

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion					02/18/2025		
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00		
59TH STREET_GT_1	24138	144.06	142.39	138.88	139.25	144.06	150.32	163.23	183.18	178.90	161.37	152.88	151.50	147.92	143.88	146.33	150.90	164.58	207.64	219.87	202.57	191.01	161.64	162.01	159.55		
		8.86	8.66	8.56	8.47	8.71	10.44	11.71	11.76	14.09	12.42	11.84	12.44	11.33	11.09	11.08	11.39	13.58	15.31	15.15	14.67	13.49	12.03	12.62	11.33		
		-21.64	-19.71	-16.30	-16.29	-20.75	-0.74	-8.81	-28.04	-8.28	-16.74	-18.97	-12.22	-22.22	-20.84	-23.40	-23.31	-0.13	-1.00	0.00	0.00	0.00	-11.24	-0.80	-8.22		
74TH STREET_GT_1	24260	144.06	142.40	138.65	139.14	143.95	150.18	162.52	182.90	178.27	161.11	152.52	151.24	147.47	143.43	145.77	150.55	164.58	208.02	220.69	202.94	191.37	161.37	161.72	159.28		
		8.86	8.67	8.32	8.36	8.60	10.30	10.99	11.47	13.46	12.16	11.48	12.18	10.87	10.64	10.51	11.04	13.58	15.69	15.97	15.03	13.85	11.76	12.33	11.06		
		-21.65	-19.71	-16.30	-16.30	-20.75	-0.74	-8.81	-28.04	-8.28	-16.75	-18.97	-12.22	-22.22	-20.84	-23.41	-23.31	-0.13	-1.00	0.00	0.00	0.00	-11.25	-0.80	-8.22		
74TH STREET_GT_2	24261	144.06	142.40	138.65	139.14	143.95	150.18	162.52	182.90	178.27	161.11	152.52	151.24	147.47	143.43	145.77	150.55	164.58	208.02	220.69	202.94	191.37	161.37	161.72	159.28		
		8.86	8.67	8.32	8.36	8.60	10.30	10.99	11.47	13.46	12.16	11.48	12.18	10.87	10.64	10.51	11.04	13.58	15.69	15.97	15.03	13.85	11.76	12.33	11.06		
		-21.65	-19.71	-16.30	-16.30	-20.75	-0.74	-8.81	-28.04	-8.28	-16.75	-18.97	-12.22	-22.22	-20.84	-23.41	-23.31	-0.13	-1.00	0.00	0.00	0.00	-11.25	-0.80	-8.22		
ADK HUDSON___FALLS	24011	150.98	148.70	144.51	145.13	151.10	158.34	204.61	270.42	262.27	201.51	157.62	153.81	152.49	147.89	150.79	155.96	165.94	220.59	223.96	205.76	193.86	200.85	171.48	171.46		
		10.11	9.81	9.92	10.08	10.31	12.94	13.56	13.34	15.34	12.69	11.60	11.54	10.07	9.63	9.40	10.34	14.48	18.37	19.24	17.85	16.33	13.14	14.12	12.74		
		-27.31	-24.87	-20.57	-20.56	-26.19	-6.25	-48.34	-113.70	-90.40	-56.62	-23.94	-15.42	-28.05	-26.30	-29.55	-29.42	-0.59	-10.89	0.00	0.00	0.00	-49.34	-8.78	-18.72		
ADK RESOURCE___RCVRY	23798	151.45	149.28	145.09	145.71	151.70	158.93	205.72	271.92	263.70	202.54	158.25	154.58	152.97	148.37	151.37	156.57	166.85	222.18	225.39	206.88	195.11	201.90	172.27	172.22		
		10.56	10.37	10.48	10.65	10.89	13.49	14.41	14.34	16.28	13.49	12.21	12.30	10.52	10.08	9.95	10.92	15.40	19.90	20.67	18.97	17.58	13.97	14.86	13.44		
		-27.33	-24.89	-20.58	-20.58	-26.20	-6.29	-48.59	-114.20	-90.90	-56.85	-23.96	-15.44	-28.07	-26.33	-29.57	-29.45	-0.59	-10.95	0.00	0.00	0.00	-49.56	-8.83	-18.78		
ADK S GLENS___FALLS	24028	150.98	148.70	144.51	145.13	151.10	158.34	204.61	270.42	262.27	201.51	157.62	153.81	152.49	147.89	150.79	155.96	165.94	220.59	223.96	205.76	193.86	200.85	171.48	171.46		
		10.11	9.81	9.92	10.08	10.31	12.94	13.56	13.34	15.34	12.69	11.60	11.54	10.07	9.63	9.40	10.34	14.48	18.37	19.24	17.85	16.33	13.14	14.12	12.74		
		-27.31	-24.87	-20.57	-20.56	-26.19	-6.25	-48.34	-113.70	-90.40	-56.62	-23.94	-15.42	-28.05	-26.30	-29.55	-29.42	-0.59	-10.89	0.00	0.00	0.00	-49.34	-8.78	-18.72		
ADK_NYS___DAM	23527	147.64	145.66	141.39	142.00	148.00	153.61	187.90	240.31	231.40	185.73	153.36	150.23	148.88	144.62	147.74	152.73	162.48	211.15	217.00	199.56	188.90	186.21	165.83	165.20		
		7.73	7.64	7.52	7.67	8.14	10.02	9.71	9.61	10.49	8.99	8.18	8.50	7.43	7.27	7.38	8.13	11.16	12.06	12.28	11.65	11.37	10.24	11.00	9.52		
		-26.35	-24.00	-19.85	-19.84	-25.26	-4.44	-35.47	-87.31	-64.39	-44.54	-23.11	-14.88	-27.07	-25.39	-28.51	-28.39	-0.45	-7.76	0.00	0.00	0.00	-37.61	-6.25	-15.68		
AIR_PRODUCTS___DRP	24190	143.50	141.62	137.80	138.16	143.60	146.86	174.27	211.04	201.50	170.03	148.87	145.67	144.79	140.73	143.64	147.18	154.36	199.27	207.59	190.91	180.19	168.16	155.78	157.25		
		3.52	3.53	3.88	3.78	3.67	4.45	4.28	3.73	4.54	3.97	3.66	3.93	3.32	3.36	3.24	2.56	3.17	3.06	2.87	3.01	2.66	2.77	3.27	4.06		
		-26.42	-24.06	-19.90	-19.89	-25.33	-3.26	-27.27	-63.92	-40.43	-33.86	-23.13	-14.90	-27.10	-25.42	-28.55	-28.43	-0.32	-4.87	0.00	0.00	0.00	-27.03	-3.93	-13.19		
AKWESSNE_115KV_BK	355683	112.08	112.31	112.42	112.77	112.77	136.92	140.15	141.52	153.40	129.42	119.63	124.18	112.55	110.39	110.28	113.88	147.55	189.23	203.29	186.22	176.46	136.01	145.61	137.62		
		-1.48	-1.71	-1.60	-1.72	-1.83	-2.23	-2.57	-1.86	-3.13	-2.78	-2.44	-2.66	-1.83	-1.57	-1.57	-2.32	-3.32	-2.10	-1.43	-1.69	-1.07	-2.35	-2.97	-2.38		
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
ALBANY_1_SOLAR	323833	144.85	143.02	139.04	139.53	144.88	148.14	170.68	201.52	191.90	165.98	149.56	146.30	145.23	141.07	144.14	148.42	157.46	201.51	211.47	194.48	183.91	165.72	157.64	158.27		
		5.34	5.36	5.47	5.50	5.39	6.54	6.43	5.88	6.42	5.29	4.76	4.82	4.23	4.14	4.25	4.30	6.34	6.69	6.75	6.57	6.38	5.54	6.24	6.44		
		-25.96	-23.64	-19.55	-19.54	-24.89	-2.45	-21.54	-52.25	-28.95	-28.48	-22.72	-14.64	-26.62	-24.97	-28.04	-27.92	-0.26	-3.49	0.00	0.00	0.00	-21.81	-2.81	-11.83		
ALBANY_2_SOLAR	323834	144.74	143.02	139.04	139.53	144.88	148.14	170.52	201.51	191.88	165.97	149.44	146.30	145.24	141.07	144.03	148.43	157.46	201.51	211.47	194.48	183.91	165.72	157.64	158.27		
		5.23	5.36	5.47	5.50	5.39	6.54	6.27	5.88	6.42	5.29	4.64	4.82	4.23	4.14	4.14	4.30	6.34	6.69	6.75	6.57	6.38	5.54	6.24	6.44		
		-25.96	-23.64	-19.55	-19.54	-24.89	-2.45	-21.53	-52.24	-28.94	-28.48	-22.73	-14.64	-26.62	-24.97	-28.04	-27.93	-0.26	-3.49	0.00	0.00	0.00	-21.81	-2.81	-11.83		
ALBANY___1	23571	143.50	141.62	137.80	138.16	143.60	146.86	174.27	211.04	201.50	170.03	148.87	145.67	144.79	140.73	143.64	147.18	154.36	199.27	207.59	190.91	180.19	168.16	155.78	157.25		
		3.52	3.53	3.88	3.78	3.67	4.45	4.28	3.73	4.54	3.97	3.66	3.93	3.32	3.36	3.24	2.56	3.17	3.06	2.87	3.01	2.66	2.77	3.27	4.06		
		-26.42	-24.06	-19.90	-19.89	-25.33	-3.26	-27.27	-63.92	-40.43	-33.86	-23.13	-14.90	-27.10	-25.42	-28.55	-28.43	-0.32	-4.87	0.00	0.00	0.00	-27.03	-3.93	-13.19		

ALBANY___2 23572	143.50 3.52 -26.42	141.62 3.53 -24.06	137.80 3.88 -19.90	138.16 3.78 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.27 4.28 -27.27	211.04 3.73 -63.92	201.50 4.54 -40.43	170.03 3.97 -33.86	148.87 3.66 -23.13	145.67 3.93 -14.90	144.79 3.32 -27.10	140.73 3.36 -25.42	143.64 3.24 -28.55	147.18 2.56 -28.43	154.36 3.17 -0.32	199.27 3.06 -4.87	207.59 2.87 0.00	190.91 3.01 0.00	180.19 2.66 0.00	168.16 2.77 -27.03	155.78 3.27 -3.93	157.25 4.06 -13.19
ALBANY___3 23573	143.50 3.52 -26.42	141.62 3.53 -24.06	137.80 3.88 -19.90	138.16 3.78 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.27 4.28 -27.27	211.04 3.73 -63.92	201.50 4.54 -40.43	170.03 3.97 -33.86	148.87 3.66 -23.13	145.67 3.93 -14.90	144.79 3.32 -27.10	140.73 3.36 -25.42	143.64 3.24 -28.55	147.18 2.56 -28.43	154.36 3.17 -0.32	199.27 3.06 -4.87	207.59 2.87 0.00	190.91 3.01 0.00	180.19 2.66 0.00	168.16 2.77 -27.03	155.78 3.27 -3.93	157.25 4.06 -13.19
ALBANY___4 23574	143.50 3.52 -26.42	141.62 3.53 -24.06	137.80 3.88 -19.90	138.16 3.78 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.27 4.28 -27.27	211.04 3.73 -63.92	201.50 4.54 -40.43	170.03 3.97 -33.86	148.87 3.66 -23.13	145.67 3.93 -14.90	144.79 3.32 -27.10	140.73 3.36 -25.42	143.64 3.24 -28.55	147.18 2.56 -28.43	154.36 3.17 -0.32	199.27 3.06 -4.87	207.59 2.87 0.00	190.91 3.01 0.00	180.19 2.66 0.00	168.16 2.77 -27.03	155.78 3.27 -3.93	157.25 4.06 -13.19
ALBANY___LFGE 323615	144.89 4.66 -26.68	142.88 4.57 -24.29	138.90 4.79 -20.09	139.38 4.81 -20.08	144.88 4.70 -25.58	149.01 5.71 -4.16	182.03 5.71 -33.60	229.76 5.15 -81.21	220.47 6.10 -57.84	179.26 5.29 -41.77	150.47 5.01 -23.39	147.11 5.20 -15.07	146.36 4.58 -27.40	142.01 4.36 -25.70	145.07 4.36 -28.86	148.89 3.95 -28.74	156.41 5.13 -0.41	203.47 5.17 -6.97	209.63 4.91 0.00	192.78 4.88 0.00	182.13 4.61 0.00	177.45 4.29 -34.79	158.96 4.75 -5.62	160.42 5.32 -15.11
ALCOA_PA_115KV_PL-6C 55860	112.20 -1.36 0.00	112.31 -1.71 0.00	112.42 -1.60 0.00	112.54 -1.95 0.00	112.42 -2.18 0.00	136.36 -2.78 0.00	139.72 -3.00 0.00	142.24 -1.15 0.00	153.08 -3.44 0.00	129.03 -3.17 0.00	119.15 -2.93 0.00	123.67 -3.17 0.00	112.55 -1.83 0.00	110.61 -1.34 0.00	110.50 -1.34 0.00	113.29 -2.90 0.00	146.79 -4.07 0.00	189.80 -1.53 0.00	203.90 -0.82 0.00	186.59 -1.32 0.00	176.82 -0.71 0.00	135.46 -2.91 0.00	145.02 -3.57 0.00	137.20 -2.80 0.00
ALCOA_RYNLDS___DRP 24188	112.20 -1.36 0.00	112.31 -1.71 0.00	112.42 -1.60 0.00	112.54 -1.95 0.00	112.42 -2.18 0.00	136.36 -2.78 0.00	139.72 -3.00 0.00	142.24 -1.15 0.00	153.08 -3.44 0.00	129.03 -3.17 0.00	119.15 -2.93 0.00	123.67 -3.17 0.00	112.55 -1.83 0.00	110.61 -1.34 0.00	110.50 -1.34 0.00	113.29 -2.90 0.00	146.79 -4.07 0.00	189.80 -1.53 0.00	203.90 -0.82 0.00	186.59 -1.32 0.00	176.82 -0.71 0.00	135.46 -2.91 0.00	145.02 -3.57 0.00	137.20 -2.80 0.00
ALCOA___DSASP 323711	112.20 -1.36 0.00	112.31 -1.71 0.00	112.31 -1.71 0.00	112.54 -1.95 0.00	112.42 -2.18 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	142.24 -1.15 0.00	153.08 -3.44 0.00	129.16 -3.04 0.00	119.15 -2.93 0.00	123.68 -3.17 0.00	112.32 -2.06 0.00	110.50 -1.46 0.00	110.39 -1.46 0.00	113.07 -3.13 0.00	146.49 -4.38 0.00	190.00 -1.33 0.00	204.31 -0.41 0.00	186.97 -0.93 0.00	177.00 -0.53 0.00	135.45 -2.91 0.00	145.02 -3.57 0.00	137.20 -2.80 0.00
ALLEGHENY___COGEN 23514	116.93 -0.79 -4.16	116.89 -0.92 -3.79	116.36 -0.79 -3.13	117.05 -0.57 -3.13	118.36 -0.23 -3.99	139.18 0.00 -0.03	142.96 0.00 -0.24	143.85 -0.43 -0.89	145.47 -1.72 9.34	127.73 -3.04 1.43	118.85 -4.03 -0.80	123.03 -4.31 -0.51	108.09 -4.69 1.60	108.03 -4.81 -0.88	107.83 -4.48 -0.46	113.93 -3.25 -0.99	149.66 -1.21 0.00	191.51 0.19 0.01	190.50 1.24 15.45	163.87 -1.12 22.92	147.33 -2.12 28.08	138.96 -1.65 -2.25	147.39 -1.19 0.00	139.51 -0.83 -0.35
ALTAMONT_115KV_TB 2 55880	144.15 4.20 -26.39	142.27 4.22 -24.03	138.23 4.33 -19.87	138.71 4.35 -19.87	144.14 4.24 -25.30	147.01 5.29 -2.57	170.45 5.28 -22.45	204.47 5.16 -55.92	194.77 5.95 -32.30	167.59 5.16 -30.23	149.95 4.76 -23.11	146.67 4.95 -14.89	145.80 4.35 -27.07	141.60 4.25 -25.39	144.62 4.25 -28.52	149.01 4.42 -28.40	156.88 5.73 -0.28	201.54 6.31 -3.89	211.07 6.35 0.00	194.11 6.20 0.00	183.21 5.68 0.00	166.92 5.12 -23.44	157.22 5.50 -3.14	157.51 5.18 -12.33
ALTONA_WT_PWR 323606	112.31 -1.25 0.00	112.66 -1.36 0.00	112.77 -1.25 0.00	113.12 -1.37 0.00	113.23 -1.37 0.00	137.62 -1.53 0.00	139.86 -2.85 0.00	141.38 -2.01 0.00	153.40 -3.13 0.00	129.29 -2.91 0.00	119.15 -2.93 0.00	123.54 -3.30 0.00	111.86 -2.52 0.00	109.60 -2.36 0.00	109.49 -2.35 0.00	113.30 -2.90 0.00	147.10 -3.77 0.00	189.61 -1.73 0.00	204.11 -0.61 0.00	186.79 -1.12 0.00	176.64 -0.88 0.00	136.01 -2.35 0.00	145.62 -2.97 0.00	137.48 -2.52 0.00
AMERICAN_REF_FUEL 24010	105.08 -12.27 -3.79	105.15 -12.32 -3.45	104.67 -12.20 -2.85	105.43 -11.91 -2.85	106.31 -11.92 -3.63	123.87 -15.31 -0.03	124.87 -18.27 -0.42	124.41 -20.65 -1.67	129.17 -21.60 5.75	114.00 -18.24 -0.05	106.27 -17.33 -1.53	110.32 -17.50 -0.98	98.83 -15.78 -0.24	97.41 -16.23 -1.68	97.54 -15.88 -1.57	101.94 -16.15 -1.88	130.50 -20.37 -0.01	164.92 -26.41 0.01	167.29 -28.04 9.39	145.61 -28.19 14.10	133.98 -26.27 17.27	120.20 -20.21 -2.04	129.42 -19.17 0.00	124.38 -16.24 -0.62
ARKWRIGHT___SUMMIT_WT_PWR 323751	107.66 -10.11 -4.21	107.93 -9.92 -3.83	107.16 -10.03 -3.17	108.04 -9.62 -3.17	109.01 -9.63 -4.04	127.35 -11.83 -0.04	130.57 -12.56 -0.41	130.36 -14.63 -1.60	136.46 -12.83 7.23	120.88 -10.97 0.35	113.89 -9.65 -1.46	117.88 -9.89 -0.93	104.63 -9.49 0.25	103.60 -9.96 -1.61	104.18 -9.06 -1.39	109.05 -8.94 -1.80	138.95 -11.92 -0.01	176.21 -15.12 0.01	177.02 -15.97 11.74	154.32 -15.97 17.62	139.86 -15.98 21.69	129.17 -11.48 -2.28	137.00 -11.59 0.00	129.39 -11.20 -0.59
ARTHUR KILL_GT_1 23520	143.39 8.18 -21.65	141.72 7.98 -19.72	137.97 7.64 -16.31	138.35 7.55 -16.30	143.16 7.80 -20.76	149.21 9.32 -0.75	162.24 10.71 -8.81	357.54 10.89 -203.25	353.32 13.30 -183.50	348.80 11.76 -204.84	216.96 11.11 -83.78	250.85 11.66 -112.35	186.18 10.52 -61.29	193.32 10.29 -71.07	145.54 10.18 -23.52	179.36 10.81 -52.35	379.12 12.82 -215.43	381.90 14.36 -176.21	394.47 14.54 -175.21	385.14 14.10 -183.13	373.44 12.79 -183.13	325.98 11.75 -175.86	161.29 11.89 -0.81	158.73 10.51 -8.23
ARTHUR_KILL_2 23512	143.04 7.83 -21.65	141.38 7.64 -19.72	137.63 7.30 -16.31	138.01 7.22 -16.30	142.81 7.44 -20.76	148.80 8.91 -0.75	161.81 10.28 -8.81	357.10 10.46 -203.25	352.70 12.67 -183.50	348.41 11.37 -204.84	216.60 10.75 -83.78	250.48 11.28 -112.35	185.84 10.18 -61.29	192.99 9.96 -71.07	145.21 9.84 -23.52	179.01 10.46 -52.35	378.67 12.37 -215.43	381.33 13.78 -176.21	393.86 13.93 -175.21	384.58 13.54 -183.13	372.89 12.24 -183.13	325.57 11.35 -175.86	160.84 11.44 -0.81	158.31 10.09 -8.23
ARTHUR_KILL_3 23513	125.42 7.49 -4.36	124.52 7.30 -3.19	124.52 7.07 -3.42	124.40 6.98 -2.93	126.41 7.22 -4.58	124.54 8.63 23.23	124.40 9.56 27.88	311.67 9.89 -158.39	307.24 12.05 -138.66	315.47 10.70 -172.57	191.74 10.13 -59.54	228.27 10.66 -90.77	161.72 9.61 -37.73	169.24 9.41 -47.87	124.63 9.40 -3.38	154.52 9.76 -28.56	347.57 11.32 -185.38	275.90 12.63 -71.94	264.14 12.49 -46.93	277.55 12.04 -77.60	314.34 11.01 -125.81	295.14 10.24 -146.54	124.40 10.40 34.58	124.54 9.38 24.83

ARTHUR_KILL_COGEN 323718	143.39 8.18 -21.65	141.72 7.98 -19.72	137.97 7.64 -16.31	138.35 7.55 -16.30	143.16 7.80 -20.76	149.21 9.32 -0.75	162.24 10.71 -8.81	357.54 10.89 -203.25	353.32 13.30 -183.50	348.80 11.76 -204.84	216.96 11.11 -83.78	250.85 11.66 -112.35	186.18 10.52 -61.29	193.32 10.29 -71.07	145.54 10.18 -23.52	179.36 10.81 -52.35	379.12 12.82 -215.43	381.90 14.36 -176.21	394.47 14.54 -175.21	385.14 14.10 -183.13	373.44 12.79 -183.13	325.98 11.75 -175.86	161.29 11.89 -0.81	158.73 10.51 -8.23
ASHOKAN____ 23654	141.18 3.40 -24.21	139.26 3.19 -22.05	135.57 3.31 -18.24	136.15 3.43 -18.23	141.14 3.33 -23.22	145.79 4.73 -1.92	166.05 5.85 -17.48	193.62 6.16 -44.08	185.16 6.42 -22.21	161.80 5.15 -24.45	147.43 4.15 -21.20	144.67 4.18 -13.65	142.64 3.43 -24.83	138.60 3.36 -23.29	141.47 3.47 -26.16	146.42 4.18 -26.05	163.46 12.37 -0.22	201.46 7.45 -2.68	213.12 8.40 0.00	195.23 7.32 0.00	184.98 7.45 0.00	162.29 5.68 -18.25	156.08 5.34 -2.16	155.01 4.48 -10.54
ASTORIA_EAST_ENERGY_CC1 323581	144.63 9.42 -21.65	143.09 9.35 -19.72	139.68 9.35 -16.31	140.06 9.27 -16.30	144.76 9.40 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.33 12.53 -8.27	160.45 11.50 -16.75	152.66 11.60 -18.98	151.25 12.18 -12.23	147.48 10.87 -22.23	143.33 10.52 -20.85	145.77 10.51 -23.41	150.56 11.04 -23.32	163.37 12.37 -0.13	206.49 14.16 -1.00	219.05 14.33 0.00	201.81 13.90 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
ASTORIA_EAST_ENERGY_CC2 323582	144.63 9.42 -21.65	143.20 9.46 -19.72	139.68 9.35 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.33 12.53 -8.27	160.45 11.50 -16.75	152.52 11.47 -18.98	151.25 12.18 -12.23	147.48 10.87 -22.23	143.22 10.41 -20.85	145.67 10.40 -23.41	150.56 11.04 -23.32	163.37 12.37 -0.13	206.49 14.16 -1.00	219.05 14.33 0.00	201.81 13.90 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
ASTORIA_GT2_1 24094	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT2_2 24095	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT2_3 24096	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT2_4 24097	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT3_1 24098	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT3_2 24099	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT3_3 24100	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT3_4 24101	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT4_1 24102	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT4_2 24103	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT4_3 24104	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23

ASTORIA_GT4_4 24105	144.64 9.43 -21.65	143.09 9.35 -19.72	139.57 9.24 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.88 10.99 -0.75	162.37 10.85 -8.81	181.90 10.47 -28.04	176.86 12.05 -8.28	160.19 11.24 -16.76	152.53 11.48 -18.98	151.12 12.05 -12.23	147.13 10.52 -22.23	143.22 10.41 -20.85	145.55 10.29 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.26 14.92 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.24 11.62 -11.25	161.29 11.89 -0.81	159.84 11.62 -8.23
ASTORIA_GT_1 23523	144.86 9.65 -21.65	143.32 9.58 -19.72	139.91 9.58 -16.31	140.29 9.50 -16.30	144.99 9.63 -20.76	151.03 11.14 -0.75	162.67 11.14 -8.81	182.32 10.89 -28.04	177.78 12.98 -8.27	160.71 11.76 -16.75	152.89 11.84 -18.98	151.51 12.44 -12.23	147.70 11.09 -22.23	143.55 10.75 -20.85	146.00 10.74 -23.41	150.78 11.27 -23.32	163.82 12.82 -0.13	207.07 14.73 -1.00	219.66 14.94 0.00	202.38 14.47 0.00	190.48 12.95 0.00	161.09 11.48 -11.25	161.59 12.19 -0.81	159.43 11.20 -8.23
ASTORIA_GT_10 24110	144.07 8.86 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.33 10.90 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.86 11.80 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.28 11.06 -8.23
ASTORIA_GT_11 24225	144.07 8.86 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.33 10.90 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.86 11.80 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.28 11.06 -8.23
ASTORIA_GT_12 24226	144.07 8.86 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.33 10.90 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.86 11.80 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.28 11.06 -8.23
ASTORIA_GT_13 24227	144.07 8.86 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.33 10.90 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.86 11.80 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.28 11.06 -8.23
ASTORIA_GT_5 24106	144.87 9.65 -21.65	143.32 9.58 -19.72	139.79 9.46 -16.31	140.30 9.50 -16.30	144.99 9.63 -20.76	151.16 11.27 -0.75	162.66 11.13 -8.81	182.18 10.75 -28.04	177.33 12.52 -8.28	160.45 11.50 -16.76	152.77 11.72 -18.98	151.37 12.30 -12.23	147.36 10.75 -22.23	143.44 10.64 -20.85	145.89 10.63 -23.42	150.79 11.27 -23.32	164.58 13.58 -0.13	207.64 15.31 -1.00	220.28 15.56 0.00	202.94 15.03 0.00	191.02 13.49 0.00	161.51 11.90 -11.25	161.58 12.18 -0.81	160.12 11.90 -8.23
ASTORIA_GT_7 24107	144.87 9.65 -21.65	143.32 9.58 -19.72	139.79 9.46 -16.31	140.30 9.50 -16.30	144.99 9.63 -20.76	151.16 11.27 -0.75	162.66 11.13 -8.81	182.18 10.75 -28.04	177.33 12.52 -8.28	160.45 11.50 -16.76	152.77 11.72 -18.98	151.37 12.30 -12.23	147.36 10.75 -22.23	143.44 10.64 -20.85	145.89 10.63 -23.42	150.79 11.27 -23.32	164.58 13.58 -0.13	207.64 15.31 -1.00	220.28 15.56 0.00	202.94 15.03 0.00	191.02 13.49 0.00	161.51 11.90 -11.25	161.58 12.18 -0.81	160.12 11.90 -8.23
ASTORIA_GT_8 24108	144.87 9.65 -21.65	143.32 9.58 -19.72	139.79 9.46 -16.31	140.30 9.50 -16.30	144.99 9.63 -20.76	151.16 11.27 -0.75	162.66 11.13 -8.81	182.18 10.75 -28.04	177.33 12.52 -8.28	160.45 11.50 -16.76	152.77 11.72 -18.98	151.37 12.30 -12.23	147.36 10.75 -22.23	143.44 10.64 -20.85	145.89 10.63 -23.42	150.79 11.27 -23.32	164.58 13.58 -0.13	207.64 15.31 -1.00	220.28 15.56 0.00	202.94 15.03 0.00	191.02 13.49 0.00	161.51 11.90 -11.25	161.58 12.18 -0.81	160.12 11.90 -8.23
ASTORIA___2 24149	144.63 9.42 -21.65	143.20 9.46 -19.72	139.68 9.35 -16.31	140.18 9.39 -16.30	144.76 9.40 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.47 12.67 -8.27	160.45 11.50 -16.75	152.66 11.60 -18.98	151.25 12.18 -12.23	147.48 10.87 -22.23	143.33 10.52 -20.85	145.77 10.51 -23.41	150.56 11.04 -23.32	163.52 12.52 -0.13	206.69 14.36 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
ASTORIA___3 23516	144.08 8.86 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	182.62 11.19 -28.04	178.27 13.46 -8.28	165.00 12.03 -20.77	152.52 11.47 -18.98	151.12 12.06 -12.23	150.56 10.87 -25.31	150.56 10.64 -27.96	145.89 10.63 -23.41	150.56 11.04 -23.32	164.12 13.12 -0.13	206.87 14.53 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.32 12.79 0.00	161.51 11.90 -11.25	161.72 12.33 -0.81	159.28 11.06 -8.23
ASTORIA___4 23517	144.07 8.86 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.33 10.90 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.86 11.80 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.28 11.06 -8.23
ASTORIA___5 23518	144.08 8.86 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	182.62 11.19 -28.04	178.27 13.46 -8.28	165.00 12.03 -20.77	152.52 11.47 -18.98	151.12 12.06 -12.23	150.56 10.87 -25.31	150.56 10.64 -27.96	145.89 10.63 -23.41	150.56 11.04 -23.32	164.12 13.12 -0.13	206.87 14.53 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.32 12.79 0.00	161.51 11.90 -11.25	161.72 12.33 -0.81	159.28 11.06 -8.23
AST_ENERGY_2_CC3 323677	143.49 8.29 -21.64	141.83 8.10 -19.71	138.18 7.86 -16.30	138.57 7.79 -16.30	143.37 8.02 -20.75	149.35 9.47 -0.74	162.09 10.56 -8.81	182.32 10.89 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.90 10.86 -18.97	150.48 11.42 -12.22	147.00 10.41 -22.22	142.88 10.08 -20.84	145.43 10.18 -23.41	150.08 10.57 -23.31	163.07 12.07 -0.13	205.72 13.39 -1.00	218.02 13.30 0.00	200.69 12.78 0.00	189.42 11.90 0.00	160.54 10.93 -11.25	160.54 11.15 -0.80	158.30 10.09 -8.22
AST_ENERGY_2_CC4 323678	143.49 8.29 -21.64	141.83 8.10 -19.71	138.18 7.86 -16.30	138.57 7.79 -16.30	143.37 8.02 -20.75	149.35 9.47 -0.74	162.09 10.56 -8.81	182.32 10.89 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.90 10.86 -18.97	150.48 11.42 -12.22	147.00 10.41 -22.22	142.88 10.08 -20.84	145.43 10.18 -23.41	150.08 10.57 -23.31	163.07 12.07 -0.13	205.72 13.39 -1.00	218.02 13.30 0.00	200.69 12.78 0.00	189.42 11.90 0.00	160.54 10.93 -11.25	160.54 11.15 -0.80	158.30 10.09 -8.22

