.17 3.12	25.05 1.42 0.07	18.81 0.81 -7.59	13.58 0.70 -4.82
KENSICO____ 23655	20.02 1.16 0.00	17.51 1.09 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.95 0.96 0.00	22.33 1.17 0.00	21.93 1.14 0.00	10.62 0.54 0.00	13.54 0.61 0.00	17.74 0.82 0.00	13.67 0.68 0.00	7.45 0.40 0.00	13.65 0.80 0.00	10.68 0.66 0.00	15.18 0.96 0.00	22.60 1.45 0.00	25.88 1.70 0.00	31.59 1.98 0.00	35.80 2.04 0.00	45.32 2.39 3.71	36.50 1.94 3.12	24.88 1.25 0.07	11.10 0.69 0.00	8.65 0.59 0.00
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	20.03 1.16 0.00	17.50 1.09 0.00	5.03 0.32 0.00	10.46 0.67 0.00	16.96 0.96 0.00	22.35 1.19 0.00	21.98 1.20 0.00	10.65 0.57 0.00	13.56 0.63 0.00	17.68 0.76 0.00	13.59 0.60 0.00	7.39 0.34 0.00	13.54 0.69 0.00	10.59 0.57 0.00	15.06 0.83 0.00	22.44 1.30 0.00	25.83 1.66 0.00	31.72 2.11 0.00	36.12 2.36 0.00	46.02 3.00 3.62	37.07 2.43 3.04	25.16 1.52 0.07	11.19 0.78 0.00	8.70 0.63 0.00

KIAC_JFK_GT1 23816	20.03 1.16 0.00	17.51 1.09 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.91 0.92 0.00	22.26 1.09 0.00	21.84 1.06 0.00	10.59 0.52 0.00	13.55 0.61 0.00	17.78 0.86 0.00	13.72 0.72 0.00	7.47 0.42 0.00	13.70 0.85 0.00	10.72 0.70 0.00	15.20 0.97 0.00	22.56 1.41 0.00	25.87 1.69 0.00	31.55 1.94 0.00	35.69 1.93 0.00	45.08 2.15 3.71	36.34 1.78 3.12	24.83 1.19 0.07	11.14 0.74 0.00	8.68 0.61 0.00
KIAC_JFK_GT2 23817	20.03 1.16 0.00	17.51 1.09 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.91 0.92 0.00	22.26 1.09 0.00	21.84 1.06 0.00	10.59 0.52 0.00	13.55 0.61 0.00	17.78 0.86 0.00	13.72 0.72 0.00	7.47 0.42 0.00	13.70 0.85 0.00	10.72 0.70 0.00	15.20 0.97 0.00	22.56 1.41 0.00	25.87 1.69 0.00	31.55 1.94 0.00	35.69 1.93 0.00	45.08 2.15 3.71	36.34 1.78 3.12	24.83 1.19 0.07	11.14 0.74 0.00	8.68 0.61 0.00
KIAC_JFK____ 323774	20.03 1.16 0.00	17.51 1.09 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.91 0.92 0.00	22.26 1.09 0.00	21.84 1.06 0.00	10.60 0.52 0.00	13.55 0.61 0.00	17.78 0.86 0.00	13.72 0.72 0.00	7.47 0.42 0.00	13.70 0.85 0.00	10.72 0.70 0.00	15.19 0.97 0.00	22.56 1.42 0.00	25.87 1.69 0.00	31.55 1.94 0.00	35.68 1.92 0.00	45.08 2.15 3.71	36.34 1.78 3.12	24.83 1.19 0.07	11.14 0.74 0.00	8.68 0.61 0.00
KINTIGH__24_KV_GSU 356498	17.77 -1.10 0.00	15.60 -0.82 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.29 -0.70 0.00	20.02 -1.15 0.00	19.45 -1.34 0.00	9.49 -0.59 0.00	12.39 -0.55 0.00	16.32 -0.60 0.00	12.52 -0.47 0.00	6.78 -0.27 0.00	12.27 -0.58 0.00	9.50 -0.52 0.00	13.58 -0.64 0.00	20.06 -1.08 0.00	22.76 -1.41 0.00	27.84 -1.78 0.00	32.03 -1.73 0.00	40.33 -1.98 4.33	32.35 -1.68 3.64	22.19 -1.31 0.20	6.01 -0.59 3.82	4.76 -0.42 2.89
KINTIGH____ 23543	17.76 -1.11 0.00	15.58 -0.84 0.00	4.49 -0.21 0.00	9.41 -0.39 0.00	15.27 -0.72 0.00	20.00 -1.17 0.00	19.43 -1.35 0.00	9.48 -0.59 0.00	12.38 -0.56 0.00	16.30 -0.62 0.00	12.51 -0.48 0.00	6.77 -0.28 0.00	12.26 -0.59 0.00	9.49 -0.53 0.00	13.57 -0.66 0.00	20.05 -1.10 0.00	22.75 -1.43 0.00	27.79 -1.82 0.00	32.00 -1.76 0.00	40.29 -2.01 4.33	32.32 -1.72 3.64	22.18 -1.33 0.20	5.99 -0.60 3.82	4.75 -0.43 2.89
KNTFSRNC_46_KV_46KV_LOAD 80397	18.83 -0.04 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.97 -0.02 0.00	21.25 0.08 0.00	20.97 0.18 0.00	10.20 0.12 0.00	13.12 0.19 0.00	17.18 0.26 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.09 0.07 0.00	14.32 0.10 0.00	21.30 0.16 0.00	24.40 0.22 0.00	29.97 0.36 0.00	34.28 0.53 0.00	46.27 1.24 1.61	37.39 1.07 1.35	24.28 0.60 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
LACHUTE____HYDRO 323717	20.49 1.63 0.00	17.85 1.43 0.00	5.13 0.42 0.00	10.71 0.91 0.00	17.32 1.33 0.00	22.65 1.48 0.00	22.27 1.49 0.00	10.50 0.42 0.00	13.33 0.39 0.00	17.29 0.36 0.00	13.10 0.11 0.00	7.21 0.16 0.00	13.34 0.49 0.00	10.41 0.39 0.00	14.57 0.34 0.00	21.65 0.50 0.00	25.17 0.99 0.00	30.81 1.20 0.00	35.33 1.58 0.00	46.26 3.72 4.10	37.58 3.36 3.45	25.17 1.54 0.08	11.31 0.90 0.00	8.72 0.66 0.00
LAWRNCV_115KV_TB1 80681	18.29 -0.58 0.00	15.84 -0.58 0.00	4.54 -0.16 0.00	9.45 -0.35 0.00	15.57 -0.42 0.00	20.78 -0.39 0.00	20.54 -0.24 0.00	9.99 -0.09 0.00	12.85 -0.09 0.00	16.81 -0.11 0.00	12.86 -0.13 0.00	6.98 -0.07 0.00	12.66 -0.19 0.00	9.86 -0.16 0.00	14.00 -0.23 0.00	20.82 -0.32 0.00	23.80 -0.37 0.00	29.29 -0.32 0.00	33.49 -0.27 0.00	44.81 0.07 1.90	36.22 0.13 1.60	23.68 0.01 0.04	10.21 -0.20 0.00	7.81 -0.26 0.00
LEDERLE____ 23769	20.06 1.20 0.00	17.54 1.12 0.00	5.04 0.33 0.00	10.48 0.68 0.00	16.97 0.98 0.00	22.37 1.21 0.00	21.96 1.18 0.00	10.63 0.55 0.00	13.57 0.64 0.00	17.78 0.85 0.00	13.70 0.71 0.00	7.46 0.41 0.00	13.69 0.84 0.00	10.71 0.69 0.00	15.24 1.01 0.00	22.67 1.53 0.00	25.98 1.81 0.00	31.74 2.13 0.00	36.00 2.25 0.00	45.62 2.65 3.67	36.71 2.12 3.09	24.97 1.34 0.07	11.12 0.72 0.00	8.67 0.60 0.00
LIGHTHSE_115KV_TB6 355974	18.33 -0.53 0.00	16.05 -0.37 0.00	4.62 -0.09 0.00	9.64 -0.16 0.00	15.84 -0.16 0.00	20.90 -0.27 0.00	20.41 -0.37 0.00	9.88 -0.19 0.00	12.65 -0.29 0.00	16.47 -0.45 0.00	12.66 -0.33 0.00	6.87 -0.18 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.75 -0.48 0.00	20.42 -0.72 0.00	23.37 -0.80 0.00	28.82 -0.79 0.00	33.15 -0.61 0.00	45.14 -0.52 0.98	36.41 -0.45 0.82	23.23 -0.46 0.02	10.22 -0.19 0.00	7.90 -0.17 0.00
LINDEN COGEN____ 23786	-201.97 1.11 221.94	17.23 1.08 0.27	4.10 0.33 0.95	10.49 0.69 0.00	16.94 0.95 0.00	22.31 1.14 0.00	21.92 1.13 0.00	10.63 0.55 0.00	13.56 0.62 0.00	-503.06 0.85 520.83	-221.00 0.72 234.71	7.48 0.43 0.00	-2.95 0.87 16.67	10.74 0.72 0.00	15.26 1.03 0.00	22.51 1.54 0.17	25.98 1.80 0.00	31.69 2.07 0.00	35.30 2.10 0.55	37.18 2.43 11.88	35.63 1.98 4.03	24.90 1.27 0.07	11.12 0.71 0.00	8.67 0.60 0.00
LINDHRST_69_KV_BK1 356055	20.23 1.37 0.00	17.76 1.33 0.00	5.13 0.42 0.00	10.67 0.87 0.00	17.15 1.15 0.00	22.68 1.51 0.00	22.36 1.58 0.00	10.89 0.81 0.00	13.68 0.75 0.00	17.99 1.07 0.00	13.91 0.92 0.00	7.59 0.54 0.00	13.90 1.05 0.00	10.88 0.86 0.00	21.00 1.28 -5.49	28.15 2.02 -4.99	28.74 2.29 -2.28	36.19 2.61 -3.97	36.46 2.70 0.00	46.14 3.21 3.71	37.14 2.58 3.12	25.35 1.71 0.07	16.33 1.00 -4.91	10.85 0.82 -1.97
LIPA_MISC_IPP 23656	19.89 1.02 0.00	17.45 1.03 0.00	5.05 0.34 0.00	10.56 0.76 0.00	16.95 0.96 0.00	22.45 1.28 0.00	22.29 1.51 0.00	10.84 0.76 0.00	13.50 0.56 0.00	17.79 0.87 0.00	13.75 0.76 0.00	7.48 0.44 0.00	13.71 0.86 0.00	10.75 0.73 0.00	18.56 1.12 -3.22	26.67 1.93 -3.59	28.38 2.17 -2.03	35.61 2.47 -3.54	36.22 2.46 0.00	45.72 2.79 3.71	36.76 2.21 3.12	25.14 1.51 0.07	15.73 0.95 -4.38	9.73 0.77 -0.90
LISF____SOLAR 323691	19.91 1.05 0.00	17.47 1.05 0.00	5.06 0.34 0.00	10.57 0.77 0.00	16.97 0.97 0.00	22.48 1.31 0.00	22.32 1.53 0.00	10.85 0.77 0.00	13.51 0.57 0.00	17.80 0.87 0.00	13.75 0.76 0.00	7.48 0.43 0.00	13.70 0.85 0.00	10.74 0.73 0.00	18.59 1.12 -3.24	26.69 1.94 -3.60	28.40 2.20 -2.03	35.65 2.50 -3.54	36.28 2.52 0.00	45.80 2.88 3.71	36.84 2.28 3.12	25.19 1.56 0.07	15.76 0.96 -4.38	9.76 0.78 -0.91
LITTLE FALLS____HYD 24013	19.13 0.26 0.00	16.73 0.32 0.00	4.80 0.09 0.00	9.99 0.19 0.00	16.24 0.24 0.00	21.45 0.28 0.00	20.99 0.21 0.00	9.95 -0.13 0.00	12.52 -0.42 0.00	16.16 -0.76 0.00	12.40 -0.59 0.00	6.76 -0.29 0.00	12.39 -0.46 0.00	9.70 -0.32 0.00	13.74 -0.49 0.00	20.41 -0.73 0.00	23.62 -0.56 0.00	29.22 -0.39 0.00	33.54 -0.22 0.00	41.62 -0.17 4.85	33.57 -0.03 4.08	23.75 0.13 0.10	10.57 0.16 0.00	8.22 0.16 0.00

LITTLRIV_115KV_TB1 356100	18.61 -0.26 0.00	16.11 -0.31 0.00	4.62 -0.09 0.00	9.60 -0.20 0.00	15.82 -0.17 0.00	21.15 -0.02 0.00	20.91 0.13 0.00	10.13 0.06 0.00	12.96 0.03 0.00	16.91 -0.01 0.00	12.95 -0.04 0.00	7.03 -0.02 0.00	12.73 -0.12 0.00	9.90 -0.11 0.00	14.07 -0.16 0.00	20.92 -0.23 0.00	23.93 -0.24 0.00	29.51 -0.10 0.00	33.93 0.17 0.00	45.67 0.96 1.92	37.07 1.01 1.62	24.23 0.56 0.04	10.42 0.01 0.00	7.95 -0.11 0.00
LI_NEWBRDGE___DRP 323616	20.06 1.20 0.00	17.60 1.19 0.00	5.08 0.37 0.00	10.56 0.76 0.00	16.98 0.99 0.00	22.43 1.26 0.00	22.09 1.30 0.00	10.74 0.67 0.00	13.55 0.61 0.00	17.82 0.90 0.00	13.78 0.79 0.00	7.52 0.47 0.00	13.78 0.93 0.00	10.78 0.76 0.00	17.09 1.12 -1.75	25.56 1.71 -2.71	27.99 1.93 -1.89	35.05 2.14 -3.29	35.92 2.16 0.00	45.39 2.46 3.71	36.56 2.00 3.12	24.98 1.34 0.07	15.31 0.83 -4.08	8.96 0.69 -0.20
LOCKPORT_115KV_TB60_63_64 80432	17.61 -1.26 0.00	15.46 -0.97 0.00	4.47 -0.24 0.00	9.35 -0.45 0.00	15.16 -0.83 0.00	19.83 -1.34 0.00	19.23 -1.55 0.00	9.42 -0.66 0.00	12.31 -0.62 0.00	16.22 -0.70 0.00	12.45 -0.54 0.00	6.75 -0.30 0.00	12.18 -0.67 0.00	9.41 -0.61 0.00	13.47 -0.75 0.00	19.87 -1.27 0.00	22.52 -1.66 0.00	27.49 -2.12 0.00	31.74 -2.02 0.00	40.02 -2.39 4.22	32.16 -1.96 3.55	21.95 -1.50 0.26	4.18 -0.62 5.61	3.36 -0.47 4.24
LOCKPORT___CC1 323769	17.60 -1.27 0.00	15.45 -0.97 0.00	4.47 -0.25 0.00	9.34 -0.46 0.00	15.16 -0.84 0.00	19.81 -1.35 0.00	19.21 -1.57 0.00	9.41 -0.67 0.00	12.30 -0.63 0.00	16.22 -0.71 0.00	12.44 -0.55 0.00	6.75 -0.31 0.00	12.17 -0.68 0.00	9.41 -0.61 0.00	13.47 -0.76 0.00	19.86 -1.28 0.00	22.51 -1.67 0.00	27.51 -2.11 0.00	31.71 -2.05 0.00	40.02 -2.40 4.22	32.15 -1.98 3.55	21.90 -1.54 0.27	3.59 -0.64 6.18	2.92 -0.48 4.67
LOCKPORT___CC2 323770	17.60 -1.27 0.00	15.45 -0.97 0.00	4.47 -0.25 0.00	9.34 -0.46 0.00	15.16 -0.84 0.00	19.81 -1.35 0.00	19.21 -1.57 0.00	9.41 -0.67 0.00	12.30 -0.63 0.00	16.22 -0.71 0.00	12.44 -0.55 0.00	6.75 -0.31 0.00	12.17 -0.68 0.00	9.41 -0.61 0.00	13.47 -0.76 0.00	19.86 -1.28 0.00	22.51 -1.67 0.00	27.51 -2.11 0.00	31.71 -2.05 0.00	40.02 -2.40 4.22	32.15 -1.98 3.55	21.90 -1.54 0.27	3.59 -0.64 6.18	2.92 -0.48 4.67
LOCKPORT___CC3 323771	17.60 -1.27 0.00	15.45 -0.97 0.00	4.47 -0.25 0.00	9.34 -0.46 0.00	15.16 -0.84 0.00	19.81 -1.35 0.00	19.21 -1.57 0.00	9.41 -0.67 0.00	12.30 -0.63 0.00	16.22 -0.71 0.00	12.44 -0.55 0.00	6.75 -0.31 0.00	12.17 -0.68 0.00	9.41 -0.61 0.00	13.47 -0.76 0.00	19.86 -1.28 0.00	22.51 -1.67 0.00	27.51 -2.11 0.00	31.71 -2.05 0.00	40.02 -2.40 4.22	32.15 -1.98 3.55	21.90 -1.54 0.27	3.59 -0.64 6.18	2.92 -0.48 4.67
LOCUSVLY_69_KV_BK2 55797	20.22 1.35 0.00	17.72 1.31 0.00	5.10 0.39 0.00	10.60 0.80 0.00	17.08 1.09 0.00	22.56 1.39 0.00	22.19 1.41 0.00	10.79 0.71 0.00	13.64 0.71 0.00	17.93 1.01 0.00	13.86 0.87 0.00	7.56 0.51 0.00	13.86 1.01 0.00	10.85 0.83 0.00	25.29 1.22 -9.84	30.99 1.83 -8.01	29.38 2.08 -3.12	37.43 2.38 -5.43	36.16 2.41 0.00	45.71 2.78 3.71	36.86 2.30 3.12	25.14 1.50 0.07	18.01 0.87 -6.73	12.68 0.73 -3.88
LONG_LAKE_PHOENIX 24014	18.38 -0.48 0.00	16.05 -0.36 0.00	4.61 -0.10 0.00	9.60 -0.19 0.00	15.66 -0.33 0.00	20.64 -0.53 0.00	20.23 -0.55 0.00	9.79 -0.28 0.00	12.57 -0.37 0.00	16.42 -0.50 0.00	12.62 -0.37 0.00	6.84 -0.21 0.00	12.42 -0.43 0.00	9.67 -0.35 0.00	13.74 -0.48 0.00	20.46 -0.69 0.00	23.40 -0.77 0.00	28.73 -0.88 0.00	32.87 -0.89 0.00	45.76 -1.17 -0.29	36.94 -0.99 -0.25	23.07 -0.64 -0.01	10.16 -0.25 0.00	7.90 -0.17 0.00
LOVETT___3 23632	19.96 1.10 0.00	17.46 1.04 0.00	5.02 0.31 0.00	10.44 0.64 0.00	16.90 0.91 0.00	22.27 1.10 0.00	21.86 1.08 0.00	10.58 0.50 0.00	13.50 0.57 0.00	17.68 0.76 0.00	13.62 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.64 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.89 0.00	35.73 1.97 0.00	45.25 2.29 3.68	36.43 1.85 3.10	24.81 1.17 0.07	11.06 0.65 0.00	8.63 0.56 0.00
LOVETT___4 23642	19.96 1.10 0.00	17.46 1.04 0.00	5.02 0.31 0.00	10.44 0.64 0.00	16.90 0.91 0.00	22.27 1.10 0.00	21.86 1.08 0.00	10.58 0.50 0.00	13.50 0.57 0.00	17.68 0.76 0.00	13.62 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.64 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.89 0.00	35.73 1.97 0.00	45.25 2.29 3.68	36.43 1.85 3.10	24.81 1.17 0.07	11.06 0.65 0.00	8.63 0.56 0.00
LOVETT___5 23593	19.96 1.10 0.00	17.46 1.04 0.00	5.02 0.31 0.00	10.44 0.64 0.00	16.90 0.91 0.00	22.27 1.10 0.00	21.86 1.08 0.00	10.58 0.50 0.00	13.50 0.57 0.00	17.68 0.76 0.00	13.62 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.64 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.89 0.00	35.73 1.97 0.00	45.25 2.29 3.68	36.43 1.85 3.10	24.81 1.17 0.07	11.06 0.65 0.00	8.63 0.56 0.00
LOWER RAQUET___HYD 24057	18.12 -0.74 0.00	15.71 -0.71 0.00	4.51 -0.20 0.00	9.37 -0.43 0.00	15.46 -0.53 0.00	20.65 -0.51 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.67 -0.26 0.00	12.75 -0.24 0.00	6.92 -0.13 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.87 -0.35 0.00	20.63 -0.51 0.00	23.61 -0.57 0.00	29.07 -0.55 0.00	33.28 -0.48 0.00	44.51 -0.17 1.97	35.98 -0.05 1.65	23.55 -0.12 0.04	10.14 -0.27 0.00	7.75 -0.32 0.00
LOWER___HUDSON 24059	19.55 0.68 0.00	17.05 0.63 0.00	4.91 0.19 0.00	10.22 0.42 0.00	16.60 0.61 0.00	21.91 0.75 0.00	21.46 0.67 0.00	10.32 0.24 0.00	13.16 0.22 0.00	17.12 0.20 0.00	13.09 0.10 0.00	7.12 0.07 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.42 0.19 0.00	21.41 0.27 0.00	24.60 0.43 0.00	30.16 0.55 0.00	34.49 0.73 0.00	43.48 0.89 4.05	34.99 0.72 3.41	24.12 0.49 0.08	10.73 0.32 0.00	8.39 0.32 0.00
LOWVILLE_115KV_TB2 356335	18.10 -0.77 0.00	15.93 -0.50 0.00	4.61 -0.11 0.00	9.64 -0.16 0.00	16.08 0.09 0.00	21.39 0.22 0.00	20.88 0.09 0.00	10.03 -0.05 0.00	12.85 -0.09 0.00	16.69 -0.24 0.00	12.79 -0.20 0.00	6.97 -0.08 0.00	12.61 -0.23 0.00	9.81 -0.21 0.00	13.90 -0.32 0.00	20.69 -0.46 0.00	23.74 -0.43 0.00	29.36 -0.25 0.00	33.93 0.17 0.00	44.35 0.81 3.10	35.49 0.41 2.60	23.44 -0.21 0.06	10.29 -0.12 0.00	7.84 -0.23 0.00
LUTHERFT_115KV_GLOB_FND_222 355753	19.70 0.84 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.29 0.49 0.00	16.73 0.73 0.00	22.09 0.92 0.00	21.70 0.91 0.00	10.43 0.35 0.00	13.30 0.37 0.00	17.30 0.37 0.00	13.22 0.23 0.00	7.19 0.15 0.00	13.16 0.31 0.00	10.27 0.26 0.00	14.53 0.30 0.00	21.59 0.44 0.00	24.87 0.69 0.00	30.56 0.94 0.00	34.95 1.19 0.00	44.13 1.59 4.10	35.52 1.29 3.44	24.40 0.78 0.08	10.84 0.43 0.00	8.45 0.38 0.00

LUTHERNY_35_KV_BK2 355980	19.70 0.83 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.29 0.49 0.00	16.71 0.72 0.00	22.08 0.92 0.00	21.70 0.91 0.00	10.42 0.35 0.00	13.31 0.37 0.00	17.30 0.38 0.00	13.23 0.24 0.00	7.19 0.14 0.00	13.16 0.31 0.00	10.27 0.26 0.00	14.54 0.31 0.00	21.61 0.46 0.00	24.89 0.71 0.00	30.58 0.98 0.00	35.00 1.24 0.00	44.18 1.64 4.10	35.52 1.29 3.44	24.40 0.77 0.08	10.84 0.43 0.00	8.45 0.38 0.00
LWR___OSWEGATCHIE_HYD 23850	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
LYONS_FALL_HYD 23570	18.48 -0.38 0.00	16.22 -0.20 0.00	4.68 -0.03 0.00	9.78 -0.02 0.00	16.16 0.16 0.00	21.44 0.27 0.00	20.97 0.19 0.00	10.09 0.01 0.00	12.91 -0.03 0.00	16.79 -0.13 0.00	12.89 -0.10 0.00	7.02 -0.03 0.00	12.73 -0.12 0.00	9.90 -0.12 0.00	14.04 -0.18 0.00	20.91 -0.24 0.00	23.99 -0.18 0.00	29.60 -0.01 0.00	34.08 0.32 0.00	43.89 0.83 3.59	35.16 0.49 3.02	23.65 0.01 0.07	10.41 0.00 0.00	7.98 -0.09 0.00
MADISON___COUNTY_LFGE 323628	19.09 0.23 0.00	16.71 0.29 0.00	4.80 0.09 0.00	10.01 0.21 0.00	16.35 0.36 0.00	21.61 0.45 0.00	21.18 0.39 0.00	10.20 0.13 0.00	13.02 0.08 0.00	16.95 0.03 0.00	13.04 0.05 0.00	7.11 0.06 0.00	12.91 0.06 0.00	10.03 0.02 0.00	14.26 0.03 0.00	21.26 0.11 0.00	24.39 0.22 0.00	30.04 0.43 0.00	34.45 0.69 0.00	44.13 1.17 3.68	35.44 0.86 3.10	24.09 0.45 0.07	10.62 0.21 0.00	8.21 0.14 0.00
MALONE___115KV_TB1 356076	18.83 -0.03 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.75 -0.05 0.00	15.97 -0.02 0.00	21.26 0.09 0.00	20.99 0.21 0.00	10.25 0.17 0.00	13.22 0.28 0.00	17.28 0.36 0.00	13.20 0.21 0.00	7.16 0.11 0.00	13.02 0.17 0.00	10.13 0.11 0.00	14.38 0.16 0.00	21.39 0.24 0.00	24.51 0.33 0.00	30.10 0.49 0.00	34.42 0.66 0.00	46.29 1.26 1.61	37.38 1.05 1.35	24.26 0.58 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
MAPLEWOD_115KV_TB3 80458	19.26 0.39 0.00	16.84 0.42 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.57 0.40 0.00	21.14 0.36 0.00	10.21 0.13 0.00	13.02 0.09 0.00	16.99 0.07 0.00	13.05 0.06 0.00	7.09 0.05 0.00	12.99 0.14 0.00	10.15 0.12 0.00	14.40 0.17 0.00	21.40 0.25 0.00	24.54 0.37 0.00	30.05 0.44 0.00	34.17 0.41 0.00	43.03 0.41 4.02	34.65 0.35 3.38	23.93 0.30 0.08	10.64 0.23 0.00	8.29 0.22 0.00
MAPLE_RIDGE_WT_1 323574	18.52 -0.35 0.00	16.20 -0.22 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.89 -0.10 0.00	21.05 -0.11 0.00	20.61 -0.17 0.00	9.98 -0.10 0.00	12.86 -0.08 0.00	16.84 -0.08 0.00	12.91 -0.09 0.00	7.01 -0.04 0.00	12.80 -0.05 0.00	9.98 -0.04 0.00	14.16 -0.06 0.00	21.04 -0.11 0.00	24.04 -0.14 0.00	29.47 -0.14 0.00	33.61 -0.15 0.00	42.70 -0.23 3.71	34.19 -0.37 3.12	23.26 -0.38 0.07	10.20 -0.21 0.00	7.88 -0.19 0.00
MAPLE_RIDGE_WT_2 323611	18.52 -0.35 0.00	16.20 -0.22 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.89 -0.10 0.00	21.05 -0.11 0.00	20.61 -0.17 0.00	9.98 -0.10 0.00	12.86 -0.08 0.00	16.84 -0.08 0.00	12.91 -0.09 0.00	7.01 -0.04 0.00	12.80 -0.05 0.00	9.98 -0.04 0.00	14.16 -0.06 0.00	21.04 -0.11 0.00	24.04 -0.14 0.00	29.47 -0.14 0.00	33.61 -0.15 0.00	42.70 -0.23 3.71	34.19 -0.37 3.12	23.26 -0.38 0.07	10.20 -0.21 0.00	7.88 -0.19 0.00
MARBLE_RIVER_WT_PWR 323696	18.72 -0.15 0.00	16.23 -0.19 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.13 -0.04 0.00	20.84 0.06 0.00	10.17 0.09 0.00	13.14 0.20 0.00	17.22 0.29 0.00	13.15 0.16 0.00	7.13 0.08 0.00	12.99 0.14 0.00	10.13 0.11 0.00	14.38 0.15 0.00	21.36 0.22 0.00	24.46 0.29 0.00	30.01 0.40 0.00	34.23 0.47 0.00	45.93 0.89 1.61	37.02 0.69 1.35	24.04 0.36 0.03	10.39 -0.02 0.00	7.92 -0.14 0.00
MARSHVLE_115KV_TB1 80742	19.58 0.71 0.00	17.09 0.67 0.00	4.91 0.20 0.00	10.21 0.41 0.00	16.67 0.68 0.00	22.03 0.86 0.00	21.51 0.72 0.00	10.30 0.22 0.00	13.15 0.22 0.00	17.16 0.24 0.00	13.19 0.19 0.00	7.16 0.11 0.00	13.04 0.19 0.00	10.16 0.14 0.00	14.42 0.19 0.00	21.46 0.31 0.00	24.59 0.41 0.00	30.38 0.77 0.00	35.03 1.27 0.00	44.75 2.22 4.12	36.15 1.93 3.46	24.77 1.14 0.08	10.89 0.48 0.00	8.41 0.34 0.00
MARSH_HILL_WT_PWR 323713	18.14 -0.73 0.00	15.99 -0.43 0.00	4.55 -0.16 0.00	9.44 -0.35 0.00	15.45 -0.55 0.00	20.32 -0.85 0.00	19.57 -1.22 0.00	9.47 -0.61 0.00	12.28 -0.66 0.00	16.23 -0.69 0.00	12.57 -0.43 0.00	6.82 -0.23 0.00	12.33 -0.52 0.00	9.54 -0.48 0.00	13.59 -0.64 0.00	20.15 -1.00 0.00	22.92 -1.25 0.00	28.20 -1.42 0.00	32.54 -1.22 0.00	41.66 -1.10 3.88	33.05 -1.36 3.26	22.85 -1.52 -0.66	33.51 -0.72 -23.82	25.47 -0.59 -18.00
MCINTYRE_115KV_TB2 80467	19.02 0.16 0.00	16.45 0.03 0.00	4.71 0.00 0.00	9.78 -0.02 0.00	16.10 0.11 0.00	21.52 0.35 0.00	21.28 0.50 0.00	10.31 0.23 0.00	13.20 0.27 0.00	17.27 0.34 0.00	13.21 0.22 0.00	7.17 0.12 0.00	12.99 0.14 0.00	10.12 0.10 0.00	14.37 0.15 0.00	21.36 0.22 0.00	24.42 0.25 0.00	30.04 0.43 0.00	34.49 0.73 0.00	46.52 1.72 1.83	37.84 1.71 1.54	24.71 1.04 0.04	10.62 0.21 0.00	8.12 0.05 0.00
MECO_____69_KV_BK1 80468	19.79 0.92 0.00	17.27 0.85 0.00	4.96 0.25 0.00	10.32 0.52 0.00	16.83 0.84 0.00	22.24 1.08 0.00	21.75 0.96 0.00	10.37 0.29 0.00	13.09 0.15 0.00	16.96 0.03 0.00	12.98 -0.02 0.00	7.05 0.00 0.00	12.86 0.01 0.00	10.04 0.02 0.00	14.22 -0.01 0.00	21.17 0.02 0.00	24.41 0.24 0.00	30.38 0.76 0.00	35.18 1.42 0.00	45.08 2.56 4.12	36.46 2.25 3.46	25.00 1.37 0.08	11.01 0.60 0.00	8.52 0.45 0.00
MENANDS___115KV_TB5 355628	19.17 0.30 0.00	16.77 0.35 0.00	4.82 0.11 0.00	10.02 0.22 0.00	16.27 0.28 0.00	21.46 0.30 0.00	21.03 0.25 0.00	10.16 0.08 0.00	12.96 0.03 0.00	16.92 0.00 0.00	13.01 0.01 0.00	7.07 0.02 0.00	12.95 0.09 0.00	10.11 0.10 0.00	14.36 0.13 0.00	21.33 0.18 0.00	24.45 0.27 0.00	29.90 0.28 0.00	33.95 0.19 0.00	42.70 0.08 4.02	34.38 0.08 3.38	23.79 0.16 0.08	10.59 0.17 0.00	8.25 0.18 0.00
MG INDUSTRY___DRP 24185	19.22 0.35 0.00	16.82 0.40 0.00	4.83 0.12 0.00	10.05 0.25 0.00	16.33 0.34 0.00	21.55 0.38 0.00	21.08 0.30 0.00	10.15 0.07 0.00	12.95 0.02 0.00	16.91 -0.02 0.00	12.99 0.00 0.00	7.06 0.01 0.00	12.89 0.04 0.00	10.07 0.05 0.00	14.29 0.06 0.00	21.23 0.08 0.00	24.32 0.15 0.00	29.83 0.22 0.00	33.95 0.19 0.00	42.91 0.22 3.95	34.57 0.21 3.32	23.86 0.23 0.08	10.61 0.19 0.00	8.26 0.20 0.00