ATHENS_STG_1 23668	142.28 4.99 -23.73	140.77 5.14 -21.61	136.91 5.01 -17.88	137.39 5.03 -17.87	142.39 5.04 -22.76	145.75 5.98 -0.63	157.37 6.27 -8.38	177.69 6.30 -28.00	170.17 7.36 -6.29	155.78 6.48 -17.11	148.98 6.10 -20.80	146.70 6.47 -13.40	144.46 5.72 -24.37	140.40 5.60 -22.85	143.10 5.59 -25.67	147.68 5.92 -25.56	158.24 7.24 -0.13	199.75 7.66 -0.76	212.08 7.36 0.00	195.43 7.52 0.00	184.44 6.92 0.00	156.10 6.64 -11.09	156.18 6.99 -0.61	154.87 6.15 -8.72
ATHENS_STG_2 23670	142.28 4.99 -23.73	140.77 5.14 -21.61	136.91 5.01 -17.88	137.39 5.03 -17.87	142.39 5.04 -22.76	145.75 5.98 -0.63	157.37 6.27 -8.38	177.69 6.30 -28.00	170.17 7.36 -6.29	155.78 6.48 -17.11	148.98 6.10 -20.80	146.70 6.47 -13.40	144.46 5.72 -24.37	140.40 5.60 -22.85	143.10 5.59 -25.67	147.68 5.92 -25.56	158.24 7.24 -0.13	199.75 7.66 -0.76	212.08 7.36 0.00	195.43 7.52 0.00	184.44 6.92 0.00	156.10 6.64 -11.09	156.18 6.99 -0.61	154.87 6.15 -8.72
ATHENS_STG_3 23677	142.28 4.99 -23.73	140.77 5.14 -21.61	136.91 5.01 -17.88	137.39 5.03 -17.87	142.39 5.04 -22.76	145.75 5.98 -0.63	157.37 6.27 -8.38	177.69 6.30 -28.00	170.17 7.36 -6.29	155.78 6.48 -17.11	148.98 6.10 -20.80	146.70 6.47 -13.40	144.46 5.72 -24.37	140.40 5.60 -22.85	143.10 5.59 -25.67	147.68 5.92 -25.56	158.24 7.24 -0.13	199.75 7.66 -0.76	212.08 7.36 0.00	195.43 7.52 0.00	184.44 6.92 0.00	156.10 6.64 -11.09	156.18 6.99 -0.61	154.87 6.15 -8.72
AUBURN___LFGE 323710	115.74 -1.02 -3.20	115.91 -1.03 -2.91	115.40 -1.03 -2.41	115.98 -0.92 -2.41	116.87 -0.80 -3.07	138.48 -0.70 -0.03	143.62 0.00 -0.91	146.95 -0.14 -3.70	158.55 -0.16 -2.18	135.49 -0.40 -3.69	124.91 -0.61 -3.45	128.30 -0.76 -2.22	117.86 -1.14 -4.63	114.40 -1.34 -3.79	114.77 -1.45 -4.37	119.39 -1.05 -4.23	150.29 -0.60 -0.03	190.95 -0.38 0.00	208.25 -0.41 -3.94	192.32 -0.94 -5.35	182.83 -1.24 -6.55	139.18 -0.97 -1.78	147.55 -1.04 0.00	140.20 -1.12 -1.33
BABYLON_RES_REC 323704	147.17 10.33 -23.27	147.18 10.27 -22.90	144.84 10.14 -20.67	144.63 10.08 -20.06	147.29 10.32 -22.37	151.99 11.82 -1.02	176.85 13.12 -21.02	198.19 13.63 -41.17	180.96 15.65 -8.78	162.29 13.35 -16.74	153.73 12.70 -18.96	152.12 13.07 -12.21	148.71 12.12 -22.21	147.28 11.75 -23.57	149.77 11.85 -26.07	153.93 12.55 -25.18	169.60 15.23 -3.50	220.45 18.19 -10.93	231.22 18.63 -7.87	219.14 17.48 -13.76	206.33 15.98 -12.82	190.84 13.84 -38.64	175.43 14.41 -12.43	165.28 13.02 -12.26
BABYLON__69_KV_BK2 356345	148.64 11.81 -23.27	148.66 11.74 -22.90	146.21 11.52 -20.67	146.12 11.56 -20.06	148.89 11.92 -22.37	154.22 14.05 -1.03	178.15 14.41 -21.02	200.19 15.63 -41.18	182.69 17.37 -8.79	164.14 15.20 -16.74	155.08 14.04 -18.96	153.52 13.15 -12.21	149.75 12.99 -22.22	148.51 12.97 -23.57	150.89 13.83 -26.07	155.21 13.83 -25.18	171.87 17.50 -3.50	223.89 21.62 -10.93	235.11 22.52 -7.87	222.71 21.05 -13.76	209.52 19.17 -12.82	192.78 15.77 -38.64	177.51 16.49 -12.43	167.24 14.98 -12.26
BALL_HILL_WT_PWR 323825	107.78 -9.88 -4.10	107.95 -9.81 -3.73	107.30 -9.81 -3.09	108.08 -9.50 -3.09	109.02 -9.51 -3.93	127.21 -11.97 -0.03	130.01 -13.13 -0.42	129.69 -15.34 -1.64	135.82 -13.93 6.78	120.22 -11.77 0.21	112.95 -10.62 -1.50	117.02 -10.78 -0.96	103.99 -10.29 0.09	102.85 -10.75 -1.65	103.35 -9.95 -1.46	108.16 -9.88 -1.84	138.05 -12.82 -0.01	174.87 -16.46 0.01	176.15 -17.61 10.97	153.96 -17.47 16.47	140.00 -17.22 20.31	128.13 -12.45 -2.22	136.26 -12.33 0.00	128.84 -11.76 -0.61
BARON_WINDS___WT_PWR 323822	112.01 -6.70 -5.15	112.09 -6.62 -4.69	111.28 -6.62 -3.88	111.96 -6.41 -3.88	113.24 -6.30 -4.94	131.57 -7.79 -0.21	136.49 -7.71 -1.49	137.90 -9.03 -3.54	138.60 -8.61 9.32	122.45 -7.93 1.82	115.44 -7.57 -0.93	119.82 -7.61 -0.59	104.86 -7.43 2.08	105.04 -7.95 -1.02	104.95 -7.39 -0.49	110.38 -6.97 -1.15	142.57 -8.30 0.00	181.65 -9.96 -0.27	175.09 -10.43 19.20	148.90 -10.33 28.68	132.26 -10.11 35.15	133.98 -7.20 -2.81	141.39 -7.43 -0.23	133.23 -7.42 -0.65
BARRETT_IC_1 23704	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_10 23701	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_11 23702	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_12 23703	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_2 23705	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_3 23706	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_4 23707	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27

BARRETT_IC_5 23708	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_6 23709	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_7 23710	146.37 9.54 -23.27	146.26 9.35 -22.90	143.81 9.12 -20.67	143.71 9.16 -20.06	146.37 9.40 -22.37	151.43 11.27 -1.02	175.57 11.85 -21.01	196.60 12.04 -41.17	179.40 14.09 -8.78	161.37 12.43 -16.74	152.64 11.60 -18.96	151.23 12.18 -12.21	147.69 11.09 -22.22	146.50 10.97 -23.57	148.77 10.85 -26.07	152.77 11.39 -25.18	168.55 14.18 -3.50	218.53 16.26 -10.93	228.97 16.38 -7.87	217.26 15.60 -13.76	204.90 14.56 -12.82	189.46 12.45 -38.64	174.10 13.08 -12.43	164.02 11.76 -12.26
BARRETT_IC_8 23711	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT_IC_9 23700	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT___1 23545	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BARRETT___2 23546	146.37 9.54 -23.27	146.27 9.35 -22.90	143.92 9.23 -20.67	143.72 9.16 -20.06	146.37 9.40 -22.37	151.15 10.99 -1.02	175.73 11.99 -21.02	196.74 12.18 -41.17	179.71 14.39 -8.79	161.37 12.42 -16.75	152.88 11.84 -18.97	151.50 12.44 -12.22	147.93 11.33 -22.22	146.62 11.09 -23.58	148.89 10.97 -26.08	153.01 11.62 -25.19	168.25 13.87 -3.51	217.96 15.69 -10.93	228.14 15.55 -7.87	216.70 15.04 -13.76	204.36 14.02 -12.82	189.60 12.59 -38.65	174.11 13.08 -12.44	164.03 11.76 -12.27
BATAVIA__115KV_TB1 55881	110.18 -6.93 -3.55	110.30 -6.96 -3.23	109.85 -6.84 -2.67	110.64 -6.53 -2.67	111.59 -6.42 -3.40	130.69 -8.49 -0.03	133.01 -10.13 -0.43	133.17 -11.90 -1.68	139.07 -12.37 5.09	121.30 -11.10 -0.21	112.87 -10.74 -1.53	116.79 -11.04 -0.98	104.39 -10.41 -0.42	102.90 -10.75 -1.69	103.50 -9.95 -1.61	108.09 -9.99 -1.89	138.20 -12.67 -0.01	176.40 -14.92 0.01	178.80 -17.61 8.31	159.23 -16.16 12.52	145.88 -16.33 15.31	127.82 -12.45 -1.90	137.15 -11.44 0.00	130.95 -9.66 -0.61
BAYONEEC___CTG1 323682	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG10 323750	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG2 323683	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG3 323684	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG4 323685	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG5 323686	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG6 323687	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58

BAYONEEC___CTG7 323688	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 12.96 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG8 323689	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BAYONEEC___CTG9 323749	135.53 8.06 -13.91	134.20 7.86 -12.32	132.20 7.64 -10.54	132.47 7.67 -10.31	135.91 7.80 -13.51	138.48 9.32 9.99	145.52 10.41 7.61	159.04 10.61 -5.04	154.64 12.84 14.72	144.59 11.37 -1.02	139.86 10.75 -7.03	139.01 11.28 -0.89	137.13 10.30 -12.46	134.84 9.96 -12.92	136.19 9.95 -14.39	138.84 10.46 -12.17	146.24 12.21 16.84	156.13 13.39 48.60	157.68 13.30 60.34	150.57 12.96 50.29	160.89 12.08 28.71	144.67 10.93 4.62	144.70 11.15 15.04	143.50 10.09 6.58
BEACON___LESR 323632	145.53 5.56 -26.40	143.65 5.59 -24.04	139.60 5.70 -19.89	140.09 5.72 -19.88	145.64 5.73 -25.32	149.71 7.23 -3.34	177.79 7.27 -27.80	212.07 6.60 -62.09	202.77 7.67 -38.58	171.82 6.61 -33.01	151.15 5.98 -23.09	148.06 6.34 -14.88	146.81 5.38 -27.05	142.48 5.15 -25.37	145.60 5.26 -28.50	149.46 4.88 -28.38	157.66 6.48 -0.31	203.25 7.27 -4.65	212.08 7.36 0.00	194.86 6.96 0.00	184.10 6.57 0.00	170.10 5.54 -26.20	158.57 6.24 -3.75	159.70 6.72 -12.98
BEAVER RIVER___HYD 24048	116.16 1.59 -1.01	116.53 1.60 -0.92	116.26 1.48 -0.76	116.63 1.38 -0.76	117.06 1.49 -0.97	141.66 2.51 -0.01	146.36 3.42 -0.23	148.91 4.59 -0.93	160.90 4.38 0.00	135.23 2.78 -0.25	125.40 2.44 -0.88	129.70 2.29 -0.57	117.24 1.82 -1.03	114.38 1.45 -0.97	114.17 1.23 -1.09	118.68 1.40 -1.09	153.13 2.27 0.00	196.30 4.97 0.00	210.66 5.94 0.00	192.61 4.70 0.00	181.43 3.90 0.00	140.57 2.21 0.00	151.26 2.68 0.00	143.42 3.08 -0.34
BEEBEE_GT_13 23619	111.79 -4.88 -3.12	111.84 -5.02 -2.84	111.46 -4.90 -2.35	112.14 -4.69 -2.35	113.01 -4.58 -2.99	132.91 -6.26 -0.03	136.01 -7.14 -0.43	136.50 -8.60 -1.71	142.44 -10.33 3.76	123.62 -9.12 -0.54	115.24 -8.42 -1.58	119.23 -8.63 -1.02	106.75 -8.46 -0.84	105.41 -8.28 -1.74	105.32 -8.28 -1.74	110.13 -8.02 -1.95	140.77 -10.11 -0.01	179.47 -11.86 0.00	184.42 -14.13 6.17	165.31 -13.34 9.25	152.89 -13.31 11.32	130.20 -9.82 -1.66	139.52 -9.06 0.00	133.49 -7.14 -0.63
BENSHRST_27_KV_BENSHRST_1 355998	144.75 9.54 -21.65	142.98 9.24 -19.72	139.22 8.89 -16.31	139.61 8.82 -16.30	144.42 9.05 -20.76	150.88 10.99 -0.75	163.37 11.85 -8.81	358.97 12.33 -203.25	354.58 14.56 -183.50	350.26 13.22 -204.84	218.19 12.33 -83.78	252.26 13.06 -112.35	187.45 11.78 -61.29	194.56 11.53 -71.07	146.66 11.30 -23.52	180.52 11.97 -52.35	381.08 14.78 -215.43	384.57 17.03 -176.21	397.54 17.61 -175.21	387.76 16.72 -183.13	375.92 15.27 -183.13	327.23 13.01 -175.86	162.92 13.52 -0.81	160.26 12.04 -8.23
BETHLEHEM___GRP 23843	143.50 3.52 -26.42	141.62 3.53 -24.06	137.80 3.88 -19.90	138.16 3.78 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.27 4.28 -27.27	211.04 3.73 -63.92	201.50 4.54 -40.43	170.03 3.97 -33.86	148.87 3.66 -23.13	145.67 3.93 -14.90	144.79 3.32 -27.10	140.73 3.36 -25.42	143.64 3.24 -28.55	147.18 2.56 -28.43	154.36 3.17 -0.32	199.27 3.06 -4.87	207.59 2.87 0.00	190.91 3.01 0.00	180.19 2.66 0.00	168.16 2.77 -27.03	155.78 3.27 -3.93	157.25 4.06 -13.19
BETHLEHEM___GS1 323560	143.51 3.52 -26.42	141.62 3.54 -24.06	137.68 3.76 -19.90	138.15 3.77 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.26 4.28 -27.27	211.18 3.87 -63.92	201.50 4.54 -40.43	170.03 3.96 -33.87	148.87 3.66 -23.14	145.68 3.94 -14.90	144.91 3.43 -27.10	140.62 3.25 -25.42	143.75 3.35 -28.55	147.30 2.67 -28.43	154.50 3.31 -0.32	199.08 2.87 -4.87	207.19 2.47 0.00	190.54 2.63 0.00	180.01 2.48 0.00	168.16 2.77 -27.03	155.78 3.26 -3.93	157.25 4.06 -13.19
BETHLEHEM___GS2 323561	143.51 3.52 -26.42	141.62 3.54 -24.06	137.68 3.76 -19.90	138.15 3.77 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.26 4.28 -27.27	211.18 3.87 -63.92	201.50 4.54 -40.43	170.03 3.96 -33.87	148.87 3.66 -23.14	145.68 3.94 -14.90	144.91 3.43 -27.10	140.62 3.25 -25.42	143.75 3.35 -28.55	147.30 2.67 -28.43	154.50 3.31 -0.32	199.08 2.87 -4.87	207.19 2.47 0.00	190.54 2.63 0.00	180.01 2.48 0.00	168.16 2.77 -27.03	155.78 3.26 -3.93	157.25 4.06 -13.19
BETHLEHEM___GS3 323562	143.51 3.52 -26.42	141.62 3.54 -24.06	137.68 3.76 -19.90	138.15 3.77 -19.89	143.60 3.67 -25.33	146.86 4.45 -3.26	174.26 4.28 -27.27	211.18 3.87 -63.92	201.50 4.54 -40.43	170.03 3.96 -33.87	148.87 3.66 -23.14	145.68 3.94 -14.90	144.91 3.43 -27.10	140.62 3.25 -25.42	143.75 3.35 -28.55	147.30 2.67 -28.43	154.50 3.31 -0.32	199.08 2.87 -4.87	207.19 2.47 0.00	190.54 2.63 0.00	180.01 2.48 0.00	168.16 2.77 -27.03	155.78 3.26 -3.93	157.25 4.06 -13.19
BETHLEHEM___STEEL 23779	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.91 -9.62 -3.04	108.73 -9.74 -3.87	127.63 -11.55 -0.03	129.29 -13.84 -0.42	129.54 -15.49 -1.63	135.49 -14.40 6.63	119.84 -12.16 0.20	112.68 -10.86 -1.47	116.74 -11.04 -0.94	103.43 -10.87 0.08	102.49 -11.08 -1.61	102.77 -10.51 -1.43	107.78 -10.23 -1.81	136.99 -13.88 -0.01	173.53 -17.79 0.01	173.97 -20.06 10.69	153.35 -18.41 16.14	139.36 -18.29 19.88	127.40 -13.14 -2.18	135.81 -12.78 0.00	128.41 -12.18 -0.60
BETHLHEM_115KV_TB1 79974	143.59 3.63 -26.40	141.71 3.65 -24.04	137.78 3.88 -19.88	138.26 3.89 -19.88	143.69 3.78 -25.31	146.83 4.59 -3.10	173.26 4.42 -26.12	209.19 4.01 -61.79	199.50 4.70 -38.28	169.32 4.23 -32.89	149.10 3.91 -23.11	145.79 4.06 -14.89	145.00 3.55 -27.08	140.82 3.47 -25.39	143.84 3.47 -28.52	147.51 2.90 -28.40	154.80 3.62 -0.31	199.58 3.64 -4.61	208.20 3.48 0.00	191.48 3.57 0.00	180.72 3.20 0.00	167.62 3.18 -26.07	155.87 3.57 -3.72	157.15 4.20 -12.96
BETHPAGE_CC_5 323564	146.83 10.00 -23.27	146.72 9.81 -22.90	144.38 9.69 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.58 11.41 -1.02	176.43 12.70 -21.02	197.61 13.05 -41.17	180.49 15.18 -8.78	162.03 13.09 -16.74	153.62 12.58 -18.96	152.12 13.07 -12.22	148.60 12.01 -22.21	147.28 11.75 -23.57	149.66 11.74 -26.07	153.82 12.44 -25.18	169.46 15.09 -3.50	219.86 17.59 -10.93	230.39 17.80 -7.87	218.58 16.92 -13.76	205.97 15.63 -12.82	190.71 13.70 -38.64	175.29 14.27 -12.43	165.00 12.74 -12.26
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	107.53 -10.11 -4.08	107.70 -10.03 -3.71	107.06 -10.03 -3.07	107.83 -9.73 -3.07	108.77 -9.74 -3.91	127.91 -11.27 -0.03	129.72 -13.42 -0.42	130.11 -14.91 -1.64	136.77 -12.99 6.77	120.86 -11.10 0.23	113.77 -9.77 -1.47	117.88 -9.89 -0.94	104.42 -9.84 0.12	103.38 -10.19 -1.61	103.77 -9.51 -1.43	108.82 -9.18 -1.80	138.35 -12.52 -0.01	175.06 -16.26 0.01	175.60 -18.22 10.90	154.71 -16.72 16.47	140.38 -16.86 20.28	128.53 -12.04 -2.21	136.70 -11.89 0.00	128.83 -11.76 -0.60

BINGHAMTON___COGEN 23790	119.67 -1.14 -7.25	119.60 -1.03 -6.60	118.45 -1.03 -5.46	119.03 -0.92 -5.46	120.64 -0.92 -6.95	138.77 -0.70 -0.32	145.47 -0.57 -3.33	152.98 -0.29 -9.88	157.14 -0.16 -0.77	136.43 -0.40 -4.63	127.29 -0.37 -5.58	130.06 -0.38 -3.59	119.38 -0.80 -5.80	117.53 -0.56 -6.14	117.69 -0.89 -6.74	122.60 -0.46 -6.86	150.61 -0.30 -0.04	191.18 -0.57 -0.42	199.55 -0.82 4.35	180.26 -0.94 6.70	168.06 -1.24 8.22	142.10 -0.42 -4.15	148.48 -0.45 -0.34	141.70 -0.84 -2.54
BIXINCNT_115KV_LOAD 355685	108.76 -9.08 -4.28	108.91 -9.01 -3.90	108.24 -9.01 -3.22	109.13 -8.59 -3.22	110.11 -8.60 -4.10	130.28 -9.04 -0.18	133.26 -10.85 -1.39	133.38 -11.61 -1.60	141.21 -7.83 7.50	125.16 -6.61 0.42	117.89 -5.62 -1.42	122.04 -5.71 -0.91	107.95 -6.06 0.37	106.70 -6.83 -1.57	107.25 -5.93 -1.34	112.61 -5.35 -1.76	143.33 -7.54 -0.01	180.61 -10.71 0.01	181.38 -11.26 12.08	158.91 -10.71 18.29	144.03 -11.01 22.49	133.22 -7.47 -2.32	140.56 -8.02 0.00	131.20 -9.38 -0.58
BLACK RIVER___HYD 24047	118.86 3.86 -1.43	119.20 3.88 -1.31	118.75 3.65 -1.08	119.12 3.55 -1.08	119.87 3.90 -1.37	144.73 5.57 -0.01	150.03 6.99 -0.33	152.73 8.02 -1.32	164.97 8.45 0.00	138.37 5.81 -0.36	128.34 5.01 -1.25	132.47 4.82 -0.81	119.74 3.89 -1.47	116.69 3.36 -1.38	116.75 3.35 -1.55	121.92 4.18 -1.54	157.35 6.48 0.00	201.47 10.13 0.00	216.18 11.46 0.00	197.48 9.58 0.00	185.70 8.17 0.00	143.91 5.54 0.00	154.68 6.09 0.00	146.36 5.88 -0.49
BLACKRVR_115KV_TB2 79977	118.85 3.86 -1.43	119.20 3.88 -1.31	118.75 3.65 -1.08	119.12 3.55 -1.08	119.87 3.90 -1.37	144.72 5.57 -0.01	150.03 6.99 -0.33	152.74 8.03 -1.32	164.98 8.45 0.00	138.37 5.82 -0.36	128.34 5.01 -1.25	132.47 4.82 -0.81	119.74 3.89 -1.47	116.69 3.36 -1.38	116.75 3.36 -1.55	122.04 4.30 -1.54	157.20 6.34 0.00	201.47 10.14 0.00	215.98 11.26 0.00	197.49 9.58 0.00	185.69 8.17 0.00	143.90 5.53 0.00	154.68 6.09 0.00	146.36 5.88 -0.49
BLISS_WT_PWR 323608	108.87 -8.97 -4.28	109.14 -8.78 -3.90	108.47 -8.78 -3.22	109.36 -8.35 -3.22	110.23 -8.48 -4.10	128.88 -10.44 -0.18	133.69 -10.41 -1.39	132.52 -12.48 -1.60	141.27 -7.82 7.43	125.21 -6.61 0.39	117.80 -5.74 -1.46	121.94 -5.83 -0.94	108.12 -5.95 0.30	106.63 -6.94 -1.61	107.65 -5.59 -1.39	112.66 -5.34 -1.80	142.87 -8.00 -0.01	180.99 -10.34 0.01	181.78 -10.86 12.08	159.25 -10.52 18.14	144.57 -10.65 22.30	133.35 -7.34 -2.32	140.71 -7.88 0.00	131.35 -9.24 -0.60
BLUESTONE___WT_PWR 323821	125.99 4.66 -7.77	126.00 4.90 -7.08	124.55 4.68 -5.86	124.93 4.58 -5.85	126.87 4.81 -7.45	146.23 6.54 -0.54	156.13 7.99 -5.42	166.97 8.17 -15.42	195.71 20.50 -18.69	162.20 15.33 -14.67	145.10 13.19 -9.84	145.75 12.56 -6.35	138.92 10.64 -13.91	132.50 9.74 -10.81	134.55 10.07 -12.63	140.59 12.31 -12.08	169.08 18.10 -0.12	217.79 25.25 -1.20	247.72 27.63 -15.37	233.91 24.42 -21.59	225.95 22.01 -26.42	163.91 17.43 -8.11	168.12 18.57 -0.96	161.60 16.79 -4.81
BLUE_CIRC_CHEM_DRP 24182	144.12 4.54 -26.02	142.27 4.56 -23.69	138.29 4.67 -19.60	138.77 4.69 -19.59	144.13 4.58 -24.95	147.13 5.57 -2.42	169.48 5.42 -21.34	200.43 5.02 -52.03	190.83 5.63 -28.66	165.35 4.76 -28.39	149.25 4.39 -22.78	146.08 4.57 -14.67	144.95 3.89 -26.68	140.90 3.92 -25.03	143.76 3.80 -28.11	148.02 3.83 -27.99	156.25 5.13 -0.26	200.34 5.55 -3.45	210.66 5.94 0.00	193.73 5.83 0.00	182.85 5.33 0.00	164.78 4.70 -21.71	156.72 5.35 -2.78	157.28 5.46 -11.82
BOC_GAS_DRP 24189	143.47 3.63 -26.27	141.71 3.76 -23.93	137.57 3.76 -19.79	138.05 3.78 -19.78	143.57 3.78 -25.19	145.78 4.45 -2.19	166.86 4.42 -19.72	197.62 4.30 -49.93	187.83 5.01 -26.29	164.19 4.49 -27.50	149.24 4.15 -23.01	145.98 4.31 -14.82	145.11 3.77 -26.96	141.04 3.81 -25.28	143.93 3.69 -28.39	148.19 3.72 -28.27	155.79 4.68 -0.25	199.28 4.78 -3.17	209.63 4.91 0.00	192.60 4.70 0.00	181.96 4.44 0.00	163.28 4.15 -20.76	155.75 4.61 -2.55	156.14 4.48 -11.67
BOONVILLE_115KV_TB1 79983	117.34 2.95 -0.83	117.74 2.96 -0.76	117.61 2.96 -0.63	117.98 2.86 -0.63	118.49 3.09 -0.80	143.46 4.31 -0.01	148.04 5.14 -0.19	149.75 5.59 -0.77	162.63 6.10 0.00	137.03 4.63 -0.21	126.95 4.15 -0.73	131.37 4.06 -0.47	118.66 3.43 -0.85	115.78 3.02 -0.80	115.65 2.91 -0.90	120.46 3.37 -0.89	155.54 4.68 0.00	198.03 6.70 0.00	211.89 7.17 0.00	194.11 6.20 0.00	183.03 5.50 0.00	142.52 4.15 0.00	153.34 4.75 0.00	144.90 4.62 -0.28
BORALEX_4TH_BRANCH 23824	147.63 7.72 -26.35	145.65 7.64 -24.00	141.39 7.53 -19.85	142.00 7.67 -19.84	148.00 8.14 -25.26	153.46 9.88 -4.44	187.89 9.70 -35.47	240.16 9.46 -87.31	231.40 10.49 -64.39	185.72 8.99 -44.53	153.23 8.06 -23.10	150.09 8.37 -14.88	148.88 7.43 -27.06	144.50 7.17 -25.38	147.74 7.38 -28.51	152.72 8.13 -28.39	162.63 11.32 -0.45	211.34 12.25 -7.76	217.00 12.28 0.00	199.56 11.65 0.00	188.53 11.01 0.00	186.21 10.24 -37.61	165.83 11.00 -6.25	165.20 9.52 -15.68
BOWLINE___1 23526	141.14 6.58 -20.99	139.63 6.50 -19.12	136.10 6.27 -15.81	136.59 6.29 -15.81	141.14 6.41 -20.13	147.51 7.65 -0.71	159.53 8.27 -8.54	179.16 8.60 -27.17	174.69 10.17 -8.00	157.55 9.11 -16.23	149.14 8.67 -18.40	147.83 9.14 -11.85	144.05 8.12 -21.55	140.12 7.95 -20.21	142.49 7.94 -22.70	147.18 8.37 -22.61	160.95 9.95 -0.13	203.39 11.09 -0.96	215.56 10.84 0.00	198.42 10.52 0.00	187.28 9.76 0.00	158.39 9.13 -10.90	158.73 9.37 -0.78	156.08 8.12 -7.97
BOWLINE___2 23595	141.14 6.58 -21.00	139.64 6.50 -19.12	136.10 6.27 -15.81	136.59 6.29 -15.81	141.15 6.41 -20.13	147.51 7.65 -0.71	159.53 8.27 -8.54	179.16 8.60 -27.17	174.70 10.17 -8.00	157.55 9.11 -16.23	149.14 8.67 -18.40	147.83 9.14 -11.85	144.05 8.12 -21.55	140.12 7.95 -20.21	142.49 7.94 -22.70	147.18 8.37 -22.61	160.95 9.95 -0.13	203.39 11.09 -0.96	215.56 10.84 0.00	198.42 10.52 0.00	187.28 9.76 0.00	158.39 9.13 -10.90	158.73 9.37 -0.78	156.08 8.12 -7.97
BRADY___115KV_TB2 356060	113.22 -0.34 0.00	113.33 -0.68 0.00	113.33 -0.68 0.00	113.46 -1.03 0.00	113.46 -1.15 0.00	137.75 -1.39 0.00	141.29 -1.43 0.00	143.96 0.57 0.00	154.65 -1.88 0.00	130.08 -2.12 0.00	120.00 -2.08 0.00	124.43 -2.41 0.00	113.23 -1.14 0.00	111.29 -0.67 0.00	111.06 -0.78 0.00	113.88 -2.32 0.00	147.70 -3.17 0.00	191.53 0.19 0.00	205.95 1.23 0.00	188.47 0.56 0.00	178.41 0.89 0.00	136.43 -1.94 0.00	146.21 -2.38 0.00	138.32 -1.68 0.00
BRANSCOMB___SOLAR 323811	148.89 8.18 -27.15	146.84 8.10 -24.72	142.56 8.10 -20.45	143.18 8.25 -20.44	149.11 8.48 -26.03	155.53 10.44 -5.95	199.72 10.84 -46.17	263.48 10.61 -109.48	254.67 11.89 -86.25	196.94 10.04 -54.70	154.92 9.03 -23.81	151.31 9.14 -15.34	150.27 8.00 -27.89	145.83 7.72 -26.16	148.94 7.71 -29.38	153.93 8.48 -29.25	163.21 11.78 -0.56	216.08 14.36 -10.39	219.47 14.75 0.00	201.81 13.90 0.00	190.48 12.95 0.00	196.50 10.66 -47.48	168.40 11.44 -8.38	168.59 10.36 -18.24
BRENTWOD_69_KV_W. BRTWOOD 56703	148.30 11.47 -23.27	148.32 11.40 -22.90	145.87 11.17 -20.67	145.77 11.22 -20.06	148.43 11.46 -22.37	153.53 13.36 -1.02	177.29 13.56 -21.02	199.62 15.06 -41.17	181.75 16.44 -8.78	163.48 14.54 -16.74	154.47 13.43 -18.96	152.88 13.83 -12.21	149.17 12.58 -22.22	148.07 12.54 -23.57	150.44 12.53 -26.07	154.63 13.25 -25.18	170.97 16.60 -3.50	222.55 20.28 -10.93	233.68 21.09 -7.87	221.39 19.73 -13.76	208.27 17.93 -12.82	191.81 14.81 -38.64	176.62 15.60 -12.43	166.54 14.28 -12.26