MID___OSWEGATCHIE_HYD 23849	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
MID___RAQUETTE_HYD 23851	18.12 -0.74 0.00	15.71 -0.71 0.00	4.51 -0.20 0.00	9.37 -0.43 0.00	15.46 -0.53 0.00	20.65 -0.51 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.67 -0.26 0.00	12.76 -0.24 0.00	6.92 -0.13 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.87 -0.35 0.00	20.63 -0.51 0.00	23.61 -0.57 0.00	29.06 -0.55 0.00	33.28 -0.48 0.00	44.51 -0.17 1.97	35.98 -0.05 1.65	23.55 -0.12 0.04	10.14 -0.27 0.00	7.75 -0.32 0.00
MILLIKEN___1 23584	18.89 0.03 0.00	16.54 0.11 0.00	4.75 0.04 0.00	9.90 0.11 0.00	16.12 0.13 0.00	21.25 0.08 0.00	20.79 0.01 0.00	10.06 -0.02 0.00	12.89 -0.04 0.00	16.83 -0.09 0.00	12.92 -0.07 0.00	7.01 -0.04 0.00	12.71 -0.14 0.00	9.89 -0.13 0.00	14.06 -0.16 0.00	20.92 -0.23 0.00	23.97 -0.20 0.00	29.47 -0.15 0.00	33.79 0.03 0.00	43.93 0.30 3.00	35.41 0.26 2.53	23.80 0.08 -0.01	12.66 0.06 -2.20	9.76 0.04 -1.66
MILLIKEN___2 23585	18.89 0.03 0.00	16.54 0.11 0.00	4.75 0.04 0.00	9.90 0.11 0.00	16.12 0.13 0.00	21.25 0.08 0.00	20.79 0.01 0.00	10.06 -0.02 0.00	12.89 -0.04 0.00	16.83 -0.09 0.00	12.92 -0.07 0.00	7.01 -0.04 0.00	12.71 -0.14 0.00	9.89 -0.13 0.00	14.06 -0.16 0.00	20.92 -0.23 0.00	23.97 -0.20 0.00	29.47 -0.15 0.00	33.79 0.03 0.00	43.93 0.30 3.00	35.41 0.26 2.53	23.80 0.08 -0.01	12.66 0.06 -2.20	9.76 0.04 -1.66
MILLIKEN___DIESEL 23629	18.89 0.03 0.00	16.54 0.11 0.00	4.75 0.04 0.00	9.90 0.11 0.00	16.12 0.13 0.00	21.25 0.08 0.00	20.79 0.01 0.00	10.06 -0.02 0.00	12.89 -0.04 0.00	16.83 -0.09 0.00	12.92 -0.07 0.00	7.01 -0.04 0.00	12.71 -0.14 0.00	9.89 -0.13 0.00	14.06 -0.16 0.00	20.92 -0.23 0.00	23.97 -0.20 0.00	29.47 -0.15 0.00	33.79 0.03 0.00	43.93 0.30 3.00	35.41 0.26 2.53	23.80 0.08 -0.01	12.66 0.06 -2.20	9.76 0.04 -1.66
MILLSEAT___LFGE 323607	18.01 -0.86 0.00	15.80 -0.62 0.00	4.56 -0.15 0.00	9.53 -0.26 0.00	15.49 -0.50 0.00	20.30 -0.87 0.00	19.74 -1.04 0.00	9.66 -0.42 0.00	12.57 -0.37 0.00	16.49 -0.43 0.00	12.62 -0.37 0.00	6.83 -0.22 0.00	12.34 -0.51 0.00	9.55 -0.47 0.00	13.68 -0.55 0.00	20.20 -0.95 0.00	22.94 -1.23 0.00	28.11 -1.50 0.00	32.49 -1.26 0.00	41.28 -1.15 4.20	33.26 -0.89 3.53	22.68 -0.80 0.22	5.50 -0.34 4.57	4.35 -0.26 3.45
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	19.99 1.12 0.00	17.48 1.06 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.92 0.93 0.00	22.30 1.14 0.00	21.88 1.10 0.00	10.59 0.52 0.00	13.52 0.58 0.00	17.70 0.78 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.62 0.77 0.00	10.65 0.63 0.00	15.15 0.92 0.00	22.54 1.39 0.00	25.81 1.64 0.00	31.52 1.91 0.00	35.73 1.97 0.00	45.23 2.30 3.71	36.42 1.86 3.12	24.83 1.20 0.07	11.07 0.66 0.00	8.64 0.57 0.00
MILLWOOD_13_KV_LOAD 356217	20.00 1.14 0.00	17.50 1.08 0.00	5.03 0.32 0.00	10.46 0.66 0.00	16.94 0.95 0.00	22.32 1.15 0.00	21.91 1.12 0.00	10.61 0.53 0.00	13.53 0.60 0.00	17.72 0.80 0.00	13.65 0.66 0.00	7.44 0.39 0.00	13.63 0.78 0.00	10.66 0.64 0.00	15.16 0.94 0.00	22.57 1.42 0.00	25.85 1.67 0.00	31.57 1.96 0.00	35.79 2.03 0.00	45.32 2.38 3.71	36.50 1.93 3.12	24.88 1.24 0.07	11.09 0.68 0.00	8.65 0.58 0.00
MODEL_CITY_ENERGY 24167	17.45 -1.41 0.00	15.32 -1.10 0.00	4.43 -0.28 0.00	9.27 -0.53 0.00	15.03 -0.96 0.00	19.65 -1.51 0.00	19.05 -1.73 0.00	9.33 -0.75 0.00	12.21 -0.72 0.00	16.09 -0.83 0.00	12.35 -0.64 0.00	6.70 -0.35 0.00	12.08 -0.77 0.00	9.33 -0.68 0.00	13.36 -0.86 0.00	19.70 -1.45 0.00	22.31 -1.86 0.00	27.25 -2.36 0.00	31.41 -2.35 0.00	39.49 -2.92 4.23	31.71 -2.41 3.56	21.69 -1.76 0.26	3.99 -0.71 5.71	3.22 -0.53 4.31
MODERN_LFGE___ 323580	17.45 -1.41 0.00	15.32 -1.10 0.00	4.43 -0.28 0.00	9.27 -0.53 0.00	15.03 -0.96 0.00	19.65 -1.51 0.00	19.05 -1.73 0.00	9.33 -0.75 0.00	12.21 -0.72 0.00	16.09 -0.83 0.00	12.35 -0.64 0.00	6.70 -0.35 0.00	12.08 -0.77 0.00	9.33 -0.68 0.00	13.36 -0.86 0.00	19.70 -1.45 0.00	22.31 -1.86 0.00	27.25 -2.36 0.00	31.41 -2.35 0.00	39.49 -2.92 4.23	31.71 -2.41 3.56	21.69 -1.76 0.26	3.99 -0.71 5.71	3.22 -0.53 4.31
MOHAWK_PAPER___DRP 24187	19.26 0.39 0.00	16.84 0.42 0.00	4.84 0.13 0.00	10.06 0.26 0.00	16.34 0.35 0.00	21.57 0.40 0.00	21.14 0.36 0.00	10.21 0.13 0.00	13.02 0.09 0.00	16.99 0.07 0.00	13.05 0.06 0.00	7.09 0.05 0.00	12.99 0.14 0.00	10.15 0.12 0.00	14.40 0.17 0.00	21.40 0.25 0.00	24.54 0.37 0.00	30.05 0.44 0.00	34.17 0.41 0.00	43.03 0.41 4.02	34.65 0.35 3.38	23.93 0.30 0.08	10.64 0.23 0.00	8.29 0.22 0.00
MOHICAN___35_KV_115KV_LD 80490	19.83 0.97 0.00	17.30 0.88 0.00	4.97 0.26 0.00	10.35 0.55 0.00	16.82 0.83 0.00	22.19 1.02 0.00	21.90 1.11 0.00	10.50 0.43 0.00	13.39 0.45 0.00	17.39 0.46 0.00	13.26 0.27 0.00	7.23 0.18 0.00	13.22 0.37 0.00	10.31 0.29 0.00	14.49 0.26 0.00	21.50 0.36 0.00	24.88 0.70 0.00	30.52 0.91 0.00	34.96 1.20 0.00	44.31 1.77 4.10	35.74 1.51 3.45	24.42 0.79 0.08	10.86 0.45 0.00	8.45 0.39 0.00
MONGAUP___HYD 23641	19.83 0.96 0.00	17.38 0.96 0.00	5.00 0.29 0.00	10.35 0.55 0.00	16.78 0.78 0.00	22.12 0.95 0.00	21.72 0.94 0.00	10.47 0.40 0.00	13.29 0.36 0.00	17.29 0.36 0.00	13.30 0.31 0.00	7.24 0.19 0.00	13.25 0.40 0.00	10.36 0.34 0.00	14.71 0.49 0.00	21.90 0.75 0.00	25.05 0.88 0.00	30.58 0.97 0.00	35.00 1.24 0.00	44.70 1.65 3.59	36.07 1.42 3.02	24.57 0.93 0.07	11.02 0.61 0.00	8.57 0.50 0.00
MONTAUK___DIESEL 23721	19.74 0.88 0.00	17.35 0.93 0.00	5.01 0.30 0.00	10.81 1.02 0.00	17.24 1.24 0.00	22.98 1.81 0.00	22.93 2.15 0.00	11.11 1.03 0.00	13.83 0.90 0.00	18.31 1.39 0.00	14.17 1.18 0.00	7.71 0.66 0.00	14.13 1.28 0.00	11.08 1.07 0.00	19.08 1.63 -3.23	27.49 2.75 -3.59	29.31 3.11 -2.03	36.75 3.61 -3.54	37.34 3.58 0.00	46.87 3.94 3.71	37.52 2.96 3.12	25.41 1.77 0.07	15.78 0.99 -4.38	9.69 0.72 -0.91
MOONROAD_115KV_HARTFLD_TB1-2 355988	17.83 -1.04 0.00	15.72 -0.70 0.00	4.52 -0.19 0.00	9.51 -0.28 0.00	15.38 -0.61 0.00	20.11 -1.06 0.00	19.58 -1.20 0.00	9.57 -0.51 0.00	12.51 -0.42 0.00	16.67 -0.25 0.00	12.96 -0.04 0.00	7.01 -0.04 0.00	12.69 -0.17 0.00	9.81 -0.20 0.00	14.02 -0.20 0.00	20.71 -0.43 0.00	23.37 -0.80 0.00	28.61 -1.00 0.00	33.08 -0.68 0.00	41.96 -0.49 4.20	33.12 -1.03 3.53	22.06 -1.43 0.22	5.40 -0.64 4.38	4.23 -0.53 3.30

MORRIS_RIDGE___SOLAR 323848	17.99 -0.88 0.00	15.84 -0.58 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.43 -0.56 0.00	20.22 -0.95 0.00	19.59 -1.20 0.00	9.48 -0.59 0.00	12.26 -0.67 0.00	16.13 -0.79 0.00	12.44 -0.55 0.00	6.73 -0.32 0.00	12.18 -0.67 0.00	9.43 -0.59 0.00	13.45 -0.78 0.00	19.94 -1.21 0.00	22.68 -1.49 0.00	27.88 -1.73 0.00	32.17 -1.59 0.00	41.02 -1.58 4.03	32.77 -1.52 3.39	21.00 -1.46 1.25	-27.78 -0.64 37.55	-20.80 -0.50 28.37
MORTIMER_115KV_TB3 55949	18.17 -0.70 0.00	15.90 -0.52 0.00	4.58 -0.13 0.00	9.57 -0.23 0.00	15.56 -0.44 0.00	20.43 -0.73 0.00	19.93 -0.85 0.00	9.71 -0.36 0.00	12.60 -0.34 0.00	16.54 -0.38 0.00	12.70 -0.29 0.00	6.87 -0.18 0.00	12.47 -0.38 0.00	9.68 -0.34 0.00	13.82 -0.40 0.00	20.48 -0.67 0.00	23.33 -0.85 0.00	28.59 -1.02 0.00	32.88 -0.88 0.00	41.67 -0.83 4.13	33.46 -0.74 3.48	22.94 -0.65 0.12	8.96 -0.31 1.15	6.98 -0.22 0.87
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	20.09 1.22 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.03 1.03 0.00	22.43 1.26 0.00	22.02 1.23 0.00	10.67 0.59 0.00	13.60 0.67 0.00	17.83 0.91 0.00	13.75 0.75 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.27 1.05 0.00	22.74 1.59 0.00	26.04 1.86 0.00	31.76 2.15 0.00	35.93 2.18 0.00	45.46 2.53 3.71	36.63 2.08 3.12	24.98 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
MUNSVILLE_WIND_PWR 323609	19.86 1.00 0.00	17.33 0.91 0.00	4.98 0.27 0.00	10.35 0.56 0.00	16.92 0.93 0.00	22.31 1.14 0.00	21.78 0.99 0.00	10.53 0.45 0.00	13.37 0.43 0.00	17.41 0.49 0.00	13.37 0.38 0.00	7.27 0.22 0.00	13.17 0.31 0.00	10.23 0.21 0.00	14.54 0.32 0.00	21.82 0.67 0.00	25.18 1.00 0.00	31.25 1.64 0.00	35.88 2.12 0.00	46.03 3.23 3.83	36.92 2.47 3.22	24.76 1.08 0.03	12.30 0.35 -1.53	9.38 0.16 -1.16
N SALMON___HYD 24042	18.83 -0.03 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.75 -0.05 0.00	15.97 -0.02 0.00	21.26 0.09 0.00	20.99 0.21 0.00	10.25 0.17 0.00	13.22 0.28 0.00	17.28 0.36 0.00	13.20 0.21 0.00	7.16 0.11 0.00	13.02 0.17 0.00	10.13 0.11 0.00	14.39 0.16 0.00	21.39 0.24 0.00	24.51 0.33 0.00	30.10 0.49 0.00	34.42 0.66 0.00	46.29 1.25 1.61	37.38 1.05 1.35	24.26 0.58 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
N.AKRON__115KV_KNAPP 355671	17.97 -0.89 0.00	15.77 -0.66 0.00	4.55 -0.16 0.00	9.52 -0.28 0.00	15.46 -0.54 0.00	20.25 -0.92 0.00	19.68 -1.10 0.00	9.63 -0.45 0.00	12.55 -0.38 0.00	16.48 -0.44 0.00	12.63 -0.37 0.00	6.83 -0.22 0.00	12.35 -0.50 0.00	9.56 -0.46 0.00	13.68 -0.54 0.00	20.20 -0.95 0.00	22.92 -1.26 0.00	28.05 -1.56 0.00	32.43 -1.33 0.00	41.14 -1.29 4.21	33.12 -1.02 3.54	22.59 -0.88 0.23	5.14 -0.37 4.89	4.08 -0.29 3.70
N.E_GEN_SANDY PD 24062	21.72 1.26 -1.59	21.25 1.15 -3.68	7.79 0.35 -2.73	17.46 0.74 -6.92	21.90 1.09 -4.82	25.56 1.36 -3.03	25.93 1.25 -3.89	25.83 0.49 -15.26	20.04 0.55 -6.55	17.55 0.62 0.00	13.41 0.41 0.00	7.29 0.24 0.00	13.36 0.52 0.00	10.47 0.45 0.00	14.83 0.60 0.00	22.03 0.89 0.00	25.28 1.11 0.00	30.87 1.34 0.08	35.42 1.66 0.00	44.81 2.03 3.85	36.01 1.59 3.25	28.37 1.06 -3.61	18.06 0.60 -7.05	-40.38 0.59 49.04
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	20.02 1.15 0.00	17.51 1.09 0.00	5.03 0.32 0.00	10.46 0.66 0.00	16.94 0.94 0.00	22.32 1.16 0.00	21.91 1.13 0.00	10.60 0.53 0.00	13.53 0.60 0.00	17.73 0.81 0.00	13.67 0.67 0.00	7.44 0.39 0.00	13.65 0.80 0.00	10.68 0.66 0.00	15.20 0.97 0.00	22.62 1.47 0.00	25.91 1.74 0.00	31.65 2.04 0.00	35.89 2.14 0.00	45.48 2.51 3.68	36.59 2.00 3.09	24.91 1.27 0.07	11.10 0.69 0.00	8.65 0.58 0.00
N.QUEENS_27_KV_LOAD 356247	20.17 1.31 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.37 1.21 0.01	22.00 1.22 0.00	10.64 0.57 0.00	13.56 0.63 0.00	17.81 0.89 0.00	13.72 0.73 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.74 1.59 0.00	26.12 1.94 0.00	31.79 2.18 0.00	35.92 2.16 0.00	45.49 2.57 3.71	36.70 2.14 3.12	25.15 1.51 0.07	11.19 0.78 0.00	8.71 0.65 0.00
N.TROY___115KV_TB1 355778	19.55 0.68 0.00	17.05 0.63 0.00	4.91 0.19 0.00	10.22 0.42 0.00	16.60 0.61 0.00	21.91 0.75 0.00	21.46 0.68 0.00	10.32 0.24 0.00	13.16 0.22 0.00	17.12 0.20 0.00	13.09 0.10 0.00	7.12 0.07 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.42 0.19 0.00	21.41 0.27 0.00	24.60 0.43 0.00	30.16 0.55 0.00	34.49 0.73 0.00	43.48 0.90 4.05	34.99 0.72 3.41	24.13 0.50 0.08	10.73 0.32 0.00	8.39 0.32 0.00
NARROWS_GT1_1 24228	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_2 24229	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_3 24230	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_4 24231	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_5 24232	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00

NARROWS_GT1_6 24233	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_7 24234	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT1_8 24235	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_1 24236	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_2 24237	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_3 24238	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_4 24239	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_5 24240	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_6 24241	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_7 24242	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NARROWS_GT2_8 24243	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.35 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.52 2.60 3.71	36.73 2.17 3.12	25.09 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	19.60 0.73 0.00	17.12 0.70 0.00	4.92 0.21 0.00	10.23 0.44 0.00	16.63 0.64 0.00	21.97 0.80 0.00	21.52 0.73 0.00	10.36 0.28 0.00	13.17 0.23 0.00	17.12 0.20 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.99 0.14 0.00	10.15 0.13 0.00	14.42 0.19 0.00	21.43 0.29 0.00	24.64 0.46 0.00	30.31 0.70 0.00	34.62 0.87 0.00	44.05 1.32 3.91	35.54 1.14 3.28	24.45 0.81 0.08	10.84 0.43 0.00	8.42 0.35 0.00
NCHELSEA_115KV_TR2 355582	20.13 1.26 0.00	17.60 1.18 0.00	5.06 0.35 0.00	10.52 0.72 0.00	17.05 1.06 0.00	22.48 1.31 0.00	22.07 1.29 0.00	10.68 0.60 0.00	13.61 0.68 0.00	17.79 0.87 0.00	13.70 0.71 0.00	7.45 0.40 0.00	13.66 0.81 0.00	10.69 0.67 0.00	15.20 0.97 0.00	22.63 1.49 0.00	25.96 1.78 0.00	31.78 2.16 0.00	36.10 2.34 0.00	45.82 2.89 3.70	36.87 2.31 3.11	25.10 1.46 0.07	11.18 0.77 0.00	8.70 0.64 0.00
NEG CAPITAL____MECHNVIL 23645	19.74 0.88 0.00	17.22 0.80 0.00	4.95 0.24 0.00	10.31 0.51 0.00	16.75 0.76 0.00	22.13 0.96 0.00	21.72 0.94 0.00	10.45 0.37 0.00	13.32 0.39 0.00	17.32 0.40 0.00	13.25 0.26 0.00	7.20 0.15 0.00	13.18 0.33 0.00	10.30 0.28 0.00	14.57 0.34 0.00	21.66 0.51 0.00	24.94 0.77 0.00	30.65 1.04 0.00	35.08 1.32 0.00	44.31 1.75 4.09	35.65 1.41 3.43	24.48 0.85 0.08	10.87 0.46 0.00	8.47 0.40 0.00
NEG CENTRAL_HIGH_ACRES 23767	18.00 -0.87 0.00	15.75 -0.67 0.00	4.53 -0.18 0.00	9.47 -0.33 0.00	15.39 -0.60 0.00	20.25 -0.92 0.00	19.78 -1.00 0.00	9.61 -0.47 0.00	12.44 -0.50 0.00	16.31 -0.61 0.00	12.52 -0.47 0.00	6.78 -0.27 0.00	12.30 -0.55 0.00	9.56 -0.46 0.00	13.64 -0.58 0.00	20.22 -0.92 0.00	23.10 -1.08 0.00	28.35 -1.27 0.00	32.58 -1.18 0.00	41.44 -1.35 3.85	33.28 -1.16 3.24	22.68 -0.92 0.11	8.94 -0.44 1.02	6.98 -0.31 0.77



NEG CENTRAL___DRP 24199	18.50 -0.37 0.00	16.20 -0.22 0.00	4.65 -0.06 0.00	9.70 -0.09 0.00	15.80 -0.19 0.00	20.81 -0.35 0.00	20.37 -0.42 0.00	9.92 -0.16 0.00	12.75 -0.19 0.00	16.67 -0.25 0.00	12.83 -0.16 0.00	6.95 -0.10 0.00	12.59 -0.26 0.00	9.79 -0.23 0.00	13.93 -0.29 0.00	20.69 -0.45 0.00	23.68 -0.49 0.00	29.11 -0.51 0.00	33.39 -0.37 0.00	44.74 -0.38 1.51	36.07 -0.33 1.27	23.52 -0.31 -0.12	15.16 -0.11 -4.86	11.64 -0.10 -3.67
NEG CENTRAL___INDECK 23768	18.60 -0.27 0.00	16.32 -0.10 0.00	4.68 -0.03 0.00	9.77 -0.03 0.00	15.90 -0.09 0.00	20.91 -0.26 0.00	20.37 -0.41 0.00	9.86 -0.21 0.00	12.67 -0.26 0.00	16.58 -0.34 0.00	12.77 -0.22 0.00	6.91 -0.14 0.00	12.51 -0.34 0.00	9.68 -0.34 0.00	13.75 -0.48 0.00	20.08 -1.07 0.00	22.68 -1.49 0.00	27.92 -1.69 0.00	32.22 -1.54 0.00	41.35 -1.31 3.99	33.41 -0.91 3.35	23.49 -0.89 -0.67	34.12 -0.29 -23.99	26.04 -0.15 -18.12
NEG CENTRAL___SENECA 23627	18.49 -0.38 0.00	16.21 -0.21 0.00	4.65 -0.06 0.00	9.71 -0.09 0.00	15.81 -0.19 0.00	20.80 -0.37 0.00	20.34 -0.45 0.00	9.95 -0.13 0.00	12.79 -0.15 0.00	16.72 -0.20 0.00	12.88 -0.11 0.00	6.97 -0.08 0.00	12.62 -0.23 0.00	9.80 -0.21 0.00	13.95 -0.28 0.00	20.72 -0.42 0.00	23.70 -0.48 0.00	29.18 -0.43 0.00	33.49 -0.27 0.00	44.17 -0.28 2.20	35.59 -0.24 1.85	23.63 -0.28 -0.20	18.20 -0.10 -7.89	13.92 -0.10 -5.96
NEG CENTRAL___STATE_STREET 24147	18.65 -0.22 0.00	16.32 -0.10 0.00	4.70 -0.01 0.00	9.80 0.00 0.00	15.96 -0.04 0.00	21.04 -0.13 0.00	20.58 -0.20 0.00	9.97 -0.11 0.00	12.79 -0.14 0.00	16.73 -0.19 0.00	12.84 -0.15 0.00	6.96 -0.09 0.00	12.62 -0.23 0.00	9.82 -0.20 0.00	13.98 -0.24 0.00	20.73 -0.42 0.00	23.79 -0.39 0.00	29.15 -0.47 0.00	33.42 -0.34 0.00	45.14 -0.20 1.30	36.44 -0.14 1.10	23.58 -0.15 -0.02	11.91 -0.05 -1.55	9.19 -0.05 -1.17
NEG MILLWOOD___DRP 24198	20.16 1.29 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.06 1.07 0.00	22.50 1.33 0.00	22.10 1.31 0.00	10.70 0.62 0.00	13.65 0.71 0.00	17.85 0.92 0.00	13.73 0.74 0.00	7.47 0.42 0.00	13.69 0.85 0.00	10.72 0.70 0.00	15.26 1.03 0.00	22.70 1.55 0.00	26.02 1.84 0.00	31.81 2.20 0.00	36.12 2.37 0.00	45.81 2.89 3.72	36.88 2.33 3.13	25.11 1.48 0.07	11.18 0.77 0.00	8.71 0.64 0.00
NEG NORTH_FLCN_SEA 23793	18.89 0.03 0.00	16.39 -0.03 0.00	4.69 -0.02 0.00	9.78 -0.02 0.00	16.02 0.03 0.00	21.30 0.13 0.00	21.02 0.24 0.00	10.25 0.17 0.00	13.24 0.30 0.00	17.35 0.43 0.00	13.24 0.25 0.00	7.19 0.14 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.49 0.26 0.00	21.54 0.39 0.00	24.69 0.52 0.00	30.31 0.69 0.00	34.56 0.80 0.00	46.44 1.41 1.61	37.42 1.09 1.35	24.31 0.63 0.03	10.49 0.08 0.00	7.99 -0.08 0.00
NEG NORTH_KES_CHATEGAY 23792	18.72 -0.14 0.00	16.24 -0.18 0.00	4.65 -0.06 0.00	9.69 -0.11 0.00	15.89 -0.10 0.00	21.13 -0.04 0.00	20.83 0.05 0.00	10.16 0.08 0.00	13.11 0.18 0.00	17.19 0.26 0.00	13.13 0.14 0.00	7.12 0.07 0.00	12.96 0.11 0.00	10.11 0.09 0.00	14.34 0.12 0.00	21.32 0.18 0.00	24.41 0.23 0.00	29.94 0.33 0.00	34.17 0.41 0.00	45.89 0.85 1.61	37.04 0.71 1.35	24.06 0.38 0.03	10.40 -0.01 0.00	7.93 -0.13 0.00
NEG NORTH___ALICE_FALLS 23915	18.83 -0.04 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.97 -0.02 0.00	21.25 0.08 0.00	20.97 0.18 0.00	10.20 0.12 0.00	13.12 0.19 0.00	17.18 0.26 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.09 0.07 0.00	14.32 0.10 0.00	21.30 0.16 0.00	24.40 0.22 0.00	29.97 0.36 0.00	34.28 0.53 0.00	46.27 1.24 1.61	37.39 1.07 1.35	24.28 0.60 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
NEG NORTH___LWR_SARANAC 23913	18.83 -0.04 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.97 -0.02 0.00	21.25 0.08 0.00	20.97 0.18 0.00	10.20 0.12 0.00	13.12 0.19 0.00	17.18 0.26 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.09 0.07 0.00	14.32 0.10 0.00	21.30 0.16 0.00	24.40 0.22 0.00	29.97 0.36 0.00	34.28 0.53 0.00	46.27 1.24 1.61	37.39 1.07 1.35	24.28 0.60 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
NEG NORTH___PLATTSBURG 23628	18.83 -0.04 0.00	16.32 -0.10 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.97 -0.02 0.00	21.25 0.08 0.00	20.97 0.18 0.00	10.20 0.12 0.00	13.12 0.19 0.00	17.18 0.26 0.00	13.11 0.12 0.00	7.11 0.06 0.00	12.95 0.10 0.00	10.09 0.07 0.00	14.32 0.10 0.00	21.30 0.15 0.00	24.40 0.22 0.00	29.97 0.36 0.00	34.28 0.53 0.00	46.27 1.24 1.61	37.39 1.07 1.35	24.28 0.60 0.03	10.47 0.06 0.00	7.98 -0.09 0.00
NEG WEST_LEA_LOCKPORT 23791	17.60 -1.26 0.00	15.45 -0.97 0.00	4.47 -0.25 0.00	9.34 -0.46 0.00	15.16 -0.84 0.00	19.81 -1.35 0.00	19.21 -1.57 0.00	9.41 -0.67 0.00	12.30 -0.63 0.00	16.22 -0.71 0.00	12.45 -0.55 0.00	6.75 -0.31 0.00	12.17 -0.68 0.00	9.41 -0.61 0.00	13.47 -0.76 0.00	19.86 -1.28 0.00	22.51 -1.67 0.00	27.48 -2.13 0.00	31.71 -2.04 0.00	40.02 -2.40 4.22	32.14 -1.99 3.55	21.91 -1.53 0.27	3.58 -0.65 6.18	2.92 -0.48 4.67
NEG WEST___LANCASTR 23811	18.02 -0.84 0.00	15.85 -0.57 0.00	4.56 -0.15 0.00	9.54 -0.25 0.00	15.50 -0.49 0.00	20.28 -0.89 0.00	19.73 -1.05 0.00	9.63 -0.45 0.00	12.58 -0.35 0.00	16.55 -0.37 0.00	12.73 -0.27 0.00	6.88 -0.17 0.00	12.46 -0.39 0.00	9.65 -0.37 0.00	13.79 -0.43 0.00	20.39 -0.75 0.00	23.12 -1.05 0.00	28.29 -1.33 0.00	32.56 -1.20 0.00	41.20 -1.24 4.20	32.99 -1.16 3.53	22.42 -1.04 0.25	4.51 -0.45 5.44	3.63 -0.33 4.11
NEG_PENN_ALLEGHNY 23528	18.73 -0.14 0.00	16.44 0.02 0.00	4.72 0.01 0.00	9.83 0.03 0.00	15.99 0.00 0.00	21.03 -0.14 0.00	20.56 -0.22 0.00	9.95 -0.13 0.00	12.78 -0.16 0.00	16.71 -0.21 0.00	12.87 -0.12 0.00	6.98 -0.07 0.00	12.74 -0.11 0.00	9.92 -0.10 0.00	14.10 -0.12 0.00	20.97 -0.17 0.00	23.95 -0.23 0.00	29.38 -0.23 0.00	33.54 -0.21 0.00	42.30 -0.23 4.10	33.92 -0.31 3.45	23.34 -0.29 0.08	10.34 -0.06 0.00	8.03 -0.04 0.00
NEG___GEN_MONROE 24207	18.25 -0.62 0.00	15.98 -0.44 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.54 -0.63 0.00	20.03 -0.76 0.00	9.77 -0.31 0.00	12.66 -0.28 0.00	16.60 -0.32 0.00	12.72 -0.26 0.00	6.89 -0.16 0.00	12.48 -0.37 0.00	9.69 -0.33 0.00	13.83 -0.39 0.00	20.49 -0.65 0.00	23.35 -0.83 0.00	28.63 -0.99 0.00	32.99 -0.77 0.00	41.92 -0.58 4.14	33.72 -0.47 3.48	23.10 -0.49 0.12	8.85 -0.23 1.33	6.89 -0.17 1.00
NEPA___ENERGY 23901	18.06 -0.80 0.00	15.96 -0.46 0.00	4.58 -0.13 0.00	9.59 -0.21 0.00	15.57 -0.43 0.00	20.34 -0.83 0.00	19.73 -1.06 0.00	9.61 -0.47 0.00	12.55 -0.38 0.00	16.55 -0.37 0.00	12.79 -0.20 0.00	6.91 -0.13 0.00	12.58 -0.27 0.00	9.75 -0.26 0.00	13.91 -0.32 0.00	20.58 -0.57 0.00	23.30 -0.87 0.00	28.52 -1.09 0.00	32.75 -1.01 0.00	41.36 -1.07 4.21	32.92 -1.22 3.54	22.33 -1.13 0.24	4.79 -0.43 5.18	3.81 -0.34 3.91

NEVERSINK___HYD 23608	19.53 0.66 0.00	17.06 0.64 0.00	4.91 0.20 0.00	10.21 0.41 0.00	16.55 0.56 0.00	21.81 0.64 0.00	21.43 0.65 0.00	10.38 0.30 0.00	13.23 0.29 0.00	17.26 0.34 0.00	13.28 0.28 0.00	7.22 0.17 0.00	13.21 0.36 0.00	10.33 0.31 0.00	14.67 0.45 0.00	21.87 0.73 0.00	25.23 1.05 0.00	30.96 1.35 0.00	35.25 1.49 0.00	44.92 1.82 3.54	36.19 1.49 2.98	24.58 0.94 0.07	10.93 0.52 0.00	8.50 0.43 0.00
NEWKRMKL_115KV_TB1 55635	19.11 0.24 0.00	16.73 0.31 0.00	4.81 0.10 0.00	9.99 0.19 0.00	16.22 0.23 0.00	21.41 0.24 0.00	20.97 0.19 0.00	10.13 0.05 0.00	12.93 -0.01 0.00	16.87 -0.05 0.00	12.97 -0.03 0.00	7.05 0.00 0.00	12.91 0.06 0.00	10.08 0.06 0.00	14.32 0.10 0.00	21.28 0.14 0.00	24.39 0.22 0.00	29.85 0.23 0.00	33.86 0.10 0.00	42.60 -0.03 4.01	34.30 -0.01 3.37	23.74 0.11 0.08	10.56 0.15 0.00	8.22 0.15 0.00
NEWTON___FALLS_HYD 23847	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
NGRID_A1_DSASP 323792	17.31 -1.56 0.00	15.20 -1.22 0.00	4.41 -0.30 0.00	9.25 -0.54 0.00	15.00 -0.99 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.18 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.28 -1.90 0.00	27.07 -2.54 0.00	31.15 -2.61 0.00	39.19 -3.19 4.26	31.54 -2.56 3.58	21.55 -1.90 0.26	3.92 -0.81 5.68	3.18 -0.59 4.29
NGRID_A2_DSASP 323793	17.31 -1.56 0.00	15.20 -1.22 0.00	4.41 -0.30 0.00	9.25 -0.54 0.00	15.00 -0.99 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.18 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.28 -1.90 0.00	27.07 -2.54 0.00	31.15 -2.61 0.00	39.19 -3.19 4.26	31.54 -2.56 3.58	21.55 -1.90 0.26	3.92 -0.81 5.68	3.18 -0.59 4.29
NGRID_A4_DSASP 323807	17.31 -1.56 0.00	15.20 -1.22 0.00	4.41 -0.30 0.00	9.25 -0.54 0.00	15.00 -0.99 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.18 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.28 -1.90 0.00	27.07 -2.54 0.00	31.15 -2.61 0.00	39.19 -3.19 4.26	31.54 -2.56 3.58	21.55 -1.90 0.26	3.92 -0.81 5.68	3.18 -0.59 4.29
NIAGARA_115E_LBMP 323715	17.36 -1.50 0.00	15.25 -1.17 0.00	4.41 -0.30 0.00	9.22 -0.58 0.00	14.96 -1.03 0.00	19.56 -1.61 0.00	18.95 -1.83 0.00	9.28 -0.80 0.00	12.15 -0.78 0.00	16.02 -0.90 0.00	12.30 -0.69 0.00	6.67 -0.38 0.00	12.03 -0.82 0.00	9.30 -0.72 0.00	13.30 -0.92 0.00	19.61 -1.54 0.00	22.20 -1.97 0.00	27.10 -2.50 0.00	31.24 -2.53 0.00	39.18 -3.23 4.24	31.48 -2.64 3.56	21.55 -1.90 0.26	3.90 -0.75 5.76	3.15 -0.57 4.35
NIAGARA_115W_LBMP 323714	17.27 -1.59 0.00	15.17 -1.25 0.00	4.40 -0.31 0.00	9.24 -0.56 0.00	14.98 -1.01 0.00	19.57 -1.60 0.00	18.96 -1.82 0.00	9.28 -0.80 0.00	12.16 -0.77 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.67 -0.38 0.00	12.05 -0.80 0.00	9.32 -0.70 0.00	13.33 -0.89 0.00	19.66 -1.49 0.00	22.24 -1.93 0.00	27.02 -2.59 0.00	31.08 -2.68 0.00	39.08 -3.30 4.26	31.47 -2.63 3.58	21.51 -1.94 0.26	3.94 -0.82 5.65	3.20 -0.60 4.27
NIAGARA_230_LBMP 323716	17.45 -1.41 0.00	15.33 -1.09 0.00	4.43 -0.28 0.00	9.28 -0.52 0.00	15.05 -0.95 0.00	19.66 -1.50 0.00	19.06 -1.72 0.00	9.32 -0.76 0.00	12.21 -0.73 0.00	16.10 -0.82 0.00	12.36 -0.63 0.00	6.69 -0.36 0.00	12.09 -0.76 0.00	9.35 -0.67 0.00	13.38 -0.84 0.00	19.74 -1.41 0.00	22.34 -1.83 0.00	27.29 -2.32 0.00	31.41 -2.34 0.00	39.61 -2.76 4.27	31.78 -2.30 3.59	21.72 -1.73 0.25	4.22 -0.77 5.43	3.41 -0.56 4.10
NIAGARA___115KV_198_GIBSON 55903	17.28 -1.59 0.00	15.17 -1.25 0.00	4.40 -0.31 0.00	9.24 -0.55 0.00	14.98 -1.01 0.00	19.57 -1.60 0.00	18.96 -1.82 0.00	9.28 -0.80 0.00	12.16 -0.77 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.67 -0.38 0.00	12.05 -0.80 0.00	9.32 -0.70 0.00	13.33 -0.89 0.00	19.65 -1.49 0.00	22.24 -1.93 0.00	27.00 -2.61 0.00	31.08 -2.68 0.00	39.16 -3.22 4.26	31.46 -2.63 3.58	21.51 -1.94 0.26	3.93 -0.83 5.65	3.19 -0.60 4.27
NIAGARA____ 23760	17.45 -1.41 0.00	15.33 -1.09 0.00	4.43 -0.28 0.00	9.28 -0.52 0.00	15.05 -0.95 0.00	19.66 -1.50 0.00	19.06 -1.72 0.00	9.32 -0.76 0.00	12.21 -0.73 0.00	16.10 -0.82 0.00	12.36 -0.63 0.00	6.69 -0.36 0.00	12.09 -0.76 0.00	9.35 -0.67 0.00	13.38 -0.84 0.00	19.74 -1.41 0.00	22.34 -1.83 0.00	27.29 -2.32 0.00	31.41 -2.34 0.00	39.62 -2.76 4.26	31.80 -2.30 3.58	21.72 -1.73 0.25	4.15 -0.77 5.50	3.36 -0.56 4.15
NINE_MILE_1 23575	18.24 -0.63 0.00	15.93 -0.49 0.00	4.58 -0.13 0.00	9.53 -0.27 0.00	15.53 -0.47 0.00	20.47 -0.70 0.00	20.05 -0.73 0.00	9.71 -0.36 0.00	12.47 -0.46 0.00	16.31 -0.61 0.00	12.52 -0.47 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.62 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.45 -1.16 0.00	32.51 -1.25 0.00	31.29 -1.67 13.68	24.81 -1.37 11.50	22.57 -0.87 0.27	10.06 -0.35 0.00	7.83 -0.23 0.00
NINE_MILE_2 23744	18.24 -0.63 0.00	15.93 -0.49 0.00	4.58 -0.13 0.00	9.53 -0.26 0.00	15.53 -0.46 0.00	20.47 -0.70 0.00	20.05 -0.73 0.00	9.71 -0.36 0.00	12.47 -0.46 0.00	16.31 -0.61 0.00	12.52 -0.47 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.62 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.45 -1.16 0.00	32.51 -1.25 0.00	31.15 -1.67 13.82	24.69 -1.37 11.62	22.57 -0.87 0.27	10.06 -0.35 0.00	7.83 -0.23 0.00
NM_CAPITAL___DRP 24208	19.14 0.27 0.00	16.74 0.32 0.00	4.81 0.10 0.00	10.00 0.20 0.00	16.24 0.25 0.00	21.43 0.26 0.00	20.99 0.21 0.00	10.14 0.06 0.00	12.94 0.01 0.00	16.89 -0.03 0.00	12.98 -0.01 0.00	7.06 0.01 0.00	12.93 0.08 0.00	10.10 0.07 0.00	14.34 0.11 0.00	21.29 0.15 0.00	24.40 0.23 0.00	29.84 0.23 0.00	33.87 0.11 0.00	42.61 -0.02 4.00	34.30 0.00 3.37	23.74 0.11 0.08	10.57 0.15 0.00	8.23 0.17 0.00
NM_CENTRAL___DRP 24181	18.60 -0.26 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.85 -0.14 0.00	20.86 -0.30 0.00	20.44 -0.34 0.00	9.89 -0.18 0.00	12.70 -0.23 0.00	16.60 -0.33 0.00	12.79 -0.21 0.00	6.93 -0.12 0.00	12.61 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.38 0.00	23.75 -0.42 0.00	29.15 -0.46 0.00	33.34 -0.42 0.00	43.51 -0.50 2.63	35.02 -0.45 2.21	23.32 -0.34 0.05	10.30 -0.11 0.00	8.00 -0.07 0.00

NM_FRONTIER___DRP 24179	17.28 -1.59 0.00	15.17 -1.25 0.00	4.40 -0.31 0.00	9.24 -0.55 0.00	14.98 -1.01 0.00	19.57 -1.60 0.00	18.96 -1.82 0.00	9.28 -0.80 0.00	12.16 -0.77 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.67 -0.38 0.00	12.05 -0.80 0.00	9.32 -0.70 0.00	13.33 -0.89 0.00	19.65 -1.49 0.00	22.24 -1.93 0.00	27.00 -2.61 0.00	31.08 -2.68 0.00	39.16 -3.22 4.26	31.46 -2.63 3.58	21.51 -1.94 0.26	3.93 -0.83 5.65	3.19 -0.60 4.27
NM_ST_REGIS___HYD 24053	18.87 0.01 0.00	16.35 -0.06 0.00	4.68 -0.03 0.00	9.77 -0.03 0.00	16.02 0.03 0.00	21.32 0.15 0.00	21.04 0.26 0.00	10.27 0.20 0.00	13.24 0.31 0.00	17.28 0.36 0.00	13.21 0.21 0.00	7.16 0.11 0.00	13.02 0.17 0.00	10.13 0.11 0.00	14.38 0.16 0.00	21.40 0.26 0.00	24.51 0.33 0.00	30.13 0.52 0.00	34.47 0.71 0.00	46.39 1.36 1.61	37.49 1.16 1.35	24.33 0.65 0.03	10.49 0.09 0.00	8.01 -0.06 0.00
NORTHPORT___1 23551	20.07 1.21 0.00	17.65 1.23 0.00	5.10 0.39 0.00	10.63 0.83 0.00	17.05 1.06 0.00	22.56 1.39 0.00	22.24 1.46 0.00	10.84 0.76 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.84 0.85 0.00	7.56 0.51 0.00	13.84 0.99 0.00	10.84 0.82 0.00	18.37 1.22 -2.93	26.46 1.90 -3.42	28.26 2.08 -2.00	35.34 2.24 -3.49	35.94 2.18 0.00	45.37 2.45 3.71	36.54 1.99 3.12	25.00 1.37 0.07	15.62 0.89 -4.32	9.59 0.76 -0.76
NORTHPORT___2 23552	20.07 1.21 0.00	17.65 1.23 0.00	5.10 0.39 0.00	10.63 0.83 0.00	17.05 1.06 0.00	22.56 1.39 0.00	22.24 1.46 0.00	10.84 0.76 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.84 0.85 0.00	7.56 0.51 0.00	13.84 0.99 0.00	10.84 0.82 0.00	18.37 1.22 -2.93	26.46 1.90 -3.42	28.26 2.08 -2.00	35.34 2.24 -3.49	35.94 2.18 0.00	45.37 2.45 3.71	36.54 1.99 3.12	25.00 1.37 0.07	15.62 0.89 -4.32	9.59 0.76 -0.76
NORTHPORT___3 23553	19.08 0.22 0.00	16.82 0.40 0.00	4.96 0.24 0.00	10.48 0.68 0.00	16.82 0.83 0.00	22.22 1.05 0.00	21.89 1.11 0.00	10.67 0.60 0.00	13.39 0.46 0.00	17.59 0.67 0.00	13.63 0.64 0.00	7.45 0.41 0.00	13.66 0.81 0.00	10.70 0.68 0.00	18.17 1.01 -2.94	26.17 1.59 -3.44	27.90 1.70 -2.02	34.93 1.80 -3.52	35.44 1.68 0.00	44.67 1.74 3.71	35.97 1.41 3.12	24.64 1.01 0.07	15.50 0.72 -4.36	9.46 0.63 -0.76
NORTHPORT___4 23650	19.08 0.22 0.00	16.82 0.40 0.00	4.96 0.24 0.00	10.48 0.68 0.00	16.82 0.83 0.00	22.22 1.05 0.00	21.89 1.11 0.00	10.67 0.60 0.00	13.39 0.46 0.00	17.59 0.67 0.00	13.63 0.64 0.00	7.45 0.41 0.00	13.66 0.81 0.00	10.70 0.68 0.00	18.17 1.01 -2.94	26.17 1.59 -3.44	27.90 1.70 -2.02	34.93 1.80 -3.52	35.44 1.68 0.00	44.67 1.74 3.71	35.97 1.41 3.12	24.64 1.01 0.07	15.50 0.72 -4.36	9.46 0.63 -0.76
NORTHPORT___IC 23718	20.07 1.21 0.00	17.65 1.23 0.00	5.10 0.39 0.00	10.63 0.83 0.00	17.05 1.06 0.00	22.56 1.39 0.00	22.25 1.46 0.00	10.84 0.76 0.00	13.58 0.65 0.00	17.85 0.93 0.00	13.84 0.85 0.00	7.56 0.51 0.00	13.84 0.99 0.00	10.84 0.82 0.00	18.37 1.22 -2.93	26.46 1.90 -3.42	28.26 2.08 -2.00	35.35 2.25 -3.49	35.94 2.18 0.00	45.39 2.46 3.71	36.54 1.99 3.12	25.00 1.37 0.07	15.62 0.89 -4.32	9.59 0.76 -0.76
NORTH___COUNTRY_ESR 323785	18.69 -0.18 0.00	16.21 -0.21 0.00	4.64 -0.07 0.00	9.68 -0.12 0.00	15.87 -0.13 0.00	21.10 -0.07 0.00	20.81 0.03 0.00	10.16 0.08 0.00	13.11 0.18 0.00	17.19 0.26 0.00	13.13 0.14 0.00	7.12 0.07 0.00	12.97 0.11 0.00	10.11 0.09 0.00	14.35 0.12 0.00	21.32 0.18 0.00	24.41 0.23 0.00	29.94 0.33 0.00	34.16 0.40 0.00	45.82 0.79 1.61	36.96 0.63 1.35	23.99 0.31 0.03	10.37 -0.04 0.00	7.91 -0.15 0.00
NPX_GEN_1385_PROXY 323591	8.52 1.14 11.48	55.81 1.29 -38.11	33.78 0.41 -28.66	36.41 0.87 -25.74	17.01 1.02 0.00	29.06 1.47 -6.43	22.31 1.53 0.00	52.29 0.79 -41.41	7.26 0.60 6.27	10.39 0.87 7.40	6.39 0.80 7.40	5.22 0.49 2.32	7.53 0.95 6.26	6.74 0.79 4.07	1.42 1.17 13.97	3.90 1.82 19.06	4.46 1.99 21.70	-13.28 2.14 45.02	-2.84 2.07 38.67	45.48 2.55 3.71	36.87 2.07 2.88	27.45 1.42 -2.32	12.41 0.89 -1.11	10.05 0.78 -1.21
NPX_GEN_CSC 323557	19.76 0.90 0.00	17.34 0.92 0.00	5.02 0.31 0.00	10.51 0.71 0.00	16.86 0.87 0.00	22.34 1.17 0.00	22.28 1.49 0.00	10.83 0.75 0.00	13.43 0.49 0.00	17.74 0.81 0.00	13.70 0.71 0.00	7.44 0.39 0.00	13.64 0.78 0.00	10.70 0.67 0.00	18.49 1.05 -3.22	26.63 1.90 -3.59	28.31 2.11 -2.03	35.53 2.39 -3.54	36.10 2.34 0.00	45.53 2.60 3.71	36.86 2.06 2.88	27.46 1.44 -2.32	12.48 0.91 -1.17	10.15 0.74 -1.34
NSINS_S_GLNS_FALLS 23858	19.81 0.94 0.00	17.28 0.86 0.00	4.96 0.25 0.00	10.34 0.54 0.00	16.80 0.81 0.00	22.17 1.00 0.00	21.89 1.11 0.00	10.50 0.43 0.00	13.40 0.47 0.00	17.41 0.48 0.00	13.28 0.29 0.00	7.24 0.19 0.00	13.23 0.38 0.00	10.31 0.29 0.00	14.48 0.26 0.00	21.49 0.35 0.00	24.86 0.69 0.00	30.50 0.89 0.00	34.91 1.15 0.00	44.20 1.66 4.10	35.64 1.40 3.45	24.37 0.75 0.08	10.84 0.42 0.00	8.43 0.37 0.00
NUCOR_STEEL___DRP 24197	18.64 -0.22 0.00	16.30 -0.12 0.00	4.70 -0.01 0.00	9.79 0.00 0.00	15.95 -0.04 0.00	21.03 -0.13 0.00	20.58 -0.21 0.00	9.96 -0.11 0.00	12.79 -0.15 0.00	16.73 -0.20 0.00	12.84 -0.15 0.00	6.96 -0.09 0.00	12.62 -0.23 0.00	9.82 -0.19 0.00	13.98 -0.24 0.00	20.72 -0.42 0.00	23.79 -0.39 0.00	29.13 -0.48 0.00	33.40 -0.36 0.00	45.26 -0.23 1.15	36.55 -0.16 0.97	23.53 -0.16 0.02	10.36 -0.05 0.00	8.02 -0.05 0.00
NUMBER_THREE_WT_PWR 323818	18.04 -0.82 0.00	15.88 -0.55 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	16.06 0.07 0.00	21.36 0.19 0.00	20.85 0.06 0.00	10.01 -0.06 0.00	12.83 -0.10 0.00	16.67 -0.26 0.00	12.78 -0.21 0.00	6.96 -0.09 0.00	12.60 -0.25 0.00	9.80 -0.22 0.00	13.89 -0.34 0.00	20.67 -0.48 0.00	23.71 -0.47 0.00	29.32 -0.29 0.00	33.89 0.13 0.00	44.35 0.76 3.04	35.47 0.35 2.56	23.39 -0.26 0.06	10.27 -0.14 0.00	7.82 -0.25 0.00
NYISO_LBMP_REFERENCE 24008	18.86 0.00 0.00	16.42 0.00 0.00	4.71 0.00 0.00	9.80 0.00 0.00	15.99 0.00 0.00	21.17 0.00 0.00	20.78 0.00 0.00	10.08 0.00 0.00	12.94 0.00 0.00	16.92 0.00 0.00	12.99 0.00 0.00	7.05 0.00 0.00	12.85 0.00 0.00	10.02 0.00 0.00	14.23 0.00 0.00	21.14 0.00 0.00	24.18 0.00 0.00	29.61 0.00 0.00	33.76 0.00 0.00	46.64 0.00 0.00	37.68 0.00 0.00	23.71 0.00 0.00	10.41 0.00 0.00	8.07 0.00 0.00
NYPA_BRENTWD____GT 24164	20.18 1.32 0.00	17.72 1.29 0.00	5.12 0.41 0.00	10.68 0.88 0.00	17.15 1.16 0.00	22.69 1.52 0.00	22.41 1.63 0.00	10.91 0.84 0.00	13.67 0.74 0.00	17.98 1.06 0.00	13.91 0.92 0.00	7.59 0.55 0.00	13.90 1.06 0.00	10.90 0.88 0.00	19.13 1.31 -3.59	27.05 2.09 -3.81	28.60 2.36 -2.07	35.87 2.66 -3.60	36.49 2.74 0.00	46.15 3.22 3.71	37.15 2.59 3.12	25.36 1.72 0.07	15.89 1.02 -4.46	9.98 0.84 -1.08