BRISTLHL_115KV_TB1 79998	116.20 0.34 -2.30	116.57 0.46 -2.09	116.20 0.46 -1.73	116.68 0.46 -1.73	117.38 0.57 -2.20	140.14 0.97 -0.02	144.95 1.71 -0.52	147.22 1.72 -2.11	158.09 1.57 0.00	133.69 0.93 -0.57	124.82 0.73 -2.01	128.90 0.76 -1.29	116.84 0.11 -2.35	114.16 0.00 -2.21	114.21 -0.11 -2.48	119.25 0.58 -2.47	152.23 1.36 0.00	193.44 2.10 0.00	206.97 2.25 0.00	189.41 1.50 0.00	178.59 1.07 0.00	139.20 0.83 0.00	149.48 0.89 0.00	141.62 0.84 -0.78
BROOKHAVEN___DRP 24191	148.42 11.58 -23.27	148.43 11.52 -22.90	145.87 11.17 -20.67	145.89 11.33 -20.06	148.55 11.57 -22.37	154.26 14.05 -1.06	178.33 14.56 -21.06	199.51 14.91 -41.21	182.41 17.06 -8.82	163.22 14.28 -16.74	154.22 13.18 -18.96	152.50 13.45 -12.21	148.72 12.12 -22.22	147.62 12.09 -23.57	150.11 12.19 -26.07	154.28 12.90 -25.18	170.36 15.99 -3.50	222.17 19.90 -10.93	232.65 20.06 -7.87	221.02 19.35 -13.76	207.92 17.58 -12.82	191.40 14.39 -38.64	176.47 15.45 -12.43	166.54 14.28 -12.26
BROOKLYN_NAVY_YARD 23515	143.39 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.34 7.55 -16.30	143.15 7.80 -20.75	149.21 9.32 -0.74	162.09 10.56 -8.81	182.47 11.04 -28.04	178.10 13.30 -8.28	160.71 11.76 -16.75	152.03 10.99 -18.97	150.72 11.66 -12.22	147.11 10.52 -22.22	143.09 10.29 -20.84	145.54 10.28 -23.41	150.31 10.81 -23.31	163.68 12.67 -0.13	206.49 14.16 -1.00	218.84 14.11 0.00	201.44 13.54 0.00	190.13 12.61 0.00	161.09 11.48 -11.25	160.99 11.60 -0.80	158.57 10.36 -8.22
BROOKLYN___ARMY_DRP 323595	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
BROOKVLE_69_KV_TB1 55790	147.17 10.33 -23.27	147.06 10.15 -22.90	144.73 10.03 -20.67	144.63 10.08 -20.06	147.17 10.20 -22.37	152.55 12.38 -1.02	176.86 13.13 -21.01	198.18 13.62 -41.17	181.12 15.81 -8.78	162.69 13.75 -16.74	153.86 12.82 -18.96	152.37 13.32 -12.21	148.72 12.12 -22.22	147.51 11.98 -23.57	149.77 11.86 -26.07	153.93 12.55 -25.18	170.21 15.84 -3.50	220.25 17.99 -10.93	231.22 18.63 -7.87	218.95 17.29 -13.76	206.68 16.33 -12.82	191.12 14.11 -38.64	175.73 14.71 -12.43	165.42 13.16 -12.26
BROOME_2_LFGE 323671	119.67 -1.14 -7.25	119.59 -1.03 -6.60	118.45 -1.03 -5.46	119.03 -0.92 -5.46	120.63 -0.92 -6.95	138.50 -0.97 -0.32	145.47 -0.57 -3.33	152.84 -0.43 -9.88	155.90 -0.16 0.47	135.77 -0.40 -3.96	126.69 -0.49 -5.10	129.74 -0.38 -3.28	118.59 -0.68 -4.90	117.01 -0.56 -5.60	117.14 -0.78 -6.07	122.12 -0.35 -6.27	150.60 -0.30 -0.04	191.18 -0.57 -0.42	199.56 -0.82 4.35	177.22 -0.93 9.75	164.34 -1.23 11.95	142.10 -0.41 -4.15	148.48 -0.44 -0.34	141.52 -0.83 -2.36
BROOME___LFGE 323600	119.67 -1.14 -7.25	119.59 -1.03 -6.60	118.45 -1.03 -5.46	119.03 -0.92 -5.46	120.63 -0.92 -6.95	138.50 -0.97 -0.32	145.47 -0.57 -3.33	152.84 -0.43 -9.88	155.90 -0.16 0.47	135.77 -0.40 -3.96	126.69 -0.49 -5.10	129.74 -0.38 -3.28	118.59 -0.68 -4.90	117.01 -0.56 -5.60	117.14 -0.78 -6.07	122.12 -0.35 -6.27	150.60 -0.30 -0.04	191.18 -0.57 -0.42	199.56 -0.82 4.35	177.22 -0.93 9.75	164.34 -1.23 11.95	142.10 -0.41 -4.15	148.48 -0.44 -0.34	141.52 -0.83 -2.36
BROWNFLS_115KV_TB_3_5 80003	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.73 -0.42 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.99 -0.11 -0.73	112.42 -0.22 -0.68	111.94 -0.67 -0.77	115.45 -1.51 -0.76	148.76 -2.11 0.00	191.72 0.38 0.00	205.95 1.23 0.00	188.28 0.38 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.04 0.00	140.10 -0.14 -0.24
BROWNSV1_27_KV_LOAD 356125	144.29 9.08 -21.64	142.62 8.89 -19.71	138.87 8.55 -16.30	139.37 8.59 -16.30	144.18 8.82 -20.75	150.60 10.71 -0.74	162.80 11.27 -8.81	183.33 11.90 -28.04	178.74 13.93 -8.28	161.37 12.43 -16.75	152.89 11.84 -18.97	151.62 12.56 -12.22	147.81 11.21 -22.22	143.77 10.97 -20.84	146.10 10.85 -23.41	150.89 11.39 -23.31	165.03 14.03 -0.13	208.59 16.26 -1.00	221.30 16.58 0.00	203.50 15.60 0.00	191.91 14.38 0.00	161.93 12.31 -11.25	162.17 12.78 -0.80	159.69 11.48 -8.22
BURROWS___LYONSDAL 23803	116.92 2.50 -0.87	117.32 2.51 -0.79	117.07 2.39 -0.65	117.55 2.40 -0.65	118.07 2.64 -0.83	142.91 3.76 -0.01	147.48 4.57 -0.20	149.35 5.16 -0.80	162.16 5.63 0.00	136.51 4.10 -0.22	126.50 3.66 -0.76	130.88 3.55 -0.49	118.24 2.97 -0.89	115.37 2.58 -0.83	115.13 2.35 -0.94	119.92 2.79 -0.93	154.94 4.07 0.00	197.27 5.93 0.00	211.27 6.55 0.00	193.54 5.64 0.00	182.50 4.97 0.00	141.96 3.60 0.00	152.75 4.16 0.00	144.49 4.20 -0.29
CAITHNESS_CC_1 323624	147.63 10.79 -23.27	147.63 10.71 -22.90	145.18 10.48 -20.67	145.08 10.53 -20.06	147.74 10.77 -22.37	152.73 12.53 -1.06	177.47 13.70 -21.06	198.51 13.90 -41.21	181.32 15.97 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.69 12.31 -25.18	169.17 14.79 -3.50	220.07 17.80 -10.93	230.20 17.61 -7.87	218.76 17.10 -13.76	205.97 15.63 -12.82	190.42 13.42 -38.64	175.29 14.27 -12.43	165.57 13.31 -12.26
CALPINE BETH_PAGE_GT4 24209	146.49 9.65 -23.27	146.49 9.58 -22.90	144.04 9.35 -20.67	143.94 9.39 -20.06	146.60 9.63 -22.37	151.71 11.55 -1.02	175.86 12.13 -21.01	197.18 12.62 -41.17	180.02 14.71 -8.78	161.76 12.82 -16.74	153.49 12.45 -18.96	151.99 12.94 -12.21	148.37 11.78 -22.22	147.17 11.64 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	169.76 15.39 -3.50	220.44 18.18 -10.93	231.22 18.63 -7.87	219.14 17.48 -13.76	206.50 16.15 -12.82	190.70 13.70 -38.64	175.28 14.26 -12.43	165.00 12.74 -12.26
CALPINE_BETH_PAGE_GT_4 323586	146.48 9.65 -23.27	146.49 9.58 -22.90	144.15 9.46 -20.67	143.94 9.39 -20.06	146.60 9.63 -22.37	151.30 11.14 -1.02	176.14 12.41 -21.02	197.32 12.76 -41.17	180.19 14.88 -8.78	161.90 12.96 -16.74	153.62 12.58 -18.96	152.12 13.07 -12.22	148.71 12.12 -22.22	147.28 11.75 -23.57	149.66 11.74 -26.07	153.82 12.44 -25.18	169.46 15.09 -3.51	219.86 17.59 -10.93	230.39 17.80 -7.87	218.58 16.92 -13.76	205.97 15.63 -12.82	190.84 13.84 -38.64	175.29 14.27 -12.43	165.00 12.74 -12.26
CALPINE_BP_GT1 23823	146.48 9.65 -23.27	146.49 9.58 -22.90	144.15 9.46 -20.67	143.94 9.39 -20.06	146.60 9.63 -22.37	151.30 11.14 -1.02	176.14 12.41 -21.02	197.32 12.76 -41.17	180.19 14.88 -8.78	161.90 12.96 -16.74	153.62 12.58 -18.96	152.12 13.07 -12.22	148.71 12.12 -22.22	147.28 11.75 -23.57	149.66 11.74 -26.07	153.82 12.44 -25.18	169.46 15.09 -3.51	219.86 17.59 -10.93	230.39 17.80 -7.87	218.58 16.92 -13.76	205.97 15.63 -12.82	190.84 13.84 -38.64	175.29 14.27 -12.43	165.00 12.74 -12.26
CALSPAN___DRP 24200	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.91 -9.62 -3.04	108.73 -9.74 -3.87	127.63 -11.55 -0.03	129.29 -13.84 -0.42	129.54 -15.49 -1.63	135.49 -14.40 6.63	119.84 -12.16 0.20	112.68 -10.86 -1.47	116.74 -11.04 -0.94	103.43 -10.87 0.08	102.49 -11.08 -1.61	102.77 -10.51 -1.43	107.78 -10.23 -1.81	136.99 -13.88 -0.01	173.53 -17.79 0.01	173.97 -20.06 10.69	153.35 -18.41 16.14	139.36 -18.29 19.88	127.40 -13.14 -2.18	135.81 -12.78 0.00	128.41 -12.18 -0.60

CALVERTON___SOLAR 323806	148.87 12.03 -23.27	148.88 11.97 -22.90	146.44 11.75 -20.67	146.35 11.79 -20.06	149.00 12.03 -22.37	154.41 14.20 -1.06	179.19 15.42 -21.06	200.37 15.77 -41.21	183.34 17.99 -8.82	163.74 14.80 -16.74	154.71 13.67 -18.96	153.01 13.95 -12.21	149.51 12.92 -22.21	148.06 12.54 -23.57	150.55 12.63 -26.07	154.85 13.47 -25.18	170.82 16.45 -3.50	222.75 20.48 -10.93	232.86 20.27 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.22 16.20 -12.43	167.25 14.99 -12.26
CANDIGU_WT_PWR 323617	112.01 -6.70 -5.15	112.09 -6.62 -4.69	111.28 -6.62 -3.88	111.96 -6.41 -3.88	113.24 -6.30 -4.94	131.57 -7.79 -0.21	136.49 -7.71 -1.49	137.90 -9.03 -3.54	138.60 -8.61 9.32	122.45 -7.93 1.82	115.44 -7.57 -0.93	119.82 -7.61 -0.59	104.86 -7.43 2.08	105.04 -7.95 -1.02	104.95 -7.39 -0.49	110.38 -6.97 -1.15	142.57 -8.30 0.00	181.65 -9.96 -0.27	175.09 -10.43 19.20	148.90 -10.33 28.68	132.26 -10.11 35.15	133.98 -7.20 -2.81	141.39 -7.43 -0.23	133.23 -7.42 -0.65
CARR STREET_E_SYR 24060	113.38 -2.61 -2.43	113.62 -2.62 -2.21	113.23 -2.62 -1.83	113.80 -2.52 -1.83	114.52 -2.41 -2.33	136.38 -2.78 -0.02	140.70 -2.56 -0.55	142.90 -2.73 -2.24	153.40 -3.13 0.00	129.89 -2.91 -0.60	121.40 -2.80 -2.12	125.30 -2.91 -1.37	114.01 -2.85 -2.49	111.38 -2.91 -2.33	111.45 -3.01 -2.62	116.14 -2.67 -2.61	147.85 -3.02 0.00	187.31 -4.03 0.00	200.63 -4.09 0.00	183.59 -4.31 0.00	172.91 -4.62 0.00	135.04 -3.32 0.00	145.17 -3.41 0.00	137.74 -3.08 -0.82
CARTHAGE___PAPER 23857	117.33 2.50 -1.27	117.57 2.40 -1.16	117.14 2.16 -0.96	117.62 2.17 -0.96	118.11 2.29 -1.22	142.77 3.61 -0.01	147.86 4.86 -0.29	150.58 6.02 -1.17	162.47 5.95 0.00	136.48 3.96 -0.32	126.60 3.41 -1.11	130.73 3.17 -0.72	118.19 2.51 -1.30	115.30 2.12 -1.22	115.23 2.02 -1.37	120.01 2.44 -1.36	154.78 3.92 0.00	198.60 7.27 0.00	213.12 8.40 0.00	194.86 6.96 0.00	183.38 5.85 0.00	141.96 3.59 0.00	152.60 4.01 0.00	144.49 4.06 -0.43
CASSADAGA_WT_PWR 323784	108.70 -9.09 -4.23	108.86 -9.01 -3.86	108.08 -9.13 -3.19	109.09 -8.59 -3.19	110.06 -8.60 -4.06	128.88 -10.44 -0.17	133.24 -10.85 -1.37	132.21 -12.76 -1.59	139.17 -10.02 7.34	123.35 -8.46 0.38	116.07 -7.45 -1.45	120.16 -7.61 -0.93	106.65 -7.43 0.29	105.49 -8.06 -1.59	106.06 -7.16 -1.37	111.13 -6.86 -1.79	141.37 -9.50 -0.01	179.28 -12.05 0.01	180.31 -12.49 11.91	157.44 -12.59 17.88	142.74 -12.78 22.00	131.53 -9.14 -2.30	139.23 -9.36 0.00	130.93 -9.66 -0.59
CE_DUNWOOD___DRP 24194	142.65 7.49 -21.60	140.99 7.30 -19.67	137.47 7.18 -16.27	137.96 7.21 -16.26	142.64 7.33 -20.71	148.65 8.77 -0.74	160.79 9.28 -8.79	181.12 9.75 -27.98	176.22 11.43 -8.27	159.09 10.18 -16.71	150.53 9.52 -18.93	149.18 10.15 -12.19	145.70 9.15 -22.17	141.71 8.96 -20.80	144.04 8.84 -23.36	148.75 9.30 -23.26	162.62 11.62 -0.13	205.53 13.20 -1.00	218.03 13.31 0.00	200.50 12.59 0.00	189.24 11.72 0.00	159.69 10.10 -11.22	159.94 10.55 -0.80	157.58 9.38 -8.20
CE_MILLWOOD___DRP 24193	142.23 7.15 -21.52	140.68 7.07 -19.59	137.07 6.84 -16.21	137.56 6.87 -16.20	142.34 7.11 -20.63	148.37 8.49 -0.73	160.47 8.99 -8.76	180.73 9.46 -27.88	175.72 10.96 -8.23	158.63 9.78 -16.65	150.21 9.28 -18.86	148.75 9.77 -12.15	145.27 8.81 -22.09	141.29 8.62 -20.72	143.62 8.50 -23.27	148.32 8.95 -23.17	162.16 11.16 -0.13	204.95 12.63 -0.99	217.62 12.90 0.00	200.12 12.21 0.00	188.71 11.18 0.00	159.37 9.82 -11.18	159.64 10.25 -0.80	157.13 8.96 -8.17
CE_NYC2_DRP 24202	144.07 8.86 -21.65	142.40 8.67 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	143.96 8.60 -20.76	150.19 10.30 -0.75	162.37 10.85 -8.81	182.47 11.04 -28.04	177.96 13.15 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.99 11.92 -12.23	150.44 10.75 -25.31	150.44 10.52 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.56 14.66 0.00	190.84 13.31 0.00	161.24 11.62 -11.25	161.58 12.18 -0.81	159.28 11.06 -8.23
CE_NYC_DRP 24195	143.49 8.29 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.18 10.75 -28.04	177.49 12.68 -8.28	160.31 11.37 -16.75	151.79 10.74 -18.97	150.48 11.42 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.21 9.95 -23.41	149.96 10.46 -23.31	163.67 12.67 -0.13	206.87 14.54 -1.00	219.26 14.54 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.68 11.07 -11.25	160.83 11.44 -0.80	158.57 10.36 -8.22
CHAFFEE___LFGE 323603	107.72 -9.99 -4.16	107.88 -9.92 -3.79	107.34 -9.81 -3.13	108.12 -9.50 -3.13	109.08 -9.51 -3.99	127.21 -11.97 -0.03	129.86 -13.27 -0.41	129.52 -15.49 -1.62	136.04 -13.46 7.02	120.41 -11.50 0.28	113.30 -10.25 -1.48	117.52 -10.27 -0.94	104.25 -9.95 0.18	103.17 -10.41 -1.62	103.77 -9.51 -1.43	108.61 -9.41 -1.82	138.35 -12.52 -0.01	175.25 -16.07 0.01	176.34 -16.99 11.39	153.70 -17.10 17.11	139.78 -16.69 21.05	128.44 -12.18 -2.25	136.56 -12.03 0.00	128.84 -11.76 -0.60
CHATEAUG_35_KV_LOAD 355732	111.63 -1.93 0.00	111.97 -2.05 0.00	112.08 -1.94 0.00	112.43 -2.06 0.00	112.54 -2.06 0.00	136.78 -2.37 0.00	139.43 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.63 -3.57 0.00	118.66 -3.42 0.00	123.04 -3.81 0.00	111.63 -2.75 0.00	109.27 -2.69 0.00	109.27 -2.57 0.00	112.95 -3.25 0.00	146.79 -4.07 0.00	188.85 -2.49 0.00	203.29 -1.43 0.00	185.84 -2.07 0.00	176.11 -1.42 0.00	135.60 -2.77 0.00	145.17 -3.42 0.00	137.06 -2.94 0.00
CHATEAUG_WT_PWR 323614	111.86 -1.70 0.00	112.08 -1.94 0.00	112.19 -1.83 0.00	112.54 -1.95 0.00	112.65 -1.95 0.00	136.91 -2.23 0.00	139.44 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.90 -3.30 0.00	118.79 -3.29 0.00	123.16 -3.68 0.00	111.52 -2.85 0.00	109.39 -2.57 0.00	109.28 -2.57 0.00	112.95 -3.25 0.00	146.64 -4.22 0.00	188.84 -2.49 0.00	203.30 -1.42 0.00	186.03 -1.88 0.00	176.10 -1.43 0.00	135.60 -2.77 0.00	145.17 -3.41 0.00	137.05 -2.95 0.00
CHAT_HIGH_FALL_HYD 323578	111.63 -1.93 0.00	111.97 -2.05 0.00	112.08 -1.94 0.00	112.43 -2.06 0.00	112.54 -2.06 0.00	136.78 -2.37 0.00	139.43 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.63 -3.57 0.00	118.66 -3.42 0.00	123.04 -3.81 0.00	111.63 -2.75 0.00	109.27 -2.69 0.00	109.27 -2.57 0.00	112.95 -3.25 0.00	146.79 -4.07 0.00	188.85 -2.49 0.00	203.29 -1.43 0.00	185.84 -2.07 0.00	176.11 -1.42 0.00	135.60 -2.77 0.00	145.17 -3.42 0.00	137.06 -2.94 0.00
CHAUTAUQUA___LFGE 323629	108.41 -9.31 -4.16	108.57 -9.23 -3.79	107.92 -9.23 -3.13	108.69 -8.93 -3.13	109.65 -8.94 -3.99	128.18 -11.00 -0.03	131.14 -11.99 -0.42	130.97 -14.05 -1.62	137.16 -12.37 7.00	121.34 -10.58 0.27	114.16 -9.40 -1.48	118.27 -9.52 -0.95	104.95 -9.26 0.16	103.96 -9.63 -1.63	104.44 -8.84 -1.43	109.31 -8.72 -1.83	139.40 -11.47 -0.01	176.78 -14.55 0.01	178.03 -15.36 11.34	155.29 -15.59 17.03	141.11 -15.45 20.97	129.54 -11.07 -2.25	137.59 -10.99 0.00	129.95 -10.65 -0.60
CHERRYST_13_KV_LD 356241	143.72 8.52 -21.64	142.05 8.32 -19.71	138.42 8.10 -16.30	138.91 8.13 -16.30	143.61 8.25 -20.75	149.90 10.02 -0.74	162.09 10.56 -8.81	182.61 11.18 -28.04	178.11 13.30 -8.28	160.84 11.90 -16.75	152.27 11.23 -18.97	150.98 11.92 -12.22	147.35 10.75 -22.22	143.32 10.52 -20.84	145.66 10.40 -23.41	150.43 10.92 -23.31	164.28 13.28 -0.13	207.64 15.31 -1.00	220.08 15.35 0.00	202.37 14.47 0.00	191.02 13.49 0.00	161.10 11.48 -11.25	161.28 11.89 -0.80	158.99 10.78 -8.22

CHESTROR_138KV_BK263 355645	139.48 5.79 -20.13	138.05 5.70 -18.33	134.77 5.59 -15.16	135.25 5.61 -15.15	139.63 5.73 -19.30	146.79 6.96 -0.68	158.17 7.28 -8.18	177.15 7.74 -26.02	173.09 8.92 -7.64	155.68 7.93 -15.55	147.16 7.45 -17.64	146.07 7.86 -11.36	142.02 6.98 -20.67	138.17 6.83 -19.38	140.44 6.82 -21.77	145.20 7.32 -21.68	160.04 9.05 -0.12	202.59 10.33 -0.92	215.16 10.44 0.00	197.87 9.96 0.00	186.58 9.05 0.00	156.83 8.03 -10.44	157.65 8.32 -0.74	154.91 7.28 -7.64
CH_MIDHUDSON___DRP 24192	142.84 7.27 -22.02	141.25 7.18 -20.05	137.67 7.07 -16.58	138.16 7.10 -16.58	142.93 7.22 -21.11	148.68 8.77 -0.77	160.98 9.13 -9.13	181.79 9.61 -28.80	176.02 10.96 -8.54	159.05 9.78 -17.07	150.40 9.03 -19.29	148.78 9.51 -12.43	145.45 8.46 -22.60	141.44 8.28 -21.20	143.93 8.28 -23.81	148.74 8.83 -23.71	162.17 11.16 -0.14	205.18 12.82 -1.03	218.03 13.31 0.00	200.31 12.40 0.00	188.89 11.36 0.00	159.80 9.96 -11.47	159.82 10.40 -0.83	157.47 9.10 -8.37
CH_MISC_IPPS 23765	142.92 7.73 -21.64	141.37 7.64 -19.71	137.84 7.52 -16.30	138.33 7.55 -16.29	142.91 7.56 -20.75	149.08 9.18 -0.76	161.65 9.99 -8.95	181.97 10.33 -28.25	176.82 11.89 -8.40	159.30 10.32 -16.78	150.66 9.64 -18.94	149.20 10.15 -12.20	145.60 9.03 -22.19	141.61 8.84 -20.81	144.06 8.83 -23.38	148.89 9.41 -23.28	162.62 11.62 -0.13	205.74 13.39 -1.01	218.44 13.72 0.00	200.86 12.96 0.00	189.42 11.90 0.00	160.46 10.80 -11.29	160.55 11.15 -0.82	157.87 9.65 -8.22
CH_RES_BVR_FALLS 23983	110.95 -2.61 0.00	111.40 -2.62 0.00	111.40 -2.62 0.00	111.86 -2.63 0.00	111.97 -2.63 0.00	135.80 -3.34 0.00	139.15 -3.56 0.00	140.23 -3.16 0.00	152.46 -4.07 0.00	128.76 -3.44 0.00	118.90 -3.17 0.00	123.42 -3.42 0.00	111.52 -2.85 0.00	109.39 -2.57 0.00	109.28 -2.57 0.00	113.07 -3.13 0.00	146.64 -4.22 0.00	187.51 -3.83 0.00	201.24 -3.48 0.00	184.71 -3.20 0.00	174.87 -2.66 0.00	135.45 -2.91 0.00	145.46 -3.13 0.00	137.33 -2.66 0.00
CH_RES_NIAGARA 23895	105.51 -11.81 -3.76	105.59 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	123.87 -15.31 -0.03	125.16 -17.98 -0.43	124.27 -20.79 -1.68	128.73 -22.07 5.72	113.60 -18.64 -0.05	106.38 -17.21 -1.51	110.31 -17.50 -0.97	98.13 -16.47 -0.22	97.17 -16.46 -1.67	97.17 -16.22 -1.54	101.80 -16.27 -1.87	129.00 -21.88 -0.01	164.16 -27.17 0.01	163.77 -31.73 9.22	144.86 -29.13 13.92	132.32 -28.05 17.16	119.77 -20.62 -2.02	129.27 -19.32 0.00	124.37 -16.24 -0.61
CH_RES_SYRACUSE 23985	115.21 -1.02 -2.68	115.54 -0.92 -2.44	115.12 -0.92 -2.02	115.58 -0.92 -2.02	116.37 -0.80 -2.57	138.34 -0.83 -0.02	143.04 -0.28 -0.61	145.42 -0.43 -2.46	155.75 -0.78 0.00	131.80 -1.06 -0.67	123.43 -0.98 -2.34	127.33 -1.02 -1.51	115.86 -1.26 -2.74	113.19 -1.34 -2.57	113.28 -1.46 -2.89	118.02 -1.05 -2.87	150.27 -0.60 0.00	190.38 -0.95 0.00	203.91 -0.82 0.00	186.60 -1.31 0.00	175.93 -1.60 0.00	137.25 -1.11 0.00	147.55 -1.03 0.00	139.93 -0.97 -0.91
CLINTON_WT_PWR 323605	111.86 -1.70 0.00	112.08 -1.94 0.00	112.19 -1.83 0.00	112.54 -1.95 0.00	112.65 -1.95 0.00	136.91 -2.23 0.00	139.44 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.90 -3.30 0.00	118.79 -3.29 0.00	123.16 -3.68 0.00	111.52 -2.85 0.00	109.39 -2.57 0.00	109.28 -2.57 0.00	112.95 -3.25 0.00	146.64 -4.22 0.00	188.84 -2.49 0.00	203.30 -1.42 0.00	186.03 -1.88 0.00	176.10 -1.43 0.00	135.60 -2.77 0.00	145.17 -3.41 0.00	137.05 -2.95 0.00
CLINTON___LFGE 323618	113.45 -0.11 0.00	113.68 -0.34 0.00	113.91 -0.11 0.00	114.37 -0.11 0.00	114.37 -0.23 0.00	139.14 0.00 0.00	141.43 -1.29 0.00	142.96 -0.43 0.00	155.12 -1.41 0.00	130.62 -1.58 0.00	120.25 -1.83 0.00	124.56 -2.28 0.00	112.89 -1.49 0.00	110.50 -1.46 0.00	110.51 -1.34 0.00	114.46 -1.74 0.00	148.61 -2.26 0.00	191.91 0.58 0.00	206.56 1.84 0.00	188.85 0.94 0.00	178.78 1.25 0.00	137.40 -0.96 0.00	147.10 -1.49 0.00	138.73 -1.26 0.00
COBBLENY_34_KV_TB1 80064	107.72 -9.99 -4.16	107.89 -9.92 -3.79	107.34 -9.81 -3.13	108.12 -9.50 -3.13	109.08 -9.51 -3.99	128.05 -11.13 -0.03	129.86 -13.27 -0.41	130.24 -14.77 -1.62	136.31 -13.15 7.07	120.65 -11.24 0.31	113.63 -9.89 -1.44	117.74 -10.02 -0.92	104.20 -9.95 0.23	103.25 -10.30 -1.59	103.61 -9.62 -1.38	108.68 -9.30 -1.78	138.20 -12.67 -0.01	175.06 -16.26 0.01	174.90 -18.42 11.39	153.77 -16.91 17.22	139.29 -17.04 21.20	128.44 -12.18 -2.25	136.55 -12.04 0.00	128.83 -11.76 -0.59
COFFEEN___115KV_TB3 355620	119.79 4.77 -1.46	120.14 4.79 -1.33	119.68 4.56 -1.10	120.06 4.47 -1.10	120.82 4.81 -1.40	145.97 6.82 -0.01	151.47 8.42 -0.33	154.06 9.32 -1.35	166.54 10.02 0.00	139.44 6.87 -0.36	129.34 5.98 -1.28	133.37 5.71 -0.82	120.45 4.58 -1.50	117.51 4.14 -1.41	117.45 4.03 -1.58	123.00 5.23 -1.57	158.71 7.85 0.00	203.39 12.05 0.00	218.03 13.31 0.00	199.37 11.46 0.00	187.47 9.94 0.00	145.15 6.78 0.00	156.02 7.43 0.00	147.63 7.14 -0.50
COLDSPRG_115KV_BK1 355956	109.40 -8.52 -4.35	109.66 -8.32 -3.97	108.86 -8.44 -3.28	109.75 -8.01 -3.28	110.75 -8.02 -4.18	131.25 -8.07 -0.18	134.69 -9.42 -1.39	137.04 -9.89 -3.55	142.64 -5.95 7.94	126.59 -5.02 0.58	119.41 -4.03 -1.36	123.65 -4.06 -0.87	109.24 -4.58 0.56	108.08 -5.37 -1.49	108.60 -4.47 -1.23	114.04 -3.83 -1.67	145.29 -5.58 -0.01	183.29 -8.04 0.01	183.71 -8.19 12.82	160.64 -7.89 19.37	145.01 -8.70 23.82	135.06 -5.67 -2.37	142.05 -6.54 0.00	132.30 -8.26 -0.56
COLONIE_LFGE___ 323577	146.72 6.36 -26.80	144.69 6.27 -24.41	140.47 6.27 -20.19	141.07 6.41 -20.18	146.83 6.53 -25.70	152.38 8.07 -5.17	191.35 7.99 -40.65	250.16 8.02 -98.75	241.23 9.07 -75.63	189.66 7.66 -49.80	152.66 7.08 -23.50	149.21 7.23 -15.14	148.31 6.40 -27.54	144.05 6.27 -25.82	147.11 6.26 -29.00	151.82 6.74 -28.88	160.58 9.20 -0.51	210.58 10.13 -9.11	215.16 10.44 0.00	197.86 9.95 0.00	186.93 9.40 0.00	189.38 8.30 -42.71	164.85 8.91 -7.34	164.98 7.98 -17.01
COOPERNY_115KV_TB1 80082	134.29 4.32 -16.41	133.18 4.22 -14.95	130.48 4.10 -12.36	130.97 4.12 -12.36	134.58 4.24 -15.74	144.86 5.15 -0.56	154.86 5.42 -6.72	170.41 5.74 -21.29	169.56 6.73 -6.30	150.89 5.95 -12.74	141.95 5.49 -14.38	141.94 5.83 -9.27	136.37 5.15 -16.85	132.80 5.04 -15.80	134.63 5.03 -17.75	139.22 5.35 -17.67	157.76 6.79 -0.10	199.75 7.65 -0.76	212.30 7.57 0.00	195.23 7.33 0.00	184.09 6.57 0.00	152.88 5.95 -8.57	155.44 6.24 -0.61	151.69 5.46 -6.23
COPENHAGEN_WT_PWR 323753	118.48 3.40 -1.51	118.82 3.42 -1.38	118.35 3.19 -1.14	118.83 3.20 -1.14	119.49 3.43 -1.45	144.16 5.00 -0.01	149.33 6.27 -0.34	151.95 7.17 -1.39	164.19 7.67 0.00	137.73 5.15 -0.38	127.92 4.52 -1.32	132.01 4.32 -0.85	119.36 3.43 -1.55	116.32 2.91 -1.45	116.38 2.90 -1.63	121.54 3.72 -1.63	156.75 5.88 0.00	200.52 9.18 0.00	215.16 10.44 0.00	196.55 8.65 0.00	184.81 7.28 0.00	143.21 4.84 0.00	154.09 5.50 0.00	145.83 5.32 -0.51
CORNELL_____ 23752	120.00 1.25 -5.19	120.00 1.25 -4.73	119.18 1.25 -3.91	119.66 1.26 -3.91	121.07 1.49 -4.98	141.60 2.23 -0.23	150.72 3.14 -4.87	163.94 3.15 -17.40	193.18 3.91 -32.74	154.37 2.51 -19.66	137.61 2.08 -13.46	137.44 1.90 -8.70	139.48 1.26 -23.85	127.75 1.01 -14.78	131.13 1.01 -18.28	134.58 1.86 -16.52	154.31 3.32 -0.12	196.51 4.78 -0.39	262.05 5.32 -52.00	265.44 4.32 -73.21	270.87 3.73 -89.61	144.70 3.04 -3.29	151.84 2.97 -0.29	147.93 2.52 -5.41

CORONA__69_KV_TB1 355595	146.71 9.88 -23.27	146.61 9.69 -22.90	144.27 9.58 -20.67	144.06 9.50 -20.06	146.71 9.74 -22.37	151.99 11.83 -1.02	176.15 12.42 -21.01	197.32 12.76 -41.17	180.18 14.87 -8.78	161.90 12.96 -16.74	153.12 12.09 -18.96	151.74 12.68 -12.21	148.03 11.44 -22.22	146.84 11.31 -23.57	149.10 11.18 -26.07	153.23 11.85 -25.18	169.31 14.94 -3.50	219.68 17.41 -10.93	230.61 18.02 -7.87	218.57 16.91 -13.76	205.97 15.62 -12.82	190.29 13.28 -38.64	174.99 13.97 -12.43	164.72 12.46 -12.26
CORTLAND__115KV_TB3 80093	118.28 0.45 -4.27	118.36 0.46 -3.89	117.69 0.46 -3.21	118.27 0.57 -3.21	119.38 0.69 -4.09	140.43 1.11 -0.18	147.02 1.71 -2.59	153.72 1.72 -8.61	168.65 2.03 -10.09	141.09 1.32 -7.57	129.18 0.98 -6.13	131.81 1.01 -3.96	124.18 0.46 -9.35	119.02 0.34 -6.73	120.08 0.22 -8.01	124.54 0.81 -7.53	152.58 1.66 -0.05	193.89 2.30 -0.26	220.75 2.25 -13.77	209.41 1.88 -19.62	202.97 1.42 -24.02	142.20 1.38 -2.45	150.13 1.34 -0.20	143.54 0.98 -2.56
COXSACKIE__GT 23611	146.51 7.73 -25.22	144.75 7.76 -22.97	140.99 7.98 -19.00	141.73 8.25 -18.99	146.80 8.02 -24.18	151.93 10.44 -2.35	174.52 11.14 -20.66	204.19 10.76 -50.04	195.01 11.11 -27.37	168.26 8.72 -27.34	151.23 7.08 -22.08	148.16 7.10 -14.22	146.18 5.94 -25.86	142.03 5.82 -24.25	145.24 6.15 -27.24	150.06 6.74 -27.13	162.89 11.78 -0.25	207.82 13.19 -3.30	219.05 14.33 0.00	200.50 12.59 0.00	189.24 11.71 0.00	168.65 9.41 -20.87	161.05 9.80 -2.66	161.21 9.80 -11.42
CPV_VALLEY__CC1 323721	137.24 4.88 -18.80	135.93 4.79 -17.12	132.85 4.68 -14.16	133.34 4.70 -14.15	137.32 4.70 -18.02	145.35 5.57 -0.64	156.47 6.13 -7.62	173.95 6.30 -24.26	171.14 7.51 -7.10	153.32 6.61 -14.52	144.89 6.34 -16.47	144.17 6.72 -10.61	139.73 6.06 -19.30	135.87 5.82 -18.10	137.99 5.81 -20.33	142.59 6.15 -20.24	158.37 7.39 -0.12	200.04 7.85 -0.85	212.50 7.78 0.00	195.61 7.71 0.00	184.44 6.92 0.00	154.75 6.64 -9.74	156.26 6.99 -0.69	153.14 6.02 -7.13
CPV_VALLEY__CC2 323722	137.24 4.88 -18.80	135.93 4.79 -17.12	132.85 4.68 -14.16	133.34 4.70 -14.15	137.32 4.70 -18.02	145.35 5.57 -0.64	156.47 6.13 -7.62	173.95 6.30 -24.26	171.14 7.51 -7.10	153.32 6.61 -14.52	144.89 6.34 -16.47	144.17 6.72 -10.61	139.73 6.06 -19.30	135.87 5.82 -18.10	137.99 5.81 -20.33	142.59 6.15 -20.24	158.37 7.39 -0.12	200.04 7.85 -0.85	212.50 7.78 0.00	195.61 7.71 0.00	184.44 6.92 0.00	154.75 6.64 -9.74	156.26 6.99 -0.69	153.14 6.02 -7.13
CRESCENT__HYD 24018	146.72 6.36 -26.80	144.69 6.27 -24.41	140.47 6.27 -20.19	141.07 6.41 -20.18	146.83 6.53 -25.70	152.38 8.07 -5.17	191.35 7.99 -40.65	250.16 8.02 -98.75	241.23 9.07 -75.63	189.66 7.66 -49.80	152.66 7.08 -23.50	149.21 7.23 -15.14	148.31 6.40 -27.54	144.05 6.27 -25.82	147.11 6.26 -29.00	151.82 6.74 -28.88	160.58 9.20 -0.51	210.58 10.13 -9.11	215.16 10.44 0.00	197.86 9.95 0.00	186.93 9.40 0.00	189.38 8.30 -42.71	164.85 8.91 -7.34	164.98 7.98 -17.01
CRICKET__VALLEY_CC1 323756	142.76 6.47 -22.73	141.10 6.38 -20.70	137.52 6.38 -17.12	137.89 6.29 -17.11	142.92 6.53 -21.79	147.80 7.79 -0.86	160.44 7.84 -9.88	182.23 8.02 -30.82	176.05 9.39 -10.13	158.62 8.20 -18.22	149.70 7.70 -19.92	147.80 8.12 -12.83	145.05 7.33 -23.34	141.02 7.17 -21.89	143.70 7.27 -24.59	148.35 7.67 -24.48	160.53 9.51 -0.15	202.50 9.94 -1.22	214.55 9.83 0.00	197.48 9.58 0.00	186.58 9.05 0.00	159.39 8.58 -12.44	158.64 9.06 -0.98	156.61 7.84 -8.78
CRICKET__VALLEY_CC2 323757	142.76 6.47 -22.73	141.10 6.38 -20.70	137.52 6.38 -17.12	137.89 6.29 -17.11	142.92 6.53 -21.79	147.80 7.79 -0.86	160.44 7.84 -9.88	182.23 8.02 -30.82	176.05 9.39 -10.13	158.62 8.20 -18.22	149.70 7.70 -19.92	147.80 8.12 -12.83	145.05 7.33 -23.34	141.02 7.17 -21.89	143.70 7.27 -24.59	148.35 7.67 -24.48	160.53 9.51 -0.15	202.50 9.94 -1.22	214.55 9.83 0.00	197.48 9.58 0.00	186.58 9.05 0.00	159.39 8.58 -12.44	158.64 9.06 -0.98	156.61 7.84 -8.78
CRICKET__VALLEY_CC3 323758	142.76 6.47 -22.73	141.10 6.38 -20.70	137.52 6.38 -17.12	137.89 6.29 -17.11	142.92 6.53 -21.79	147.80 7.79 -0.86	160.44 7.84 -9.88	182.23 8.02 -30.82	176.05 9.39 -10.13	158.62 8.20 -18.22	149.70 7.70 -19.92	147.80 8.12 -12.83	145.05 7.33 -23.34	141.02 7.17 -21.89	143.70 7.27 -24.59	148.35 7.67 -24.48	160.53 9.51 -0.15	202.50 9.94 -1.22	214.55 9.83 0.00	197.48 9.58 0.00	186.58 9.05 0.00	159.39 8.58 -12.44	158.64 9.06 -0.98	156.61 7.84 -8.78
CRUCIBLE__METL_DRP 24180	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91
DAHOWA__HYDRO 323763	149.74 8.97 -27.21	147.58 8.78 -24.78	143.29 8.78 -20.50	143.91 8.94 -20.49	149.86 9.17 -26.09	156.47 11.27 -6.06	201.55 11.84 -46.99	266.23 11.76 -111.09	257.51 13.15 -87.83	198.60 10.97 -55.43	155.95 10.01 -23.86	152.23 10.02 -15.37	151.02 8.69 -27.95	146.57 8.40 -26.21	149.68 8.39 -29.44	154.70 9.18 -29.32	164.26 12.82 -0.57	217.79 15.87 -10.58	221.10 16.38 0.00	203.12 15.21 0.00	191.73 14.21 0.00	198.18 11.62 -48.19	169.60 12.48 -8.53	169.75 11.33 -18.42
DANC__LFGE 323619	117.29 1.93 -1.80	117.59 1.94 -1.64	117.09 1.71 -1.35	117.56 1.72 -1.35	118.27 1.95 -1.72	142.09 2.93 -0.01	146.98 3.85 -0.41	149.49 4.45 -1.65	161.22 4.69 0.00	135.55 2.90 -0.45	126.21 2.57 -1.57	130.26 2.40 -1.01	118.04 1.82 -1.84	115.13 1.45 -1.73	115.13 1.35 -1.94	120.22 2.09 -1.93	154.48 3.61 0.00	196.89 5.55 0.00	211.07 6.35 0.00	192.98 5.08 0.00	181.61 4.09 0.00	140.99 2.62 0.00	151.85 3.26 0.00	143.68 3.08 -0.61
DANSKAMMER__1 23586	142.92 7.73 -21.64	141.37 7.64 -19.71	137.84 7.52 -16.30	138.33 7.55 -16.29	142.91 7.56 -20.75	149.08 9.18 -0.76	161.65 9.99 -8.95	181.97 10.33 -28.25	176.82 11.89 -8.40	159.30 10.32 -16.78	150.66 9.64 -18.94	149.20 10.15 -12.20	145.60 9.03 -22.19	141.61 8.84 -20.81	144.06 8.83 -23.38	148.89 9.41 -23.28	162.62 11.62 -0.13	205.74 13.39 -1.01	218.44 13.72 0.00	200.86 12.96 0.00	189.42 11.90 0.00	160.46 10.80 -11.29	160.55 11.15 -0.82	157.87 9.65 -8.22
DANSKAMMER__2 23589	142.92 7.73 -21.64	141.37 7.64 -19.71	137.84 7.52 -16.30	138.33 7.55 -16.29	142.91 7.56 -20.75	149.08 9.18 -0.76	161.65 9.99 -8.95	181.97 10.33 -28.25	176.82 11.89 -8.40	159.30 10.32 -16.78	150.66 9.64 -18.94	149.20 10.15 -12.20	145.60 9.03 -22.19	141.61 8.84 -20.81	144.06 8.83 -23.38	148.89 9.41 -23.28	162.62 11.62 -0.13	205.74 13.39 -1.01	218.44 13.72 0.00	200.86 12.96 0.00	189.42 11.90 0.00	160.46 10.80 -11.29	160.55 11.15 -0.82	157.87 9.65 -8.22
DANSKAMMER__3 23590	142.92 7.73 -21.64	141.37 7.64 -19.71	137.84 7.52 -16.30	138.33 7.55 -16.29	142.91 7.56 -20.75	149.08 9.18 -0.76	161.65 9.99 -8.95	181.97 10.33 -28.25	176.82 11.89 -8.40	159.30 10.32 -16.78	150.66 9.64 -18.94	149.20 10.15 -12.20	145.60 9.03 -22.19	141.61 8.84 -20.81	144.06 8.83 -23.38	148.89 9.41 -23.28	162.62 11.62 -0.13	205.74 13.39 -1.01	218.44 13.72 0.00	200.86 12.96 0.00	189.42 11.90 0.00	160.46 10.80 -11.29	160.55 11.15 -0.82	157.87 9.65 -8.22

DANSKAMMER___4 23591	142.92 7.73 -21.64	141.37 7.64 -19.71	137.84 7.52 -16.30	138.33 7.55 -16.29	142.91 7.56 -20.75	149.08 9.18 -0.76	161.65 9.99 -8.95	181.97 10.33 -28.25	176.82 11.89 -8.40	159.30 10.32 -16.78	150.66 9.64 -18.94	149.20 10.15 -12.20	145.60 9.03 -22.19	141.61 8.84 -20.81	144.06 8.83 -23.38	148.89 9.41 -23.28	162.62 11.62 -0.13	205.74 13.39 -1.01	218.44 13.72 0.00	200.86 12.96 0.00	189.42 11.90 0.00	160.46 10.80 -11.29	160.55 11.15 -0.82	157.87 9.65 -8.22
DANSKAMMER___DIESEL 23592	142.92 7.72 -21.64	141.36 7.64 -19.71	137.73 7.41 -16.30	138.34 7.56 -16.29	142.91 7.56 -20.75	149.22 9.32 -0.76	161.65 9.99 -8.95	182.10 10.47 -28.25	176.83 11.90 -8.40	159.43 10.44 -16.79	150.68 9.64 -18.96	149.20 10.15 -12.22	145.63 9.04 -22.22	141.64 8.84 -20.83	143.97 8.72 -23.40	148.91 9.41 -23.30	162.92 11.92 -0.13	206.31 13.97 -1.01	219.26 14.54 0.00	201.44 13.53 0.00	189.95 12.43 0.00	160.45 10.79 -11.29	160.55 11.14 -0.82	157.89 9.66 -8.23
DARBY___SOLAR 323810	149.00 8.29 -27.15	146.96 8.21 -24.73	142.68 8.21 -20.45	143.29 8.35 -20.44	149.23 8.60 -26.03	155.54 10.44 -5.95	199.77 10.84 -46.21	263.70 10.76 -109.56	254.91 12.05 -86.33	197.11 10.18 -54.73	155.05 9.16 -23.81	151.43 9.25 -15.34	150.39 8.12 -27.89	145.95 7.83 -26.16	149.05 7.83 -29.38	154.06 8.60 -29.26	163.35 11.92 -0.56	216.27 14.53 -10.40	219.66 14.94 0.00	201.81 13.90 0.00	190.66 13.14 0.00	196.68 10.80 -47.51	168.57 11.60 -8.38	168.75 10.51 -18.25
DASHVILLE___HYD 23610	141.15 5.34 -22.26	139.53 5.24 -20.27	135.91 5.13 -16.76	136.40 5.15 -16.76	141.21 5.27 -21.34	146.63 6.40 -1.08	161.02 6.99 -11.31	183.49 7.60 -32.51	177.35 8.61 -12.21	158.72 7.67 -18.85	148.53 6.96 -19.50	146.76 7.36 -12.56	143.74 6.52 -22.84	139.76 6.38 -21.42	142.29 6.38 -24.06	147.13 6.97 -23.96	159.77 8.75 -0.16	202.95 10.14 -1.47	217.62 12.90 0.00	199.93 12.03 0.00	188.53 11.01 0.00	159.43 7.89 -13.18	157.80 8.02 -1.19	155.55 6.72 -8.83
DEERFIELD_69_KV_DEERFIELD LD 355887	151.03 14.19 -23.27	151.05 14.14 -22.90	148.72 14.02 -20.67	148.64 14.08 -20.06	151.30 14.33 -22.37	157.88 17.67 -1.06	182.18 18.41 -21.06	203.38 18.78 -41.21	186.64 21.29 -8.82	166.52 17.58 -16.74	157.03 15.99 -18.96	155.29 16.24 -12.21	151.23 14.64 -22.22	149.97 14.44 -23.57	152.57 14.65 -26.07	156.95 15.57 -25.18	174.29 19.91 -3.50	227.91 25.64 -10.93	237.16 24.57 -7.87	226.47 24.80 -13.76	213.07 22.72 -12.82	195.41 18.40 -38.64	180.48 19.46 -12.43	170.18 17.92 -12.26
DELAWARE___LFGE 323621	127.04 3.97 -9.50	126.78 4.10 -8.65	125.17 3.99 -7.16	125.65 4.01 -7.15	127.72 4.01 -9.11	145.21 5.15 -0.92	156.30 5.57 -8.01	170.19 5.88 -20.92	176.94 7.36 -13.06	150.91 5.95 -12.76	135.79 5.37 -8.35	137.67 5.45 -5.38	128.84 4.69 -9.78	125.60 4.48 -9.17	126.51 4.36 -10.30	131.45 5.00 -10.25	157.63 6.64 -0.12	200.94 8.04 -1.57	216.27 8.19 -3.36	195.63 7.70 -0.02	184.47 6.92 -0.02	154.75 6.09 -10.29	156.24 6.39 -1.27	150.20 5.60 -4.60
DERFIELD_115KV_TB7 355931	114.70 1.14 0.00	115.16 1.14 0.00	115.16 1.14 0.00	115.63 1.14 0.00	115.75 1.15 0.00	140.54 1.39 0.00	144.14 1.43 0.00	144.82 1.43 0.00	158.25 1.72 0.00	133.65 1.45 0.00	123.42 1.34 0.00	128.24 1.40 0.00	115.64 1.26 0.00	113.08 1.12 0.00	112.97 1.12 0.00	117.48 1.28 0.00	152.53 1.66 0.00	193.06 1.72 0.00	206.36 1.64 0.00	189.60 1.69 0.00	178.95 1.42 0.00	139.89 1.52 0.00	150.22 1.63 0.00	141.54 1.54 0.00
DOGLEVILLE___HYD 23807	115.95 2.39 0.00	116.42 2.40 0.00	116.42 2.40 0.00	116.90 2.41 0.00	117.12 2.52 0.00	142.35 3.20 0.00	146.13 3.42 0.00	146.69 3.30 0.00	160.28 3.75 0.00	135.24 3.04 0.00	124.76 2.68 0.00	129.51 2.67 0.00	116.78 2.41 0.00	114.08 2.12 0.00	113.63 1.78 0.00	118.17 1.97 0.00	153.59 2.72 0.00	194.39 3.05 0.00	207.80 3.08 0.00	190.90 3.00 0.00	180.36 2.83 0.00	140.86 2.49 0.00	152.15 3.56 0.00	143.50 3.50 0.00
DUNKIRK___115KV_TB_200 55889	108.40 -9.31 -4.15	108.56 -9.24 -3.78	107.91 -9.24 -3.13	108.68 -8.93 -3.12	109.64 -8.94 -3.98	128.88 -10.30 -0.03	131.00 -12.13 -0.42	131.39 -13.62 -1.63	137.31 -12.21 7.01	121.46 -10.44 0.29	114.25 -9.28 -1.45	118.38 -9.39 -0.93	104.80 -9.38 0.20	103.82 -9.74 -1.60	104.07 -9.17 -1.40	109.27 -8.71 -1.79	139.11 -11.77 -0.01	176.40 -14.92 0.01	176.65 -16.79 11.28	155.06 -15.78 17.06	140.71 -15.80 21.01	129.41 -11.21 -2.25	137.44 -11.14 0.00	129.81 -10.78 -0.59
DUNKIRK___1 23563	108.40 -9.31 -4.15	108.56 -9.24 -3.78	107.91 -9.24 -3.13	108.68 -8.93 -3.12	109.64 -8.94 -3.98	128.88 -10.30 -0.03	131.00 -12.13 -0.42	131.39 -13.62 -1.63	137.31 -12.21 7.01	121.46 -10.44 0.29	114.25 -9.28 -1.45	118.38 -9.39 -0.93	104.80 -9.38 0.20	103.82 -9.74 -1.60	104.07 -9.17 -1.40	109.27 -8.71 -1.79	139.11 -11.77 -0.01	176.40 -14.92 0.01	176.65 -16.79 11.28	155.06 -15.78 17.06	140.71 -15.80 21.01	129.41 -11.21 -2.25	137.44 -11.14 0.00	129.81 -10.78 -0.59
DUNKIRK___2 23564	108.40 -9.31 -4.15	108.56 -9.24 -3.78	107.91 -9.24 -3.13	108.68 -8.93 -3.12	109.64 -8.94 -3.98	128.88 -10.30 -0.03	131.00 -12.13 -0.42	131.39 -13.62 -1.63	137.31 -12.21 7.01	121.46 -10.44 0.29	114.25 -9.28 -1.45	118.38 -9.39 -0.93	104.80 -9.38 0.20	103.82 -9.74 -1.60	104.07 -9.17 -1.40	109.27 -8.71 -1.79	139.11 -11.77 -0.01	176.40 -14.92 0.01	176.65 -16.79 11.28	155.06 -15.78 17.06	140.71 -15.80 21.01	129.41 -11.21 -2.25	137.44 -11.14 0.00	129.81 -10.78 -0.59
DUNKIRK___3 23565	107.93 -9.77 -4.13	108.09 -9.69 -3.76	107.55 -9.58 -3.11	108.33 -9.27 -3.11	109.28 -9.28 -3.96	128.33 -10.85 -0.03	130.29 -12.84 -0.42	130.70 -14.34 -1.65	136.79 -12.84 6.90	120.97 -10.97 0.25	113.66 -9.89 -1.47	117.76 -10.02 -0.94	104.39 -9.84 0.15	103.39 -10.19 -1.62	103.76 -9.51 -1.42	108.71 -9.30 -1.81	138.50 -12.37 -0.01	175.44 -15.88 0.01	175.81 -17.81 11.10	154.58 -16.54 16.79	140.33 -16.51 20.69	128.70 -11.90 -2.24	136.85 -11.74 0.00	129.26 -11.34 -0.60
DUNKIRK___4 23566	107.93 -9.77 -4.13	108.09 -9.69 -3.76	107.55 -9.58 -3.11	108.33 -9.27 -3.11	109.28 -9.28 -3.96	128.33 -10.85 -0.03	130.29 -12.84 -0.42	130.70 -14.34 -1.65	136.79 -12.84 6.90	120.97 -10.97 0.25	113.66 -9.89 -1.47	117.76 -10.02 -0.94	104.39 -9.84 0.15	103.39 -10.19 -1.62	103.76 -9.51 -1.42	108.71 -9.30 -1.81	138.50 -12.37 -0.01	175.44 -15.88 0.01	175.81 -17.81 11.10	154.58 -16.54 16.79	140.33 -16.51 20.69	128.70 -11.90 -2.24	136.85 -11.74 0.00	129.26 -11.34 -0.60
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	142.93 7.72 -21.64	141.37 7.64 -19.71	137.73 7.41 -16.30	138.23 7.44 -16.30	142.92 7.56 -20.75	149.07 9.18 -0.74	161.23 9.70 -8.81	181.61 10.18 -28.04	176.70 11.90 -8.28	159.52 10.58 -16.75	151.06 10.01 -18.97	149.59 10.53 -12.22	146.09 9.49 -22.22	142.20 9.40 -20.84	144.43 9.17 -23.41	149.27 9.76 -23.31	163.07 12.07 -0.13	206.11 13.78 -1.00	218.64 13.92 0.00	201.06 13.15 0.00	189.60 12.07 0.00	160.13 10.52 -11.25	160.39 11.00 -0.80	157.88 9.66 -8.22
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	141.24 6.70 -20.98	139.74 6.61 -19.10	136.20 6.39 -15.80	136.81 6.53 -15.79	141.25 6.53 -20.11	147.95 8.07 -0.73	159.95 8.56 -8.67	179.64 8.89 -27.36	175.02 10.33 -8.16	157.61 9.12 -16.29	148.88 8.42 -18.38	147.56 8.88 -11.84	143.81 7.89 -21.54	139.88 7.73 -20.20	142.25 7.72 -22.69	147.04 8.25 -22.59	161.41 10.41 -0.13	204.37 12.05 -0.98	217.21 12.49 0.00	199.56 11.65 0.00	188.18 10.65 0.00	158.60 9.27 -10.96	159.04 9.66 -0.79	156.38 8.40 -7.98