NYPA_GOWANUS____GT5 24156	20.13	17.62	5.07	10.55	17.10	22.51	22.12	10.70	13.64	17.86	13.77	7.51	13.77	10.78	15.33	22.80	26.12	31.87	36.02	45.52	36.73	25.09	11.18	8.70
	1.27	1.20	0.36	0.76	1.11	1.35	1.34	0.62	0.70	0.94	0.78	0.46	0.92	0.76	1.10	1.65	1.95	2.26	2.26	2.60	2.17	1.46	0.77	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_GOWANUS____GT6 24157	20.13	17.62	5.07	10.55	17.10	22.51	22.12	10.70	13.64	17.86	13.77	7.51	13.77	10.78	15.33	22.80	26.12	31.87	36.02	45.52	36.73	25.09	11.18	8.70
	1.27	1.20	0.36	0.76	1.11	1.35	1.34	0.62	0.70	0.94	0.78	0.46	0.92	0.76	1.10	1.65	1.95	2.26	2.26	2.60	2.17	1.46	0.77	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_HARLEM__RVR__GT1 24160	20.15	17.58	5.06	10.51	17.01	22.37	22.00	10.63	13.55	17.79	13.70	7.48	13.71	10.73	15.25	22.69	26.05	31.71	35.84	45.37	36.61	25.09	11.16	8.69
	1.28	1.16	0.35	0.71	1.02	1.21	1.23	0.56	0.62	0.87	0.71	0.43	0.86	0.71	1.03	1.55	1.88	2.10	2.08	2.44	2.05	1.46	0.75	0.63
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_HARLEM__RVR__GT2 24161	20.15	17.58	5.06	10.51	17.01	22.37	22.00	10.63	13.55	17.79	13.70	7.48	13.71	10.73	15.25	22.69	26.05	31.71	35.84	45.37	36.61	25.09	11.16	8.69
	1.28	1.16	0.35	0.71	1.02	1.21	1.23	0.56	0.62	0.87	0.71	0.43	0.86	0.71	1.03	1.55	1.88	2.10	2.08	2.44	2.05	1.46	0.75	0.63
	0.00	0.00	0.00	0.00	0.00	0.01	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_KENT____GT 24152	20.13	17.63	5.07	10.55	17.09	22.50	22.11	10.70	13.64	17.88	13.79	7.51	13.78	10.79	15.33	22.80	26.13	31.85	36.01	45.52	36.71	25.08	11.18	8.70
	1.27	1.20	0.36	0.75	1.10	1.33	1.33	0.62	0.71	0.96	0.80	0.46	0.93	0.76	1.11	1.66	1.95	2.24	2.25	2.59	2.16	1.44	0.77	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_POUCH1____GT 24155	20.12	17.59	4.11	10.57	17.17	22.60	22.20	10.71	13.63	-419.68	-220.97	7.49	-2.94	10.74	15.28	22.56	26.06	31.80	35.39	37.23	35.74	25.05	11.16	8.68
	1.25	1.17	0.35	0.77	1.18	1.43	1.41	0.63	0.69	0.90	0.74	0.44	0.88	0.72	1.05	1.58	1.88	2.18	2.19	2.47	2.10	1.42	0.75	0.62
	0.00	0.00	0.95	0.00	0.00	0.00	0.00	0.00	0.00	437.50	234.71	0.00	16.67	0.00	0.00	0.17	0.00	0.00	0.55	11.88	4.03	0.07	0.00	0.00
NYPA_VERNON____GT2 24162	20.13	17.64	5.08	10.55	17.08	22.49	22.10	10.70	13.65	17.90	13.80	7.52	13.79	10.79	15.34	22.82	26.13	31.84	36.00	45.51	36.70	25.07	11.18	8.70
	1.27	1.21	0.36	0.75	1.09	1.32	1.31	0.62	0.71	0.97	0.80	0.47	0.94	0.77	1.12	1.67	1.95	2.23	2.24	2.58	2.15	1.43	0.77	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA_VERNON____GT3 24163	20.13	17.64	5.08	10.55	17.08	22.49	22.10	10.70	13.65	17.90	13.80	7.52	13.79	10.79	15.34	22.82	26.13	31.84	36.00	45.51	36.70	25.07	11.18	8.70
	1.27	1.21	0.36	0.75	1.09	1.32	1.31	0.62	0.71	0.97	0.80	0.47	0.94	0.77	1.12	1.67	1.95	2.23	2.24	2.58	2.15	1.43	0.77	0.64
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA____ASTORIA_CC1 323568	20.11	17.62	5.07	10.54	17.06	22.46	22.08	10.69	13.63	17.87	13.78	7.51	13.77	10.77	15.31	22.78	26.08	31.79	35.93	45.43	36.63	25.03	11.17	8.69
	1.25	1.20	0.36	0.74	1.07	1.29	1.29	0.61	0.70	0.95	0.79	0.46	0.92	0.75	1.09	1.64	1.91	2.17	2.17	2.49	2.07	1.39	0.76	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA____ASTORIA_CC2 323569	20.11	17.62	5.07	10.54	17.06	22.46	22.08	10.69	13.63	17.87	13.78	7.51	13.77	10.77	15.31	22.78	26.08	31.79	35.93	45.43	36.63	25.03	11.17	8.69
	1.25	1.20	0.36	0.74	1.07	1.29	1.29	0.61	0.70	0.95	0.79	0.46	0.92	0.75	1.09	1.64	1.91	2.17	2.17	2.49	2.07	1.39	0.76	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA____HOLTSVILL 23794	19.99	17.55	5.08	10.61	17.03	22.54	22.29	10.85	13.57	17.86	13.81	7.53	13.79	10.81	18.62	26.70	28.44	35.66	36.31	45.84	36.88	25.20	15.75	9.75
	1.13	1.13	0.37	0.81	1.04	1.37	1.51	0.77	0.63	0.93	0.82	0.48	0.94	0.79	1.20	1.98	2.24	2.52	2.55	2.91	2.32	1.56	0.97	0.79
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-3.19	-3.58	-2.03	-3.53	0.00	3.71	3.12	0.07	-4.37	-0.89
NYPA____HELLGATE_GT1 24158	20.15	17.58	5.06	10.51	17.01	22.38	22.01	10.63	13.55	17.79	13.70	7.48	13.71	10.73	15.25	22.69	26.05	31.71	35.84	45.37	36.61	25.09	11.16	8.69
	1.28	1.16	0.35	0.71	1.02	1.21	1.23	0.56	0.62	0.87	0.71	0.43	0.86	0.71	1.03	1.55	1.88	2.10	2.08	2.44	2.05	1.46	0.75	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYPA____HELLGATE_GT2 24159	20.15	17.58	5.06	10.51	17.01	22.38	22.01	10.63	13.55	17.79	13.70	7.48	13.71	10.73	15.25	22.69	26.05	31.71	35.84	45.37	36.61	25.09	11.16	8.69
	1.28	1.16	0.35	0.71	1.02	1.21	1.23	0.56	0.62	0.87	0.71	0.43	0.86	0.71	1.03	1.55	1.88	2.10	2.08	2.44	2.05	1.46	0.75	0.63
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.71	3.12	0.07	0.00	0.00
NYS_BARGE____HYD 23848	17.60	15.46	4.47	9.35	15.16	19.83	19.23	9.42	12.31	16.22	12.45	6.75	12.18	9.41	13.47	19.87	22.52	27.52	31.74	40.03	32.16	21.94	4.19	3.37
	-1.26	-0.96	-0.24	-0.45	-0.83	-1.34	-1.55	-0.66	-0.62	-0.70	-0.55	-0.30	-0.67	-0.61	-0.75	-1.28	-1.66	-2.09	-2.02	-2.40	-1.97	-1.51	-0.62	-0.46
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.22	3.55	0.26	5.61	4.24
OAK ORCHARD____HYD 24046	18.16	15.90	4.58	9.57	15.56	20.43	19.93	9.71	12.60	16.54	12.70	6.87	12.47	9.68	13.82	20.48	23.33	28.60	32.88	41.67	33.46	22.94	8.96	6.98
	-0.70	-0.52	-0.13	-0.23	-0.44	-0.73	-0.85	-0.36	-0.34	-0.38	-0.29	-0.18	-0.38	-0.34	-0.40	-0.67	-0.85	-1.01	-0.88	-0.84	-0.73	-0.65	-0.30	-0.21
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	4.13	3.48	0.12	1.15	0.87

OAKDALE___35_KV_LOAD 356122	18.72 -0.15 0.00	16.42 0.00 0.00	4.71 0.00 0.00	9.82 0.02 0.00	15.98 -0.02 0.00	21.01 -0.16 0.00	20.53 -0.25 0.00	9.94 -0.13 0.00	12.76 -0.17 0.00	16.70 -0.22 0.00	12.86 -0.13 0.00	6.97 -0.07 0.00	12.74 -0.11 0.00	9.92 -0.10 0.00	14.10 -0.13 0.00	20.96 -0.19 0.00	23.93 -0.25 0.00	29.33 -0.28 0.00	33.48 -0.28 0.00	42.22 -0.33 4.09	33.86 -0.38 3.44	23.34 -0.32 0.05	11.34 -0.07 -1.00	8.78 -0.04 -0.76
OCC_CHEM___DRP 24175	17.31 -1.56 0.00	15.19 -1.23 0.00	4.41 -0.30 0.00	9.26 -0.54 0.00	15.00 -1.00 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.17 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.27 -1.90 0.00	27.06 -2.56 0.00	31.15 -2.61 0.00	39.25 -3.13 4.26	31.54 -2.56 3.58	21.56 -1.89 0.26	3.92 -0.82 5.68	3.18 -0.60 4.29
OH_GEN_PROXY 24063	17.49 -1.38 0.00	15.36 -1.06 0.00	4.44 -0.28 0.00	9.30 -0.50 0.00	15.08 -0.92 0.00	19.70 -1.47 0.00	19.10 -1.68 0.00	9.34 -0.74 0.00	12.23 -0.70 0.00	16.13 -0.79 0.00	12.38 -0.61 0.00	6.70 -0.35 0.00	12.12 -0.73 0.00	9.38 -0.64 0.00	13.41 -0.81 0.00	19.79 -1.36 0.00	22.41 -1.77 0.00	27.38 -2.24 0.00	31.51 -2.25 0.00	39.72 -2.63 4.28	32.10 -2.22 3.36	24.19 -1.67 -2.15	-2.32 -0.75 11.99	4.25 -0.54 3.27
OLIN_CORP_DRP 24177	17.40 -1.47 0.00	15.27 -1.15 0.00	4.42 -0.30 0.00	9.24 -0.56 0.00	14.99 -1.01 0.00	19.59 -1.58 0.00	18.98 -1.80 0.00	9.29 -0.78 0.00	12.17 -0.76 0.00	16.05 -0.87 0.00	12.32 -0.67 0.00	6.68 -0.37 0.00	12.05 -0.80 0.00	9.31 -0.71 0.00	13.33 -0.90 0.00	19.65 -1.49 0.00	22.24 -1.93 0.00	27.14 -2.47 0.00	31.30 -2.46 0.00	39.29 -3.11 4.24	31.56 -2.55 3.56	21.60 -1.84 0.27	3.85 -0.75 5.81	3.11 -0.56 4.39
OLIN_CORP_DSASP 323712	17.31 -1.56 0.00	15.20 -1.22 0.00	4.41 -0.30 0.00	9.25 -0.54 0.00	15.00 -0.99 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.18 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.28 -1.90 0.00	27.07 -2.54 0.00	31.15 -2.61 0.00	39.19 -3.19 4.26	31.54 -2.56 3.58	21.55 -1.90 0.26	3.92 -0.81 5.68	3.18 -0.59 4.29
ONEIDA_HERK_LFGE 323681	18.71 -0.16 0.00	16.40 -0.02 0.00	4.73 0.01 0.00	9.86 0.06 0.00	16.22 0.23 0.00	21.49 0.32 0.00	21.05 0.26 0.00	10.13 0.05 0.00	12.96 0.03 0.00	16.87 -0.05 0.00	12.96 -0.04 0.00	7.06 0.00 0.00	12.81 -0.05 0.00	9.96 -0.06 0.00	14.14 -0.09 0.00	21.05 -0.10 0.00	24.16 -0.02 0.00	29.76 0.15 0.00	34.18 0.42 0.00	43.64 0.88 3.89	34.99 0.58 3.27	23.79 0.16 0.08	10.49 0.08 0.00	8.07 0.00 0.00
ONEIDA___115KV_TB4 55905	19.09 0.23 0.00	16.71 0.29 0.00	4.80 0.09 0.00	10.01 0.21 0.00	16.35 0.36 0.00	21.61 0.45 0.00	21.18 0.39 0.00	10.20 0.13 0.00	13.02 0.08 0.00	16.95 0.03 0.00	13.04 0.05 0.00	7.11 0.06 0.00	12.91 0.06 0.00	10.03 0.02 0.00	14.26 0.03 0.00	21.26 0.11 0.00	24.39 0.22 0.00	30.04 0.43 0.00	34.45 0.69 0.00	44.13 1.17 3.68	35.44 0.86 3.10	24.09 0.45 0.07	10.62 0.21 0.00	8.21 0.14 0.00
ONONDAGA_REF_OCCRA 23987	18.70 -0.17 0.00	16.35 -0.07 0.00	4.69 -0.01 0.00	9.78 -0.01 0.00	15.93 -0.06 0.00	20.97 -0.20 0.00	20.55 -0.24 0.00	9.94 -0.14 0.00	12.75 -0.18 0.00	16.66 -0.26 0.00	12.83 -0.16 0.00	6.96 -0.09 0.00	12.64 -0.20 0.00	9.84 -0.17 0.00	13.99 -0.23 0.00	20.84 -0.30 0.00	23.84 -0.33 0.00	29.28 -0.33 0.00	33.49 -0.27 0.00	44.07 -0.29 2.29	35.48 -0.28 1.93	23.44 -0.23 0.05	10.34 -0.07 0.00	8.03 -0.03 0.00
ONONDAGA___COGEN 23986	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
ONTARIO___LFGE 23819	18.49 -0.38 0.00	16.21 -0.21 0.00	4.65 -0.06 0.00	9.71 -0.09 0.00	15.81 -0.18 0.00	20.80 -0.37 0.00	20.34 -0.45 0.00	9.95 -0.13 0.00	12.79 -0.15 0.00	16.72 -0.20 0.00	12.88 -0.11 0.00	6.97 -0.08 0.00	12.62 -0.23 0.00	9.80 -0.21 0.00	13.95 -0.28 0.00	20.73 -0.42 0.00	23.70 -0.48 0.00	29.18 -0.43 0.00	33.49 -0.27 0.00	44.18 -0.27 2.20	35.59 -0.24 1.85	23.62 -0.29 -0.20	18.20 -0.10 -7.89	13.92 -0.11 -5.96
ORANGEVILLE_WT_PWR 323706	17.82 -1.05 0.00	15.68 -0.74 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.31 -0.68 0.00	20.04 -1.13 0.00	19.40 -1.38 0.00	9.43 -0.64 0.00	12.26 -0.67 0.00	16.16 -0.76 0.00	12.46 -0.53 0.00	6.75 -0.30 0.00	12.18 -0.67 0.00	9.43 -0.59 0.00	13.48 -0.75 0.00	19.95 -1.19 0.00	22.66 -1.51 0.00	27.81 -1.80 0.00	32.07 -1.69 0.00	40.74 -1.80 4.10	32.54 -1.69 3.45	21.19 -1.59 0.93	-17.58 -0.68 27.30	-13.09 -0.53 20.63
ORANGEVILLE___ESR 323794	17.82 -1.05 0.00	15.68 -0.74 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.31 -0.68 0.00	20.04 -1.13 0.00	19.40 -1.38 0.00	9.43 -0.64 0.00	12.26 -0.67 0.00	16.16 -0.76 0.00	12.46 -0.53 0.00	6.75 -0.30 0.00	12.18 -0.67 0.00	9.43 -0.59 0.00	13.48 -0.75 0.00	19.95 -1.19 0.00	22.66 -1.51 0.00	27.81 -1.80 0.00	32.07 -1.69 0.00	40.74 -1.80 4.10	32.54 -1.69 3.45	21.19 -1.59 0.93	-17.58 -0.68 27.30	-13.09 -0.53 20.63
OSWEGATCHIE___HYD 24044	17.97 -0.89 0.00	15.73 -0.69 0.00	4.54 -0.17 0.00	9.47 -0.33 0.00	15.76 -0.23 0.00	20.98 -0.19 0.00	20.57 -0.21 0.00	9.93 -0.15 0.00	12.72 -0.22 0.00	16.53 -0.39 0.00	12.66 -0.33 0.00	6.88 -0.17 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.74 -0.49 0.00	20.44 -0.71 0.00	23.44 -0.74 0.00	28.98 -0.63 0.00	33.44 -0.32 0.00	44.38 0.16 2.41	35.68 0.03 2.03	23.32 -0.34 0.05	10.16 -0.24 0.00	7.75 -0.31 0.00
OSWEGO___5 23606	18.34 -0.52 0.00	16.02 -0.40 0.00	4.61 -0.10 0.00	9.59 -0.21 0.00	15.62 -0.37 0.00	20.60 -0.57 0.00	20.18 -0.60 0.00	9.78 -0.30 0.00	12.55 -0.38 0.00	16.41 -0.51 0.00	12.61 -0.39 0.00	6.83 -0.22 0.00	12.43 -0.42 0.00	9.68 -0.34 0.00	13.75 -0.48 0.00	20.44 -0.70 0.00	23.38 -0.79 0.00	28.65 -0.96 0.00	32.75 -1.01 0.00	50.35 -1.32 -5.03	40.81 -1.10 -4.23	23.10 -0.71 -0.10	10.13 -0.28 0.00	7.88 -0.19 0.00
OSWEGO___6 23613	18.34 -0.52 0.00	16.02 -0.40 0.00	4.61 -0.10 0.00	9.59 -0.21 0.00	15.62 -0.37 0.00	20.60 -0.57 0.00	20.18 -0.60 0.00	9.78 -0.30 0.00	12.55 -0.38 0.00	16.41 -0.51 0.00	12.61 -0.39 0.00	6.83 -0.22 0.00	12.43 -0.42 0.00	9.68 -0.34 0.00	13.75 -0.48 0.00	20.44 -0.70 0.00	23.38 -0.79 0.00	28.65 -0.96 0.00	32.75 -1.01 0.00	50.35 -1.32 -5.03	40.81 -1.10 -4.23	23.10 -0.71 -0.10	10.13 -0.28 0.00	7.88 -0.19 0.00

OUTOKUMPU-AB___DRP 24206	17.72 -1.15 0.00	15.56 -0.86 0.00	4.50 -0.21 0.00	9.42 -0.38 0.00	15.28 -0.71 0.00	19.97 -1.20 0.00	19.37 -1.42 0.00	9.48 -0.60 0.00	12.42 -0.52 0.00	16.38 -0.54 0.00	12.58 -0.41 0.00	6.82 -0.23 0.00	12.31 -0.54 0.00	9.52 -0.50 0.00	13.63 -0.59 0.00	20.12 -1.02 0.00	22.78 -1.40 0.00	27.79 -1.82 0.00	32.04 -1.72 0.00	40.51 -1.90 4.23	32.48 -1.64 3.56	22.10 -1.34 0.27	3.77 -0.57 6.07	3.06 -0.42 4.58
OXBOW___BTM 323836	17.50 -1.37 0.00	15.37 -1.05 0.00	4.45 -0.26 0.00	9.33 -0.47 0.00	15.13 -0.87 0.00	19.76 -1.41 0.00	19.17 -1.61 0.00	9.38 -0.70 0.00	12.29 -0.64 0.00	16.22 -0.70 0.00	12.46 -0.54 0.00	6.75 -0.30 0.00	12.19 -0.66 0.00	9.42 -0.59 0.00	13.49 -0.73 0.00	19.91 -1.24 0.00	22.54 -1.64 0.00	27.46 -2.16 0.00	31.61 -2.15 0.00	39.85 -2.54 4.24	32.02 -2.09 3.57	21.82 -1.62 0.27	3.85 -0.69 5.88	3.12 -0.51 4.44
OXBOW___ 24026	17.50 -1.37 0.00	15.37 -1.05 0.00	4.45 -0.26 0.00	9.33 -0.47 0.00	15.13 -0.87 0.00	19.76 -1.41 0.00	19.17 -1.61 0.00	9.38 -0.70 0.00	12.29 -0.64 0.00	16.22 -0.70 0.00	12.46 -0.54 0.00	6.75 -0.30 0.00	12.19 -0.66 0.00	9.42 -0.60 0.00	13.49 -0.74 0.00	19.91 -1.24 0.00	22.54 -1.64 0.00	27.43 -2.18 0.00	31.61 -2.15 0.00	39.90 -2.50 4.24	32.03 -2.08 3.57	21.83 -1.61 0.27	3.84 -0.69 5.88	3.12 -0.51 4.44
OXY_CHEM_DSASP 323612	17.31 -1.56 0.00	15.19 -1.23 0.00	4.41 -0.30 0.00	9.26 -0.54 0.00	15.00 -1.00 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.17 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.27 -1.90 0.00	27.06 -2.56 0.00	31.15 -2.61 0.00	39.25 -3.13 4.26	31.54 -2.56 3.58	21.56 -1.89 0.26	3.92 -0.82 5.68	3.18 -0.60 4.29
OZONE_PARK_ESR 323760	20.25 1.38 0.00	17.74 1.32 0.00	5.10 0.39 0.00	10.60 0.80 0.00	17.15 1.16 0.00	22.59 1.43 0.00	22.19 1.40 0.00	10.76 0.68 0.00	13.73 0.80 0.00	18.00 1.08 0.00	13.88 0.89 0.00	7.57 0.52 0.00	13.87 1.02 0.00	10.85 0.83 0.00	15.42 1.20 0.00	22.97 1.83 0.00	26.31 2.13 0.00	32.09 2.48 0.00	36.29 2.54 0.00	45.96 3.03 3.71	37.05 2.49 3.12	25.24 1.61 0.07	11.26 0.85 0.00	8.76 0.70 0.00
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	17.31 -1.56 0.00	15.19 -1.23 0.00	4.41 -0.30 0.00	9.26 -0.54 0.00	15.00 -1.00 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.17 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.27 -1.90 0.00	27.06 -2.56 0.00	31.15 -2.61 0.00	39.25 -3.13 4.26	31.54 -2.56 3.58	21.56 -1.89 0.26	3.92 -0.82 5.68	3.18 -0.60 4.29
PACKARD___115KV_DUPONT_184 80571	17.31 -1.56 0.00	15.19 -1.23 0.00	4.41 -0.30 0.00	9.26 -0.54 0.00	15.00 -1.00 0.00	19.59 -1.58 0.00	18.99 -1.79 0.00	9.29 -0.79 0.00	12.17 -0.76 0.00	16.08 -0.84 0.00	12.33 -0.65 0.00	6.68 -0.37 0.00	12.07 -0.78 0.00	9.33 -0.69 0.00	13.35 -0.87 0.00	19.69 -1.46 0.00	22.27 -1.90 0.00	27.06 -2.56 0.00	31.15 -2.61 0.00	39.25 -3.13 4.26	31.54 -2.56 3.58	21.56 -1.89 0.26	3.92 -0.82 5.68	3.18 -0.60 4.29
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	20.12 1.25 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.74 0.00	17.04 1.05 0.00	22.44 1.27 0.00	22.06 1.28 0.00	10.65 0.57 0.00	13.57 0.64 0.00	17.80 0.88 0.00	13.71 0.72 0.00	7.47 0.43 0.00	13.71 0.86 0.00	10.72 0.71 0.00	15.24 1.02 0.00	22.68 1.54 0.00	26.03 1.85 0.00	31.70 2.10 0.00	35.84 2.08 0.00	45.37 2.44 3.71	36.60 2.04 3.12	25.04 1.40 0.07	11.14 0.73 0.00	8.68 0.61 0.00
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	20.53 1.67 0.00	18.01 1.59 0.00	5.18 0.47 0.00	10.78 0.98 0.00	17.49 1.49 0.00	23.04 1.87 0.00	22.68 1.90 0.00	10.92 0.84 0.00	13.90 0.96 0.00	18.21 1.28 0.00	14.01 1.02 0.00	7.64 0.59 0.00	13.99 1.14 0.00	10.94 0.92 0.00	15.54 1.32 0.00	23.12 1.97 0.00	26.54 2.36 0.00	32.33 2.72 0.00	36.53 2.77 0.00	46.34 3.41 3.71	37.35 2.80 3.12	25.53 1.90 0.07	11.35 0.94 0.00	8.84 0.77 0.00
PATROON___115KV_TB1 80586	19.16 0.29 0.00	16.77 0.35 0.00	4.82 0.11 0.00	10.01 0.21 0.00	16.26 0.27 0.00	21.46 0.29 0.00	21.03 0.24 0.00	10.16 0.08 0.00	12.96 0.03 0.00	16.92 0.00 0.00	13.00 0.01 0.00	7.07 0.02 0.00	12.95 0.10 0.00	10.11 0.10 0.00	14.36 0.14 0.00	21.34 0.20 0.00	24.47 0.29 0.00	29.95 0.33 0.00	33.98 0.22 0.00	42.74 0.12 4.02	34.41 0.11 3.38	23.81 0.18 0.08	10.59 0.18 0.00	8.24 0.18 0.00
PATTRSNVILLE___SOLAR 323815	19.41 0.54 0.00	16.95 0.53 0.00	4.87 0.16 0.00	10.13 0.33 0.00	16.49 0.50 0.00	21.76 0.60 0.00	21.31 0.53 0.00	10.23 0.16 0.00	13.02 0.09 0.00	16.95 0.03 0.00	13.00 0.01 0.00	7.08 0.03 0.00	12.93 0.08 0.00	10.10 0.08 0.00	14.28 0.06 0.00	21.24 0.09 0.00	24.38 0.21 0.00	30.03 0.41 0.00	34.42 0.66 0.00	43.57 1.05 4.12	35.14 0.94 3.47	24.21 0.59 0.08	10.73 0.32 0.00	8.34 0.27 0.00
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	18.01 -0.86 0.00	15.83 -0.59 0.00	4.56 -0.15 0.00	9.53 -0.26 0.00	15.49 -0.51 0.00	20.26 -0.91 0.00	19.77 -1.02 0.00	9.65 -0.43 0.00	12.60 -0.33 0.00	16.58 -0.34 0.00	12.74 -0.25 0.00	6.89 -0.16 0.00	12.47 -0.38 0.00	9.65 -0.36 0.00	13.80 -0.42 0.00	20.41 -0.74 0.00	23.15 -1.03 0.00	28.33 -1.29 0.00	32.63 -1.13 0.00	41.30 -1.13 4.21	33.07 -1.07 3.54	22.43 -1.00 0.27	3.93 -0.44 6.04	3.18 -0.33 4.56
PAWLING_115_KV_BK3_REV_LBMP_H 345028	20.16 1.29 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.06 1.07 0.00	22.50 1.33 0.00	22.10 1.31 0.00	10.70 0.62 0.00	13.65 0.71 0.00	17.85 0.92 0.00	13.73 0.74 0.00	7.47 0.42 0.00	13.69 0.85 0.00	10.72 0.70 0.00	15.26 1.03 0.00	22.70 1.55 0.00	26.02 1.84 0.00	31.81 2.20 0.00	36.12 2.37 0.00	45.81 2.89 3.72	36.88 2.33 3.13	25.11 1.48 0.07	11.18 0.77 0.00	8.71 0.64 0.00
PEEKSKILL___ 23653	19.97 1.10 0.00	17.47 1.05 0.00	5.02 0.32 0.00	10.44 0.65 0.00	16.91 0.92 0.00	22.28 1.11 0.00	21.87 1.09 0.00	10.59 0.51 0.00	13.51 0.57 0.00	17.69 0.77 0.00	13.63 0.64 0.00	7.42 0.37 0.00	13.61 0.76 0.00	10.65 0.63 0.00	15.14 0.92 0.00	22.53 1.38 0.00	25.80 1.63 0.00	31.51 1.89 0.00	35.73 1.97 0.00	45.23 2.30 3.70	36.42 1.86 3.11	24.83 1.20 0.07	11.07 0.66 0.00	8.63 0.56 0.00
PGE MADISON___WINDPWR 24146	19.86 1.00 0.00	17.33 0.91 0.00	4.98 0.27 0.00	10.35 0.56 0.00	16.92 0.93 0.00	22.31 1.14 0.00	21.78 0.99 0.00	10.53 0.45 0.00	13.37 0.43 0.00	17.41 0.49 0.00	13.37 0.38 0.00	7.27 0.22 0.00	13.17 0.31 0.00	10.23 0.21 0.00	14.54 0.32 0.00	21.82 0.67 0.00	25.18 1.00 0.00	31.25 1.64 0.00	35.88 2.12 0.00	46.03 3.23 3.83	36.92 2.47 3.22	24.76 1.08 0.03	12.30 0.35 -1.53	9.38 0.16 -1.16

PIERCEFIELD___HYD 23852	18.12 -0.74 0.00	15.71 -0.71 0.00	4.51 -0.20 0.00	9.37 -0.43 0.00	15.46 -0.53 0.00	20.65 -0.51 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.67 -0.26 0.00	12.76 -0.24 0.00	6.92 -0.13 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.87 -0.35 0.00	20.63 -0.51 0.00	23.61 -0.57 0.00	29.06 -0.55 0.00	33.28 -0.48 0.00	44.51 -0.17 1.97	35.98 -0.05 1.65	23.55 -0.12 0.04	10.14 -0.27 0.00	7.75 -0.32 0.00
PINELAWN_CC_1 323563	20.12 1.26 0.00	17.66 1.24 0.00	5.10 0.39 0.00	10.62 0.82 0.00	17.07 1.08 0.00	22.58 1.41 0.00	22.26 1.48 0.00	10.84 0.76 0.00	13.61 0.68 0.00	17.88 0.96 0.00	13.83 0.84 0.00	7.55 0.50 0.00	13.82 0.97 0.00	10.83 0.81 0.00	20.81 1.19 -5.40	27.93 1.88 -4.90	28.55 2.13 -2.24	35.91 2.40 -3.90	36.24 2.49 0.00	45.81 2.88 3.71	36.89 2.33 3.12	25.19 1.55 0.07	16.18 0.94 -4.83	10.77 0.77 -1.93
PJM_GEN_HTP_PROXY 323702	19.92 1.21 0.16	17.59 1.17 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.01 1.02 0.00	22.40 1.23 0.00	21.99 1.20 0.00	10.65 0.57 0.00	13.59 0.66 0.00	17.83 0.91 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.76 1.62 0.00	26.07 1.89 0.00	31.79 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.63 2.09 3.14	28.07 1.34 -3.02	7.60 0.73 3.55	11.34 0.61 -2.66
PJM_GEN_KEystone 24065	4.20 0.11 14.77	16.67 0.25 0.00	4.79 0.08 0.00	9.98 0.18 0.00	16.18 0.19 0.00	21.25 0.09 0.00	20.76 -0.02 0.00	10.07 -0.01 0.00	12.97 0.04 0.00	11.19 0.10 5.83	13.12 0.12 0.00	7.12 0.07 0.00	13.00 0.15 0.00	10.13 0.11 0.00	14.43 0.20 0.00	21.41 0.26 0.00	24.41 0.24 0.00	29.85 0.24 0.00	34.01 0.25 0.00	42.97 0.23 3.91	34.46 0.09 3.30	26.64 -0.05 -2.98	5.76 0.08 4.73	9.93 0.10 -1.76
PJM_GEN_NEPTUNE_PROXY 323594	19.89 1.18 0.16	17.59 1.17 0.00	5.08 0.37 0.00	10.56 0.76 0.00	16.97 0.98 0.00	22.42 1.25 0.00	22.07 1.29 0.00	10.74 0.66 0.00	13.54 0.61 0.00	17.81 0.89 0.00	13.77 0.78 0.00	7.52 0.47 0.00	13.77 0.92 0.00	10.78 0.76 0.00	17.08 1.11 -1.75	25.54 1.70 -2.71	27.98 1.91 -1.89	35.02 2.12 -3.29	35.89 2.13 0.00	45.36 2.43 3.71	36.51 1.97 3.14	28.05 1.33 -3.02	11.76 0.82 -0.53	11.62 0.69 -2.86
PJM_GEN_VFT_PROXY 323633	-202.13 1.11 222.10	17.23 1.08 0.27	4.10 0.33 0.95	10.49 0.69 0.00	16.94 0.95 0.00	22.31 1.14 0.00	21.92 1.13 0.00	10.63 0.55 0.00	13.56 0.62 0.00	-503.06 0.85 520.83	-221.00 0.72 234.71	7.48 0.43 0.00	-2.95 0.87 16.67	10.74 0.72 0.00	15.26 1.03 0.00	22.51 1.54 0.17	25.98 1.80 0.00	31.69 2.07 0.00	35.30 2.10 0.55	37.18 2.43 11.88	35.61 1.98 4.05	28.00 1.27 -3.02	7.58 0.71 3.55	11.33 0.60 -2.66
PLATSBURG_115KV_PMLD1 355749	18.88 0.01 0.00	16.38 -0.04 0.00	4.69 -0.02 0.00	9.77 -0.03 0.00	16.01 0.02 0.00	21.28 0.12 0.00	21.01 0.22 0.00	10.24 0.17 0.00	13.23 0.29 0.00	17.35 0.43 0.00	13.24 0.25 0.00	7.18 0.13 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.48 0.26 0.00	21.53 0.39 0.00	24.68 0.51 0.00	30.29 0.68 0.00	34.53 0.78 0.00	46.40 1.37 1.61	37.38 1.06 1.35	24.29 0.61 0.03	10.49 0.08 0.00	7.98 -0.08 0.00
PLEASANTVLY___LBMP 24000	19.90 1.03 0.00	17.41 0.99 0.00	5.01 0.30 0.00	10.41 0.61 0.00	16.86 0.87 0.00	22.22 1.06 0.00	21.80 1.01 0.00	10.54 0.46 0.00	13.44 0.50 0.00	17.58 0.66 0.00	13.53 0.54 0.00	7.36 0.31 0.00	13.49 0.64 0.00	10.55 0.53 0.00	14.99 0.76 0.00	22.30 1.16 0.00	25.53 1.36 0.00	31.20 1.58 0.00	35.40 1.64 0.00	44.80 1.93 3.76	36.07 1.56 3.16	24.65 1.02 0.07	11.00 0.59 0.00	8.58 0.52 0.00
PLSNTVLE_13_KV_13.8KVDIST 80602	20.02 1.16 0.00	17.51 1.09 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.96 0.96 0.00	22.34 1.18 0.00	21.93 1.15 0.00	10.62 0.54 0.00	13.54 0.61 0.00	17.74 0.81 0.00	13.67 0.67 0.00	7.44 0.39 0.00	13.64 0.79 0.00	10.67 0.65 0.00	15.17 0.95 0.00	22.58 1.44 0.00	25.86 1.69 0.00	31.58 1.97 0.00	35.79 2.03 0.00	45.31 2.39 3.72	36.48 1.93 3.13	24.88 1.25 0.07	11.10 0.69 0.00	8.65 0.59 0.00
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	20.02 1.16 0.00	17.51 1.09 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.96 0.96 0.00	22.34 1.18 0.00	21.93 1.15 0.00	10.62 0.54 0.00	13.54 0.61 0.00	17.74 0.81 0.00	13.67 0.67 0.00	7.44 0.39 0.00	13.64 0.79 0.00	10.67 0.65 0.00	15.17 0.95 0.00	22.58 1.44 0.00	25.86 1.69 0.00	31.58 1.97 0.00	35.79 2.03 0.00	45.31 2.39 3.72	36.48 1.93 3.13	24.88 1.25 0.07	11.10 0.69 0.00	8.65 0.59 0.00
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	20.07 1.21 0.00	17.57 1.14 0.00	5.05 0.34 0.00	10.49 0.70 0.00	17.01 1.01 0.00	22.42 1.26 0.00	22.01 1.23 0.00	10.64 0.57 0.00	13.57 0.63 0.00	17.73 0.81 0.00	13.64 0.65 0.00	7.42 0.37 0.00	13.60 0.75 0.00	10.64 0.62 0.00	15.11 0.88 0.00	22.53 1.38 0.00	25.85 1.67 0.00	31.65 2.04 0.00	35.99 2.23 0.00	45.70 2.78 3.72	36.79 2.24 3.13	25.05 1.42 0.07	11.16 0.75 0.00	8.69 0.63 0.00
POLETTI____ 23519	20.07 1.20 0.00	17.58 1.16 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.00 1.01 0.00	22.39 1.22 0.00	21.99 1.21 0.00	10.66 0.58 0.00	13.59 0.65 0.00	17.82 0.90 0.00	13.74 0.75 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.75 1.60 0.00	26.04 1.87 0.00	31.74 2.13 0.00	35.89 2.13 0.00	45.37 2.45 3.71	36.59 2.03 3.12	24.97 1.34 0.07	11.15 0.74 0.00	8.68 0.62 0.00
POMONA___ESR 323819	20.02 1.15 0.00	17.51 1.09 0.00	5.03 0.32 0.00	10.46 0.66 0.00	16.94 0.94 0.00	22.32 1.16 0.00	21.91 1.13 0.00	10.60 0.53 0.00	13.53 0.60 0.00	17.73 0.81 0.00	13.66 0.67 0.00	7.44 0.39 0.00	13.65 0.80 0.00	10.68 0.66 0.00	15.20 0.97 0.00	22.61 1.47 0.00	25.92 1.74 0.00	31.65 2.04 0.00	35.90 2.14 0.00	45.47 2.50 3.68	36.58 2.00 3.09	24.91 1.27 0.07	11.10 0.69 0.00	8.65 0.58 0.00
PORT_JEFF_3 23555	20.01 1.15 0.00	17.56 1.14 0.00	5.08 0.38 0.00	10.62 0.83 0.00	17.06 1.07 0.00	22.58 1.41 0.00	22.34 1.56 0.00	10.87 0.80 0.00	13.60 0.66 0.00	17.89 0.97 0.00	13.84 0.85 0.00	7.54 0.49 0.00	13.81 0.97 0.00	10.83 0.81 0.00	18.68 1.24 -3.22	26.77 2.04 -3.59	28.52 2.32 -2.03	35.77 2.63 -3.54	36.44 2.68 0.00	45.99 3.06 3.71	36.98 2.43 3.12	25.26 1.63 0.07	15.79 1.00 -4.38	9.78 0.81 -0.90
PORT_JEFF_4 23616	20.01 1.15 0.00	17.56 1.14 0.00	5.08 0.38 0.00	10.62 0.83 0.00	17.06 1.07 0.00	22.58 1.41 0.00	22.34 1.56 0.00	10.87 0.80 0.00	13.60 0.66 0.00	17.89 0.97 0.00	13.84 0.85 0.00	7.54 0.49 0.00	13.81 0.97 0.00	10.83 0.81 0.00	18.68 1.24 -3.22	26.77 2.04 -3.59	28.52 2.32 -2.03	35.77 2.63 -3.54	36.44 2.68 0.00	45.99 3.06 3.71	36.98 2.43 3.12	25.26 1.63 0.07	15.79 1.00 -4.38	9.78 0.81 -0.90

PORT_JEFF_IC 23713	19.98 1.11 0.00	17.54 1.11 0.00	5.08 0.37 0.00	10.64 0.84 0.00	17.08 1.09 0.00	22.61 1.44 0.00	22.38 1.60 0.00	10.89 0.82 0.00	13.61 0.68 0.00	17.92 1.00 0.00	13.85 0.86 0.00	7.55 0.50 0.00	13.83 0.98 0.00	10.84 0.83 0.00	18.77 1.26 -3.28	26.87 2.10 -3.63	28.60 2.39 -2.04	35.89 2.74 -3.54	36.56 2.80 0.00	46.08 3.15 3.71	37.02 2.47 3.12	25.29 1.65 0.07	15.83 1.03 -4.39	9.83 0.83 -0.93
PPL PILGRIM_ST_GT1 24216	20.18 1.32 0.00	17.72 1.29 0.00	5.12 0.41 0.00	10.68 0.88 0.00	17.15 1.16 0.00	22.69 1.52 0.00	22.41 1.63 0.00	10.91 0.84 0.00	13.67 0.74 0.00	17.98 1.06 0.00	13.91 0.92 0.00	7.59 0.55 0.00	13.90 1.06 0.00	10.90 0.88 0.00	19.13 1.31 -3.59	27.05 2.09 -3.81	28.60 2.36 -2.07	35.87 2.66 -3.60	36.49 2.74 0.00	46.15 3.22 3.71	37.15 2.59 3.12	25.36 1.72 0.07	15.89 1.02 -4.46	9.98 0.84 -1.08
PPL PILGRIM_ST_GT2 24217	20.18 1.32 0.00	17.72 1.29 0.00	5.12 0.41 0.00	10.68 0.88 0.00	17.15 1.16 0.00	22.69 1.52 0.00	22.41 1.63 0.00	10.91 0.84 0.00	13.67 0.74 0.00	17.98 1.06 0.00	13.91 0.92 0.00	7.59 0.55 0.00	13.90 1.06 0.00	10.90 0.88 0.00	19.13 1.31 -3.59	27.05 2.09 -3.81	28.60 2.36 -2.07	35.87 2.66 -3.60	36.49 2.74 0.00	46.15 3.22 3.71	37.15 2.59 3.12	25.36 1.72 0.07	15.89 1.02 -4.46	9.98 0.84 -1.08
PPL_SHRM_GT3 24213	19.79 0.92 0.00	17.36 0.94 0.00	5.02 0.31 0.00	10.51 0.71 0.00	16.87 0.88 0.00	22.35 1.19 0.00	22.28 1.50 0.00	10.83 0.75 0.00	13.43 0.50 0.00	17.74 0.82 0.00	13.70 0.71 0.00	7.44 0.40 0.00	13.64 0.79 0.00	10.70 0.67 0.00	18.53 1.05 -3.25	26.65 1.90 -3.61	28.32 2.11 -2.03	35.55 2.40 -3.54	36.11 2.35 0.00	45.58 2.65 3.71	36.66 2.10 3.12	25.09 1.46 0.07	15.71 0.91 -4.38	9.73 0.74 -0.92
PPL_SHRM_GT4 24214	19.79 0.92 0.00	17.36 0.94 0.00	5.02 0.31 0.00	10.51 0.71 0.00	16.87 0.88 0.00	22.35 1.19 0.00	22.28 1.50 0.00	10.83 0.75 0.00	13.43 0.50 0.00	17.74 0.82 0.00	13.70 0.71 0.00	7.44 0.40 0.00	13.64 0.79 0.00	10.70 0.67 0.00	18.53 1.05 -3.25	26.65 1.90 -3.61	28.32 2.11 -2.03	35.55 2.40 -3.54	36.11 2.35 0.00	45.58 2.65 3.71	36.66 2.10 3.12	25.09 1.46 0.07	15.71 0.91 -4.38	9.73 0.74 -0.92
PROJECT___ORANGE 1 24174	18.62 -0.25 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.86 -0.14 0.00	20.86 -0.30 0.00	20.44 -0.34 0.00	9.90 -0.18 0.00	12.70 -0.23 0.00	16.61 -0.32 0.00	12.79 -0.20 0.00	6.93 -0.11 0.00	12.61 -0.24 0.00	9.82 -0.20 0.00	13.96 -0.27 0.00	20.78 -0.37 0.00	23.77 -0.41 0.00	29.17 -0.45 0.00	33.35 -0.41 0.00	43.45 -0.50 2.69	34.96 -0.45 2.26	23.32 -0.33 0.05	10.30 -0.11 0.00	8.00 -0.06 0.00
PROJECT___ORANGE 2 24166	18.62 -0.25 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.86 -0.14 0.00	20.86 -0.30 0.00	20.44 -0.34 0.00	9.90 -0.18 0.00	12.70 -0.23 0.00	16.61 -0.32 0.00	12.79 -0.20 0.00	6.93 -0.11 0.00	12.61 -0.24 0.00	9.82 -0.20 0.00	13.96 -0.27 0.00	20.78 -0.37 0.00	23.77 -0.41 0.00	29.17 -0.45 0.00	33.35 -0.41 0.00	43.45 -0.50 2.69	34.96 -0.45 2.26	23.32 -0.33 0.05	10.30 -0.11 0.00	8.00 -0.06 0.00
PUCKETT___SOLAR 323809	19.00 0.13 0.00	16.65 0.23 0.00	4.78 0.07 0.00	9.96 0.16 0.00	16.21 0.22 0.00	21.34 0.18 0.00	20.86 0.07 0.00	10.08 0.00 0.00	12.88 -0.05 0.00	16.78 -0.15 0.00	12.89 -0.10 0.00	7.01 -0.04 0.00	12.76 -0.09 0.00	9.91 -0.10 0.00	14.09 -0.14 0.00	21.00 -0.15 0.00	24.08 -0.09 0.00	29.65 0.04 0.00	33.94 0.18 0.00	43.01 0.44 4.06	34.55 0.28 3.42	23.65 -0.01 0.05	11.41 0.02 -0.98	8.81 0.00 -0.74
PYRITES___HYD 24023	18.80 -0.07 0.00	16.26 -0.16 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.96 -0.04 0.00	21.33 0.17 0.00	21.10 0.31 0.00	10.21 0.14 0.00	13.06 0.12 0.00	17.04 0.12 0.00	13.04 0.05 0.00	7.08 0.03 0.00	12.82 -0.03 0.00	9.98 -0.04 0.00	14.17 -0.05 0.00	21.08 -0.07 0.00	24.11 -0.07 0.00	29.70 0.09 0.00	34.18 0.42 0.00	46.10 1.36 1.90	37.46 1.38 1.60	24.49 0.82 0.04	10.52 0.11 0.00	8.03 -0.04 0.00
QUAKERRD_115KV_BK1 80622	17.88 -0.99 0.00	15.64 -0.78 0.00	4.50 -0.21 0.00	9.40 -0.39 0.00	15.29 -0.70 0.00	20.10 -1.07 0.00	19.63 -1.15 0.00	9.54 -0.54 0.00	12.35 -0.58 0.00	16.21 -0.72 0.00	12.44 -0.55 0.00	6.74 -0.31 0.00	12.23 -0.62 0.00	9.50 -0.52 0.00	13.56 -0.67 0.00	20.10 -1.05 0.00	22.93 -1.25 0.00	28.11 -1.50 0.00	32.29 -1.47 0.00	40.76 -1.73 4.15	32.72 -1.46 3.49	22.51 -1.08 0.12	8.69 -0.49 1.23	6.78 -0.36 0.93
QUENSBRY_115KV_TB8 356137	19.83 0.96 0.00	17.29 0.87 0.00	4.97 0.26 0.00	10.35 0.55 0.00	16.81 0.82 0.00	22.17 1.01 0.00	21.91 1.13 0.00	10.51 0.43 0.00	13.40 0.47 0.00	17.42 0.49 0.00	13.29 0.30 0.00	7.25 0.20 0.00	13.25 0.40 0.00	10.32 0.29 0.00	14.48 0.25 0.00	21.49 0.34 0.00	24.87 0.69 0.00	30.50 0.89 0.00	34.92 1.16 0.00	44.24 1.70 4.10	35.69 1.46 3.45	24.37 0.75 0.08	10.84 0.43 0.00	8.43 0.37 0.00
RAMAPO___LBMP 323565	19.90 1.04 0.00	17.41 0.99 0.00	5.01 0.29 0.00	10.40 0.60 0.00	16.85 0.85 0.00	22.21 1.04 0.00	21.79 1.01 0.00	10.54 0.47 0.00	13.46 0.52 0.00	17.62 0.70 0.00	13.58 0.59 0.00	7.39 0.34 0.00	13.56 0.71 0.00	10.61 0.59 0.00	15.08 0.86 0.00	22.44 1.29 0.00	25.70 1.53 0.00	31.40 1.79 0.00	35.62 1.86 0.00	45.12 2.15 3.67	36.32 1.73 3.09	24.74 1.10 0.07	11.02 0.61 0.00	8.59 0.53 0.00
RANKINE____ 23646	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.18 0.00	9.47 -0.32 0.00	15.38 -0.61 0.00	20.09 -1.07 0.00	19.49 -1.29 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.44 -0.48 0.00	12.65 -0.35 0.00	6.85 -0.20 0.00	12.38 -0.47 0.00	9.58 -0.43 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.96 -1.21 0.00	28.08 -1.54 0.00	32.36 -1.40 0.00	40.97 -1.45 4.21	32.79 -1.35 3.55	22.19 -1.22 0.30	2.87 -0.54 7.00	2.38 -0.40 5.29
RAVENSWOOD_GT2_1 24244	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.94 2.18 0.00	45.46 2.53 3.71	36.64 2.09 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT2_2 24245	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.94 2.18 0.00	45.46 2.53 3.71	36.64 2.09 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00



RAVENSWOOD_GT2_3 24246	20.10 1.23 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.68 0.00	17.86 0.93 0.00	13.76 0.77 0.00	7.50 0.45 0.00	13.75 0.90 0.00	10.76 0.74 0.00	15.29 1.07 0.00	22.77 1.62 0.00	26.07 1.89 0.00	31.79 2.18 0.00	35.96 2.20 0.00	45.49 2.56 3.71	36.66 2.11 3.12	25.00 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
RAVENSWOOD_GT2_4 24247	20.10 1.23 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.45 1.28 0.00	22.04 1.25 0.00	10.68 0.60 0.00	13.62 0.68 0.00	17.86 0.93 0.00	13.76 0.77 0.00	7.50 0.45 0.00	13.75 0.90 0.00	10.76 0.74 0.00	15.29 1.07 0.00	22.77 1.62 0.00	26.07 1.89 0.00	31.79 2.18 0.00	35.96 2.20 0.00	45.49 2.56 3.71	36.66 2.11 3.12	25.00 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
RAVENSWOOD_GT3_1 24248	20.09 1.23 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.44 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.76 0.76 0.00	7.50 0.45 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.76 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT3_2 24249	20.09 1.23 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.44 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.76 0.76 0.00	7.50 0.45 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.76 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT3_3 24250	20.12 1.25 0.00	17.63 1.21 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.76 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.80 1.65 0.00	26.10 1.93 0.00	31.83 2.22 0.00	36.00 2.25 0.00	45.55 2.62 3.71	36.71 2.15 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
RAVENSWOOD_GT3_4 24251	20.12 1.25 0.00	17.63 1.21 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.46 1.29 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.76 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.80 1.65 0.00	26.10 1.93 0.00	31.83 2.22 0.00	36.00 2.25 0.00	45.55 2.62 3.71	36.71 2.15 3.12	25.03 1.40 0.07	11.17 0.76 0.00	8.70 0.63 0.00
RAVENSWOOD_GT_1 23729	20.13 1.27 0.00	17.64 1.21 0.00	5.08 0.36 0.00	10.55 0.75 0.00	17.08 1.09 0.00	22.48 1.32 0.00	22.10 1.31 0.00	10.70 0.62 0.00	13.65 0.71 0.00	17.90 0.97 0.00	13.80 0.80 0.00	7.52 0.47 0.00	13.79 0.94 0.00	10.79 0.77 0.00	15.34 1.11 0.00	22.82 1.68 0.00	26.13 1.96 0.00	31.85 2.24 0.00	36.00 2.24 0.00	45.52 2.60 3.71	36.70 2.15 3.12	25.06 1.43 0.07	11.18 0.77 0.00	8.70 0.64 0.00
RAVENSWOOD_GT_10 24258	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_11 24259	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_4 24252	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.03 1.04 0.00	22.43 1.26 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.47 2.54 3.71	36.66 2.10 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_5 24254	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.03 1.04 0.00	22.43 1.26 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.47 2.54 3.71	36.66 2.10 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_6 24253	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.03 1.04 0.00	22.43 1.26 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.47 2.54 3.71	36.66 2.10 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_7 24255	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.03 1.04 0.00	22.43 1.26 0.00	22.03 1.25 0.00	10.67 0.59 0.00	13.61 0.67 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.47 2.54 3.71	36.66 2.10 3.12	24.99 1.35 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD_GT_9 24257	20.09 1.22 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.75 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.09 3.12	24.99 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00

RAVENSWOOD___1 23533	20.11 1.24 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.45 1.28 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.79 2.18 0.00	35.95 2.19 0.00	45.45 2.52 3.71	36.65 2.09 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
RAVENSWOOD___2 23534	20.11 1.24 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.45 1.28 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.79 2.18 0.00	35.95 2.19 0.00	45.45 2.52 3.71	36.65 2.09 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
RAVENSWOOD___3 23535	20.09 1.23 0.00	17.61 1.19 0.00	5.07 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.44 1.27 0.00	22.03 1.25 0.00	10.67 0.60 0.00	13.61 0.68 0.00	17.84 0.92 0.00	13.76 0.76 0.00	7.49 0.45 0.00	13.74 0.89 0.00	10.76 0.74 0.00	15.29 1.06 0.00	22.76 1.61 0.00	26.06 1.88 0.00	31.78 2.17 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.64 2.09 3.12	25.00 1.36 0.07	11.15 0.74 0.00	8.69 0.62 0.00
RAVENSWOOD___4 23820	20.11 1.24 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.45 1.28 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.79 2.18 0.00	35.95 2.19 0.00	45.45 2.52 3.71	36.65 2.09 3.12	25.03 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
RCPL_TRUST___DRP 24196	20.10 1.24 0.00	17.61 1.19 0.00	5.06 0.36 0.00	10.53 0.73 0.00	17.04 1.05 0.00	22.43 1.26 0.00	22.02 1.24 0.00	10.67 0.60 0.00	13.62 0.69 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.32 1.10 0.00	22.82 1.67 0.00	26.13 1.96 0.00	31.86 2.25 0.00	36.03 2.26 0.00	45.55 2.62 3.71	36.71 2.16 3.12	25.01 1.38 0.07	11.16 0.75 0.00	8.69 0.63 0.00
RED___ROCHESTER 323720	18.26 -0.61 0.00	15.99 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.64 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.83 -0.78 0.00	33.16 -0.60 0.00	41.99 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
REGAN___SOLAR 323812	19.73 0.87 0.00	17.22 0.80 0.00	4.95 0.24 0.00	10.29 0.49 0.00	16.78 0.79 0.00	22.17 1.01 0.00	21.63 0.84 0.00	10.26 0.18 0.00	12.89 -0.05 0.00	16.69 -0.23 0.00	12.77 -0.22 0.00	6.94 -0.11 0.00	12.66 -0.18 0.00	9.90 -0.12 0.00	14.01 -0.22 0.00	20.87 -0.27 0.00	24.12 -0.06 0.00	30.08 0.47 0.00	34.91 1.15 0.00	44.77 2.26 4.12	36.26 2.05 3.46	24.88 1.26 0.08	10.97 0.56 0.00	8.49 0.43 0.00
RENSSELAER___COGEN 23796	19.08 0.21 0.00	16.70 0.27 0.00	4.80 0.09 0.00	9.98 0.18 0.00	16.20 0.20 0.00	21.36 0.20 0.00	20.93 0.14 0.00	10.11 0.03 0.00	12.90 -0.04 0.00	16.83 -0.10 0.00	12.93 -0.06 0.00	7.03 -0.02 0.00	12.88 0.03 0.00	10.06 0.05 0.00	14.29 0.06 0.00	21.23 0.08 0.00	24.32 0.14 0.00	29.73 0.12 0.00	33.74 -0.02 0.00	42.45 -0.20 3.99	34.19 -0.13 3.36	23.66 0.04 0.08	10.53 0.12 0.00	8.20 0.14 0.00
REPUBLIC_115KV_BARTNBK 55605	20.58 1.71 0.00	17.93 1.51 0.00	5.15 0.44 0.00	10.75 0.95 0.00	17.39 1.40 0.00	22.75 1.59 0.00	22.38 1.60 0.00	10.55 0.47 0.00	13.40 0.47 0.00	17.38 0.46 0.00	13.17 0.18 0.00	7.25 0.20 0.00	13.40 0.55 0.00	10.47 0.45 0.00	14.64 0.41 0.00	21.77 0.62 0.00	25.32 1.14 0.00	31.02 1.40 0.00	35.57 1.81 0.00	46.60 4.06 4.10	37.85 3.62 3.45	25.33 1.70 0.08	11.37 0.96 0.00	8.77 0.70 0.00
REVERE_CPPR_DRP 24186	19.13 0.27 0.00	16.75 0.33 0.00	4.82 0.10 0.00	10.05 0.25 0.00	16.45 0.45 0.00	21.78 0.61 0.00	21.35 0.57 0.00	10.27 0.19 0.00	13.11 0.17 0.00	17.04 0.12 0.00	13.10 0.11 0.00	7.15 0.10 0.00	12.96 0.10 0.00	10.07 0.05 0.00	14.30 0.07 0.00	21.33 0.19 0.00	24.53 0.35 0.00	30.24 0.63 0.00	34.72 0.96 0.00	44.57 1.66 3.73	35.77 1.23 3.14	24.28 0.64 0.07	10.70 0.29 0.00	8.24 0.17 0.00
REYNLDPA_13_KV_LD 356490	18.86 0.00 0.00	16.36 -0.06 0.00	4.69 -0.02 0.00	9.74 -0.06 0.00	15.96 -0.03 0.00	21.26 0.09 0.00	20.95 0.16 0.00	10.21 0.13 0.00	13.18 0.24 0.00	17.29 0.37 0.00	13.23 0.25 0.00	7.17 0.12 0.00	13.04 0.19 0.00	10.16 0.13 0.00	14.44 0.21 0.00	21.46 0.31 0.00	24.51 0.34 0.00	30.06 0.44 0.00	34.29 0.53 0.00	45.94 0.93 1.63	37.09 0.78 1.37	24.11 0.44 0.03	10.46 0.05 0.00	8.04 -0.03 0.00
REYNOLDS_115KV_TB3 80639	19.17 0.31 0.00	16.77 0.35 0.00	4.82 0.11 0.00	10.02 0.22 0.00	16.27 0.28 0.00	21.47 0.30 0.00	21.04 0.25 0.00	10.16 0.08 0.00	12.97 0.03 0.00	16.92 0.00 0.00	13.01 0.01 0.00	7.07 0.02 0.00	12.95 0.09 0.00	10.11 0.10 0.00	14.35 0.13 0.00	21.32 0.17 0.00	24.42 0.25 0.00	29.87 0.25 0.00	33.91 0.15 0.00	42.67 0.03 4.00	34.36 0.05 3.37	23.76 0.13 0.08	10.58 0.17 0.00	8.25 0.18 0.00
RIVERBAY____ 323610	20.53 1.67 0.00	18.01 1.59 0.00	5.18 0.47 0.00	10.78 0.98 0.00	17.49 1.49 0.00	23.04 1.87 0.00	22.68 1.90 0.00	10.92 0.84 0.00	13.90 0.96 0.00	18.21 1.28 0.00	14.01 1.02 0.00	7.64 0.59 0.00	13.99 1.14 0.00	10.94 0.92 0.00	15.54 1.32 0.00	23.12 1.97 0.00	26.54 2.36 0.00	32.33 2.72 0.00	36.53 2.77 0.00	46.34 3.41 3.71	37.35 2.80 3.12	25.53 1.90 0.07	11.35 0.94 0.00	8.84 0.77 0.00
RIVERSDE_115KV_TB3 55908	19.14 0.27 0.00	16.74 0.32 0.00	4.81 0.10 0.00	10.00 0.20 0.00	16.24 0.25 0.00	21.43 0.26 0.00	20.99 0.21 0.00	10.14 0.06 0.00	12.94 0.01 0.00	16.89 -0.03 0.00	12.98 -0.01 0.00	7.06 0.01 0.00	12.93 0.08 0.00	10.10 0.07 0.00	14.34 0.11 0.00	21.29 0.15 0.00	24.40 0.23 0.00	29.84 0.23 0.00	33.87 0.11 0.00	42.61 -0.02 4.00	34.30 0.00 3.37	23.74 0.11 0.08	10.57 0.15 0.00	8.23 0.17 0.00
ROARING___BROOK_WT_PWR 323790	18.52 -0.35 0.00	16.20 -0.22 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.89 -0.10 0.00	21.05 -0.11 0.00	20.61 -0.17 0.00	9.98 -0.10 0.00	12.86 -0.08 0.00	16.84 -0.08 0.00	12.91 -0.09 0.00	7.01 -0.04 0.00	12.80 -0.05 0.00	9.98 -0.04 0.00	14.16 -0.06 0.00	21.04 -0.11 0.00	24.04 -0.14 0.00	29.47 -0.14 0.00	33.61 -0.15 0.00	42.70 -0.23 3.71	34.19 -0.37 3.12	23.26 -0.38 0.07	10.20 -0.21 0.00	7.88 -0.19 0.00