E179THST_138_KV_TB4_REV_LBMP_J 345001	144.30 9.08 -21.65	142.75 9.01 -19.72	139.11 8.78 -16.31	139.72 8.93 -16.30	144.42 9.05 -20.76	150.60 10.71 -0.75	162.37 10.85 -8.81	182.04 10.61 -28.04	177.17 12.37 -8.28	160.32 11.37 -16.76	152.16 11.11 -18.98	150.74 11.67 -12.23	146.79 10.18 -22.23	142.77 9.96 -20.85	145.44 10.18 -23.42	150.21 10.69 -23.32	164.13 13.13 -0.13	207.06 14.73 -1.00	219.87 15.15 0.00	202.37 14.47 0.00	190.66 13.14 0.00	161.10 11.48 -11.25	161.43 12.04 -0.81	159.56 11.34 -8.23
E179THST_13_KV_LOAD 356214	144.75 9.54 -21.65	143.20 9.46 -19.72	139.57 9.24 -16.31	140.07 9.27 -16.30	144.76 9.40 -20.76	151.16 11.27 -0.75	162.94 11.42 -8.81	182.61 11.18 -28.04	177.96 13.15 -8.28	160.98 12.03 -16.76	152.77 11.72 -18.98	151.37 12.30 -12.23	147.36 10.75 -22.23	143.44 10.64 -20.85	146.00 10.74 -23.42	150.79 11.27 -23.32	164.88 13.88 -0.13	208.21 15.88 -1.00	220.89 16.17 0.00	203.31 15.41 0.00	191.55 14.02 0.00	161.79 12.18 -11.25	162.18 12.78 -0.81	160.26 12.04 -8.23
EAST HAMPTON___GT 23717	152.39 15.56 -23.27	152.54 15.62 -22.90	150.20 15.50 -20.67	150.00 15.45 -20.06	152.79 15.82 -22.37	159.13 18.92 -1.06	184.33 20.56 -21.06	205.54 20.93 -41.21	188.99 23.64 -8.82	168.24 19.30 -16.74	158.73 17.69 -18.96	156.81 17.76 -12.21	152.95 16.35 -22.21	151.20 15.67 -23.57	153.91 15.99 -26.07	158.70 17.32 -25.18	176.10 21.73 -3.50	230.40 28.14 -10.93	237.56 24.97 -7.87	228.53 26.87 -13.76	215.20 24.85 -12.82	197.63 20.62 -38.64	182.56 21.54 -12.43	172.13 19.87 -12.26
EAST RIVER___6 23660	143.03 7.83 -21.64	141.37 7.64 -19.71	137.62 7.30 -16.30	138.12 7.33 -16.30	142.92 7.56 -20.75	148.92 9.04 -0.74	161.81 10.28 -8.81	182.04 10.61 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.90 10.86 -18.97	150.60 11.54 -12.22	147.00 10.41 -22.22	142.88 10.08 -20.84	145.32 10.07 -23.40	150.08 10.57 -23.31	163.37 12.37 -0.13	206.12 13.78 -1.00	218.23 13.51 0.00	201.06 13.15 0.00	189.60 12.08 0.00	160.54 10.93 -11.25	160.54 11.15 -0.80	158.01 9.80 -8.22
EAST RIVER___7 23524	143.03 7.83 -21.64	141.37 7.64 -19.71	137.62 7.30 -16.30	138.12 7.33 -16.30	142.92 7.56 -20.75	148.92 9.04 -0.74	161.81 10.28 -8.81	182.04 10.61 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.90 10.86 -18.97	150.60 11.54 -12.22	147.00 10.41 -22.22	142.88 10.08 -20.84	145.32 10.07 -23.40	150.08 10.57 -23.31	163.37 12.37 -0.13	206.12 13.78 -1.00	218.23 13.51 0.00	201.06 13.15 0.00	189.60 12.08 0.00	160.54 10.93 -11.25	160.54 11.15 -0.80	158.01 9.80 -8.22
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	142.65 7.49 -21.60	140.99 7.30 -19.67	137.47 7.18 -16.27	137.96 7.21 -16.26	142.64 7.33 -20.71	148.65 8.77 -0.74	160.79 9.28 -8.79	181.12 9.75 -27.98	176.22 11.43 -8.27	159.09 10.18 -16.71	150.53 9.52 -18.93	149.18 10.15 -12.19	145.70 9.15 -22.17	141.71 8.96 -20.80	144.04 8.84 -23.36	148.75 9.30 -23.26	162.62 11.62 -0.13	205.53 13.20 -1.00	218.03 13.31 0.00	200.50 12.59 0.00	189.24 11.72 0.00	159.69 10.10 -11.22	159.94 10.55 -0.80	157.58 9.38 -8.20
EAST_HAMPTON___DIESEL 23722	152.51 15.68 -23.27	152.54 15.62 -22.90	150.20 15.50 -20.67	150.12 15.57 -20.06	152.79 15.82 -22.37	159.13 18.92 -1.06	184.46 20.69 -21.06	205.54 20.93 -41.21	188.99 23.64 -8.82	168.24 19.30 -16.74	158.73 17.69 -18.96	156.81 17.76 -12.21	153.07 16.47 -22.21	151.20 15.67 -23.57	154.03 16.11 -26.07	158.70 17.32 -25.18	176.10 21.73 -3.50	230.40 28.14 -10.93	237.77 25.17 -7.87	228.53 26.87 -13.76	215.38 25.04 -12.82	197.63 20.62 -38.64	182.71 21.69 -12.43	172.13 19.87 -12.26
EAST_POINT___SOLAR 323840	153.25 9.87 -29.81	150.86 9.69 -27.15	146.28 9.81 -22.45	146.89 9.96 -22.44	153.50 10.32 -28.58	158.36 13.08 -6.14	205.23 14.56 -47.95	270.83 14.20 -113.24	259.22 15.03 -87.66	198.86 11.23 -55.43	157.38 9.16 -26.15	151.92 8.24 -16.84	153.94 8.93 -30.63	149.19 8.50 -28.73	152.27 8.16 -32.26	157.16 8.83 -32.13	165.16 13.73 -0.56	221.21 19.32 -10.56	225.61 20.89 0.00	207.08 19.18 0.00	195.11 17.58 0.00	200.02 14.12 -47.54	171.96 14.86 -8.51	172.31 13.02 -19.29
EAST_PULASKI___ESR 323781	116.78 1.14 -2.09	117.06 1.14 -1.90	116.61 1.02 -1.57	117.09 1.03 -1.57	117.87 1.26 -2.00	140.97 1.80 -0.02	145.76 2.57 -0.47	148.18 2.87 -1.92	159.49 2.97 0.00	134.43 1.71 -0.52	125.48 1.58 -1.82	129.54 1.53 -1.17	117.42 0.91 -2.14	114.75 0.79 -2.00	114.77 0.68 -2.25	119.72 1.28 -2.24	153.43 2.56 0.00	194.96 3.63 0.00	209.03 4.31 0.00	191.10 3.19 0.00	179.83 2.30 0.00	139.89 1.52 0.00	150.67 2.08 0.00	142.66 1.96 -0.71
EAST_RIVER___1 323558	143.49 8.29 -21.64	141.83 8.10 -19.71	138.18 7.86 -16.30	138.57 7.79 -16.30	143.37 8.02 -20.75	149.35 9.47 -0.74	162.09 10.56 -8.81	182.32 10.89 -28.04	177.96 13.15 -8.28	160.58 11.64 -16.75	152.03 10.99 -18.97	150.72 11.66 -12.22	147.11 10.52 -22.22	142.98 10.19 -20.84	145.43 10.18 -23.40	150.19 10.68 -23.31	163.52 12.52 -0.13	206.29 13.96 -1.00	218.65 13.93 0.00	201.25 13.34 0.00	189.95 12.42 0.00	160.81 11.20 -11.25	160.83 11.44 -0.80	158.57 10.36 -8.22
EAST_RIVER___2 323559	143.03 7.83 -21.64	141.37 7.64 -19.71	137.62 7.30 -16.30	138.12 7.33 -16.30	142.92 7.56 -20.75	148.92 9.04 -0.74	161.81 10.28 -8.81	182.04 10.61 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.90 10.86 -18.97	150.60 11.54 -12.22	147.00 10.41 -22.22	142.88 10.08 -20.84	145.32 10.07 -23.40	150.08 10.57 -23.31	163.37 12.37 -0.13	206.12 13.78 -1.00	218.23 13.51 0.00	201.06 13.15 0.00	189.60 12.08 0.00	160.54 10.93 -11.25	160.54 11.15 -0.80	158.01 9.80 -8.22
EAST___DELAWARE_HYD 23607	140.26 6.93 -19.77	138.86 6.84 -18.00	135.75 6.84 -14.89	136.24 6.87 -14.88	140.43 6.88 -18.96	148.40 8.49 -0.76	160.95 9.56 -8.67	179.88 9.89 -26.60	176.17 11.11 -8.53	157.45 9.52 -15.73	148.06 8.67 -17.32	147.00 9.01 -11.15	142.55 7.89 -20.29	138.60 7.62 -19.02	140.93 7.71 -21.37	145.96 8.48 -21.28	161.71 10.71 -0.13	205.18 12.82 -1.03	218.02 13.30 0.00	200.31 12.40 0.00	188.90 11.37 0.00	159.17 10.10 -10.70	159.81 10.40 -0.83	156.43 8.83 -7.60
EIGHT_POINT___WT_PWR 323820	110.12 -8.29 -4.85	110.22 -8.21 -4.41	109.58 -8.09 -3.65	110.24 -7.90 -3.65	111.57 -7.68 -4.65	130.02 -9.32 -0.20	135.04 -8.71 -1.04	135.31 -9.89 -1.81	133.59 -9.70 13.23	118.96 -9.26 3.98	112.71 -8.91 0.46	117.39 -9.13 0.31	100.71 -8.92 4.75	102.05 -9.40 0.50	101.57 -8.84 1.44	107.28 -8.37 0.56	141.20 -9.66 0.01	181.06 -10.52 -0.25	168.41 -10.43 25.88	139.34 -10.52 38.05	121.14 -9.76 46.62	134.10 -6.91 -2.65	141.38 -7.43 -0.22	132.98 -7.13 -0.12
ELBRIDGE_115KV_TB2 80188	114.20 -2.16 -2.80	114.40 -2.17 -2.55	113.96 -2.17 -2.11	114.53 -2.06 -2.10	115.22 -2.06 -2.68	136.80 -2.37 -0.02	141.35 -2.00 -0.63	143.67 -2.29 -2.57	153.87 -2.66 0.00	131.89 -2.51 -2.21	122.08 -2.44 -2.44	125.88 -2.54 -1.57	114.61 -2.63 -2.86	111.96 -2.69 -2.68	112.07 -2.80 -3.02	116.76 -2.44 -3.00	148.17 -2.72 -0.02	188.08 -3.25 0.00	201.04 -3.68 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	137.10 -2.77 -1.50	145.76 -2.82 0.00	138.28 -2.66 -0.95
ELEC_TRO_TEK 24086	146.15 9.31 -23.27	146.04 9.12 -22.90	143.70 9.01 -20.67	143.60 9.04 -20.06	146.14 9.17 -22.37	151.30 11.13 -1.02	175.43 11.70 -21.01	196.60 12.04 -41.17	179.40 14.09 -8.78	161.23 12.29 -16.74	152.64 11.60 -18.96	151.11 12.05 -12.21	147.57 10.98 -22.22	146.39 10.86 -23.57	148.65 10.74 -26.07	152.77 11.39 -25.18	168.55 14.18 -3.50	218.72 16.45 -10.93	229.38 16.79 -7.87	217.45 15.78 -13.76	204.90 14.56 -12.82	189.46 12.45 -38.64	174.10 13.08 -12.43	164.02 11.76 -12.26

ELLENBURG_WT_PWR 323604	111.86 -1.70 0.00	112.08 -1.94 0.00	112.19 -1.83 0.00	112.54 -1.95 0.00	112.65 -1.95 0.00	136.91 -2.23 0.00	139.44 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.90 -3.30 0.00	118.79 -3.29 0.00	123.16 -3.68 0.00	111.52 -2.85 0.00	109.39 -2.57 0.00	109.28 -2.57 0.00	112.95 -3.25 0.00	146.64 -4.22 0.00	188.84 -2.49 0.00	203.30 -1.42 0.00	186.03 -1.88 0.00	176.10 -1.43 0.00	135.60 -2.77 0.00	145.17 -3.41 0.00	137.05 -2.95 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	107.29 -10.22 -3.95	107.36 -10.26 -3.60	106.85 -10.15 -2.98	107.62 -9.85 -2.98	108.54 -9.86 -3.79	127.07 -12.11 -0.03	128.72 -14.41 -0.42	128.68 -16.35 -1.63	134.22 -15.97 6.35	118.44 -13.62 0.14	111.34 -12.21 -1.47	115.35 -12.43 -0.94	102.36 -12.01 0.00	101.37 -12.20 -1.62	101.67 -11.63 -1.45	106.51 -11.50 -1.81	135.34 -15.54 -0.01	171.62 -19.71 0.01	172.03 -22.52 10.17	151.90 -20.67 15.34	138.31 -20.24 18.98	125.70 -14.81 -2.13	134.47 -14.12 0.00	127.85 -12.74 -0.60
EMPIRE_CC_1 323656	143.62 4.55 -25.52	141.82 4.57 -23.24	137.80 4.57 -19.22	138.40 4.70 -19.21	143.88 4.81 -24.46	146.78 5.84 -1.79	165.13 5.56 -16.85	196.44 5.31 -47.75	187.41 6.10 -24.79	164.15 5.55 -26.40	149.69 5.25 -22.37	146.70 5.45 -14.41	145.39 4.80 -26.21	141.24 4.70 -24.58	144.26 4.81 -27.61	148.80 5.11 -27.49	157.90 6.80 -0.24	200.62 6.30 -2.99	210.86 6.14 0.00	193.92 6.01 0.00	183.74 6.21 0.00	164.30 6.08 -19.85	157.52 6.53 -2.41	157.00 5.74 -11.26
EMPIRE_CC_2 323658	143.62 4.55 -25.52	141.82 4.57 -23.24	137.80 4.57 -19.22	138.40 4.70 -19.21	143.88 4.81 -24.46	146.78 5.84 -1.79	165.13 5.56 -16.85	196.44 5.31 -47.75	187.41 6.10 -24.79	164.15 5.55 -26.40	149.69 5.25 -22.37	146.70 5.45 -14.41	145.39 4.80 -26.21	141.24 4.70 -24.58	144.26 4.81 -27.61	148.80 5.11 -27.49	157.90 6.80 -0.24	200.62 6.30 -2.99	210.86 6.14 0.00	193.92 6.01 0.00	183.74 6.21 0.00	164.30 6.08 -19.85	157.52 6.53 -2.41	157.00 5.74 -11.26
ENORWICH_115KV_TB1 80156	127.34 6.81 -6.97	127.32 6.96 -6.35	126.00 6.73 -5.25	126.49 6.75 -5.25	128.39 7.11 -6.68	149.47 9.88 -0.45	159.67 11.85 -5.11	170.99 12.19 -15.42	194.86 20.82 -17.52	161.01 15.47 -13.34	144.31 13.18 -9.05	145.23 12.56 -5.84	138.03 10.41 -13.24	131.52 9.63 -9.93	133.40 9.84 -11.71	139.62 12.32 -11.11	169.23 18.25 -0.11	218.11 25.83 -0.95	256.71 28.46 -23.54	236.86 24.99 -23.97	229.58 22.72 -29.33	162.69 17.71 -6.61	168.21 18.87 -0.75	161.36 17.08 -4.28
ERIE_ST__34_KV_TB1-2 80199	106.74 -10.90 -4.08	106.90 -10.83 -3.71	106.26 -10.83 -3.07	107.14 -10.42 -3.07	108.08 -10.43 -3.91	127.77 -11.41 -0.03	129.58 -13.56 -0.42	130.71 -14.34 -1.66	139.49 -10.33 6.71	123.14 -8.86 0.20	115.87 -7.69 -1.48	120.05 -7.74 -0.95	106.40 -7.89 0.08	104.97 -8.62 -1.63	105.81 -7.49 -1.45	110.82 -7.20 -1.83	141.07 -9.81 -0.01	177.55 -13.78 0.01	179.17 -14.74 10.81	158.03 -13.53 16.35	143.57 -13.85 20.11	130.89 -9.69 -2.21	138.48 -10.10 0.00	128.98 -11.62 -0.60
ERIE_WT_PWR 323693	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.79 -9.73 -3.04	108.73 -9.74 -3.87	126.93 -12.25 -0.03	129.29 -13.84 -0.42	128.97 -16.06 -1.63	135.21 -14.72 6.60	119.46 -12.56 0.18	112.34 -11.23 -1.49	116.38 -11.42 -0.95	103.47 -10.87 0.04	102.41 -11.19 -1.64	102.92 -10.40 -1.47	107.70 -10.34 -1.84	137.30 -13.58 -0.01	173.73 -17.60 0.01	175.41 -18.63 10.69	153.25 -18.61 16.05	139.65 -18.11 19.77	127.40 -13.15 -2.18	135.66 -12.93 0.00	128.42 -12.18 -0.61
ESPRGFLD_115KV_TB1 80157	119.01 5.45 0.00	119.49 5.47 0.00	119.38 5.36 0.00	119.98 5.50 0.00	120.22 5.62 0.00	150.88 7.51 -4.22	180.79 8.56 -29.51	213.47 8.60 -61.47	229.86 10.33 -63.00	175.71 7.93 -35.58	128.91 6.84 0.00	133.44 6.60 0.00	120.33 5.95 0.00	117.56 5.60 0.00	117.33 5.48 0.00	122.24 6.04 0.00	160.04 8.75 -0.42	210.98 12.05 -7.59	217.62 12.90 0.00	199.56 11.65 0.00	187.82 10.30 0.00	182.19 8.58 -35.24	163.77 9.06 -6.12	154.28 7.70 -6.58
ETNA_115_KV_TB1_REV_LBMP_C 345029	119.87 1.14 -5.17	119.87 1.14 -4.71	119.05 1.14 -3.89	119.53 1.14 -3.89	120.93 1.38 -4.96	141.46 2.09 -0.23	149.96 2.85 -4.39	161.67 2.87 -15.41	186.96 3.60 -26.83	151.23 2.38 -16.65	135.57 1.83 -11.67	136.16 1.78 -7.54	135.66 1.14 -20.13	125.66 0.90 -12.81	128.47 0.89 -15.73	132.26 1.74 -14.32	154.14 3.17 -0.11	196.13 4.40 -0.39	251.44 4.91 -41.80	250.45 3.95 -58.60	252.63 3.37 -71.73	144.42 2.77 -3.29	151.70 2.82 -0.29	147.12 2.38 -4.74
ETNA____115KV_TB2 80207	119.87 1.14 -5.17	119.87 1.14 -4.71	119.05 1.14 -3.89	119.53 1.14 -3.89	120.93 1.38 -4.96	141.46 2.09 -0.23	149.96 2.85 -4.39	161.67 2.87 -15.41	186.96 3.60 -26.83	151.23 2.38 -16.65	135.57 1.83 -11.67	136.16 1.78 -7.54	135.66 1.14 -20.13	125.66 0.90 -12.81	128.47 0.89 -15.73	132.26 1.74 -14.32	154.14 3.17 -0.11	196.13 4.40 -0.39	251.44 4.91 -41.80	250.45 3.95 -58.60	252.63 3.37 -71.73	144.42 2.77 -3.29	151.70 2.82 -0.29	147.12 2.38 -4.74
EUCLID____115KV_TB2 356179	112.93 -2.95 -2.32	113.17 -2.96 -2.12	112.80 -2.96 -1.75	113.38 -2.86 -1.75	114.08 -2.75 -2.23	135.82 -3.34 -0.02	140.10 -3.14 -0.53	142.09 -3.44 -2.14	152.61 -3.91 0.00	129.21 -3.57 -0.58	120.81 -3.30 -2.03	124.73 -3.42 -1.31	113.33 -3.43 -2.38	110.83 -3.36 -2.23	110.77 -3.58 -2.51	115.44 -3.25 -2.50	146.94 -3.92 0.00	186.55 -4.78 0.00	199.19 -5.53 0.00	182.64 -5.26 0.00	172.20 -5.33 0.00	134.49 -3.87 0.00	144.57 -4.01 0.00	137.14 -3.64 -0.79
E_CANADA_CAP_HY 24051	151.91 7.38 -30.98	149.53 7.30 -28.21	144.65 7.30 -23.33	145.25 7.44 -23.32	151.98 7.68 -29.70	154.61 9.74 -5.73	199.17 11.14 -45.31	262.54 10.89 -108.26	250.11 12.05 -81.52	194.08 9.25 -52.63	157.07 7.82 -27.17	151.70 7.35 -17.50	153.30 7.09 -31.83	148.53 6.72 -29.85	151.97 6.60 -33.53	156.21 6.62 -33.39	161.50 10.11 -0.53	215.31 14.16 -9.82	219.66 14.94 0.00	201.62 13.71 0.00	189.95 12.42 0.00	193.64 10.80 -44.48	167.79 11.29 -7.92	168.84 9.80 -19.05
E_CANADA_MHWK_HY 24050	115.95 2.39 0.00	116.42 2.40 0.00	116.42 2.40 0.00	116.90 2.41 0.00	117.12 2.52 0.00	142.35 3.20 0.00	146.13 3.42 0.00	146.69 3.30 0.00	160.28 3.75 0.00	135.24 3.04 0.00	124.76 2.68 0.00	129.51 2.67 0.00	116.78 2.41 0.00	114.08 2.12 0.00	113.63 1.78 0.00	118.17 1.97 0.00	153.59 2.72 0.00	194.39 3.05 0.00	207.80 3.08 0.00	190.90 3.00 0.00	180.36 2.83 0.00	140.86 2.49 0.00	152.15 3.56 0.00	143.50 3.50 0.00
E_FISHKILL____LBMP 23776	142.35 6.70 -22.09	140.75 6.61 -20.12	137.16 6.50 -16.64	137.65 6.53 -16.63	142.43 6.65 -21.18	147.83 7.93 -0.75	159.97 8.28 -8.98	180.58 8.60 -28.59	174.97 10.02 -8.42	158.26 8.99 -17.08	149.74 8.30 -19.36	148.19 8.88 -12.47	145.06 8.01 -22.68	141.06 7.84 -21.27	143.45 7.72 -23.89	148.12 8.13 -23.79	161.26 10.26 -0.14	203.64 11.29 -1.01	216.19 11.46 0.00	198.80 10.90 0.00	187.65 10.12 0.00	158.82 8.99 -11.46	158.77 9.36 -0.82	156.64 8.26 -8.38
FALCON____SEABRD_CC1 323796	113.11 -0.45 0.00	113.45 -0.57 0.00	113.56 -0.45 0.00	114.03 -0.46 0.00	114.03 -0.57 0.00	138.59 -0.55 0.00	140.43 -2.29 0.00	141.81 -1.57 0.00	154.02 -2.51 0.00	129.68 -2.52 0.00	119.51 -2.57 0.00	123.93 -2.91 0.00	112.20 -2.18 0.00	109.95 -2.01 0.00	109.95 -1.90 0.00	113.75 -2.45 0.00	147.69 -3.18 0.00	190.38 -0.95 0.00	204.93 0.20 0.00	187.53 -0.38 0.00	177.35 -0.18 0.00	136.56 -1.80 0.00	146.06 -2.53 0.00	137.90 -2.10 0.00

FALCON___SEABRD_CC2 323797	113.11 -0.45 0.00	113.45 -0.57 0.00	113.56 -0.45 0.00	114.03 -0.46 0.00	114.03 -0.57 0.00	138.59 -0.55 0.00	140.43 -2.29 0.00	141.81 -1.57 0.00	154.02 -2.51 0.00	129.68 -2.52 0.00	119.51 -2.57 0.00	123.93 -2.91 0.00	112.20 -2.18 0.00	109.95 -2.01 0.00	109.95 -1.90 0.00	113.75 -2.45 0.00	147.69 -3.18 0.00	190.38 -0.95 0.00	204.93 0.20 0.00	187.53 -0.38 0.00	177.35 -0.18 0.00	136.56 -1.80 0.00	146.06 -2.53 0.00	137.90 -2.10 0.00
FAR ROCKAWAY___4 23548	147.62 10.79 -23.27	147.63 10.72 -22.90	145.18 10.49 -20.67	144.97 10.42 -20.06	147.63 10.66 -22.37	153.10 12.94 -1.02	177.43 13.70 -21.01	198.75 14.20 -41.17	181.74 16.44 -8.78	163.09 14.15 -16.74	154.22 13.18 -18.96	152.76 13.70 -12.21	149.06 12.47 -22.22	147.73 12.20 -23.57	150.11 12.19 -26.07	154.28 12.90 -25.18	170.66 16.29 -3.50	221.98 19.71 -10.93	233.06 20.47 -7.87	220.83 19.17 -13.76	207.92 17.58 -12.82	191.67 14.67 -38.64	176.47 15.45 -12.43	165.98 13.72 -12.26
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	143.61 8.40 -21.64	141.94 8.21 -19.71	138.19 7.87 -16.30	138.68 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.18 10.75 -28.04	177.64 12.84 -8.28	160.45 11.50 -16.75	151.91 10.86 -18.97	150.60 11.54 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.82 12.82 -0.13	206.87 14.54 -1.00	219.46 14.74 0.00	202.00 14.09 0.00	190.49 12.96 0.00	160.82 11.21 -11.25	160.98 11.59 -0.80	158.71 10.50 -8.22
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	143.61 8.40 -21.64	141.94 8.21 -19.71	138.19 7.87 -16.30	138.68 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.32 10.90 -28.04	177.64 12.84 -8.28	160.45 11.50 -16.75	151.91 10.86 -18.97	150.60 11.54 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.82 12.82 -0.13	207.06 14.73 -1.00	219.46 14.74 0.00	202.00 14.09 0.00	190.49 12.96 0.00	160.82 11.21 -11.25	160.98 11.59 -0.80	158.71 10.50 -8.22
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	143.49 8.29 -21.64	141.83 8.10 -19.71	138.19 7.87 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.18 10.75 -28.04	177.49 12.68 -8.28	160.31 11.37 -16.75	151.79 10.74 -18.97	150.48 11.42 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.21 9.95 -23.41	149.97 10.46 -23.31	163.67 12.67 -0.13	206.87 14.54 -1.00	219.26 14.54 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.68 11.07 -11.25	160.98 11.59 -0.80	158.57 10.36 -8.22
FARRAGUT___LBMP 323566	143.49 8.29 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.26 7.91 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.18 11.24 -16.75	151.66 10.62 -18.97	150.35 11.29 -12.22	146.78 10.18 -22.22	142.76 9.96 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.43 10.22 -8.22
FENNER___WINDPWR 24204	118.72 2.27 -2.89	119.05 2.40 -2.63	118.48 2.28 -2.18	119.08 2.41 -2.18	119.89 2.52 -2.77	142.65 3.48 -0.02	148.01 4.28 -1.02	151.85 4.30 -4.16	165.92 4.86 -4.54	140.38 3.57 -4.61	129.02 3.05 -3.89	132.39 3.04 -2.51	122.68 2.51 -5.79	118.47 2.24 -4.28	119.14 2.24 -5.06	123.76 2.78 -4.78	154.97 4.07 -0.03	196.51 5.17 -0.01	218.06 5.53 -7.81	203.76 4.70 -11.15	195.27 4.09 -13.65	143.27 3.32 -1.58	152.15 3.56 0.00	144.71 3.22 -1.49
FIBERTEK___ENERGY 23856	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91
FITZPATRICK___ 23598	110.71 -4.55 -1.69	111.00 -4.56 -1.54	110.73 -4.56 -1.28	111.18 -4.58 -1.27	111.75 -4.47 -1.62	133.73 -5.43 -0.01	137.53 -5.57 -0.38	139.21 -5.74 -1.56	150.10 -6.42 0.00	127.07 -5.55 -0.42	118.31 -5.25 -1.48	122.34 -5.45 -0.95	111.08 -5.03 -1.73	108.66 -4.92 -1.62	108.64 -5.03 -1.82	113.02 -4.99 -1.82	144.83 -6.04 0.00	183.48 -7.85 0.00	196.32 -8.40 0.00	179.83 -8.07 0.00	169.72 -7.81 0.00	132.42 -5.95 0.00	142.35 -6.23 0.00	134.97 -5.60 -0.57
FLOWRFLD_69_KV_BK1 356044	148.19 11.36 -23.27	148.09 11.17 -22.90	145.64 10.95 -20.67	145.54 10.99 -20.06	148.20 11.23 -22.37	153.85 13.64 -1.07	177.76 13.99 -21.06	199.09 14.48 -41.22	181.95 16.59 -8.83	162.95 14.01 -16.74	154.10 13.06 -18.96	152.50 13.45 -12.21	148.83 12.24 -22.22	147.73 12.20 -23.57	150.11 12.19 -26.07	154.05 12.67 -25.18	169.46 15.09 -3.50	220.83 18.56 -10.93	231.63 19.04 -7.87	219.70 18.04 -13.76	206.68 16.33 -12.82	190.57 13.56 -38.64	175.28 14.26 -12.43	165.42 13.16 -12.26
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	143.24 7.95 -21.73	141.67 7.87 -19.79	138.14 7.75 -16.36	138.63 7.79 -16.36	143.23 7.79 -20.83	149.50 9.60 -0.76	161.96 10.28 -8.97	182.48 10.75 -28.34	177.15 12.21 -8.42	159.76 10.71 -16.85	151.01 9.89 -19.04	149.51 10.40 -12.27	145.95 9.26 -22.31	141.95 9.07 -20.92	144.40 9.06 -23.50	149.24 9.64 -23.40	163.37 12.37 -0.13	206.89 14.54 -1.01	219.87 15.15 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.76 11.07 -11.33	160.84 11.44 -0.82	158.20 9.94 -8.26
FORT ORANGE___ 23900	144.40 4.55 -26.29	142.53 4.57 -23.94	138.50 4.68 -19.80	139.09 4.81 -19.79	144.51 4.70 -25.21	148.07 5.71 -3.22	174.37 4.70 -26.95	208.24 4.16 -60.69	198.47 4.69 -37.25	168.52 3.96 -32.36	148.73 3.66 -23.00	145.34 3.68 -14.81	144.52 3.20 -26.94	140.36 3.13 -25.27	143.47 3.25 -28.38	147.24 2.78 -28.26	154.94 3.77 -0.30	199.27 3.45 -4.49	207.99 3.27 0.00	191.10 3.19 0.00	180.54 3.02 0.00	166.98 3.04 -25.57	155.76 3.56 -3.62	157.99 5.18 -12.81
FORT_DRUM_COGEN 23780	118.60 3.63 -1.40	118.95 3.65 -1.28	118.50 3.42 -1.06	118.87 3.32 -1.06	119.50 3.55 -1.35	144.30 5.15 -0.01	149.74 6.71 -0.32	152.42 7.74 -1.29	164.67 8.14 0.00	138.10 5.55 -0.35	128.19 4.88 -1.23	132.33 4.69 -0.79	119.59 3.77 -1.44	116.55 3.25 -1.35	116.49 3.13 -1.51	121.77 4.07 -1.51	156.90 6.03 0.00	200.90 9.57 0.00	215.37 10.65 0.00	196.93 9.02 0.00	185.34 7.81 0.00	143.62 5.26 0.00	154.38 5.79 0.00	146.07 5.60 -0.48
FOX_HILLS___ESR 323835	143.73 8.52 -21.65	142.06 8.32 -19.72	138.31 7.98 -16.31	138.69 7.90 -16.30	143.50 8.14 -20.76	149.77 9.88 -0.75	162.23 10.70 -8.81	357.68 11.04 -203.25	353.17 13.15 -183.50	349.07 12.03 -204.84	217.09 11.23 -83.78	251.12 11.92 -112.35	186.42 10.75 -61.29	193.44 10.41 -71.07	145.66 10.29 -23.52	179.47 10.92 -52.35	379.73 13.43 -215.43	382.85 15.31 -176.21	395.70 15.76 -175.21	386.07 15.03 -183.13	374.32 13.67 -183.13	325.99 11.76 -175.86	161.73 12.33 -0.81	159.14 10.92 -8.23
FPL FAR_ROCK_GT1 24212	147.63 10.79 -23.27	147.63 10.71 -22.90	145.18 10.48 -20.67	145.08 10.53 -20.06	147.63 10.66 -22.37	152.82 12.66 -1.02	177.73 13.99 -21.02	198.76 14.20 -41.17	181.90 16.58 -8.79	163.10 14.15 -16.75	154.47 13.43 -18.97	153.01 13.95 -12.22	149.40 12.81 -22.22	147.85 12.32 -23.57	150.22 12.30 -26.07	154.51 13.13 -25.19	170.53 16.15 -3.51	221.40 19.13 -10.93	232.25 19.66 -7.87	220.27 18.61 -13.76	207.56 17.22 -12.82	191.82 14.81 -38.64	176.48 15.45 -12.44	165.99 13.73 -12.27

FPL FAR_ROCK_GT2 23815	147.63 10.79 -23.27	147.63 10.71 -22.90	145.18 10.48 -20.67	145.08 10.53 -20.06	147.63 10.66 -22.37	152.82 12.66 -1.02	177.73 13.99 -21.02	198.76 14.20 -41.17	181.90 16.58 -8.79	163.10 14.15 -16.75	154.47 13.43 -18.97	153.01 13.95 -12.22	149.40 12.81 -22.22	147.85 12.32 -23.57	150.22 12.30 -26.07	154.51 13.13 -25.19	170.53 16.15 -3.51	221.40 19.13 -10.93	232.25 19.66 -7.87	220.27 18.61 -13.76	207.56 17.22 -12.82	191.82 14.81 -38.64	176.48 15.45 -12.44	165.99 13.73 -12.27
FRANKLIN_FALL_HYD 24054	113.22 -0.34 0.00	113.33 -0.68 0.00	113.56 -0.46 0.00	113.92 -0.57 0.00	113.91 -0.69 0.00	138.59 -0.56 0.00	141.72 -1.00 0.00	143.53 0.14 0.00	155.43 -1.10 0.00	130.74 -1.45 0.00	120.49 -1.59 0.00	124.81 -2.03 0.00	113.35 -1.03 0.00	110.95 -1.01 0.00	110.84 -1.01 0.00	114.34 -1.86 0.00	148.60 -2.26 0.00	191.72 0.38 0.00	206.56 1.84 0.00	188.66 0.75 0.00	178.59 1.07 0.00	137.26 -1.11 0.00	146.95 -1.63 0.00	138.74 -1.26 0.00
FREEPORT_EQUUS_GT1 23764	146.94 10.10 -23.27	146.95 10.04 -22.90	144.50 9.81 -20.67	144.40 9.85 -20.06	146.94 9.97 -22.37	151.98 11.82 -1.02	176.72 12.99 -21.02	197.90 13.34 -41.17	180.81 15.50 -8.78	162.29 13.35 -16.74	153.74 12.70 -18.96	152.25 13.19 -12.22	148.71 12.12 -22.22	147.28 11.75 -23.57	149.66 11.74 -26.07	153.94 12.55 -25.18	169.77 15.40 -3.51	219.50 17.23 -10.93	230.20 17.61 -7.87	218.38 16.72 -13.76	205.78 15.44 -12.82	190.98 13.97 -38.64	175.59 14.57 -12.44	165.28 13.02 -12.26
FREEPORT___CT2 23818	146.94 10.10 -23.27	146.95 10.04 -22.90	144.50 9.81 -20.67	144.40 9.85 -20.06	146.94 9.97 -22.37	151.98 11.82 -1.02	176.72 12.99 -21.02	197.90 13.34 -41.17	180.81 15.50 -8.78	162.29 13.35 -16.74	153.74 12.70 -18.96	152.25 13.19 -12.22	148.71 12.12 -22.22	147.28 11.75 -23.57	149.66 11.74 -26.07	153.94 12.55 -25.18	169.77 15.40 -3.51	219.50 17.23 -10.93	230.20 17.61 -7.87	218.38 16.72 -13.76	205.78 15.44 -12.82	190.98 13.97 -38.64	175.59 14.57 -12.44	165.28 13.02 -12.26
FRESHKLS_33_KV_LOAD 356253	143.39 8.18 -21.65	141.72 7.98 -19.72	137.86 7.53 -16.31	138.35 7.56 -16.30	143.16 7.79 -20.76	149.35 9.46 -0.75	161.80 10.28 -8.81	357.40 10.75 -203.25	352.70 12.68 -183.50	348.67 11.63 -204.84	216.72 10.86 -83.78	250.73 11.54 -112.35	185.96 10.29 -61.29	193.11 10.08 -71.07	145.32 9.95 -23.52	179.12 10.57 -52.35	379.27 12.97 -215.43	382.47 14.92 -176.21	395.29 15.35 -175.21	385.70 14.66 -183.13	373.97 13.31 -183.13	325.57 11.35 -175.86	161.29 11.89 -0.81	158.72 10.50 -8.23
FULTON COGEN____ 23766	116.20 0.34 -2.30	116.57 0.46 -2.09	116.20 0.46 -1.73	116.68 0.46 -1.73	117.38 0.57 -2.20	140.14 0.97 -0.02	144.95 1.71 -0.52	147.22 1.72 -2.11	158.09 1.57 0.00	133.69 0.93 -0.57	124.82 0.73 -2.01	128.90 0.76 -1.29	116.84 0.11 -2.35	114.16 0.00 -2.21	114.21 -0.11 -2.48	119.25 0.58 -2.47	152.23 1.36 0.00	193.44 2.10 0.00	206.97 2.25 0.00	189.41 1.50 0.00	178.59 1.07 0.00	139.20 0.83 0.00	149.48 0.89 0.00	141.62 0.84 -0.78
FULTON___LFGE 323630	151.94 8.86 -29.52	149.68 8.78 -26.88	145.03 8.78 -22.23	145.65 8.94 -22.22	152.08 9.17 -28.30	156.93 11.54 -6.24	204.03 12.70 -48.62	270.35 12.47 -114.49	259.51 13.78 -89.21	199.17 10.84 -56.13	157.37 9.40 -25.89	152.66 9.14 -16.68	153.05 8.35 -30.33	148.47 8.07 -28.44	151.74 7.94 -31.95	156.49 8.48 -31.81	163.81 12.37 -0.57	218.92 16.84 -10.74	222.74 18.02 0.00	204.62 16.72 0.00	192.80 15.27 0.00	198.99 12.31 -48.31	170.33 13.08 -8.66	170.83 11.48 -19.35
G.F.CEMENT___DRP 24184	150.98 10.11 -27.31	148.70 9.81 -24.87	144.51 9.92 -20.57	145.13 10.08 -20.56	151.10 10.31 -26.19	158.34 12.94 -6.25	204.61 13.56 -48.34	270.42 13.34 -113.70	262.27 15.34 -90.40	201.51 12.69 -56.62	157.62 11.60 -23.94	153.81 11.54 -15.42	152.49 10.07 -28.05	147.89 9.63 -26.30	150.79 9.40 -29.55	155.96 10.34 -29.42	165.94 14.48 -0.59	220.59 18.37 -10.89	223.96 19.24 0.00	205.76 17.85 0.00	193.86 16.33 0.00	200.85 13.14 -49.34	171.48 14.12 -8.78	171.46 12.74 -18.72
GARDENVILLE___LBMP 24039	107.36 -10.22 -4.02	107.53 -10.15 -3.66	106.90 -10.15 -3.03	107.67 -9.85 -3.03	108.60 -9.86 -3.86	127.35 -11.83 -0.03	129.14 -13.99 -0.41	129.23 -15.77 -1.62	135.02 -14.87 6.63	119.29 -12.69 0.22	112.18 -11.35 -1.45	116.23 -11.54 -0.93	103.07 -11.21 0.10	102.02 -11.53 -1.60	102.41 -10.85 -1.42	107.30 -10.69 -1.79	136.39 -14.48 -0.01	172.96 -18.37 0.01	173.15 -20.88 10.68	152.63 -19.17 16.11	138.66 -19.00 19.87	126.84 -13.70 -2.17	135.21 -13.37 0.00	128.13 -12.46 -0.59
GARDNVLA_35_KV_LD 355827	107.72 -9.88 -4.04	107.78 -9.92 -3.68	107.26 -9.81 -3.04	108.03 -9.50 -3.04	108.96 -9.51 -3.87	127.77 -11.41 -0.03	129.58 -13.56 -0.42	129.69 -15.34 -1.64	135.81 -14.09 6.63	119.97 -12.03 0.19	112.80 -10.74 -1.47	117.00 -10.78 -0.94	103.66 -10.64 0.08	102.60 -10.97 -1.62	103.00 -10.29 -1.44	107.90 -10.11 -1.81	137.30 -13.58 -0.01	173.91 -17.41 0.01	174.17 -19.86 10.69	153.53 -18.23 16.15	139.54 -18.11 19.88	127.54 -13.01 -2.18	135.96 -12.63 0.00	128.69 -11.90 -0.60
GELCKHM___115KV_LOAD 80723	113.74 -2.27 -2.46	114.09 -2.17 -2.24	113.70 -2.17 -1.85	114.16 -2.18 -1.85	114.89 -2.06 -2.36	136.66 -2.50 -0.02	141.13 -2.14 -0.56	143.36 -2.29 -2.26	153.87 -2.66 0.00	130.30 -2.51 -0.61	121.78 -2.44 -2.15	125.69 -2.54 -1.38	114.26 -2.63 -2.52	111.74 -2.58 -2.36	111.70 -2.80 -2.65	116.40 -2.44 -2.64	148.15 0.00 0.00	187.89 0.00 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.76 -2.82 0.00	138.17 -2.66 -0.83
GENERAL___MILLS 23808	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.91 -9.62 -3.04	108.73 -9.74 -3.87	127.63 -11.55 -0.03	129.29 -13.84 -0.42	129.54 -15.49 -1.63	135.49 -14.40 6.63	119.84 -12.16 0.20	112.68 -10.86 -1.47	116.74 -11.04 -0.94	103.43 -10.87 0.08	102.49 -11.08 -1.61	102.77 -10.51 -1.43	107.78 -10.23 -1.81	136.99 -13.88 -0.01	173.53 -17.79 0.01	173.97 -20.06 10.69	153.35 -18.41 16.14	139.36 -18.29 19.88	127.40 -13.14 -2.18	135.81 -12.78 0.00	128.41 -12.18 -0.60
GE_PLASTICS___DRP 24183	143.80 3.97 -26.27	141.93 3.99 -23.92	137.91 4.10 -19.79	138.39 4.12 -19.78	143.80 4.01 -25.19	146.62 4.87 -2.60	170.20 4.85 -22.63	202.09 4.45 -54.26	192.40 5.17 -30.71	166.14 4.49 -29.45	149.22 4.15 -23.00	145.97 4.31 -14.81	145.09 3.77 -26.94	140.92 3.69 -25.26	143.91 3.69 -28.38	147.94 3.49 -28.26	155.66 4.53 -0.27	199.62 4.59 -3.70	209.63 4.91 0.00	192.60 4.70 0.00	181.79 4.26 0.00	165.07 4.01 -22.69	156.03 4.46 -2.98	156.74 4.62 -12.12
GILBOA___1 23756	138.31 3.86 -20.89	137.26 4.22 -19.02	133.97 4.22 -15.73	134.45 4.24 -15.72	138.53 3.90 -20.03	144.41 4.73 -0.53	154.79 4.86 -7.22	172.56 4.88 -24.29	167.50 5.79 -5.18	152.15 5.02 -14.93	145.14 4.76 -18.31	143.57 4.94 -11.79	140.17 4.35 -21.44	136.32 4.25 -20.11	138.68 4.25 -22.59	143.22 4.53 -22.49	156.71 5.73 -0.11	197.51 5.55 -0.62	209.63 4.91 0.00	193.36 5.45 0.00	182.49 4.96 0.00	153.12 5.12 -9.63	154.59 5.50 -0.50	152.53 4.90 -7.64
GILBOA___2 23757	138.31 3.86 -20.89	137.26 4.22 -19.02	133.97 4.22 -15.73	134.45 4.24 -15.72	138.53 3.90 -20.03	144.41 4.73 -0.53	154.79 4.86 -7.22	172.56 4.88 -24.29	167.50 5.79 -5.18	152.15 5.02 -14.93	145.14 4.76 -18.31	143.57 4.94 -11.79	140.17 4.35 -21.44	136.32 4.25 -20.11	138.68 4.25 -22.59	143.22 4.53 -22.49	156.71 5.73 -0.11	197.51 5.55 -0.62	209.63 4.91 0.00	193.36 5.45 0.00	182.49 4.96 0.00	153.12 5.12 -9.63	154.59 5.50 -0.50	152.53 4.90 -7.64

GILBOA___3 23758	138.31 3.86 -20.89	137.26 4.22 -19.02	133.97 4.22 -15.73	134.45 4.24 -15.72	138.53 3.90 -20.03	144.41 4.73 -0.53	154.79 4.86 -7.22	172.56 4.88 -24.29	167.50 5.79 -5.18	152.15 5.02 -14.93	145.14 4.76 -18.31	143.57 4.94 -11.79	140.17 4.35 -21.44	136.32 4.25 -20.11	138.68 4.25 -22.59	143.22 4.53 -22.49	156.71 5.73 -0.11	197.51 5.55 -0.62	209.63 4.91 0.00	193.36 5.45 0.00	182.49 4.96 0.00	153.12 5.12 -9.63	154.59 5.50 -0.50	152.53 4.90 -7.64
GILBOA___4 23759	138.31 3.86 -20.89	137.26 4.22 -19.02	133.97 4.22 -15.73	134.45 4.24 -15.72	138.53 3.90 -20.03	144.41 4.73 -0.53	154.79 4.86 -7.22	172.56 4.88 -24.29	167.50 5.79 -5.18	152.15 5.02 -14.93	145.14 4.76 -18.31	143.57 4.94 -11.79	140.17 4.35 -21.44	136.32 4.25 -20.11	138.68 4.25 -22.59	143.22 4.53 -22.49	156.71 5.73 -0.11	197.51 5.55 -0.62	209.63 4.91 0.00	193.36 5.45 0.00	182.49 4.96 0.00	153.12 5.12 -9.63	154.59 5.50 -0.50	152.53 4.90 -7.64
GILBOA___ 23599	138.31 3.86 -20.89	137.26 4.22 -19.02	133.97 4.22 -15.73	134.45 4.24 -15.72	138.52 3.90 -20.03	144.40 4.73 -0.53	154.79 4.85 -7.22	172.70 5.02 -24.29	167.50 5.79 -5.18	152.15 5.02 -14.93	145.02 4.64 -18.30	143.58 4.95 -11.79	140.17 4.35 -21.44	136.32 4.25 -20.11	138.69 4.25 -22.59	143.22 4.53 -22.49	156.56 5.58 -0.11	197.51 5.55 -0.62	210.04 5.32 0.00	193.54 5.64 0.00	182.67 5.15 0.00	153.12 5.12 -9.63	154.59 5.50 -0.50	152.53 4.90 -7.64
GINNA___ 23603	107.62 -8.97 -3.03	107.77 -9.01 -2.76	107.29 -9.01 -2.28	107.96 -8.81 -2.28	108.79 -8.71 -2.91	128.59 -10.58 -0.03	131.31 -11.84 -0.44	132.79 -12.33 -1.74	138.22 -14.87 3.43	119.75 -13.09 -0.65	111.49 -12.21 -1.62	115.20 -12.68 -1.04	103.44 -11.90 -0.96	102.31 -11.42 -1.78	102.01 -11.63 -1.80	106.57 -11.62 -1.99	137.30 -13.58 -0.01	174.11 -17.22 0.00	181.07 -18.02 5.63	161.06 -18.41 8.44	149.09 -18.11 10.33	126.01 -13.97 -1.61	134.77 -13.81 0.00	128.74 -11.90 -0.64
GLEN PARK___ 23778	119.56 4.55 -1.46	119.91 4.57 -1.33	119.34 4.22 -1.10	119.82 4.24 -1.10	120.46 4.46 -1.40	145.56 6.40 -0.01	151.03 7.99 -0.33	153.62 8.89 -1.34	166.08 9.55 0.00	139.17 6.61 -0.36	129.09 5.74 -1.27	133.11 5.45 -0.82	120.32 4.46 -1.49	117.27 3.92 -1.40	117.33 3.91 -1.57	122.64 4.88 -1.56	158.41 7.54 0.00	202.81 11.48 0.00	217.83 13.11 0.00	198.99 11.08 0.00	186.93 9.40 0.00	144.87 6.50 0.00	155.72 7.13 0.00	147.21 6.72 -0.49
GLENDALE_27_KV_LOAD 356172	144.53 9.31 -21.65	142.86 9.12 -19.72	139.11 8.78 -16.31	139.61 8.82 -16.30	144.30 8.94 -20.76	150.74 10.85 -0.75	162.94 11.42 -8.81	183.19 11.76 -28.04	178.74 13.93 -8.28	165.53 12.56 -20.78	152.89 11.84 -18.98	151.63 12.56 -12.23	151.02 11.32 -25.31	151.01 11.08 -27.97	146.22 10.96 -23.42	151.02 11.50 -23.32	165.18 14.18 -0.13	208.59 16.26 -1.00	221.30 16.58 0.00	203.69 15.78 0.00	191.91 14.38 0.00	161.93 12.31 -11.25	162.33 12.93 -0.81	159.84 11.62 -8.23
GLENWOOD_IC_1_G5 23712	146.71 9.88 -23.27	146.72 9.81 -22.90	144.27 9.58 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.99 11.83 -1.02	176.29 12.56 -21.01	197.61 13.05 -41.17	180.49 15.18 -8.78	162.03 13.09 -16.74	153.37 12.33 -18.96	151.87 12.81 -12.21	148.26 11.67 -22.22	147.06 11.53 -23.57	149.33 11.41 -26.07	153.47 12.08 -25.18	169.61 15.24 -3.50	218.72 16.45 -10.93	229.38 16.79 -7.87	217.45 15.78 -13.76	205.61 15.27 -12.82	190.43 13.42 -38.64	175.14 14.12 -12.43	164.86 12.60 -12.26
GLENWOOD_IC_2_G1 23688	146.48 9.65 -23.27	146.37 9.46 -22.90	144.04 9.35 -20.67	143.82 9.27 -20.06	146.48 9.51 -22.37	151.30 11.14 -1.02	176.01 12.28 -21.02	197.18 12.62 -41.17	180.19 14.88 -8.78	161.63 12.69 -16.74	153.13 12.09 -18.96	151.62 12.56 -12.22	148.14 11.55 -22.22	146.72 11.19 -23.57	149.10 11.18 -26.07	153.24 11.86 -25.18	168.71 14.34 -3.51	218.52 16.25 -10.93	228.98 16.38 -7.87	217.45 15.79 -13.76	205.07 14.73 -12.82	190.16 13.15 -38.64	174.54 13.52 -12.44	164.43 12.17 -12.26
GLENWOOD_IC_3_G1 23689	146.48 9.65 -23.27	146.37 9.46 -22.90	144.04 9.35 -20.67	143.82 9.27 -20.06	146.48 9.51 -22.37	151.30 11.14 -1.02	176.01 12.28 -21.02	197.18 12.62 -41.17	180.19 14.88 -8.78	161.63 12.69 -16.74	153.13 12.09 -18.96	151.62 12.56 -12.22	148.14 11.55 -22.22	146.72 11.19 -23.57	149.10 11.18 -26.07	153.24 11.86 -25.18	168.71 14.34 -3.51	218.52 16.25 -10.93	228.98 16.38 -7.87	217.45 15.79 -13.76	205.07 14.73 -12.82	190.16 13.15 -38.64	174.54 13.52 -12.44	164.43 12.17 -12.26
GLENWOOD___4 23550	146.71 9.88 -23.27	146.72 9.81 -22.90	144.27 9.58 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.99 11.83 -1.02	176.29 12.56 -21.01	197.61 13.05 -41.17	180.49 15.18 -8.78	162.03 13.09 -16.74	153.37 12.33 -18.96	151.87 12.81 -12.21	148.26 11.67 -22.22	147.06 11.53 -23.57	149.33 11.41 -26.07	153.47 12.08 -25.18	169.61 15.24 -3.50	219.11 16.84 -10.93	229.99 17.40 -7.87	218.01 16.35 -13.76	205.79 15.44 -12.82	190.43 13.42 -38.64	175.14 14.12 -12.43	164.86 12.60 -12.26
GLENWOOD___5 23614	146.71 9.88 -23.27	146.72 9.81 -22.90	144.27 9.58 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.99 11.83 -1.02	176.29 12.56 -21.01	197.61 13.05 -41.17	180.49 15.18 -8.78	162.03 13.09 -16.74	153.37 12.33 -18.96	151.87 12.81 -12.21	148.26 11.67 -22.22	147.06 11.53 -23.57	149.33 11.41 -26.07	153.47 12.08 -25.18	169.61 15.24 -3.50	219.11 16.84 -10.93	229.99 17.40 -7.87	218.01 16.35 -13.76	205.79 15.44 -12.82	190.43 13.42 -38.64	175.14 14.12 -12.43	164.86 12.60 -12.26
GLOBAL GREEN_PORT_GT1 23814	152.28 15.44 -23.27	152.30 15.39 -22.90	149.98 15.28 -20.67	149.90 15.35 -20.06	152.56 15.58 -22.37	158.86 18.65 -1.06	184.18 20.41 -21.06	205.25 20.65 -41.21	188.82 23.47 -8.82	167.98 19.04 -16.74	158.49 17.46 -18.96	156.68 17.62 -12.21	152.83 16.24 -22.21	151.08 15.56 -23.57	153.79 15.88 -26.07	158.47 17.09 -25.18	175.79 21.41 -3.50	230.00 27.73 -10.93	235.31 22.72 -7.87	228.33 26.67 -13.76	215.01 24.67 -12.82	197.35 20.35 -38.64	182.42 21.40 -12.43	171.86 19.60 -12.26
GLOBE___DSASP 323697	105.39 -11.92 -3.75	105.47 -11.97 -3.42	104.99 -11.86 -2.83	105.75 -11.56 -2.83	106.63 -11.57 -3.60	123.73 -15.45 -0.03	124.87 -18.27 -0.43	123.99 -21.08 -1.68	128.58 -22.23 5.72	113.47 -18.77 -0.05	106.14 -17.46 -1.52	110.05 -17.76 -0.97	98.01 -16.58 -0.22	96.94 -16.68 -1.67	96.95 -16.44 -1.55	101.68 -16.38 -1.87	128.85 -22.03 -0.01	163.77 -27.55 0.01	163.35 -32.14 9.23	144.65 -29.31 13.94	132.14 -28.23 17.16	119.49 -20.89 -2.02	129.12 -19.46 0.00	124.23 -16.38 -0.61
GOETHSLN___LBMP 323567	125.42 7.49 -4.36	124.51 7.30 -3.19	124.40 6.96 -3.42	124.40 6.98 -2.93	126.40 7.22 -4.58	124.54 8.63 23.23	123.97 9.13 27.88	129.79 9.75 23.34	124.85 11.43 43.11	124.26 10.44 18.38	124.28 9.89 7.69	124.27 10.53 13.10	124.17 9.38 -0.42	124.29 9.18 -3.16	124.29 9.17 -3.28	124.17 9.53 1.56	124.70 11.62 37.79	94.74 13.20 109.79	83.22 13.31 134.80	88.15 12.59 112.35	124.93 11.54 64.14	124.26 10.10 24.21	124.40 10.40 34.58	124.54 9.38 24.83
GOLAH___69_KV_TB 1_2 80279	111.15 -5.56 -3.16	111.42 -5.47 -2.87	111.04 -5.36 -2.38	111.71 -5.15 -2.38	112.59 -5.04 -3.03	132.49 -6.68 -0.03	135.15 -7.99 -0.43	135.35 -9.75 -1.71	141.55 -11.11 3.87	122.67 -10.05 -0.52	114.26 -9.40 -1.58	118.09 -9.77 -1.02	105.58 -9.61 -0.81	104.18 -9.52 -1.74	104.19 -9.40 -1.74	108.97 -9.18 -1.95	139.26 -11.62 -0.01	177.55 -13.78 0.01	182.41 -15.97 6.34	163.55 -14.84 9.51	150.98 -14.91 11.63	128.98 -11.07 -1.68	138.48 -10.10 0.00	132.65 -7.98 -0.63