ROCHESRG_115KV_T4 355643	18.11 -0.76 0.00	15.85 -0.57 0.00	4.57 -0.14 0.00	9.54 -0.26 0.00	15.51 -0.49 0.00	20.36 -0.80 0.00	19.86 -0.92 0.00	9.67 -0.40 0.00	12.55 -0.39 0.00	16.48 -0.44 0.00	12.65 -0.34 0.00	6.85 -0.20 0.00	12.43 -0.42 0.00	9.65 -0.37 0.00	13.77 -0.46 0.00	20.39 -0.75 0.00	23.23 -0.95 0.00	28.45 -1.16 0.00	32.72 -1.04 0.00	41.32 -1.08 4.23	33.18 -0.94 3.56	22.81 -0.77 0.13	8.68 -0.36 1.37	6.77 -0.25 1.04
ROCHESTER_9_IC 23652	18.19 -0.68 0.00	15.93 -0.50 0.00	4.59 -0.12 0.00	9.58 -0.21 0.00	15.58 -0.42 0.00	20.46 -0.70 0.00	19.96 -0.82 0.00	9.73 -0.35 0.00	12.62 -0.32 0.00	16.57 -0.36 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.49 -0.35 0.00	9.70 -0.32 0.00	13.85 -0.37 0.00	20.52 -0.63 0.00	23.38 -0.80 0.00	28.65 -0.96 0.00	32.95 -0.81 0.00	41.72 -0.74 4.18	33.49 -0.67 3.52	22.98 -0.61 0.12	8.90 -0.29 1.21	6.95 -0.21 0.92
ROCKVIEW_13_KV_LD 356306	20.10 1.23 0.00	17.57 1.15 0.00	5.05 0.34 0.00	10.50 0.70 0.00	16.99 1.00 0.00	22.39 1.22 0.00	21.98 1.20 0.00	10.66 0.58 0.00	13.60 0.67 0.00	17.82 0.90 0.00	13.74 0.74 0.00	7.48 0.43 0.00	13.72 0.87 0.00	10.73 0.72 0.00	15.26 1.04 0.00	22.72 1.58 0.00	26.02 1.85 0.00	31.77 2.15 0.00	35.97 2.22 0.00	45.55 2.62 3.71	36.69 2.13 3.12	25.00 1.37 0.07	11.16 0.75 0.00	8.69 0.63 0.00
ROME____115KV_TB2 80656	19.13 0.27 0.00	16.75 0.33 0.00	4.82 0.10 0.00	10.05 0.25 0.00	16.45 0.45 0.00	21.78 0.61 0.00	21.35 0.57 0.00	10.27 0.19 0.00	13.11 0.17 0.00	17.04 0.12 0.00	13.10 0.11 0.00	7.15 0.10 0.00	12.96 0.10 0.00	10.07 0.05 0.00	14.30 0.07 0.00	21.33 0.19 0.00	24.53 0.35 0.00	30.24 0.63 0.00	34.72 0.96 0.00	44.57 1.66 3.73	35.77 1.23 3.14	24.28 0.64 0.07	10.70 0.29 0.00	8.24 0.17 0.00
ROSETON___1 23587	19.88 1.02 0.00	17.40 0.98 0.00	5.01 0.29 0.00	10.40 0.60 0.00	16.85 0.85 0.00	22.20 1.04 0.00	21.78 1.00 0.00	10.54 0.46 0.00	13.44 0.51 0.00	17.59 0.67 0.00	13.54 0.55 0.00	7.37 0.32 0.00	13.51 0.66 0.00	10.57 0.55 0.00	15.01 0.79 0.00	22.34 1.19 0.00	25.58 1.40 0.00	31.24 1.63 0.00	35.46 1.70 0.00	44.91 1.98 3.70	36.16 1.60 3.11	24.67 1.04 0.07	11.00 0.59 0.00	8.58 0.52 0.00
ROSETON___2 23588	19.88 1.02 0.00	17.40 0.98 0.00	5.01 0.29 0.00	10.40 0.60 0.00	16.85 0.85 0.00	22.20 1.04 0.00	21.78 1.00 0.00	10.54 0.46 0.00	13.44 0.51 0.00	17.59 0.67 0.00	13.54 0.55 0.00	7.37 0.32 0.00	13.51 0.66 0.00	10.57 0.55 0.00	15.01 0.79 0.00	22.34 1.19 0.00	25.58 1.40 0.00	31.24 1.63 0.00	35.46 1.70 0.00	44.91 1.98 3.70	36.16 1.60 3.11	24.67 1.04 0.07	11.00 0.59 0.00	8.58 0.52 0.00
ROTRDAM_115KV_TB3 80664	19.31 0.45 0.00	16.87 0.45 0.00	4.85 0.13 0.00	10.08 0.29 0.00	16.40 0.41 0.00	21.64 0.48 0.00	21.22 0.44 0.00	10.24 0.16 0.00	13.07 0.13 0.00	17.05 0.13 0.00	13.09 0.09 0.00	7.11 0.06 0.00	13.00 0.15 0.00	10.15 0.13 0.00	14.38 0.16 0.00	21.38 0.23 0.00	24.51 0.33 0.00	30.06 0.44 0.00	34.29 0.53 0.00	43.18 0.67 4.13	34.77 0.57 3.47	23.99 0.37 0.08	10.65 0.24 0.00	8.29 0.23 0.00
RUSSELL___1 23602	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
RUSSELL___2 23532	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
RUSSELL___3 23549	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
RUSSELL___4 23556	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
RUSSELL___STATION 23914	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
S SALMON___HYD 24043	18.33 -0.53 0.00	16.04 -0.37 0.00	4.62 -0.09 0.00	9.64 -0.16 0.00	15.84 -0.16 0.00	20.90 -0.27 0.00	20.41 -0.37 0.00	9.88 -0.19 0.00	12.65 -0.29 0.00	16.47 -0.45 0.00	12.66 -0.32 0.00	6.87 -0.18 0.00	12.45 -0.40 0.00	9.69 -0.33 0.00	13.75 -0.48 0.00	20.42 -0.72 0.00	23.37 -0.80 0.00	28.83 -0.79 0.00	33.15 -0.61 0.00	45.14 -0.52 0.98	36.41 -0.45 0.82	23.23 -0.46 0.02	10.22 -0.19 0.00	7.90 -0.17 0.00
S.PERRY__115KV_TB1 80734	18.60 -0.27 0.00	16.32 -0.10 0.00	4.68 -0.03 0.00	9.77 -0.03 0.00	15.90 -0.09 0.00	20.91 -0.26 0.00	20.37 -0.41 0.00	9.86 -0.22 0.00	12.68 -0.26 0.00	16.58 -0.34 0.00	12.77 -0.22 0.00	6.91 -0.14 0.00	12.51 -0.34 0.00	9.68 -0.34 0.00	13.75 -0.48 0.00	20.07 -1.07 0.00	22.69 -1.49 0.00	27.91 -1.70 0.00	32.22 -1.54 0.00	41.35 -1.31 3.99	33.41 -0.91 3.35	23.49 -0.88 -0.67	34.12 -0.29 -23.99	26.04 -0.15 -18.12
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	17.68 -1.18 0.00	15.53 -0.89 0.00	4.48 -0.23 0.00	9.39 -0.41 0.00	15.23 -0.76 0.00	19.91 -1.26 0.00	19.30 -1.48 0.00	9.44 -0.63 0.00	12.36 -0.57 0.00	16.31 -0.61 0.00	12.53 -0.46 0.00	6.79 -0.27 0.00	12.27 -0.58 0.00	9.49 -0.53 0.00	13.58 -0.65 0.00	20.04 -1.10 0.00	22.71 -1.47 0.00	27.74 -1.87 0.00	31.97 -1.79 0.00	40.40 -1.99 4.25	32.38 -1.73 3.57	22.03 -1.41 0.27	3.80 -0.63 5.98	3.08 -0.47 4.52

SAWYER___23_KV_LOAD 55526	17.68 -1.18 0.00	15.53 -0.89 0.00	4.48 -0.23 0.00	9.39 -0.41 0.00	15.23 -0.76 0.00	19.91 -1.26 0.00	19.30 -1.48 0.00	9.44 -0.63 0.00	12.36 -0.57 0.00	16.31 -0.61 0.00	12.53 -0.46 0.00	6.79 -0.27 0.00	12.27 -0.58 0.00	9.49 -0.53 0.00	13.58 -0.65 0.00	20.04 -1.10 0.00	22.71 -1.47 0.00	27.74 -1.87 0.00	31.97 -1.79 0.00	40.40 -1.99 4.25	32.38 -1.73 3.57	22.03 -1.41 0.27	3.80 -0.63 5.98	3.08 -0.47 4.52
SELKIRK___I 23801	19.22 0.35 0.00	16.82 0.40 0.00	4.83 0.12 0.00	10.05 0.25 0.00	16.33 0.34 0.00	21.55 0.38 0.00	21.08 0.30 0.00	10.15 0.08 0.00	12.95 0.02 0.00	16.91 -0.02 0.00	12.99 0.00 0.00	7.06 0.01 0.00	12.89 0.04 0.00	10.07 0.05 0.00	14.29 0.06 0.00	21.23 0.08 0.00	24.32 0.15 0.00	29.83 0.21 0.00	33.96 0.19 0.00	42.91 0.22 3.95	34.57 0.21 3.32	23.86 0.22 0.08	10.61 0.19 0.00	8.26 0.20 0.00
SELKIRK___II 23799	19.15 0.29 0.00	16.76 0.33 0.00	4.81 0.10 0.00	10.01 0.21 0.00	16.26 0.26 0.00	21.45 0.28 0.00	21.02 0.23 0.00	10.15 0.08 0.00	12.99 0.05 0.00	16.99 0.07 0.00	13.06 0.06 0.00	7.09 0.05 0.00	12.94 0.09 0.00	10.11 0.09 0.00	14.34 0.12 0.00	21.31 0.17 0.00	24.40 0.22 0.00	29.85 0.23 0.00	33.90 0.14 0.00	42.71 0.04 3.97	34.39 0.05 3.34	23.76 0.13 0.08	10.57 0.16 0.00	8.23 0.16 0.00
SENECA OSWGO___HYD 24041	18.38 -0.48 0.00	16.06 -0.36 0.00	4.61 -0.10 0.00	9.60 -0.19 0.00	15.66 -0.33 0.00	20.64 -0.53 0.00	20.23 -0.55 0.00	9.79 -0.28 0.00	12.56 -0.37 0.00	16.42 -0.50 0.00	12.62 -0.37 0.00	6.84 -0.21 0.00	12.42 -0.43 0.00	9.67 -0.35 0.00	13.74 -0.48 0.00	20.45 -0.69 0.00	23.40 -0.77 0.00	28.73 -0.88 0.00	32.87 -0.89 0.00	45.76 -1.17 -0.29	36.94 -0.99 -0.25	23.07 -0.64 -0.01	10.16 -0.25 0.00	7.90 -0.17 0.00
SENECA___115KV_TB3 355854	17.89 -0.98 0.00	15.72 -0.71 0.00	4.53 -0.18 0.00	9.49 -0.31 0.00	15.39 -0.60 0.00	20.12 -1.05 0.00	19.52 -1.27 0.00	9.54 -0.53 0.00	12.49 -0.44 0.00	16.47 -0.45 0.00	12.67 -0.32 0.00	6.86 -0.19 0.00	12.41 -0.45 0.00	9.60 -0.42 0.00	13.73 -0.49 0.00	20.29 -0.86 0.00	23.00 -1.18 0.00	28.12 -1.49 0.00	32.42 -1.34 0.00	41.05 -1.37 4.21	32.84 -1.29 3.55	22.24 -1.17 0.30	2.89 -0.52 7.00	2.39 -0.39 5.29
SENECA___ENERGY 23797	18.38 -0.49 0.00	16.09 -0.33 0.00	4.62 -0.09 0.00	9.64 -0.16 0.00	15.70 -0.29 0.00	20.68 -0.49 0.00	20.24 -0.54 0.00	9.87 -0.21 0.00	12.69 -0.24 0.00	16.62 -0.30 0.00	12.80 -0.19 0.00	6.93 -0.12 0.00	12.58 -0.28 0.00	9.78 -0.24 0.00	13.91 -0.31 0.00	20.67 -0.47 0.00	23.65 -0.52 0.00	29.05 -0.56 0.00	33.30 -0.46 0.00	44.71 -0.51 1.42	36.02 -0.46 1.19	23.39 -0.39 -0.08	13.63 -0.15 -3.38	10.49 -0.13 -2.55
SHOEMAKER___GT 23640	19.70 0.83 0.00	17.22 0.80 0.00	4.96 0.25 0.00	10.30 0.50 0.00	16.70 0.71 0.00	22.01 0.84 0.00	21.60 0.81 0.00	10.44 0.36 0.00	13.32 0.38 0.00	17.40 0.48 0.00	13.39 0.40 0.00	7.29 0.24 0.00	13.34 0.49 0.00	10.43 0.42 0.00	14.81 0.59 0.00	22.05 0.90 0.00	25.26 1.08 0.00	30.90 1.28 0.00	35.15 1.39 0.00	44.71 1.66 3.59	36.00 1.35 3.02	24.51 0.87 0.07	10.92 0.51 0.00	8.50 0.43 0.00
SHOEMAKR_138KV_BK 111 55601	19.69 0.83 0.00	17.22 0.80 0.00	4.96 0.25 0.00	10.30 0.50 0.00	16.70 0.71 0.00	22.01 0.84 0.00	21.59 0.81 0.00	10.44 0.36 0.00	13.32 0.39 0.00	17.42 0.49 0.00	13.40 0.41 0.00	7.30 0.25 0.00	13.36 0.51 0.00	10.44 0.43 0.00	14.84 0.61 0.00	22.07 0.93 0.00	25.29 1.11 0.00	30.93 1.31 0.00	35.17 1.41 0.00	44.73 1.67 3.58	36.01 1.35 3.01	24.51 0.87 0.07	10.92 0.51 0.00	8.50 0.43 0.00
SHOREHAM_IC_1 23715	19.79 0.92 0.00	17.36 0.94 0.00	5.02 0.31 0.00	10.51 0.71 0.00	16.87 0.88 0.00	22.35 1.19 0.00	22.28 1.50 0.00	10.83 0.75 0.00	13.43 0.50 0.00	17.74 0.82 0.00	13.70 0.71 0.00	7.44 0.40 0.00	13.64 0.79 0.00	10.70 0.67 0.00	18.53 1.05 -3.25	26.65 1.90 -3.61	28.32 2.11 -2.03	35.55 2.40 -3.54	36.11 2.35 0.00	45.58 2.65 3.71	36.66 2.10 3.12	25.09 1.46 0.07	15.71 0.91 -4.38	9.73 0.74 -0.92
SHOREHAM_IC_2 23716	19.79 0.92 0.00	17.36 0.94 0.00	5.02 0.31 0.00	10.51 0.71 0.00	16.87 0.88 0.00	22.35 1.19 0.00	22.28 1.50 0.00	10.83 0.75 0.00	13.43 0.50 0.00	17.74 0.82 0.00	13.71 0.71 0.00	7.44 0.40 0.00	13.64 0.79 0.00	10.70 0.67 0.00	18.53 1.05 -3.25	26.65 1.90 -3.61	28.32 2.11 -2.03	35.55 2.40 -3.54	36.11 2.35 0.00	45.58 2.66 3.71	36.66 2.10 3.12	25.09 1.46 0.07	15.71 0.92 -4.38	9.73 0.74 -0.92
SISSONVILLE____ 23735	18.12 -0.74 0.00	15.71 -0.71 0.00	4.51 -0.20 0.00	9.37 -0.43 0.00	15.46 -0.53 0.00	20.65 -0.51 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.67 -0.26 0.00	12.76 -0.24 0.00	6.92 -0.13 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.87 -0.35 0.00	20.63 -0.51 0.00	23.61 -0.57 0.00	29.06 -0.55 0.00	33.28 -0.48 0.00	44.51 -0.17 1.97	35.98 -0.05 1.65	23.55 -0.12 0.04	10.14 -0.27 0.00	7.75 -0.32 0.00
SITHE_IND_GS1 24169	18.24 -0.62 0.00	15.94 -0.48 0.00	4.58 -0.13 0.00	9.54 -0.26 0.00	15.54 -0.45 0.00	20.47 -0.69 0.00	20.06 -0.72 0.00	9.72 -0.36 0.00	12.48 -0.46 0.00	16.32 -0.60 0.00	12.53 -0.46 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.61 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.44 -1.18 0.00	32.50 -1.26 0.00	31.90 -1.68 13.07	25.32 -1.37 10.99	22.59 -0.87 0.26	10.06 -0.35 0.00	7.84 -0.23 0.00
SITHE_IND_GS2 24170	18.24 -0.62 0.00	15.94 -0.48 0.00	4.58 -0.13 0.00	9.54 -0.26 0.00	15.54 -0.45 0.00	20.47 -0.69 0.00	20.06 -0.72 0.00	9.72 -0.36 0.00	12.48 -0.46 0.00	16.32 -0.60 0.00	12.53 -0.46 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.61 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.44 -1.18 0.00	32.50 -1.26 0.00	31.90 -1.68 13.07	25.32 -1.37 10.99	22.59 -0.87 0.26	10.06 -0.35 0.00	7.84 -0.23 0.00
SITHE_IND_GS3 24171	18.24 -0.62 0.00	15.94 -0.48 0.00	4.58 -0.13 0.00	9.54 -0.26 0.00	15.54 -0.45 0.00	20.47 -0.69 0.00	20.06 -0.72 0.00	9.72 -0.36 0.00	12.48 -0.46 0.00	16.32 -0.60 0.00	12.53 -0.46 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.61 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.44 -1.18 0.00	32.50 -1.26 0.00	31.90 -1.68 13.07	25.32 -1.37 10.99	22.59 -0.87 0.26	10.06 -0.35 0.00	7.84 -0.23 0.00
SITHE_IND_GS4 24172	18.24 -0.62 0.00	15.94 -0.48 0.00	4.58 -0.13 0.00	9.54 -0.26 0.00	15.54 -0.45 0.00	20.47 -0.69 0.00	20.06 -0.72 0.00	9.72 -0.36 0.00	12.48 -0.46 0.00	16.32 -0.60 0.00	12.53 -0.46 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.61 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.44 -1.18 0.00	32.50 -1.26 0.00	31.90 -1.68 13.07	25.32 -1.37 10.99	22.59 -0.87 0.26	10.06 -0.35 0.00	7.84 -0.23 0.00

SITHE___BATAVIA 24024	18.23 -0.64 0.00	15.98 -0.44 0.00	4.61 -0.10 0.00	9.64 -0.16 0.00	15.66 -0.33 0.00	20.54 -0.62 0.00	20.00 -0.78 0.00	9.78 -0.30 0.00	12.70 -0.24 0.00	16.63 -0.29 0.00	12.72 -0.27 0.00	6.88 -0.17 0.00	12.44 -0.41 0.00	9.64 -0.38 0.00	13.79 -0.44 0.00	20.38 -0.76 0.00	23.18 -0.99 0.00	28.44 -1.17 0.00	32.90 -0.85 0.00	41.92 -0.53 4.19	33.80 -0.35 3.52	23.05 -0.45 0.20	6.33 -0.20 3.88	4.97 -0.16 2.93
SITHE___INDEPEND 23800	18.24 -0.62 0.00	15.94 -0.48 0.00	4.58 -0.13 0.00	9.54 -0.26 0.00	15.54 -0.45 0.00	20.48 -0.69 0.00	20.06 -0.72 0.00	9.72 -0.36 0.00	12.48 -0.46 0.00	16.31 -0.61 0.00	12.53 -0.46 0.00	6.78 -0.26 0.00	12.35 -0.50 0.00	9.61 -0.40 0.00	13.66 -0.57 0.00	20.31 -0.84 0.00	23.22 -0.96 0.00	28.44 -1.18 0.00	32.50 -1.26 0.00	31.89 -1.68 13.07	25.32 -1.37 10.99	22.58 -0.87 0.26	10.06 -0.35 0.00	7.84 -0.23 0.00
SITHE___MASSENA 23902	18.81 -0.05 0.00	16.30 -0.12 0.00	4.67 -0.04 0.00	9.70 -0.10 0.00	15.92 -0.07 0.00	21.20 0.03 0.00	20.93 0.15 0.00	10.20 0.12 0.00	13.16 0.22 0.00	17.25 0.33 0.00	13.21 0.21 0.00	7.16 0.11 0.00	13.01 0.16 0.00	10.13 0.11 0.00	14.40 0.17 0.00	21.40 0.26 0.00	24.45 0.28 0.00	29.99 0.38 0.00	34.20 0.44 0.00	45.81 0.83 1.67	37.00 0.72 1.40	24.11 0.43 0.03	10.43 0.02 0.00	8.01 -0.05 0.00
SITHE___OGDNSBRG 24021	18.99 0.12 0.00	16.42 0.00 0.00	4.71 0.00 0.00	9.77 -0.03 0.00	16.07 0.08 0.00	21.47 0.30 0.00	21.22 0.44 0.00	10.29 0.21 0.00	13.19 0.26 0.00	17.26 0.33 0.00	13.21 0.21 0.00	7.17 0.12 0.00	12.99 0.14 0.00	10.12 0.10 0.00	14.37 0.15 0.00	21.36 0.22 0.00	24.42 0.24 0.00	30.03 0.42 0.00	34.43 0.68 0.00	46.41 1.57 1.80	37.70 1.54 1.52	24.61 0.94 0.04	10.59 0.18 0.00	8.10 0.03 0.00
SITHE___STERLING 23777	19.10 0.23 0.00	16.71 0.29 0.00	4.80 0.09 0.00	10.01 0.21 0.00	16.35 0.36 0.00	21.61 0.45 0.00	21.18 0.39 0.00	10.20 0.13 0.00	13.02 0.08 0.00	16.95 0.03 0.00	13.04 0.05 0.00	7.11 0.06 0.00	12.91 0.06 0.00	10.03 0.02 0.00	14.26 0.03 0.00	21.26 0.11 0.00	24.39 0.22 0.00	30.04 0.43 0.00	34.45 0.69 0.00	44.13 1.17 3.68	35.44 0.86 3.10	24.09 0.45 0.07	10.62 0.21 0.00	8.21 0.14 0.00
SLEIGHT__34_KV_TB1 80719	18.22 -0.65 0.00	15.93 -0.49 0.00	4.58 -0.13 0.00	9.58 -0.22 0.00	15.58 -0.42 0.00	20.50 -0.67 0.00	20.06 -0.72 0.00	9.75 -0.33 0.00	12.58 -0.36 0.00	16.47 -0.45 0.00	12.66 -0.33 0.00	6.84 -0.21 0.00	12.43 -0.42 0.00	9.66 -0.35 0.00	13.79 -0.44 0.00	20.45 -0.70 0.00	23.38 -0.79 0.00	28.69 -0.92 0.00	32.99 -0.77 0.00	42.40 -0.76 3.48	34.08 -0.67 2.93	23.09 -0.55 0.07	10.15 -0.26 0.00	7.87 -0.19 0.00
SMITHTWN_69_KV_BK 1 55830	19.87 1.01 0.00	17.45 1.03 0.00	5.09 0.37 0.00	10.68 0.89 0.00	17.16 1.17 0.00	22.71 1.55 0.00	22.50 1.72 0.00	10.95 0.87 0.00	13.68 0.75 0.00	18.01 1.09 0.00	13.92 0.93 0.00	7.58 0.53 0.00	13.90 1.05 0.00	10.90 0.88 0.00	18.88 1.35 -3.31	27.04 2.25 -3.64	28.80 2.59 -2.04	36.17 3.01 -3.55	36.88 3.13 0.00	46.57 3.64 3.71	37.41 2.86 3.12	25.51 1.88 0.07	15.92 1.11 -4.40	9.90 0.89 -0.94
SOUTH CAIRO___GT 23612	19.78 0.91 0.00	17.27 0.85 0.00	4.96 0.25 0.00	10.32 0.52 0.00	16.78 0.79 0.00	22.18 1.01 0.00	21.74 0.95 0.00	10.45 0.38 0.00	13.27 0.33 0.00	17.21 0.29 0.00	13.15 0.16 0.00	7.13 0.08 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.46 0.24 0.00	21.51 0.36 0.00	24.76 0.59 0.00	30.53 0.92 0.00	34.95 1.20 0.00	44.60 1.87 3.91	36.02 1.62 3.28	24.74 1.11 0.08	10.95 0.55 0.00	8.50 0.43 0.00
SOUTH HAMPTN___IC 23720	19.92 1.06 0.00	17.49 1.07 0.00	5.05 0.34 0.00	10.69 0.89 0.00	17.12 1.13 0.00	22.73 1.56 0.00	22.65 1.86 0.00	10.99 0.91 0.00	13.68 0.74 0.00	18.06 1.14 0.00	13.97 0.98 0.00	7.59 0.55 0.00	13.92 1.07 0.00	10.92 0.90 0.00	18.83 1.38 -3.23	27.11 2.37 -3.59	28.88 2.68 -2.03	36.24 3.10 -3.54	36.88 3.12 0.00	46.49 3.56 3.71	37.31 2.75 3.12	25.40 1.77 0.07	15.82 1.02 -4.38	9.77 0.80 -0.91
SOUTHDOW_115KV_TB1 355954	18.28 -0.59 0.00	16.11 -0.31 0.00	4.63 -0.08 0.00	9.71 -0.08 0.00	15.75 -0.25 0.00	20.61 -0.56 0.00	20.09 -0.70 0.00	9.83 -0.25 0.00	12.85 -0.08 0.00	17.02 0.10 0.00	13.17 0.17 0.00	7.11 0.06 0.00	12.89 0.03 0.00	9.98 -0.04 0.00	14.26 0.03 0.00	21.06 -0.09 0.00	23.81 -0.37 0.00	29.14 -0.48 0.00	33.62 -0.14 4.18	42.67 0.21 3.51	33.87 -0.30 3.51	22.73 -0.79 0.19	6.75 -0.34 3.32	5.27 -0.29 2.51
SOUTHOLD_69_KV_BK 2 55809	19.87 1.01 0.00	17.45 1.03 0.00	5.04 0.33 0.00	10.79 0.99 0.00	17.23 1.23 0.00	22.93 1.77 0.00	22.87 2.09 0.00	11.08 1.00 0.00	13.80 0.87 0.00	18.25 1.33 0.00	14.12 1.12 0.00	7.67 0.63 0.00	14.07 1.22 0.00	11.04 1.02 0.00	19.01 1.55 -3.23	27.38 2.64 -3.60	29.20 2.99 -2.03	36.63 3.49 -3.54	37.26 3.50 0.00	46.88 3.96 3.71	37.57 3.02 3.12	25.49 1.86 0.07	15.83 1.04 -4.38	9.75 0.78 -0.91
SOUTHOLD___IC 23719	19.87 1.01 0.00	17.45 1.03 0.00	5.04 0.33 0.00	10.79 0.99 0.00	17.23 1.23 0.00	22.93 1.77 0.00	22.87 2.09 0.00	11.08 1.00 0.00	13.80 0.87 0.00	18.25 1.33 0.00	14.12 1.12 0.00	7.67 0.62 0.00	14.07 1.22 0.00	11.04 1.02 0.00	19.01 1.55 -3.23	27.38 2.64 -3.60	29.20 2.99 -2.03	36.63 3.48 -3.54	37.25 3.50 0.00	46.88 3.95 3.71	37.57 3.02 3.12	25.49 1.86 0.07	15.83 1.04 -4.38	9.75 0.78 -0.91
SOUTH_FORK_WT_PWR 323839	19.71 0.84 0.00	17.32 0.90 0.00	5.00 0.29 0.00	10.81 1.02 0.00	17.23 1.24 0.00	22.98 1.81 0.00	22.94 2.15 0.00	11.10 1.03 0.00	13.83 0.89 0.00	18.31 1.39 0.00	14.17 1.18 0.00	7.70 0.66 0.00	14.13 1.28 0.00	11.09 1.07 0.00	19.08 1.63 -3.23	27.50 2.76 -3.59	29.32 3.11 -2.03	36.74 3.60 -3.54	37.33 3.57 0.00	46.82 3.89 3.71	37.47 2.91 3.12	25.37 1.74 0.07	15.76 0.97 -4.38	9.68 0.71 -0.91
SPIERFLS_115KV_TB 1 80737	19.72 0.86 0.00	17.21 0.78 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.08 0.91 0.00	21.83 1.05 0.00	10.49 0.41 0.00	13.38 0.45 0.00	17.39 0.47 0.00	13.27 0.28 0.00	7.24 0.19 0.00	13.21 0.36 0.00	10.28 0.26 0.00	14.42 0.20 0.00	21.39 0.25 0.00	24.75 0.57 0.00	30.33 0.71 0.00	34.70 0.94 0.00	43.84 1.30 4.10	35.36 1.13 3.45	24.19 0.57 0.08	10.76 0.35 0.00	8.38 0.31 0.00
ST LAWRENCE____ 23600	18.69 -0.18 0.00	16.20 -0.22 0.00	4.64 -0.07 0.00	9.64 -0.16 0.00	15.80 -0.19 0.00	21.03 -0.14 0.00	20.73 -0.06 0.00	10.10 0.03 0.00	13.04 0.10 0.00	17.09 0.17 0.00	13.09 0.10 0.00	7.09 0.04 0.00	12.90 0.05 0.00	10.05 0.03 0.00	14.28 0.05 0.00	21.22 0.08 0.00	24.24 0.06 0.00	29.72 0.11 0.00	33.91 0.15 0.00	45.38 0.36 1.62	36.64 0.32 1.36	23.84 0.16 0.03	10.35 -0.06 0.00	7.96 -0.11 0.00