GOODYEAR_LAKE_HYD 323669	125.03 4.66 -6.81	125.13 4.90 -6.20	123.94 4.79 -5.13	124.43 4.81 -5.13	125.95 4.81 -6.53	147.45 6.40 -1.90	164.31 7.14 -14.46	183.86 7.31 -33.16	193.54 9.08 -27.93	159.09 7.27 -19.62	134.53 6.47 -5.99	137.04 6.34 -3.86	126.88 5.49 -7.01	123.80 5.26 -6.58	124.38 5.14 -7.39	129.36 5.81 -7.36	159.07 8.00 -0.21	204.84 10.14 -3.36	218.00 10.65 -2.63	197.69 9.77 -0.02	186.24 8.70 -0.01	163.45 7.33 -17.75	159.02 7.73 -2.71	151.95 6.72 -5.24
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	119.63 -1.14 -7.21	119.56 -1.03 -6.57	118.42 -1.03 -5.43	119.00 -0.92 -5.43	120.60 -0.92 -6.91	138.77 -0.70 -0.32	145.28 -0.71 -3.28	152.96 -0.14 -9.71	156.86 -0.16 -0.49	136.27 -0.40 -4.46	127.07 -0.49 -5.49	129.99 -0.38 -3.53	119.19 -0.80 -5.62	117.54 -0.45 -6.03	117.55 -0.89 -6.60	122.48 -0.46 -6.74	150.61 -0.30 -0.04	191.18 -0.57 -0.42	199.01 -0.82 4.89	179.64 -0.94 7.33	167.30 -1.24 8.98	142.07 -0.42 -4.12	148.48 -0.45 -0.34	141.66 -0.84 -2.50
GOUDEY___7 23579	119.63 -1.14 -7.21	119.56 -1.03 -6.57	118.42 -1.03 -5.43	119.00 -0.92 -5.43	120.60 -0.92 -6.91	138.77 -0.70 -0.32	145.28 -0.71 -3.28	152.96 -0.14 -9.71	156.86 -0.16 -0.49	136.27 -0.40 -4.46	127.07 -0.49 -5.49	129.99 -0.38 -3.53	119.19 -0.80 -5.62	117.54 -0.45 -6.03	117.55 -0.89 -6.60	122.48 -0.46 -6.74	150.61 -0.30 -0.04	191.18 -0.57 -0.42	199.01 -0.82 4.89	179.64 -0.94 7.33	167.30 -1.24 8.98	142.07 -0.42 -4.12	148.48 -0.45 -0.34	141.66 -0.84 -2.50
GOUDEY___8 23580	119.63 -1.14 -7.21	119.56 -1.03 -6.57	118.42 -1.03 -5.43	119.00 -0.92 -5.43	120.60 -0.92 -6.91	138.77 -0.70 -0.32	145.28 -0.71 -3.28	152.96 -0.14 -9.71	156.86 -0.16 -0.49	136.27 -0.40 -4.46	127.07 -0.49 -5.49	129.99 -0.38 -3.53	119.19 -0.80 -5.62	117.54 -0.45 -6.03	117.55 -0.89 -6.60	122.48 -0.46 -6.74	150.61 -0.30 -0.04	191.18 -0.57 -0.42	199.01 -0.82 4.89	179.64 -0.94 7.33	167.30 -1.24 8.98	142.07 -0.42 -4.12	148.48 -0.45 -0.34	141.66 -0.84 -2.50
GOWANUS_GT1_1 24077	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_2 24078	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_3 24079	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_4 24080	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_5 24084	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_6 24111	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_7 24112	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT1_8 24113	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT2_1 24114	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_2 24115	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_3 24116	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23

GOWANUS_GT2_4 24117	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_5 24118	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_6 24119	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_7 24120	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT2_8 24121	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_1 24122	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_2 24123	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_3 24124	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_4 24125	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_5 24126	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_6 24127	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_7 24128	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT3_8 24129	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
GOWANUS_GT4_1 24130	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_2 24131	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23

GOWANUS_GT4_3 24132	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_4 24133	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_5 24134	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_6 24135	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_7 24136	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GOWANUS_GT4_8 24137	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GREENBSH_115KV_TB3 55895	143.94 3.97 -26.40	142.05 3.99 -24.04	138.12 4.22 -19.89	138.60 4.24 -19.88	144.04 4.13 -25.32	147.49 5.01 -3.34	175.23 4.71 -27.80	209.49 4.01 -62.09	199.80 4.70 -38.58	169.44 4.23 -33.01	149.07 3.91 -23.09	145.77 4.06 -14.87	144.97 3.55 -27.05	140.80 3.47 -25.37	143.70 3.36 -28.49	147.48 2.90 -28.37	154.80 3.62 -0.31	199.42 3.44 -4.65	208.20 3.48 0.00	191.48 3.57 0.00	180.72 3.20 0.00	167.61 3.04 -26.20	155.90 3.57 -3.75	157.32 4.34 -12.98
GREENIDGE_115KV_TB5 80291	113.90 -4.32 -4.65	113.92 -4.33 -4.24	113.19 -4.33 -3.50	113.75 -4.24 -3.50	115.05 -4.01 -4.46	134.75 -4.59 -0.19	139.43 -4.00 -0.71	139.34 -4.59 -0.54	135.30 -5.01 16.22	121.71 -4.89 5.59	115.72 -4.88 1.47	120.68 -5.20 0.97	102.74 -4.92 6.72	104.86 -5.49 1.61	103.52 -5.48 2.85	109.64 -4.76 1.79	145.57 -5.28 0.02	185.84 -5.74 -0.24	167.38 -6.14 31.20	136.25 -6.39 45.27	115.87 -6.21 55.44	136.07 -4.84 -2.55	143.60 -5.20 -0.22	134.69 -5.04 0.27
GREENIDGE___3 23582	113.90 -4.32 -4.65	113.92 -4.33 -4.24	113.19 -4.33 -3.50	113.75 -4.24 -3.50	115.05 -4.01 -4.46	134.75 -4.59 -0.19	139.43 -4.00 -0.71	139.34 -4.59 -0.54	135.30 -5.01 16.22	121.71 -4.89 5.59	115.72 -4.88 1.47	120.68 -5.20 0.97	102.74 -4.92 6.72	104.86 -5.49 1.61	103.52 -5.48 2.85	109.64 -4.76 1.79	145.57 -5.28 0.02	185.84 -5.74 -0.24	167.38 -6.14 31.20	136.25 -6.39 45.27	115.87 -6.21 55.44	136.07 -4.84 -2.55	143.60 -5.20 -0.22	134.69 -5.04 0.27
GREENIDGE___4 23583	113.90 -4.32 -4.65	113.92 -4.33 -4.24	113.19 -4.33 -3.50	113.87 -4.12 -3.50	115.05 -4.01 -4.46	134.61 -4.73 -0.19	139.43 -4.00 -0.71	139.20 -4.73 -0.54	135.19 -5.02 16.32	121.52 -5.02 5.65	115.54 -5.01 1.53	120.52 -5.32 1.00	102.30 -5.26 6.82	104.80 -5.48 1.67	103.56 -5.37 2.92	109.57 -4.77 1.86	145.87 -4.97 0.02	186.02 -5.55 -0.24	168.00 -5.52 31.20	136.35 -6.02 45.53	115.54 -6.22 55.76	136.07 -4.85 -2.55	143.60 -5.20 -0.22	134.68 -5.03 0.29
GREENLWN_69_KV_BK 3 55738	145.46 8.63 -23.27	145.47 8.55 -22.90	143.24 8.55 -20.67	143.14 8.59 -20.06	145.45 8.48 -22.37	149.90 9.74 -1.01	173.57 9.85 -21.01	194.88 10.32 -41.17	177.35 12.05 -8.78	159.38 10.44 -16.74	151.17 10.13 -18.96	149.71 10.65 -12.21	146.54 9.95 -22.22	145.60 10.08 -23.57	147.76 9.84 -26.07	151.49 10.11 -25.18	166.44 12.07 -3.50	216.43 14.16 -10.93	227.13 14.54 -7.87	215.38 13.72 -13.76	202.77 12.43 -12.82	187.66 10.65 -38.64	172.02 11.00 -12.43	162.06 9.80 -12.26
GREENWD_138_KV_38B11_REV_LBMP_J 345004	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23
GRISSOM___SOLAR 323813	151.44 8.63 -29.25	149.21 8.56 -26.64	144.61 8.56 -22.03	145.21 8.70 -22.02	151.59 8.94 -28.05	156.61 11.14 -6.33	204.21 12.28 -49.22	271.08 12.05 -115.64	260.44 13.30 -90.62	199.41 10.44 -56.77	156.89 9.16 -25.65	152.37 9.01 -16.52	152.67 8.24 -30.05	147.98 7.83 -28.18	151.21 7.71 -31.66	156.09 8.37 -31.52	163.52 12.07 -0.58	218.32 16.07 -10.91	221.92 17.20 0.00	203.87 15.96 0.00	192.09 14.56 0.00	199.28 11.90 -49.01	169.87 12.48 -8.80	170.46 11.06 -19.41
GROVEVILLE___HYD 323602	143.24 7.95 -21.73	141.67 7.87 -19.79	138.14 7.75 -16.36	138.63 7.79 -16.36	143.23 7.79 -20.83	149.50 9.60 -0.76	161.96 10.28 -8.97	182.48 10.75 -28.34	177.15 12.21 -8.42	159.76 10.71 -16.85	151.01 9.89 -19.04	149.51 10.40 -12.27	145.95 9.26 -22.31	141.95 9.07 -20.92	144.40 9.06 -23.50	149.24 9.64 -23.40	163.37 12.37 -0.13	206.89 14.54 -1.01	219.87 15.15 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.76 11.07 -11.33	160.84 11.44 -0.82	158.20 9.94 -8.26
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91

HAMLTNNY_34_KV_TB 80303	115.00 -1.36 -2.81	115.21 -1.37 -2.56	114.77 -1.37 -2.11	115.34 -1.26 -2.11	116.15 -1.15 -2.69	137.78 -1.39 -0.02	142.50 -0.86 -0.64	144.83 -1.15 -2.58	155.12 -1.41 0.00	132.83 -1.59 -2.22	122.94 -1.59 -2.45	126.77 -1.65 -1.58	115.31 -1.94 -2.87	112.75 -1.90 -2.70	112.75 -2.13 -3.03	117.59 -1.63 -3.01	149.23 -1.66 -0.02	189.61 -1.72 0.00	202.67 -2.05 0.00	185.65 -2.25 0.00	175.04 -2.49 0.00	138.21 -1.66 -1.50	146.80 -1.78 0.00	139.27 -1.68 -0.95
HAMPSHIRE___PAPER_HYD 323593	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.87 -0.28 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.76 -0.34 -0.73	112.30 -0.33 -0.68	111.83 -0.78 -0.76	115.22 -1.74 -0.76	148.75 -2.11 0.00	191.91 0.58 0.00	206.16 1.44 0.00	188.47 0.57 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.03 0.00	140.10 -0.14 -0.24
HARDSCRABBLE_WT_PWR 323673	115.03 1.47 0.00	115.50 1.48 0.00	115.39 1.37 0.00	115.97 1.48 0.00	116.20 1.60 0.00	141.23 2.09 0.00	144.86 2.14 0.00	145.39 2.01 0.00	158.88 2.35 0.00	134.18 1.99 0.00	123.66 1.58 0.00	128.49 1.64 0.00	115.75 1.38 0.00	113.19 1.23 0.00	112.74 0.89 0.00	117.24 1.04 0.00	152.38 1.51 0.00	192.86 1.52 0.00	206.16 1.44 0.00	189.40 1.50 0.00	178.94 1.41 0.00	139.89 1.52 0.00	150.96 2.37 0.00	142.23 2.23 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	140.72 6.81 -20.35	139.28 6.73 -18.53	135.85 6.50 -15.33	136.34 6.53 -15.32	140.76 6.65 -19.51	148.05 8.21 -0.69	159.69 8.71 -8.27	178.88 9.18 -26.31	174.90 10.64 -7.73	157.31 9.39 -15.73	148.70 8.79 -17.84	147.59 9.26 -11.49	143.51 8.24 -20.89	139.61 8.06 -19.60	141.80 7.94 -22.01	146.60 8.48 -21.92	161.70 10.71 -0.13	204.70 12.44 -0.93	217.62 12.90 0.00	199.93 12.03 0.00	188.53 11.01 0.00	158.47 9.55 -10.56	159.14 9.81 -0.75	156.26 8.54 -7.72
HARSNRAD_115KV_TB1 81005	106.14 -11.13 -3.71	106.22 -11.17 -3.38	105.75 -11.06 -2.79	106.52 -10.76 -2.79	107.50 -10.66 -3.55	124.98 -14.19 -0.03	126.44 -16.70 -0.42	125.84 -19.21 -1.66	131.19 -19.72 5.62	115.35 -16.92 -0.07	107.96 -15.63 -1.51	111.95 -15.86 -0.97	99.76 -14.87 -0.25	98.50 -15.11 -1.66	99.19 -14.20 -1.55	103.42 -14.64 -1.86	131.26 -19.61 -0.01	166.84 -24.49 0.01	167.32 -28.25 9.15	148.74 -25.37 13.79	135.97 -24.68 16.88	121.68 -18.68 -1.99	130.90 -17.68 0.00	125.49 -15.12 -0.61
HARZA MOOSE___RIVER 24016	116.92 2.50 -0.87	117.32 2.51 -0.79	117.07 2.39 -0.65	117.55 2.40 -0.65	118.07 2.64 -0.83	142.91 3.76 -0.01	147.48 4.57 -0.20	149.35 5.16 -0.80	162.16 5.63 0.00	136.51 4.10 -0.22	126.50 3.66 -0.76	130.88 3.55 -0.49	118.24 2.97 -0.89	115.37 2.58 -0.83	115.13 2.35 -0.94	119.92 2.79 -0.93	154.94 4.07 0.00	197.27 5.93 0.00	211.27 6.55 0.00	193.54 5.64 0.00	182.50 4.97 0.00	141.96 3.60 0.00	152.75 4.16 0.00	144.49 4.20 -0.29
HDSNBRDG_115KV_BRDG_TB1 355580	113.52 -2.50 -2.45	113.75 -2.51 -2.23	113.36 -2.51 -1.85	113.93 -2.40 -1.85	114.55 -2.41 -2.35	136.38 -2.78 -0.02	140.70 -2.57 -0.56	142.92 -2.72 -2.26	153.40 -3.13 0.00	129.90 -2.91 -0.61	121.54 -2.69 -2.15	125.43 -2.79 -1.38	114.03 -2.86 -2.51	111.40 -2.91 -2.36	111.48 -3.02 -2.65	116.16 -2.67 -2.64	147.70 -3.17 0.00	187.51 -3.83 0.00	200.22 -4.50 0.00	183.58 -4.32 0.00	173.09 -4.44 0.00	135.18 -3.18 0.00	145.32 -3.27 0.00	137.75 -3.08 -0.83
HELLGATE_13_KV_LD 55870	144.18 8.97 -21.65	142.52 8.78 -19.72	138.88 8.55 -16.31	139.38 8.59 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.47 11.04 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.99 11.92 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.56 14.66 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.42 11.20 -8.23
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	144.18 8.97 -21.65	142.52 8.78 -19.72	138.88 8.55 -16.31	139.38 8.59 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	182.47 11.04 -28.04	177.80 12.99 -8.28	164.87 11.90 -20.77	152.28 11.23 -18.98	150.99 11.92 -12.23	150.33 10.64 -25.31	150.33 10.41 -27.96	145.66 10.40 -23.42	150.44 10.92 -23.32	164.28 13.28 -0.13	207.45 15.12 -1.00	220.08 15.35 0.00	202.56 14.66 0.00	190.84 13.31 0.00	161.10 11.48 -11.25	161.73 12.33 -0.81	159.42 11.20 -8.23
HEMPSTEAD____ 23647	146.37 9.54 -23.27	146.37 9.46 -22.90	143.92 9.23 -20.67	143.82 9.27 -20.06	146.37 9.40 -22.37	151.30 11.14 -1.02	176.01 12.28 -21.02	197.18 12.62 -41.17	180.19 14.88 -8.78	161.63 12.69 -16.74	153.25 12.21 -18.96	151.62 12.56 -12.22	148.27 11.67 -22.22	146.83 11.30 -23.57	149.21 11.29 -26.07	153.35 11.97 -25.18	168.86 14.48 -3.51	218.52 16.25 -10.93	229.17 16.58 -7.87	217.45 15.79 -13.76	205.07 14.73 -12.82	190.29 13.28 -38.64	174.68 13.66 -12.44	164.43 12.17 -12.26
HEWLETT_69_KV_BK3 55828	147.05 10.22 -23.27	147.06 10.15 -22.90	144.61 9.92 -20.67	144.51 9.96 -20.06	147.06 10.08 -22.37	152.41 12.24 -1.02	176.72 12.99 -21.01	197.89 13.34 -41.17	180.80 15.50 -8.78	162.29 13.35 -16.74	153.61 12.57 -18.96	152.12 13.06 -12.21	148.49 11.90 -22.22	147.17 11.64 -23.57	149.55 11.63 -26.07	153.70 12.32 -25.18	169.91 15.54 -3.50	220.64 18.37 -10.93	231.63 19.04 -7.87	219.51 17.85 -13.76	206.85 16.51 -12.82	190.84 13.84 -38.64	175.58 14.56 -12.43	165.28 13.02 -12.26
HICKLING___1 23621	115.49 -3.86 -5.79	115.53 -3.76 -5.27	114.73 -3.65 -4.36	115.30 -3.55 -4.36	116.71 -3.44 -5.55	135.77 -3.62 -0.24	140.37 -3.71 -1.36	141.74 -4.30 -2.66	138.71 -3.44 14.37	124.64 -3.57 3.99	118.58 -3.42 0.08	123.35 -3.42 0.07	105.88 -3.77 4.72	107.74 -4.14 0.08	106.88 -3.91 1.05	112.75 -3.37 0.08	147.24 -3.62 0.01	187.24 -4.40 -0.30	171.23 -4.71 28.78	141.08 -4.89 41.94	121.36 -4.79 51.38	138.23 -3.32 -3.18	145.43 -3.42 -0.26	136.40 -3.92 -0.32
HICKLING___2 23622	115.49 -3.86 -5.79	115.53 -3.76 -5.27	114.73 -3.65 -4.36	115.30 -3.55 -4.36	116.71 -3.44 -5.55	135.77 -3.62 -0.24	140.37 -3.71 -1.36	141.74 -4.30 -2.66	138.71 -3.44 14.37	124.64 -3.57 3.99	118.58 -3.42 0.08	123.35 -3.42 0.07	105.88 -3.77 4.72	107.74 -4.14 0.08	106.88 -3.91 1.05	112.75 -3.37 0.08	147.24 -3.62 0.01	187.24 -4.40 -0.30	171.23 -4.71 28.78	141.08 -4.89 41.94	121.36 -4.79 51.38	138.23 -3.32 -3.18	145.43 -3.42 -0.26	136.40 -3.92 -0.32
HIGH FALLS___HY 23754	143.14 7.95 -21.63	141.59 7.87 -19.70	137.95 7.64 -16.29	138.56 7.79 -16.29	143.14 7.79 -20.74	149.86 9.74 -0.97	163.87 10.70 -10.45	185.55 11.47 -30.69	180.15 12.68 -10.94	161.09 10.97 -17.92	151.04 10.01 -18.96	149.58 10.53 -12.21	145.85 9.26 -22.21	141.85 9.07 -20.83	144.30 9.06 -23.39	149.49 9.99 -23.29	163.84 12.82 -0.15	208.15 15.50 -1.32	220.89 16.17 0.00	202.75 14.84 0.00	191.20 13.67 0.00	162.53 11.76 -12.41	161.54 11.89 -1.06	158.57 10.08 -8.49
HIGH_RIVER___SOLAR 323847	147.98 6.13 -28.29	145.82 6.04 -25.76	141.36 6.04 -21.31	141.96 6.18 -21.30	148.02 6.30 -27.12	153.60 7.79 -6.67	202.54 8.42 -51.41	271.32 8.17 -119.76	261.30 9.07 -95.70	198.55 7.27 -59.09	153.35 6.47 -24.80	149.16 6.34 -15.98	149.38 5.94 -29.06	144.92 5.71 -27.25	148.16 5.70 -30.61	152.83 6.15 -30.48	160.23 8.75 -0.61	213.76 10.90 -11.53	216.18 11.46 0.00	198.61 10.71 0.00	187.28 9.76 0.00	198.07 8.16 -51.54	166.64 8.76 -9.29	167.30 7.69 -19.61