STATE_CA_115KV_115_LB 55624	19.16 0.29 0.00	16.77 0.35 0.00	4.82 0.11 0.00	10.01 0.21 0.00	16.26 0.27 0.00	21.46 0.29 0.00	21.03 0.24 0.00	10.16 0.08 0.00	12.96 0.03 0.00	16.92 0.00 0.00	13.00 0.01 0.00	7.07 0.02 0.00	12.95 0.10 0.00	10.11 0.10 0.00	14.36 0.14 0.00	21.35 0.20 0.00	24.47 0.30 0.00	29.95 0.33 0.00	33.98 0.23 0.00	42.74 0.13 4.03	34.41 0.11 3.39	23.81 0.18 0.08	10.59 0.18 0.00	8.24 0.18 0.00
STATE_ST_34_KV_LOAD 55959	18.65 -0.22 0.00	16.32 -0.10 0.00	4.70 -0.01 0.00	9.80 0.00 0.00	15.96 -0.04 0.00	21.04 -0.13 0.00	20.58 -0.20 0.00	9.97 -0.11 0.00	12.79 -0.14 0.00	16.73 -0.19 0.00	12.84 -0.15 0.00	6.96 -0.09 0.00	12.62 -0.23 0.00	9.82 -0.20 0.00	13.98 -0.24 0.00	20.73 -0.42 0.00	23.79 -0.39 0.00	29.15 -0.47 0.00	33.42 -0.34 0.00	45.14 -0.20 1.30	36.44 -0.14 1.10	23.58 -0.15 -0.02	11.91 -0.05 -1.55	9.19 -0.05 -1.17
STATION_5_MISC_HYD 23604	18.19 -0.68 0.00	15.93 -0.50 0.00	4.59 -0.12 0.00	9.58 -0.21 0.00	15.58 -0.42 0.00	20.46 -0.70 0.00	19.96 -0.82 0.00	9.73 -0.35 0.00	12.62 -0.32 0.00	16.57 -0.36 0.00	12.72 -0.27 0.00	6.89 -0.16 0.00	12.49 -0.35 0.00	9.70 -0.32 0.00	13.85 -0.37 0.00	20.52 -0.63 0.00	23.38 -0.79 0.00	28.67 -0.95 0.00	32.95 -0.81 0.00	41.70 -0.75 4.18	33.48 -0.68 3.52	22.97 -0.62 0.12	8.91 -0.29 1.21	6.95 -0.20 0.92
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	18.29 -0.57 0.00	16.01 -0.41 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.64 -0.35 0.00	20.57 -0.59 0.00	20.13 -0.65 0.00	10.03 -0.05 0.00	12.96 0.02 0.00	16.98 0.06 0.00	13.05 0.05 0.00	7.06 0.01 0.00	12.77 -0.08 0.00	9.92 -0.10 0.00	14.14 -0.08 0.00	21.00 -0.15 0.00	24.02 -0.16 0.00	29.48 -0.14 0.00	33.88 0.12 0.00	44.57 0.48 2.55	35.84 0.30 2.15	23.69 0.04 0.05	10.40 -0.01 0.00	8.07 0.00 0.00
STA_56_34_KV_BUS2_REV_LBMP_B 345033	18.12 -0.75 0.00	15.85 -0.57 0.00	4.57 -0.14 0.00	9.54 -0.26 0.00	15.51 -0.49 0.00	20.37 -0.80 0.00	19.88 -0.90 0.00	9.68 -0.40 0.00	12.55 -0.38 0.00	16.48 -0.44 0.00	12.65 -0.33 0.00	6.85 -0.20 0.00	12.44 -0.41 0.00	9.66 -0.36 0.00	13.79 -0.44 0.00	20.43 -0.71 0.00	23.29 -0.88 0.00	28.56 -1.05 0.00	32.83 -0.93 0.00	41.54 -0.93 4.16	33.35 -0.83 3.50	22.88 -0.71 0.12	8.90 -0.33 1.18	6.94 -0.24 0.89
STA_56___34_KV_BUS2 355983	18.12 -0.75 0.00	15.85 -0.57 0.00	4.57 -0.14 0.00	9.54 -0.26 0.00	15.51 -0.49 0.00	20.37 -0.80 0.00	19.88 -0.90 0.00	9.68 -0.40 0.00	12.55 -0.38 0.00	16.48 -0.44 0.00	12.65 -0.33 0.00	6.85 -0.20 0.00	12.44 -0.41 0.00	9.66 -0.36 0.00	13.79 -0.44 0.00	20.43 -0.71 0.00	23.29 -0.88 0.00	28.56 -1.05 0.00	32.83 -0.93 0.00	41.54 -0.93 4.16	33.35 -0.83 3.50	22.88 -0.71 0.12	8.90 -0.33 1.18	6.94 -0.24 0.89
STA_67___115KV_BK2 355882	18.16 -0.70 0.00	15.89 -0.52 0.00	4.58 -0.13 0.00	9.57 -0.23 0.00	15.55 -0.44 0.00	20.42 -0.75 0.00	19.92 -0.86 0.00	9.71 -0.37 0.00	12.59 -0.34 0.00	16.54 -0.39 0.00	12.69 -0.30 0.00	6.87 -0.18 0.00	12.47 -0.38 0.00	9.68 -0.34 0.00	13.82 -0.41 0.00	20.47 -0.68 0.00	23.32 -0.86 0.00	28.57 -1.04 0.00	32.86 -0.89 0.00	41.57 -0.88 4.19	33.38 -0.77 3.52	22.92 -0.67 0.12	8.86 -0.32 1.23	6.91 -0.22 0.93
STA_7___115KV_9TRANS 80674	18.26 -0.60 0.00	15.98 -0.43 0.00	4.60 -0.11 0.00	9.62 -0.18 0.00	15.63 -0.36 0.00	20.53 -0.64 0.00	20.03 -0.76 0.00	9.76 -0.31 0.00	12.66 -0.27 0.00	16.63 -0.29 0.00	12.77 -0.22 0.00	6.91 -0.13 0.00	12.55 -0.30 0.00	9.75 -0.27 0.00	13.92 -0.31 0.00	20.62 -0.53 0.00	23.50 -0.67 0.00	28.82 -0.79 0.00	33.16 -0.60 0.00	42.00 -0.46 4.18	33.71 -0.45 3.52	23.11 -0.48 0.12	8.96 -0.23 1.21	6.98 -0.17 0.92
STA_82___115KV_TB1 80780	18.16 -0.70 0.00	15.90 -0.52 0.00	4.58 -0.13 0.00	9.57 -0.23 0.00	15.55 -0.44 0.00	20.43 -0.74 0.00	19.93 -0.86 0.00	9.71 -0.37 0.00	12.60 -0.34 0.00	16.54 -0.39 0.00	12.69 -0.30 0.00	6.87 -0.18 0.00	12.47 -0.38 0.00	9.68 -0.34 0.00	13.82 -0.40 0.00	20.47 -0.67 0.00	23.32 -0.86 0.00	28.59 -1.03 0.00	32.87 -0.89 0.00	41.63 -0.86 4.15	33.44 -0.75 3.49	22.94 -0.66 0.12	9.00 -0.31 1.10	7.02 -0.22 0.83
STEEL___WIND 323596	17.86 -1.00 0.00	15.70 -0.72 0.00	4.52 -0.19 0.00	9.48 -0.32 0.00	15.38 -0.61 0.00	20.10 -1.07 0.00	19.49 -1.30 0.00	9.53 -0.55 0.00	12.47 -0.46 0.00	16.45 -0.47 0.00	12.64 -0.35 0.00	6.85 -0.20 0.00	12.39 -0.47 0.00	9.58 -0.44 0.00	13.71 -0.51 0.00	20.25 -0.89 0.00	22.97 -1.21 0.00	28.10 -1.51 0.00	32.39 -1.36 0.00	41.00 -1.43 4.21	32.81 -1.32 3.55	22.20 -1.21 0.30	2.87 -0.54 7.00	2.38 -0.39 5.29
STEPHTWN_115KV_BK_2 55603	19.27 0.41 0.00	16.87 0.45 0.00	4.85 0.13 0.00	10.07 0.27 0.00	16.32 0.33 0.00	21.59 0.42 0.00	21.17 0.38 0.00	10.22 0.14 0.00	13.05 0.11 0.00	17.01 0.08 0.00	13.05 0.06 0.00	7.09 0.04 0.00	13.02 0.17 0.00	10.16 0.14 0.00	14.43 0.21 0.00	21.47 0.32 0.00	24.66 0.49 0.00	30.18 0.57 0.00	34.31 0.55 0.00	43.14 0.49 3.99	34.70 0.37 3.36	23.96 0.33 0.08	10.65 0.24 0.00	8.30 0.23 0.00
STEUBEN_REC_LFGE 323667	18.24 -0.62 0.00	16.07 -0.35 0.00	4.58 -0.13 0.00	9.51 -0.29 0.00	15.56 -0.44 0.00	20.47 -0.70 0.00	19.75 -1.04 0.00	9.58 -0.50 0.00	12.42 -0.51 0.00	16.40 -0.52 0.00	12.68 -0.31 0.00	6.87 -0.18 0.00	12.42 -0.43 0.00	9.61 -0.41 0.00	13.70 -0.53 0.00	20.29 -0.85 0.00	23.09 -1.08 0.00	28.42 -1.19 0.00	32.82 -0.94 0.00	42.11 -0.76 3.77	33.46 -1.04 3.17	22.87 -1.28 -0.43	26.16 -0.62 -16.37	19.93 -0.50 -12.37
STILLWATER___SOLAR 323814	19.70 0.83 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.29 0.49 0.00	16.72 0.73 0.00	22.08 0.91 0.00	21.68 0.89 0.00	10.42 0.34 0.00	13.28 0.34 0.00	17.26 0.34 0.00	13.19 0.20 0.00	7.17 0.12 0.00	13.13 0.27 0.00	10.25 0.23 0.00	14.49 0.27 0.00	21.53 0.38 0.00	24.81 0.64 0.00	30.48 0.87 0.00	34.88 1.12 0.00	44.07 1.52 4.09	35.48 1.24 3.44	24.38 0.75 0.08	10.83 0.42 0.00	8.44 0.38 0.00
STONY___BROOK 24151	19.97 1.10 0.00	17.52 1.10 0.00	5.09 0.38 0.00	10.66 0.86 0.00	17.11 1.12 0.00	22.65 1.49 0.00	22.44 1.66 0.00	10.92 0.84 0.00	13.64 0.71 0.00	17.96 1.04 0.00	13.89 0.90 0.00	7.57 0.52 0.00	13.86 1.01 0.00	10.87 0.85 0.00	18.81 1.30 -3.29	26.95 2.17 -3.63	28.69 2.48 -2.04	36.01 2.85 -3.55	36.70 2.94 0.00	46.30 3.37 3.71	37.19 2.64 3.12	25.39 1.76 0.07	15.87 1.07 -4.39	9.86 0.86 -0.94
STURGEON_POOL_HYD 23609	20.30 1.44 0.00	17.75 1.33 0.00	5.10 0.39 0.00	10.60 0.80 0.00	17.18 1.18 0.00	22.64 1.48 0.00	22.26 1.47 0.00	10.79 0.71 0.00	13.75 0.81 0.00	17.96 1.03 0.00	13.81 0.82 0.00	7.51 0.47 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.34 1.12 0.00	22.87 1.72 0.00	26.27 2.09 0.00	32.18 2.57 0.00	36.57 2.82 0.00	46.49 3.56 3.71	37.43 2.87 3.12	25.42 1.79 0.07	11.32 0.91 0.00	8.80 0.74 0.00

ST_LAW_115_BK7_LBMP 345037	18.68 -0.19 0.00	16.19 -0.24 0.00	4.64 -0.07 0.00	9.63 -0.17 0.00	15.79 -0.20 0.00	21.03 -0.14 0.00	20.73 -0.06 0.00	10.10 0.03 0.00	13.04 0.10 0.00	17.10 0.18 0.00	13.09 0.10 0.00	7.10 0.05 0.00	12.90 0.05 0.00	10.06 0.04 0.00	14.28 0.05 0.00	21.23 0.09 0.00	24.25 0.08 0.00	29.73 0.12 0.00	33.91 0.15 0.00	45.40 0.39 1.63	36.66 0.35 1.37	23.85 0.18 0.03	10.34 -0.06 0.00	7.95 -0.11 0.00
ST_LAW_115_BK8_LBMP 345038	18.68 -0.19 0.00	16.19 -0.24 0.00	4.64 -0.07 0.00	9.63 -0.17 0.00	15.79 -0.20 0.00	21.03 -0.14 0.00	20.73 -0.06 0.00	10.10 0.03 0.00	13.04 0.10 0.00	17.10 0.18 0.00	13.09 0.10 0.00	7.10 0.05 0.00	12.90 0.05 0.00	10.06 0.04 0.00	14.28 0.05 0.00	21.23 0.09 0.00	24.25 0.08 0.00	29.73 0.12 0.00	33.91 0.15 0.00	45.40 0.39 1.63	36.66 0.35 1.37	23.85 0.18 0.03	10.34 -0.06 0.00	7.95 -0.11 0.00
ST_LAW_230_BK5_LBMP 345035	18.69 -0.18 0.00	16.20 -0.22 0.00	4.64 -0.07 0.00	9.64 -0.16 0.00	15.80 -0.19 0.00	21.03 -0.14 0.00	20.73 -0.06 0.00	10.10 0.03 0.00	13.04 0.10 0.00	17.09 0.17 0.00	13.09 0.10 0.00	7.09 0.04 0.00	12.90 0.05 0.00	10.05 0.03 0.00	14.28 0.05 0.00	21.22 0.08 0.00	24.24 0.06 0.00	29.72 0.11 0.00	33.91 0.15 0.00	45.39 0.36 1.61	36.65 0.32 1.35	23.84 0.16 0.03	10.35 -0.06 0.00	7.96 -0.11 0.00
ST_LAW_230_BK6_LBMP 345036	18.69 -0.18 0.00	16.20 -0.22 0.00	4.64 -0.07 0.00	9.64 -0.16 0.00	15.80 -0.19 0.00	21.03 -0.14 0.00	20.73 -0.06 0.00	10.10 0.03 0.00	13.04 0.10 0.00	17.09 0.17 0.00	13.09 0.10 0.00	7.09 0.04 0.00	12.90 0.05 0.00	10.05 0.03 0.00	14.28 0.05 0.00	21.22 0.08 0.00	24.24 0.06 0.00	29.72 0.11 0.00	33.91 0.15 0.00	45.39 0.36 1.61	36.65 0.32 1.35	23.84 0.16 0.03	10.35 -0.06 0.00	7.96 -0.11 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	19.86 0.99 0.00	17.36 0.94 0.00	5.00 0.28 0.00	10.38 0.58 0.00	16.82 0.83 0.00	22.16 1.00 0.00	21.75 0.97 0.00	10.52 0.45 0.00	13.43 0.50 0.00	17.58 0.65 0.00	13.54 0.55 0.00	7.37 0.32 0.00	13.51 0.66 0.00	10.57 0.55 0.00	15.02 0.79 0.00	22.35 1.21 0.00	25.60 1.43 0.00	31.30 1.69 0.00	35.54 1.78 0.00	45.11 2.09 3.63	36.30 1.68 3.05	24.71 1.07 0.07	11.00 0.60 0.00	8.57 0.51 0.00
SWANROAD_115KV_TB1 355699	17.42 -1.45 0.00	15.29 -1.13 0.00	4.42 -0.29 0.00	9.25 -0.55 0.00	15.00 -0.99 0.00	19.61 -1.55 0.00	19.00 -1.78 0.00	9.31 -0.77 0.00	12.18 -0.75 0.00	16.06 -0.86 0.00	12.33 -0.66 0.00	6.68 -0.36 0.00	12.06 -0.79 0.00	9.32 -0.70 0.00	13.34 -0.89 0.00	19.66 -1.49 0.00	22.26 -1.91 0.00	27.16 -2.45 0.00	31.34 -2.42 0.00	39.35 -3.06 4.23	31.62 -2.50 3.56	21.64 -1.81 0.26	3.96 -0.73 5.72	3.19 -0.55 4.32
SYNERGY___BIOGAS 323694	18.24 -0.63 0.00	15.98 -0.44 0.00	4.61 -0.10 0.00	9.64 -0.16 0.00	15.66 -0.33 0.00	20.54 -0.63 0.00	20.00 -0.78 0.00	9.78 -0.30 0.00	12.70 -0.24 0.00	16.63 -0.29 0.00	12.72 -0.27 0.00	6.88 -0.17 0.00	12.44 -0.41 0.00	9.64 -0.38 0.00	13.78 -0.44 0.00	20.39 -0.76 0.00	23.18 -0.99 0.00	28.42 -1.19 0.00	32.91 -0.85 0.00	41.92 -0.54 4.19	33.81 -0.35 3.52	23.06 -0.45 0.20	6.33 -0.20 3.88	4.97 -0.16 2.93
SYRACUSE___ENERGY_ST1 323597	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
SYRACUSE___ENERGY_ST2 323598	18.62 -0.25 0.00	16.27 -0.14 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.88 -0.12 0.00	20.92 -0.25 0.00	20.50 -0.28 0.00	9.92 -0.16 0.00	12.73 -0.21 0.00	16.64 -0.28 0.00	12.80 -0.19 0.00	6.94 -0.11 0.00	12.60 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.39 0.00	23.77 -0.41 0.00	29.16 -0.45 0.00	33.36 -0.40 0.00	45.30 -0.46 0.88	36.55 -0.39 0.74	23.40 -0.29 0.02	10.31 -0.10 0.00	8.01 -0.06 0.00
SYRACUSE___POWER 24017	18.68 -0.18 0.00	16.33 -0.09 0.00	4.69 -0.02 0.00	9.78 -0.02 0.00	15.92 -0.08 0.00	20.95 -0.22 0.00	20.52 -0.26 0.00	9.93 -0.14 0.00	12.74 -0.19 0.00	16.65 -0.28 0.00	12.82 -0.17 0.00	6.95 -0.10 0.00	12.64 -0.21 0.00	9.84 -0.18 0.00	13.99 -0.24 0.00	20.82 -0.32 0.00	23.83 -0.35 0.00	29.25 -0.36 0.00	33.46 -0.30 0.00	44.02 -0.33 2.29	35.44 -0.31 1.93	23.41 -0.25 0.05	10.33 -0.08 0.00	8.03 -0.04 0.00
TALLMAN__138KV_BK151 55660	19.97 1.11 0.00	17.46 1.04 0.00	5.02 0.32 0.00	10.44 0.64 0.00	16.90 0.91 0.00	22.28 1.11 0.00	21.86 1.08 0.00	10.59 0.51 0.00	13.51 0.57 0.00	17.70 0.77 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.62 0.77 0.00	10.66 0.64 0.00	15.16 0.94 0.00	22.56 1.41 0.00	25.85 1.67 0.00	31.57 1.96 0.00	35.81 2.05 0.00	45.36 2.38 3.67	36.50 1.90 3.08	24.84 1.21 0.07	11.07 0.66 0.00	8.63 0.56 0.00
TEALLAVE_115KV_TB7 355573	18.60 -0.26 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.06 0.00	15.85 -0.14 0.00	20.86 -0.30 0.00	20.44 -0.34 0.00	9.89 -0.18 0.00	12.70 -0.23 0.00	16.60 -0.33 0.00	12.79 -0.21 0.00	6.93 -0.12 0.00	12.61 -0.24 0.00	9.81 -0.21 0.00	13.95 -0.27 0.00	20.76 -0.38 0.00	23.75 -0.42 0.00	29.15 -0.46 0.00	33.34 -0.42 0.00	43.51 -0.50 2.63	35.02 -0.45 2.21	23.32 -0.34 0.05	10.30 -0.11 0.00	8.00 -0.07 0.00
TELGRAPH_34_KV_EAST 80808	17.84 -1.03 0.00	15.65 -0.77 0.00	4.52 -0.19 0.00	9.45 -0.35 0.00	15.34 -0.65 0.00	20.09 -1.08 0.00	19.51 -1.28 0.00	9.55 -0.53 0.00	12.46 -0.48 0.00	16.38 -0.54 0.00	12.56 -0.43 0.00	6.80 -0.25 0.00	12.29 -0.56 0.00	9.51 -0.51 0.00	13.60 -0.62 0.00	20.09 -1.06 0.00	22.79 -1.39 0.00	27.87 -1.75 0.00	32.19 -1.57 0.00	40.73 -1.71 4.21	32.75 -1.39 3.54	22.35 -1.12 0.24	5.00 -0.47 4.94	3.98 -0.35 3.73
TEMPLE___115KV_TB 2 55572	18.62 -0.25 0.00	16.27 -0.15 0.00	4.67 -0.04 0.00	9.74 -0.05 0.00	15.86 -0.14 0.00	20.86 -0.30 0.00	20.44 -0.34 0.00	9.90 -0.18 0.00	12.70 -0.23 0.00	16.61 -0.32 0.00	12.79 -0.20 0.00	6.93 -0.11 0.00	12.61 -0.24 0.00	9.82 -0.20 0.00	13.96 -0.27 0.00	20.78 -0.37 0.00	23.77 -0.41 0.00	29.17 -0.45 0.00	33.35 -0.41 0.00	43.45 -0.50 2.69	34.96 -0.45 2.26	23.32 -0.33 0.05	10.30 -0.11 0.00	8.00 -0.06 0.00
TIANA____69_KV_BK 1 55817	19.93 1.06 0.00	17.49 1.07 0.00	5.06 0.35 0.00	10.65 0.85 0.00	17.08 1.09 0.00	22.65 1.49 0.00	22.56 1.78 0.00	10.96 0.88 0.00	13.63 0.69 0.00	17.99 1.07 0.00	13.91 0.92 0.00	7.56 0.51 0.00	13.85 1.00 0.00	10.87 0.85 0.00	18.76 1.31 -3.23	27.00 2.26 -3.60	28.76 2.56 -2.03	36.10 2.95 -3.54	36.73 2.97 0.00	46.34 3.41 3.71	37.21 2.65 3.12	25.37 1.73 0.07	15.81 1.02 -4.38	9.77 0.80 -0.91

TILDEN___115KV_TB1 80814	18.68 -0.18 0.00	16.33 -0.09 0.00	4.69 -0.02 0.00	9.78 -0.02 0.00	15.92 -0.08 0.00	20.95 -0.22 0.00	20.52 -0.26 0.00	9.93 -0.14 0.00	12.74 -0.19 0.00	16.65 -0.28 0.00	12.82 -0.17 0.00	6.95 -0.10 0.00	12.64 -0.21 0.00	9.84 -0.18 0.00	13.99 -0.24 0.00	20.82 -0.32 0.00	23.83 -0.35 0.00	29.25 -0.36 0.00	33.46 -0.30 0.00	44.02 -0.33 2.29	35.44 -0.31 1.93	23.41 -0.25 0.05	10.33 -0.08 0.00	8.03 -0.04 0.00
TRIGEN___CC 323695	20.14 1.28 0.00	17.67 1.25 0.00	5.10 0.39 0.00	10.59 0.79 0.00	17.05 1.06 0.00	22.52 1.35 0.00	22.16 1.37 0.00	10.77 0.69 0.00	13.61 0.68 0.00	17.89 0.97 0.00	13.83 0.84 0.00	7.55 0.50 0.00	13.82 0.97 0.00	10.81 0.80 0.00	31.85 1.17 -16.46	34.77 1.77 -11.85	29.78 2.01 -3.59	38.14 2.27 -6.26	36.06 2.31 0.00	45.63 2.70 3.71	36.74 2.18 3.12	25.08 1.45 0.07	19.02 0.86 -7.75	15.86 0.71 -7.08
TRINITY___115KV___4 BK 55933	19.10 0.23 0.00	16.71 0.29 0.00	4.80 0.09 0.00	9.98 0.19 0.00	16.21 0.22 0.00	21.39 0.22 0.00	20.95 0.16 0.00	10.12 0.04 0.00	12.92 -0.02 0.00	16.86 -0.07 0.00	12.96 -0.04 0.00	7.04 -0.01 0.00	12.90 0.05 0.00	10.07 0.06 0.00	14.30 0.07 0.00	21.25 0.10 0.00	24.35 0.17 0.00	29.78 0.17 0.00	33.79 0.03 0.00	42.51 -0.13 4.00	34.23 -0.08 3.36	23.69 0.06 0.08	10.54 0.13 0.00	8.21 0.15 0.00
UNION___PROCESSING_DRP 323587	18.17 -0.70 0.00	15.90 -0.52 0.00	4.58 -0.13 0.00	9.57 -0.23 0.00	15.56 -0.44 0.00	20.43 -0.73 0.00	19.93 -0.85 0.00	9.71 -0.36 0.00	12.60 -0.34 0.00	16.54 -0.38 0.00	12.70 -0.29 0.00	6.87 -0.18 0.00	12.47 -0.38 0.00	9.68 -0.34 0.00	13.82 -0.40 0.00	20.48 -0.67 0.00	23.33 -0.85 0.00	28.59 -1.02 0.00	32.88 -0.88 0.00	41.67 -0.83 4.13	33.46 -0.74 3.48	22.94 -0.65 0.12	8.96 -0.31 1.15	6.98 -0.22 0.87
UPPER HUDSON___HYD 24058	19.72 0.86 0.00	17.21 0.79 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.08 0.91 0.00	21.83 1.05 0.00	10.49 0.41 0.00	13.38 0.45 0.00	17.39 0.47 0.00	13.27 0.28 0.00	7.24 0.19 0.00	13.21 0.36 0.00	10.28 0.26 0.00	14.42 0.20 0.00	21.39 0.25 0.00	24.75 0.57 0.00	30.33 0.71 0.00	34.70 0.94 0.00	43.84 1.30 4.10	35.36 1.13 3.45	24.19 0.57 0.08	10.76 0.35 0.00	8.38 0.31 0.00
UPPER RAQUET___HYD 24056	18.12 -0.74 0.00	15.71 -0.71 0.00	4.51 -0.20 0.00	9.37 -0.43 0.00	15.46 -0.53 0.00	20.65 -0.51 0.00	20.42 -0.36 0.00	9.92 -0.16 0.00	12.75 -0.18 0.00	16.67 -0.26 0.00	12.75 -0.24 0.00	6.92 -0.13 0.00	12.55 -0.30 0.00	9.77 -0.25 0.00	13.87 -0.35 0.00	20.63 -0.51 0.00	23.61 -0.57 0.00	29.07 -0.55 0.00	33.28 -0.48 0.00	44.51 -0.17 1.97	35.98 -0.05 1.65	23.55 -0.12 0.04	10.14 -0.27 0.00	7.75 -0.32 0.00
VALLEY44_115KV_TB2 355964	18.35 -0.51 0.00	16.20 -0.23 0.00	4.65 -0.06 0.00	9.72 -0.08 0.00	15.81 -0.19 0.00	20.68 -0.48 0.00	20.09 -0.69 0.00	9.79 -0.29 0.00	12.78 -0.15 0.00	16.81 -0.11 0.00	12.94 -0.06 0.00	6.97 -0.09 0.00	12.62 -0.23 0.00	9.78 -0.24 0.00	13.97 -0.26 0.00	20.64 -0.50 0.00	23.37 -0.80 0.00	28.62 -0.99 0.00	32.92 -0.84 0.00	41.62 -0.85 4.17	33.31 -0.87 3.51	22.68 -0.86 0.17	7.37 -0.34 2.70	5.81 -0.22 2.04
VALLEY___115KV_TB 1-4 80826	19.06 0.19 0.00	16.67 0.25 0.00	4.79 0.07 0.00	9.96 0.16 0.00	16.20 0.21 0.00	21.40 0.23 0.00	20.96 0.18 0.00	10.01 -0.07 0.00	12.70 -0.23 0.00	16.47 -0.45 0.00	12.65 -0.34 0.00	6.89 -0.16 0.00	12.60 -0.25 0.00	9.84 -0.18 0.00	13.96 -0.27 0.00	20.75 -0.40 0.00	23.89 -0.28 0.00	29.43 -0.18 0.00	33.70 -0.06 0.00	41.76 -0.03 4.85	33.61 0.01 4.08	23.71 0.10 0.10	10.53 0.12 0.00	8.19 0.12 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	19.44 0.57 0.00	16.99 0.57 0.00	4.89 0.18 0.00	10.17 0.37 0.00	16.56 0.56 0.00	21.84 0.68 0.00	21.42 0.64 0.00	10.37 0.29 0.00	13.27 0.34 0.00	17.34 0.42 0.00	13.35 0.36 0.00	7.25 0.20 0.00	13.21 0.36 0.00	10.29 0.27 0.00	14.62 0.40 0.00	21.75 0.60 0.00	24.90 0.73 0.00	30.56 0.95 0.00	34.82 1.06 0.00	43.97 1.39 4.06	35.34 1.08 3.41	24.25 0.63 0.08	10.74 0.33 0.00	8.34 0.27 0.00
VISCHER___FERRY HYD 24020	19.55 0.68 0.00	17.05 0.63 0.00	4.91 0.19 0.00	10.22 0.42 0.00	16.60 0.61 0.00	21.91 0.75 0.00	21.46 0.67 0.00	10.32 0.24 0.00	13.16 0.22 0.00	17.12 0.20 0.00	13.09 0.10 0.00	7.12 0.07 0.00	13.03 0.18 0.00	10.18 0.16 0.00	14.42 0.19 0.00	21.41 0.27 0.00	24.60 0.43 0.00	30.16 0.55 0.00	34.49 0.73 0.00	43.48 0.89 4.05	34.99 0.72 3.41	24.12 0.49 0.08	10.73 0.32 0.00	8.39 0.32 0.00
V_A_10_SYNC_DSASP 323832	17.76 -1.11 0.00	15.58 -0.84 0.00	4.49 -0.21 0.00	9.41 -0.39 0.00	15.27 -0.72 0.00	20.00 -1.17 0.00	19.43 -1.35 0.00	9.48 -0.59 0.00	12.38 -0.56 0.00	16.30 -0.62 0.00	12.51 -0.48 0.00	6.77 -0.28 0.00	12.26 -0.59 0.00	9.49 -0.53 0.00	13.57 -0.66 0.00	20.05 -1.10 0.00	22.75 -1.43 0.00	27.79 -1.82 0.00	32.00 -1.76 0.00	40.29 -2.01 4.33	32.32 -1.72 3.64	22.18 -1.33 0.20	5.99 -0.60 3.82	4.75 -0.43 2.89
V_CMM_10_SYNC_DSASP 323787	18.77 -0.09 0.00	16.27 -0.15 0.00	4.66 -0.05 0.00	9.68 -0.12 0.00	15.88 -0.12 0.00	21.14 -0.03 0.00	20.84 0.05 0.00	10.16 0.08 0.00	13.11 0.17 0.00	17.19 0.27 0.00	13.17 0.17 0.00	7.13 0.08 0.00	12.97 0.12 0.00	10.11 0.09 0.00	14.36 0.13 0.00	21.34 0.20 0.00	24.38 0.20 0.00	29.90 0.28 0.00	34.10 0.34 0.00	45.67 0.66 1.63	36.88 0.57 1.37	23.99 0.31 0.03	10.40 -0.01 0.00	8.00 -0.07 0.00
V_CMP_10_SYNC_DSASP 323788	18.88 0.01 0.00	16.38 -0.04 0.00	4.69 -0.02 0.00	9.77 -0.03 0.00	16.02 0.02 0.00	21.28 0.12 0.00	21.01 0.22 0.00	10.24 0.17 0.00	13.23 0.29 0.00	17.35 0.42 0.00	13.24 0.25 0.00	7.18 0.13 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.48 0.26 0.00	21.53 0.39 0.00	24.68 0.51 0.00	30.29 0.68 0.00	34.53 0.78 0.00	46.40 1.37 1.61	37.38 1.05 1.35	24.29 0.61 0.03	10.49 0.08 0.00	7.98 -0.08 0.00
V_D_10_SYNC_DSASP 323841	18.81 -0.05 0.00	16.31 -0.12 0.00	4.67 -0.04 0.00	9.70 -0.10 0.00	15.92 -0.07 0.00	21.21 0.04 0.00	20.93 0.15 0.00	10.20 0.12 0.00	13.16 0.22 0.00	17.25 0.33 0.00	13.21 0.22 0.00	7.16 0.11 0.00	13.01 0.16 0.00	10.13 0.11 0.00	14.40 0.17 0.00	21.40 0.26 0.00	24.45 0.28 0.00	29.99 0.38 0.00	34.20 0.44 0.00	45.81 0.83 1.66	37.00 0.72 1.40	24.11 0.43 0.03	10.43 0.02 0.00	8.01 -0.05 0.00
V_E_10_SYNC_DSASP 323830	19.86 1.00 0.00	17.33 0.91 0.00	4.98 0.27 0.00	10.35 0.56 0.00	16.92 0.93 0.00	22.31 1.14 0.00	21.78 0.99 0.00	10.53 0.45 0.00	13.37 0.43 0.00	17.41 0.49 0.00	13.37 0.38 0.00	7.27 0.22 0.00	13.17 0.31 0.00	10.23 0.21 0.00	14.54 0.32 0.00	21.82 0.67 0.00	25.18 1.00 0.00	31.25 1.64 0.00	35.88 2.12 0.00	46.03 3.23 3.83	36.92 2.47 3.22	24.76 1.08 0.03	12.30 0.35 -1.53	9.38 0.16 -1.16



V_F_30_NSYNC___DSASP 323816	19.70 0.84 0.00	17.19 0.77 0.00	4.94 0.23 0.00	10.29 0.49 0.00	16.73 0.73 0.00	22.08 0.92 0.00	21.70 0.91 0.00	10.43 0.35 0.00	13.30 0.37 0.00	17.30 0.37 0.00	13.22 0.23 0.00	7.19 0.14 0.00	13.16 0.31 0.00	10.27 0.25 0.00	14.53 0.30 0.00	21.59 0.44 0.00	24.87 0.69 0.00	30.56 0.94 0.00	34.95 1.19 0.00	44.13 1.59 4.10	35.52 1.29 3.44	24.40 0.78 0.08	10.84 0.43 0.00	8.45 0.38 0.00
V_F_30_SYNC_DSASP 323786	19.16 0.29 0.00	16.77 0.35 0.00	4.82 0.11 0.00	10.01 0.21 0.00	16.26 0.27 0.00	21.46 0.29 0.00	21.03 0.24 0.00	10.16 0.08 0.00	12.96 0.03 0.00	16.92 0.00 0.00	13.00 0.01 0.00	7.07 0.02 0.00	12.95 0.10 0.00	10.11 0.10 0.00	14.36 0.14 0.00	21.34 0.20 0.00	24.47 0.29 0.00	29.95 0.33 0.00	33.98 0.22 0.00	42.74 0.12 4.02	34.41 0.11 3.38	23.81 0.18 0.08	10.59 0.18 0.00	8.24 0.18 0.00
V_XM_10_SYNC_DSASP 323789	18.88 0.01 0.00	16.38 -0.04 0.00	4.69 -0.02 0.00	9.77 -0.03 0.00	16.02 0.02 0.00	21.28 0.12 0.00	21.01 0.22 0.00	10.24 0.17 0.00	13.23 0.29 0.00	17.35 0.42 0.00	13.24 0.25 0.00	7.18 0.13 0.00	13.10 0.25 0.00	10.21 0.19 0.00	14.48 0.26 0.00	21.53 0.39 0.00	24.68 0.51 0.00	30.29 0.68 0.00	34.53 0.78 0.00	46.40 1.37 1.61	37.38 1.05 1.35	24.29 0.61 0.03	10.49 0.08 0.00	7.98 -0.08 0.00
W.BABYLN_69_KV_BK1 56697	20.25 1.38 0.00	17.76 1.35 0.00	5.13 0.42 0.00	10.69 0.89 0.00	17.18 1.19 0.00	22.73 1.56 0.00	22.43 1.64 0.00	10.92 0.84 0.00	13.70 0.77 0.00	18.02 1.10 0.00	13.94 0.95 0.00	7.60 0.55 0.00	13.92 1.07 0.00	10.91 0.89 0.00	20.95 1.32 -5.40	28.15 2.10 -4.91	28.79 2.37 -2.24	36.25 2.73 -3.91	36.60 2.84 0.00	46.30 3.37 3.71	37.28 2.72 3.12	25.44 1.80 0.07	16.30 1.05 -4.84	10.85 0.85 -1.94
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	20.03 1.17 0.00	17.52 1.10 0.00	5.04 0.33 0.00	10.47 0.67 0.00	16.95 0.96 0.00	22.34 1.18 0.00	21.93 1.15 0.00	10.62 0.54 0.00	13.56 0.62 0.00	17.75 0.83 0.00	13.68 0.69 0.00	7.45 0.40 0.00	13.67 0.81 0.00	10.69 0.67 0.00	15.21 0.98 0.00	22.64 1.49 0.00	25.94 1.76 0.00	31.68 2.07 0.00	35.94 2.18 0.00	45.53 2.56 3.68	36.64 2.05 3.09	24.94 1.30 0.07	11.11 0.70 0.00	8.66 0.59 0.00
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	20.07 1.21 0.00	17.59 1.17 0.00	5.06 0.35 0.00	10.51 0.71 0.00	17.01 1.02 0.00	22.40 1.23 0.00	21.99 1.21 0.00	10.65 0.57 0.00	13.59 0.66 0.00	17.83 0.91 0.00	13.75 0.76 0.00	7.49 0.44 0.00	13.73 0.88 0.00	10.75 0.73 0.00	15.28 1.06 0.00	22.76 1.62 0.00	26.07 1.89 0.00	31.79 2.18 0.00	35.95 2.19 0.00	45.46 2.53 3.71	36.65 2.10 3.12	24.98 1.34 0.07	11.14 0.73 0.00	8.68 0.61 0.00
W50THST__13_KV_LOAD 356117	20.18 1.31 0.00	17.68 1.26 0.00	5.09 0.37 0.00	10.57 0.77 0.00	17.11 1.12 0.00	22.54 1.37 0.00	22.14 1.35 0.00	10.74 0.66 0.00	13.71 0.78 0.00	18.00 1.08 0.00	13.88 0.89 0.00	7.57 0.52 0.00	13.87 1.02 0.00	10.85 0.84 0.00	15.44 1.22 0.00	22.99 1.84 0.00	26.31 2.14 0.00	32.08 2.47 0.00	36.25 2.49 0.00	45.80 2.88 3.71	36.91 2.35 3.12	25.14 1.50 0.07	11.21 0.81 0.00	8.73 0.67 0.00
WADING RIVER_IC_1 23522	19.76 0.89 0.00	17.34 0.91 0.00	5.01 0.30 0.00	10.50 0.70 0.00	16.85 0.86 0.00	22.33 1.17 0.00	22.28 1.49 0.00	10.83 0.75 0.00	13.42 0.49 0.00	17.73 0.81 0.00	13.70 0.71 0.00	7.44 0.39 0.00	13.63 0.78 0.00	10.69 0.67 0.00	18.49 1.04 -3.22	26.63 1.89 -3.59	28.30 2.10 -2.03	35.53 2.39 -3.54	36.09 2.33 0.00	45.52 2.59 3.71	36.60 2.04 3.12	25.07 1.43 0.07	15.69 0.90 -4.38	9.70 0.74 -0.90
WADING RIVER_IC_2 23547	19.76 0.89 0.00	17.34 0.91 0.00	5.01 0.30 0.00	10.50 0.70 0.00	16.85 0.86 0.00	22.33 1.17 0.00	22.28 1.49 0.00	10.83 0.75 0.00	13.42 0.49 0.00	17.73 0.81 0.00	13.70 0.71 0.00	7.44 0.39 0.00	13.63 0.78 0.00	10.69 0.67 0.00	18.49 1.04 -3.22	26.63 1.89 -3.59	28.30 2.10 -2.03	35.53 2.39 -3.54	36.09 2.33 0.00	45.52 2.59 3.71	36.60 2.04 3.12	25.07 1.43 0.07	15.69 0.90 -4.38	9.70 0.74 -0.90
WADING RIVER_IC_3 23601	19.76 0.89 0.00	17.34 0.91 0.00	5.01 0.30 0.00	10.50 0.70 0.00	16.85 0.86 0.00	22.33 1.17 0.00	22.28 1.49 0.00	10.83 0.75 0.00	13.42 0.49 0.00	17.73 0.81 0.00	13.70 0.71 0.00	7.44 0.39 0.00	13.63 0.78 0.00	10.69 0.67 0.00	18.49 1.04 -3.22	26.63 1.89 -3.59	28.30 2.10 -2.03	35.53 2.39 -3.54	36.09 2.33 0.00	45.52 2.59 3.71	36.60 2.04 3.12	25.07 1.43 0.07	15.69 0.90 -4.38	9.70 0.74 -0.90
WALDENNY_12_KV_BK2 80841	17.88 -0.99 0.00	15.71 -0.71 0.00	4.53 -0.18 0.00	9.48 -0.32 0.00	15.39 -0.60 0.00	20.11 -1.05 0.00	19.51 -1.27 0.00	9.55 -0.53 0.00	12.49 -0.44 0.00	16.48 -0.44 0.00	12.67 -0.32 0.00	6.87 -0.18 0.00	12.41 -0.44 0.00	9.61 -0.42 0.00	13.74 -0.48 0.00	20.30 -0.84 0.00	23.02 -1.16 0.00	28.13 -1.48 0.00	32.44 -1.32 0.00	41.03 -1.39 4.22	32.85 -1.28 3.55	22.26 -1.16 0.30	3.04 -0.51 6.85	2.50 -0.39 5.18
WALDEN___HYDRO 24148	20.01 1.14 0.00	17.50 1.08 0.00	5.03 0.32 0.00	10.46 0.66 0.00	16.94 0.95 0.00	22.33 1.17 0.00	21.93 1.14 0.00	10.61 0.54 0.00	13.53 0.59 0.00	17.68 0.76 0.00	13.61 0.62 0.00	7.41 0.36 0.00	13.58 0.73 0.00	10.63 0.61 0.00	15.11 0.88 0.00	22.49 1.34 0.00	25.79 1.62 0.00	31.56 1.95 0.00	35.86 2.11 0.00	45.53 2.56 3.67	36.66 2.07 3.08	24.95 1.31 0.07	11.11 0.70 0.00	8.65 0.58 0.00
WARRENSBURG____ 23737	19.72 0.86 0.00	17.21 0.78 0.00	4.94 0.23 0.00	10.30 0.50 0.00	16.73 0.74 0.00	22.08 0.91 0.00	21.83 1.05 0.00	10.49 0.41 0.00	13.38 0.45 0.00	17.39 0.47 0.00	13.27 0.28 0.00	7.24 0.19 0.00	13.21 0.36 0.00	10.28 0.26 0.00	14.42 0.20 0.00	21.39 0.25 0.00	24.75 0.57 0.00	30.33 0.71 0.00	34.70 0.94 0.00	43.84 1.30 4.10	35.36 1.13 3.45	24.19 0.57 0.08	10.76 0.35 0.00	8.38 0.31 0.00
WATERSIDE___6 8 9 23538	20.11 1.24 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.54 0.74 0.00	17.06 1.07 0.00	22.45 1.28 0.00	22.06 1.28 0.00	10.69 0.61 0.00	13.63 0.70 0.00	17.87 0.95 0.00	13.78 0.79 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.77 0.75 0.00	15.31 1.09 0.00	22.78 1.64 0.00	26.09 1.91 0.00	31.80 2.19 0.00	35.95 2.19 0.00	45.45 2.52 3.71	36.65 2.10 3.12	25.02 1.39 0.07	11.17 0.76 0.00	8.69 0.63 0.00
WATKINRD_115KV_LN8_ILLION 55919	18.98 0.11 0.00	16.60 0.18 0.00	4.77 0.06 0.00	9.93 0.13 0.00	16.15 0.15 0.00	21.32 0.15 0.00	20.88 0.10 0.00	10.01 -0.07 0.00	12.73 -0.20 0.00	16.56 -0.36 0.00	12.71 -0.27 0.00	6.91 -0.13 0.00	12.64 -0.21 0.00	9.87 -0.15 0.00	14.00 -0.23 0.00	20.81 -0.33 0.00	23.92 -0.26 0.00	29.42 -0.19 0.00	33.64 -0.12 0.00	41.65 -0.14 4.85	33.50 -0.10 4.08	23.62 0.00 0.10	10.48 0.07 0.00	8.15 0.09 0.00

WDELAWARE___HYD 323627	19.45 0.58 0.00	16.99 0.57 0.00	4.89 0.18 0.00	10.16 0.36 0.00	16.47 0.48 0.00	21.71 0.55 0.00	21.34 0.56 0.00	10.34 0.26 0.00	13.17 0.23 0.00	17.18 0.26 0.00	13.21 0.22 0.00	7.19 0.14 0.00	13.15 0.30 0.00	10.29 0.27 0.00	14.61 0.39 0.00	21.78 0.63 0.00	25.17 0.99 0.00	30.88 1.27 0.00	35.17 1.41 0.00	44.79 1.70 3.55	36.08 1.39 2.98	24.52 0.88 0.07	10.91 0.50 0.00	8.48 0.41 0.00
WEST BABYLON___IC 23714	20.25 1.38 0.00	17.76 1.35 0.00	5.13 0.42 0.00	10.69 0.89 0.00	17.18 1.19 0.00	22.73 1.56 0.00	22.43 1.64 0.00	10.92 0.84 0.00	13.70 0.77 0.00	18.02 1.10 0.00	13.94 0.95 0.00	7.60 0.55 0.00	13.92 1.07 0.00	10.91 0.89 0.00	20.95 1.32 -5.40	28.15 2.10 -4.91	28.79 2.37 -2.24	36.25 2.73 -3.91	36.60 2.84 0.00	46.30 3.37 3.71	37.28 2.72 3.12	25.44 1.80 0.07	16.30 1.05 -4.84	10.85 0.85 -1.94
WEST CANADA___HYD 24049	18.84 -0.02 0.00	16.48 0.06 0.00	4.74 0.03 0.00	9.85 0.05 0.00	16.05 0.06 0.00	21.18 0.01 0.00	20.75 -0.03 0.00	10.02 -0.05 0.00	12.83 -0.10 0.00	16.75 -0.17 0.00	12.87 -0.12 0.00	6.99 -0.06 0.00	12.76 -0.09 0.00	9.95 -0.07 0.00	14.13 -0.10 0.00	21.00 -0.15 0.00	24.01 -0.17 0.00	29.41 -0.20 0.00	33.55 -0.21 0.00	41.46 -0.32 4.85	33.30 -0.30 4.08	23.45 -0.16 0.10	10.40 -0.01 0.00	8.09 0.02 0.00
WESTERN_NY_WIND 24143	18.21 -0.66 0.00	15.96 -0.46 0.00	4.61 -0.10 0.00	9.63 -0.17 0.00	15.64 -0.35 0.00	20.51 -0.66 0.00	19.97 -0.81 0.00	9.76 -0.31 0.00	12.69 -0.25 0.00	16.61 -0.31 0.00	12.71 -0.28 0.00	6.87 -0.17 0.00	12.43 -0.42 0.00	9.62 -0.39 0.00	13.77 -0.45 0.00	20.35 -0.79 0.00	23.14 -1.03 0.00	28.37 -1.24 0.00	32.84 -0.91 0.00	41.85 -0.60 4.19	33.74 -0.41 3.52	23.01 -0.49 0.21	6.05 -0.22 4.14	4.76 -0.18 3.13
WESTOVER___LESR 323668	18.74 -0.13 0.00	16.45 0.03 0.00	4.72 0.01 0.00	9.84 0.04 0.00	16.00 0.01 0.00	21.03 -0.13 0.00	20.56 -0.23 0.00	9.95 -0.12 0.00	12.79 -0.15 0.00	16.73 -0.19 0.00	12.88 -0.11 0.00	6.98 -0.07 0.00	12.75 -0.10 0.00	9.93 -0.09 0.00	14.11 -0.12 0.00	20.98 -0.17 0.00	23.95 -0.23 0.00	29.36 -0.25 0.00	33.52 -0.24 0.00	42.28 -0.27 4.10	33.91 -0.32 3.45	23.37 -0.29 0.05	11.32 -0.06 -0.97	8.77 -0.04 -0.74
WETHRSFD_WT_PWR 323626	17.84 -1.03 0.00	15.69 -0.73 0.00	4.51 -0.20 0.00	9.42 -0.38 0.00	15.32 -0.67 0.00	20.05 -1.12 0.00	19.42 -1.37 0.00	9.44 -0.64 0.00	12.26 -0.67 0.00	16.15 -0.77 0.00	12.46 -0.53 0.00	6.74 -0.30 0.00	12.18 -0.67 0.00	9.43 -0.59 0.00	13.47 -0.75 0.00	19.95 -1.20 0.00	22.66 -1.51 0.00	27.81 -1.80 0.00	32.08 -1.68 0.00	40.76 -1.79 4.09	32.56 -1.67 3.44	21.16 -1.58 0.96	-18.66 -0.68 28.39	-13.91 -0.53 21.44
WHAVSTOR_138KV_BK127 55557	19.99 1.12 0.00	17.48 1.06 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.91 0.92 0.00	22.30 1.13 0.00	21.88 1.10 0.00	10.59 0.52 0.00	13.52 0.58 0.00	17.70 0.78 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.63 0.78 0.00	10.66 0.64 0.00	15.17 0.94 0.00	22.57 1.42 0.00	25.86 1.68 0.00	31.58 1.97 0.00	35.81 2.05 0.00	45.36 2.40 3.68	36.51 1.93 3.09	24.86 1.23 0.07	11.08 0.67 0.00	8.64 0.57 0.00
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	19.99 1.12 0.00	17.48 1.06 0.00	5.03 0.32 0.00	10.45 0.65 0.00	16.91 0.92 0.00	22.30 1.13 0.00	21.88 1.10 0.00	10.59 0.52 0.00	13.52 0.58 0.00	17.70 0.78 0.00	13.64 0.65 0.00	7.43 0.38 0.00	13.63 0.78 0.00	10.66 0.64 0.00	15.17 0.94 0.00	22.57 1.42 0.00	25.86 1.68 0.00	31.58 1.97 0.00	35.81 2.05 0.00	45.36 2.40 3.68	36.51 1.93 3.09	24.86 1.23 0.07	11.08 0.67 0.00	8.64 0.57 0.00
WHITEHAL_115KV_TB1 80871	20.38 1.52 0.00	17.78 1.36 0.00	5.10 0.39 0.00	10.66 0.86 0.00	17.24 1.24 0.00	22.52 1.35 0.00	22.14 1.36 0.00	10.46 0.38 0.00	13.29 0.36 0.00	17.23 0.30 0.00	13.07 0.08 0.00	7.19 0.13 0.00	13.29 0.44 0.00	10.37 0.35 0.00	14.52 0.30 0.00	21.57 0.43 0.00	25.05 0.87 0.00	30.65 1.03 0.00	35.12 1.36 0.00	45.84 3.31 4.10	37.21 2.98 3.45	24.95 1.32 0.08	11.22 0.81 0.00	8.67 0.60 0.00
WHITEPLN_13_KV_LOAD 356215	20.18 1.31 0.00	17.65 1.23 0.00	5.07 0.36 0.00	10.55 0.75 0.00	17.07 1.08 0.00	22.50 1.33 0.00	22.11 1.33 0.00	10.72 0.64 0.00	13.68 0.74 0.00	17.93 1.00 0.00	13.81 0.82 0.00	7.52 0.47 0.00	13.79 0.94 0.00	10.79 0.77 0.00	15.35 1.12 0.00	22.86 1.71 0.00	26.18 2.01 0.00	31.97 2.36 0.00	36.24 2.48 0.00	45.89 2.96 3.71	36.93 2.37 3.12	25.15 1.51 0.07	11.21 0.80 0.00	8.73 0.66 0.00
WM_FLOYD_69_KV_BK2 356380	19.95 1.08 0.00	17.50 1.08 0.00	5.06 0.35 0.00	10.59 0.79 0.00	17.00 1.01 0.00	22.52 1.35 0.00	22.36 1.58 0.00	10.87 0.79 0.00	13.54 0.60 0.00	17.84 0.91 0.00	13.78 0.79 0.00	7.50 0.45 0.00	13.74 0.89 0.00	10.77 0.75 0.00	18.64 1.15 -3.26	26.75 1.99 -3.62	28.46 2.25 -2.03	35.73 2.58 -3.54	36.37 2.61 0.00	45.94 3.02 3.71	36.95 2.40 3.12	25.26 1.62 0.07	15.79 0.99 -4.39	9.79 0.80 -0.92
WOODARD___115KV_TB2 355635	18.58 -0.29 0.00	16.24 -0.18 0.00	4.67 -0.04 0.00	9.72 -0.08 0.00	15.83 -0.16 0.00	20.85 -0.32 0.00	20.42 -0.36 0.00	9.89 -0.19 0.00	12.69 -0.25 0.00	16.58 -0.34 0.00	12.76 -0.23 0.00	6.92 -0.13 0.00	12.58 -0.27 0.00	9.79 -0.22 0.00	13.92 -0.30 0.00	20.72 -0.42 0.00	23.72 -0.46 0.00	29.10 -0.51 0.00	33.28 -0.48 0.00	44.17 -0.60 1.87	35.58 -0.52 1.57	23.30 -0.37 0.04	10.28 -0.13 0.00	7.99 -0.08 0.00
WOODMERE_69_KV_BK1 55827	20.40 1.53 0.00	17.90 1.48 0.00	5.16 0.45 0.00	10.71 0.92 0.00	17.25 1.26 0.00	22.80 1.63 0.00	22.43 1.64 0.00	10.90 0.82 0.00	13.78 0.85 0.00	18.12 1.20 0.00	14.01 1.02 0.00	7.65 0.60 0.00	14.01 1.16 0.00	10.97 0.95 0.00	44.83 1.38 -29.22	41.32 2.11 -18.07	29.87 2.40 -3.29	38.07 2.73 -5.73	36.61 2.85 0.00	46.31 3.38 3.71	37.23 2.68 3.12	25.38 1.75 0.07	18.50 0.99 -7.10	22.57 0.81 -13.69
YORK___WARBASSE 23770	20.13 1.27 0.00	17.62 1.20 0.00	5.07 0.36 0.00	10.55 0.76 0.00	17.10 1.11 0.00	22.51 1.34 0.00	22.12 1.34 0.00	10.70 0.62 0.00	13.64 0.70 0.00	17.86 0.94 0.00	13.77 0.78 0.00	7.51 0.46 0.00	13.77 0.92 0.00	10.78 0.76 0.00	15.33 1.10 0.00	22.80 1.65 0.00	26.12 1.95 0.00	31.87 2.26 0.00	36.02 2.26 0.00	45.53 2.60 3.71	36.73 2.18 3.12	25.09 1.45 0.07	11.18 0.77 0.00	8.70 0.64 0.00