HILLBURN___GT 23639	140.89 6.70 -20.63	139.41 6.61 -18.78	136.05 6.50 -15.54	136.43 6.41 -15.53	140.91 6.53 -19.78	147.77 7.93 -0.70	159.80 8.71 -8.38	178.96 8.89 -26.68	175.02 10.65 -7.84	157.53 9.39 -15.94	149.06 8.91 -18.08	147.87 9.39 -11.64	144.02 8.46 -21.18	139.99 8.17 -19.86	142.31 8.16 -22.31	147.01 8.60 -22.21	161.26 10.26 -0.13	203.76 11.48 -0.94	216.18 11.46 0.00	198.99 11.08 0.00	187.64 10.11 0.00	158.48 9.41 -10.70	159.00 9.65 -0.76	156.22 8.40 -7.83
HILLSIDE_115KV_TB1 80332	114.54 -5.00 -5.98	114.56 -4.90 -5.45	113.62 -4.90 -4.50	114.18 -4.81 -4.50	115.64 -4.70 -5.73	134.25 -5.15 -0.25	138.83 -5.42 -1.54	140.65 -6.02 -3.29	138.26 -5.01 13.26	124.26 -4.63 3.31	118.09 -4.39 -0.41	122.65 -4.44 -0.25	105.81 -4.69 3.88	107.37 -5.04 -0.45	106.75 -4.70 0.40	112.41 -4.30 -0.51	145.88 -4.98 0.01	185.14 -6.51 -0.32	170.75 -6.96 27.01	141.55 -6.95 39.41	122.51 -6.75 48.27	136.96 -4.70 -3.30	143.81 -5.05 -0.27	134.91 -5.60 -0.51
HISHELDN_WT_PWR 323625	108.19 -9.65 -4.28	108.34 -9.58 -3.90	107.78 -9.46 -3.23	108.44 -9.27 -3.22	109.54 -9.17 -4.11	127.63 -11.69 -0.18	131.07 -12.99 -1.34	131.87 -14.92 -3.40	133.71 -14.72 8.09	118.79 -12.69 0.72	111.62 -11.72 -1.26	115.72 -11.93 -0.81	102.34 -11.33 0.72	101.70 -11.65 -1.39	102.00 -10.96 -1.10	106.83 -10.93 -1.56	137.14 -13.73 0.00	174.10 -17.22 0.01	173.28 -18.22 13.22	149.91 -18.22 19.77	135.65 -17.58 24.30	127.68 -13.01 -2.32	135.96 -12.63 0.00	128.76 -11.76 -0.52
HOLTSVILLE_IC_1 23690	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.23 13.63 -41.21	181.15 15.80 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.50 17.23 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.16 13.15 -38.64	174.98 13.96 -12.43	165.28 13.02 -12.26
HOLTSVILLE_IC_10 23699	148.19 11.35 -23.27	148.21 11.29 -22.90	145.75 11.06 -20.67	145.66 11.10 -20.06	148.32 11.35 -22.37	153.43 13.23 -1.06	178.18 14.41 -21.05	199.37 14.77 -41.21	182.26 16.91 -8.82	163.22 14.28 -16.74	154.35 13.31 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.84 12.32 -23.57	150.33 12.41 -26.07	154.39 13.01 -25.18	169.91 15.54 -3.50	221.03 18.76 -10.93	231.63 19.04 -7.87	219.88 18.22 -13.76	206.86 16.51 -12.82	191.13 14.12 -38.64	175.88 14.86 -12.43	166.12 13.86 -12.26
HOLTSVILLE_IC_2 23691	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.23 13.63 -41.21	181.15 15.80 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.50 17.23 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.16 13.15 -38.64	174.98 13.96 -12.43	165.28 13.02 -12.26
HOLTSVILLE_IC_3 23692	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.23 13.63 -41.21	181.15 15.80 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.50 17.23 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.16 13.15 -38.64	174.98 13.96 -12.43	165.28 13.02 -12.26
HOLTSVILLE_IC_4 23693	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.23 13.63 -41.21	181.15 15.80 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.50 17.23 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.16 13.15 -38.64	174.98 13.96 -12.43	165.28 13.02 -12.26
HOLTSVILLE_IC_5 23694	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.23 13.63 -41.21	181.15 15.80 -8.82	162.29 13.35 -16.74	153.50 12.46 -18.96	151.86 12.81 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.50 17.23 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.16 13.15 -38.64	174.98 13.96 -12.43	165.28 13.02 -12.26
HOLTSVILLE_IC_6 23695	148.19 11.35 -23.27	148.21 11.29 -22.90	145.75 11.06 -20.67	145.66 11.10 -20.06	148.32 11.35 -22.37	153.43 13.23 -1.06	178.18 14.41 -21.05	199.37 14.77 -41.21	182.26 16.91 -8.82	163.22 14.28 -16.74	154.35 13.31 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.84 12.32 -23.57	150.33 12.41 -26.07	154.39 13.01 -25.18	169.91 15.54 -3.50	221.03 18.76 -10.93	231.63 19.04 -7.87	219.88 18.22 -13.76	206.86 16.51 -12.82	191.13 14.12 -38.64	175.88 14.86 -12.43	166.12 13.86 -12.26
HOLTSVILLE_IC_7 23696	148.19 11.35 -23.27	148.21 11.29 -22.90	145.75 11.06 -20.67	145.66 11.10 -20.06	148.32 11.35 -22.37	153.43 13.23 -1.06	178.18 14.41 -21.05	199.37 14.77 -41.21	182.26 16.91 -8.82	163.22 14.28 -16.74	154.35 13.31 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.84 12.32 -23.57	150.33 12.41 -26.07	154.39 13.01 -25.18	169.91 15.54 -3.50	221.03 18.76 -10.93	231.63 19.04 -7.87	219.88 18.22 -13.76	206.86 16.51 -12.82	191.13 14.12 -38.64	175.88 14.86 -12.43	166.12 13.86 -12.26
HOLTSVILLE_IC_8 23697	148.19 11.35 -23.27	148.21 11.29 -22.90	145.75 11.06 -20.67	145.66 11.10 -20.06	148.32 11.35 -22.37	153.43 13.23 -1.06	178.18 14.41 -21.05	199.37 14.77 -41.21	182.26 16.91 -8.82	163.22 14.28 -16.74	154.35 13.31 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.84 12.32 -23.57	150.33 12.41 -26.07	154.39 13.01 -25.18	169.91 15.54 -3.50	221.03 18.76 -10.93	231.63 19.04 -7.87	219.88 18.22 -13.76	206.86 16.51 -12.82	191.13 14.12 -38.64	175.88 14.86 -12.43	166.12 13.86 -12.26
HOLTSVILLE_IC_9 23698	148.19 11.35 -23.27	148.21 11.29 -22.90	145.75 11.06 -20.67	145.66 11.10 -20.06	148.32 11.35 -22.37	153.43 13.23 -1.06	178.18 14.41 -21.05	199.37 14.77 -41.21	182.26 16.91 -8.82	163.22 14.28 -16.74	154.35 13.31 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.84 12.32 -23.57	150.33 12.41 -26.07	154.39 13.01 -25.18	169.91 15.54 -3.50	221.03 18.76 -10.93	231.63 19.04 -7.87	219.88 18.22 -13.76	206.86 16.51 -12.82	191.13 14.12 -38.64	175.88 14.86 -12.43	166.12 13.86 -12.26
HOMER_HL_115KV_TB2 355744	106.44 -11.58 -4.46	106.56 -11.52 -4.06	105.86 -11.52 -3.36	106.63 -11.22 -3.36	107.65 -11.23 -4.28	128.06 -11.27 -0.18	131.13 -12.99 -1.40	133.89 -13.05 -3.55	143.12 -7.04 6.36	125.38 -6.08 0.73	118.14 -5.25 -1.31	122.48 -5.20 -0.83	107.91 -5.72 0.75	106.79 -6.61 -1.44	107.51 -5.48 -1.14	112.93 -4.88 -1.61	144.38 -6.49 0.00	181.24 -10.33 -0.24	181.28 -9.83 13.61	157.95 -9.40 20.56	142.51 -9.76 25.26	134.29 -6.50 -2.43	141.06 -7.73 -0.20	129.69 -11.06 -0.75
HOWARD_WT_PWR 323690	109.95 -8.52 -4.91	110.05 -8.44 -4.47	109.40 -8.32 -3.70	110.17 -8.02 -3.69	111.40 -7.91 -4.70	129.88 -9.47 -0.20	134.83 -8.85 -0.96	134.79 -10.04 -1.44	132.06 -9.86 14.61	118.30 -9.26 4.64	112.34 -8.91 0.83	117.04 -9.25 0.55	99.89 -8.92 5.56	101.65 -9.40 0.91	101.04 -8.84 1.97	106.82 -8.37 1.01	141.05 -9.80 0.02	180.88 -10.71 -0.26	165.99 -10.43 28.30	135.86 -10.52 41.53	116.71 -9.94 50.88	134.14 -6.91 -2.69	141.39 -7.43 -0.22	132.70 -7.29 0.01

HQ_GEN_CEDARS 23644	111.97 -1.59 0.00	112.08 -1.94 0.00	112.08 -1.94 0.00	112.09 -2.40 0.00	111.97 -2.64 0.00	135.67 -3.48 0.00	139.00 -3.71 0.00	142.24 -1.15 0.00	152.30 -4.23 0.00	128.36 -3.83 0.00	118.54 -3.54 0.00	122.91 -3.93 0.00	112.20 -2.17 0.00	110.50 -1.46 0.00	110.39 -1.45 0.00	112.60 -3.60 0.00	145.74 -5.13 0.00	189.42 -1.91 0.00	203.70 -1.02 0.00	186.40 -1.50 0.00	176.64 -0.89 0.00	134.63 -3.74 0.00	144.13 -4.46 0.00	136.36 -3.64 0.00
HQ_GEN_CEDARS_PROXY 323590	111.97 -1.59 0.00	111.97 -2.05 0.00	111.97 -2.05 0.00	111.97 -2.52 0.00	111.97 -2.63 0.00	135.67 -3.47 0.00	139.00 -3.71 0.00	142.24 -1.15 0.00	152.31 -4.22 0.00	128.50 -3.70 0.00	118.53 -3.54 0.00	123.04 -3.80 0.00	111.97 -2.41 0.00	110.39 -1.57 0.00	110.28 -1.57 0.00	111.97 -3.83 0.40	145.84 -5.43 -0.40	189.80 -1.54 0.00	203.91 -0.82 0.00	186.79 -1.12 0.00	176.82 -0.71 0.00	134.64 -3.73 0.00	144.13 -4.45 0.00	136.36 -3.64 0.00
HQ_GEN_IMPORT 323601	112.08 -1.48 0.00	112.53 -1.49 0.00	112.53 -1.49 0.00	112.89 -1.60 0.00	113.00 -1.60 0.00	137.20 -1.95 0.00	140.58 -2.14 0.00	141.52 -1.87 0.00	154.02 -2.51 0.00	130.08 -2.12 0.00	120.00 -2.08 0.00	124.68 -2.16 0.00	112.78 -1.60 0.00	110.39 -1.57 0.00	110.39 -1.46 0.00	113.83 -1.98 0.40	148.55 -2.71 -0.40	189.42 -1.91 0.00	203.50 -1.22 0.00	186.60 -1.31 0.00	176.64 -0.88 0.00	136.29 -2.07 0.00	146.20 -2.38 0.00	137.90 -2.10 0.00
HQ_GEN_WHEEL 23651	112.08 -1.48 0.00	112.53 -1.49 0.00	112.53 -1.49 0.00	112.89 -1.60 0.00	113.00 -1.60 0.00	137.20 -1.95 0.00	140.58 -2.14 0.00	141.52 -1.87 0.00	154.02 -2.51 0.00	130.08 -2.12 0.00	120.00 -2.08 0.00	124.68 -2.16 0.00	112.78 -1.60 0.00	110.39 -1.57 0.00	110.39 -1.46 0.00	113.83 -1.98 0.40	148.55 -2.71 -0.40	189.42 -1.91 0.00	203.50 -1.22 0.00	186.60 -1.31 0.00	176.64 -0.88 0.00	136.29 -2.07 0.00	146.20 -2.38 0.00	137.90 -2.10 0.00
HUDSON AVE_GT_3 23810	143.61 8.40 -21.64	141.94 8.21 -19.71	138.30 7.98 -16.30	138.68 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.94 10.42 -8.81	182.32 10.90 -28.04	177.64 12.84 -8.28	160.58 11.63 -16.75	152.03 10.99 -18.97	150.73 11.67 -12.22	147.01 10.41 -22.22	142.99 10.19 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.98 12.97 -0.13	207.06 14.73 -1.00	219.67 14.94 0.00	202.19 14.28 0.00	190.66 13.14 0.00	160.96 11.35 -11.25	161.13 11.74 -0.80	158.71 10.50 -8.22
HUDSON AVE_GT_4 23540	143.61 8.40 -21.64	141.94 8.21 -19.71	138.30 7.98 -16.30	138.68 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.94 10.42 -8.81	182.32 10.90 -28.04	177.64 12.84 -8.28	160.58 11.63 -16.75	152.03 10.99 -18.97	150.73 11.67 -12.22	147.01 10.41 -22.22	142.99 10.19 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.98 12.97 -0.13	207.06 14.73 -1.00	219.67 14.94 0.00	202.19 14.28 0.00	190.66 13.14 0.00	160.96 11.35 -11.25	161.13 11.74 -0.80	158.71 10.50 -8.22
HUDSON AVE_GT_5 23657	143.61 8.40 -21.64	141.94 8.21 -19.71	138.30 7.98 -16.30	138.68 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.94 10.42 -8.81	182.32 10.90 -28.04	177.64 12.84 -8.28	160.58 11.63 -16.75	152.03 10.99 -18.97	150.73 11.67 -12.22	147.01 10.41 -22.22	142.99 10.19 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.98 12.97 -0.13	207.06 14.73 -1.00	219.67 14.94 0.00	202.19 14.28 0.00	190.66 13.14 0.00	160.96 11.35 -11.25	161.13 11.74 -0.80	158.71 10.50 -8.22
HUDSON_AVE_10 24168	143.38 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.34 7.56 -16.30	143.15 7.79 -20.75	149.34 9.46 -0.74	161.66 10.13 -8.81	182.18 10.75 -28.04	177.64 12.84 -8.28	160.45 11.50 -16.75	151.91 10.86 -18.97	150.60 11.54 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.82 12.82 -0.13	207.06 14.73 -1.00	219.46 14.74 0.00	202.00 14.09 0.00	190.49 12.96 0.00	160.82 11.21 -11.25	160.98 11.59 -0.80	158.57 10.36 -8.22
HUDSON___115KV_TB 4 355613	145.29 5.91 -25.83	143.36 5.81 -23.52	139.63 6.16 -19.45	140.12 6.18 -19.45	145.44 6.07 -24.77	149.52 7.65 -2.73	173.42 7.28 -23.42	205.01 6.74 -54.88	195.63 7.36 -31.75	167.79 5.95 -29.65	149.81 5.13 -22.60	146.60 5.20 -14.56	145.32 4.46 -26.48	141.16 4.37 -24.83	144.21 4.47 -27.89	148.50 4.53 -27.77	157.33 6.19 -0.27	202.81 7.65 -3.82	214.55 9.83 0.00	196.74 8.83 0.00	185.51 7.99 0.00	167.18 5.81 -23.00	158.06 6.39 -3.08	159.21 7.14 -12.08
HUNTER MOUNT___DRP 323613	144.57 5.79 -25.22	142.69 5.70 -22.97	139.06 6.04 -19.00	139.55 6.07 -18.99	144.74 5.96 -24.18	149.14 7.65 -2.35	171.09 7.71 -20.66	200.60 7.17 -50.04	191.57 7.67 -27.37	165.75 6.21 -27.34	149.28 5.13 -22.08	146.26 5.20 -14.22	144.59 4.35 -25.86	140.47 4.25 -24.26	143.45 4.36 -27.24	147.86 4.53 -27.13	157.60 6.49 -0.25	203.05 8.42 -3.30	216.59 11.87 0.00	198.62 10.71 0.00	187.11 9.59 0.00	165.46 6.23 -20.87	157.93 6.69 -2.66	158.55 7.14 -11.42
HUNTINGTON_RES_REC 323705	146.60 9.77 -23.27	146.60 9.69 -22.90	144.27 9.58 -20.67	144.17 9.62 -20.06	146.60 9.63 -22.37	151.01 10.86 -1.00	175.55 11.84 -21.00	196.72 12.18 -41.15	179.53 14.24 -8.76	160.97 12.03 -16.74	152.51 11.47 -18.96	150.98 11.92 -12.21	147.81 11.22 -22.21	146.51 10.98 -23.57	148.76 10.85 -26.07	152.65 11.27 -25.18	167.49 13.12 -3.50	217.96 15.69 -10.93	228.57 15.98 -7.87	216.88 15.21 -13.76	204.20 13.86 -12.82	189.04 12.03 -38.64	173.50 12.48 -12.43	163.46 11.20 -12.26
HUNTLEY___63 23557	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.41 -10.49 -2.88	107.18 -10.19 -2.88	108.07 -10.20 -3.66	125.96 -13.22 -0.03	127.44 -15.70 -0.42	127.13 -17.92 -1.66	132.43 -18.16 5.94	116.72 -15.47 0.02	109.54 -14.04 -1.50	113.47 -14.33 -0.96	101.02 -13.50 -0.14	99.95 -13.66 -1.65	100.16 -13.20 -1.52	104.80 -13.25 -1.85	132.92 -17.95 -0.01	168.94 -22.39 0.01	169.32 -25.79 9.60	149.73 -23.68 14.50	136.62 -23.08 17.83	123.41 -17.02 -2.06	132.39 -16.20 0.00	126.60 -14.00 -0.61
HUNTLEY___64 23558	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.41 -10.49 -2.88	107.18 -10.19 -2.88	108.07 -10.20 -3.66	125.96 -13.22 -0.03	127.44 -15.70 -0.42	127.13 -17.92 -1.66	132.43 -18.16 5.94	116.72 -15.47 0.02	109.54 -14.04 -1.50	113.47 -14.33 -0.96	101.02 -13.50 -0.14	99.95 -13.66 -1.65	100.16 -13.20 -1.52	104.80 -13.25 -1.85	132.92 -17.95 -0.01	168.94 -22.39 0.01	169.32 -25.79 9.60	149.73 -23.68 14.50	136.62 -23.08 17.83	123.41 -17.02 -2.06	132.39 -16.20 0.00	126.60 -14.00 -0.61
HUNTLEY___65 23559	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.41 -10.49 -2.88	107.18 -10.19 -2.88	108.07 -10.20 -3.66	125.96 -13.22 -0.03	127.44 -15.70 -0.42	127.13 -17.92 -1.66	132.43 -18.16 5.94	116.72 -15.47 0.02	109.54 -14.04 -1.50	113.47 -14.33 -0.96	101.02 -13.50 -0.14	99.95 -13.66 -1.65	100.16 -13.20 -1.52	104.80 -13.25 -1.85	132.92 -17.95 -0.01	168.94 -22.39 0.01	169.32 -25.79 9.60	149.73 -23.68 14.50	136.62 -23.08 17.83	123.41 -17.02 -2.06	132.39 -16.20 0.00	126.60 -14.00 -0.61
HUNTLEY___66 23560	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.41 -10.49 -2.88	107.18 -10.19 -2.88	108.07 -10.20 -3.66	125.96 -13.22 -0.03	127.44 -15.70 -0.42	127.13 -17.92 -1.66	132.43 -18.16 5.94	116.72 -15.47 0.02	109.54 -14.04 -1.50	113.47 -14.33 -0.96	101.02 -13.50 -0.14	99.95 -13.66 -1.65	100.16 -13.20 -1.52	104.80 -13.25 -1.85	132.92 -17.95 -0.01	168.94 -22.39 0.01	169.32 -25.79 9.60	149.73 -23.68 14.50	136.62 -23.08 17.83	123.41 -17.02 -2.06	132.39 -16.20 0.00	126.60 -14.00 -0.61

HUNTLEY___67 23561	106.77 -10.67 -3.89	106.96 -10.60 -3.54	106.46 -10.49 -2.93	107.23 -10.19 -2.93	108.13 -10.20 -3.73	126.24 -12.94 -0.03	127.86 -15.27 -0.42	127.54 -17.49 -1.65	132.76 -17.69 6.08	117.06 -15.07 0.07	109.89 -13.67 -1.49	113.97 -13.83 -0.95	101.08 -13.38 -0.09	100.16 -13.43 -1.63	100.36 -12.97 -1.49	105.25 -12.78 -1.83	133.68 -17.20 -0.01	169.71 -21.62 0.01	170.06 -24.98 9.68	150.37 -22.92 14.61	137.02 -22.37 18.14	124.14 -16.33 -2.10	133.13 -15.45 0.00	126.88 -13.72 -0.60
HUNTLEY___68 23562	106.77 -10.67 -3.89	106.96 -10.60 -3.54	106.46 -10.49 -2.93	107.23 -10.19 -2.93	108.13 -10.20 -3.73	126.24 -12.94 -0.03	127.86 -15.27 -0.42	127.54 -17.49 -1.65	132.76 -17.69 6.08	117.06 -15.07 0.07	109.89 -13.67 -1.49	113.97 -13.83 -0.95	101.08 -13.38 -0.09	100.16 -13.43 -1.63	100.36 -12.97 -1.49	105.25 -12.78 -1.83	133.68 -17.20 -0.01	169.71 -21.62 0.01	170.06 -24.98 9.68	150.37 -22.92 14.61	137.02 -22.37 18.14	124.14 -16.33 -2.10	133.13 -15.45 0.00	126.88 -13.72 -0.60
HYLAND___LFGE 323620	117.49 -0.23 -4.16	117.47 -0.34 -3.79	116.81 -0.34 -3.13	117.62 0.00 -3.13	118.93 0.34 -3.99	139.88 0.70 -0.03	143.82 0.86 -0.24	144.71 0.43 -0.89	146.41 -0.78 9.34	128.25 -2.52 1.43	119.22 -3.66 -0.80	123.28 -4.06 -0.51	108.32 -4.46 1.60	108.14 -4.70 -0.88	108.17 -4.14 -0.46	114.40 -2.79 -0.99	150.57 -0.30 0.00	192.85 1.52 0.01	192.13 2.86 15.45	165.18 0.19 22.92	148.56 -0.88 28.08	139.79 -0.83 -2.25	148.29 -0.30 0.00	140.20 -0.14 -0.35
INDECK___CORINTH 23802	150.69 9.77 -27.36	148.52 9.58 -24.92	144.31 9.69 -20.61	144.94 9.85 -20.60	150.92 10.09 -26.24	157.88 12.38 -6.35	205.02 13.27 -49.03	271.49 13.05 -115.05	263.15 14.88 -91.74	201.86 12.42 -57.24	157.42 11.35 -23.99	153.58 11.28 -15.45	152.20 9.72 -28.11	147.72 9.41 -26.36	150.63 9.17 -29.61	155.68 9.99 -29.48	165.33 13.87 -0.59	220.18 17.80 -11.05	223.15 18.43 0.00	205.00 17.10 0.00	193.32 15.79 0.00	201.03 12.72 -49.94	171.16 13.66 -8.91	171.33 12.46 -18.88
INDECK___ILION 23567	115.26 1.70 0.00	115.73 1.71 0.00	115.62 1.60 0.00	116.21 1.72 0.00	116.32 1.72 0.00	141.37 2.23 0.00	145.14 2.43 0.00	145.68 2.29 0.00	159.19 2.66 0.00	134.45 2.25 0.00	124.03 1.95 0.00	128.87 2.03 0.00	116.09 1.72 0.00	113.52 1.57 0.00	113.30 1.45 0.00	117.83 1.63 0.00	153.13 2.26 0.00	193.82 2.49 0.00	207.18 2.46 0.00	190.35 2.44 0.00	179.66 2.13 0.00	140.44 2.08 0.00	151.11 2.53 0.00	142.38 2.38 0.00
INDECK___OLEAN 23982	106.44 -11.58 -4.46	106.57 -11.51 -4.06	105.87 -11.51 -3.36	106.63 -11.22 -3.36	107.65 -11.23 -4.28	125.55 -13.78 -0.18	131.56 -12.56 -1.40	132.31 -14.63 -3.55	142.88 -7.35 6.30	125.29 -6.21 0.69	117.94 -5.49 -1.35	122.25 -5.45 -0.86	108.09 -5.60 0.68	106.40 -7.05 -1.49	107.79 -5.25 -1.20	112.99 -4.88 -1.67	142.87 -8.00 -0.01	181.42 -10.15 -0.24	180.05 -11.06 13.61	158.12 -9.39 20.39	142.88 -9.59 25.05	134.29 -6.50 -2.43	141.05 -7.73 -0.20	129.56 -11.20 -0.77
INDECK___OSWEGO 23783	116.85 1.02 -2.27	117.11 1.02 -2.07	116.75 1.02 -1.71	117.22 1.03 -1.71	118.04 1.26 -2.17	140.97 1.80 -0.02	145.80 2.57 -0.52	148.19 2.72 -2.09	159.35 2.82 0.00	134.48 1.71 -0.56	125.64 1.58 -1.98	129.65 1.53 -1.28	117.73 1.03 -2.32	114.92 0.79 -2.18	114.85 0.56 -2.45	119.91 1.28 -2.43	153.43 2.56 0.00	194.78 3.45 0.00	208.81 4.09 0.00	190.90 3.00 0.00	179.83 2.30 0.00	140.03 1.67 0.00	150.51 1.93 0.00	142.45 1.69 -0.77
INDECK___YERKES 23781	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.30 -10.60 -2.88	107.18 -10.19 -2.88	107.95 -10.31 -3.66	125.82 -13.36 -0.03	127.29 -15.85 -0.42	126.84 -18.21 -1.66	131.83 -18.79 5.91	116.47 -15.73 0.00	109.07 -14.53 -1.52	113.10 -14.71 -0.97	100.94 -13.61 -0.18	99.86 -13.77 -1.67	100.08 -13.31 -1.54	104.60 -13.48 -1.88	133.67 -17.20 -0.01	169.13 -22.19 0.01	171.58 -23.54 9.60	149.61 -23.87 14.42	136.71 -23.07 17.74	123.26 -17.16 -2.06	132.24 -16.35 0.00	126.48 -14.13 -0.61
INDIAN POINT_GT_1 24139	142.02 7.04 -21.42	140.48 6.96 -19.51	136.88 6.73 -16.14	137.37 6.75 -16.13	142.02 6.88 -20.54	148.22 8.35 -0.73	160.28 8.85 -8.72	180.31 9.18 -27.75	175.52 10.80 -8.19	158.42 9.65 -16.58	149.88 9.03 -18.78	148.58 9.64 -12.09	144.95 8.58 -22.00	141.09 8.51 -20.63	143.40 8.39 -23.17	148.10 8.83 -23.07	162.01 11.01 -0.13	204.76 12.44 -0.99	217.41 12.69 0.00	199.93 12.03 0.00	188.53 11.01 0.00	159.18 9.69 -11.13	159.34 9.96 -0.80	156.95 8.82 -8.13
INDIAN POINT_GT_2 23659	142.02 7.04 -21.42	140.48 6.96 -19.51	136.88 6.73 -16.14	137.37 6.75 -16.13	142.02 6.88 -20.54	148.22 8.35 -0.73	160.28 8.85 -8.72	180.31 9.18 -27.75	175.52 10.80 -8.19	158.42 9.65 -16.58	149.88 9.03 -18.78	148.58 9.64 -12.09	144.95 8.58 -22.00	141.09 8.51 -20.63	143.40 8.39 -23.17	148.10 8.83 -23.07	162.01 11.01 -0.13	204.76 12.44 -0.99	217.41 12.69 0.00	199.93 12.03 0.00	188.53 11.01 0.00	159.18 9.69 -11.13	159.34 9.96 -0.80	156.95 8.82 -8.13
INDIAN POINT_GT_3 24019	142.02 7.04 -21.42	140.48 6.96 -19.51	136.88 6.73 -16.14	137.37 6.75 -16.13	142.02 6.88 -20.54	148.22 8.35 -0.73	160.28 8.85 -8.72	180.31 9.18 -27.75	175.52 10.80 -8.19	158.42 9.65 -16.58	149.88 9.03 -18.78	148.58 9.64 -12.09	144.95 8.58 -22.00	141.09 8.51 -20.63	143.40 8.39 -23.17	148.10 8.83 -23.07	162.01 11.01 -0.13	204.76 12.44 -0.99	217.41 12.69 0.00	199.93 12.03 0.00	188.53 11.01 0.00	159.18 9.69 -11.13	159.34 9.96 -0.80	156.95 8.82 -8.13
INDIAN POINT___2 23530	141.51 6.81 -21.14	139.99 6.73 -19.25	136.55 6.61 -15.92	136.92 6.52 -15.91	141.51 6.64 -20.27	147.79 7.93 -0.72	160.02 8.71 -8.60	179.78 9.04 -27.36	175.23 10.65 -8.06	157.93 9.39 -16.34	149.63 9.03 -18.52	148.29 9.52 -11.93	144.66 8.58 -21.70	140.59 8.28 -20.35	142.98 8.28 -22.86	147.68 8.72 -22.76	161.40 10.40 -0.13	203.78 11.48 -0.97	216.18 11.46 0.00	198.99 11.08 0.00	187.64 10.11 0.00	158.75 9.41 -10.97	159.02 9.65 -0.78	156.56 8.54 -8.02
INDIAN POINT___3 23531	141.92 6.93 -21.44	140.38 6.84 -19.52	136.78 6.61 -16.15	137.27 6.64 -16.14	141.92 6.76 -20.55	148.08 8.21 -0.73	160.01 8.56 -8.73	180.19 9.03 -27.77	175.37 10.64 -8.20	158.30 9.52 -16.59	149.78 8.91 -18.79	148.33 9.39 -12.10	144.85 8.46 -22.01	140.88 8.28 -20.64	143.20 8.16 -23.18	148.00 8.71 -23.09	161.71 10.71 -0.13	204.57 12.25 -0.99	217.00 12.28 0.00	199.56 11.65 0.00	188.36 10.83 0.00	158.91 9.41 -11.14	159.19 9.81 -0.80	156.82 8.68 -8.14
INGHAM_C_115KV_TB7 356103	115.94 2.38 0.00	116.41 2.39 0.00	116.41 2.39 0.00	116.89 2.40 0.00	117.12 2.52 0.00	142.34 3.20 0.00	146.14 3.43 0.00	146.69 3.30 0.00	160.13 3.60 0.00	135.24 3.04 0.00	124.76 2.69 0.00	129.51 2.66 0.00	116.78 2.40 0.00	114.08 2.13 0.00	113.64 1.79 0.00	118.17 1.98 0.00	153.58 2.72 0.00	194.40 3.06 0.00	207.79 3.07 0.00	190.91 3.01 0.00	180.37 2.84 0.00	140.86 2.49 0.00	152.15 3.57 0.00	143.50 3.50 0.00
IP CORINTH___1 23988	150.69 9.77 -27.36	148.52 9.58 -24.92	144.32 9.69 -20.61	144.94 9.85 -20.60	150.92 10.08 -26.24	158.16 12.66 -6.35	204.88 13.13 -49.03	271.49 13.05 -115.05	263.14 14.87 -91.74	201.86 12.43 -57.24	157.42 11.35 -23.99	153.58 11.29 -15.45	152.20 9.72 -28.10	147.60 9.29 -26.35	150.51 9.06 -29.60	155.67 9.99 -29.48	165.34 13.88 -0.59	220.18 17.79 -11.05	223.35 18.63 0.00	205.01 17.10 0.00	193.33 15.80 0.00	201.04 12.73 -49.94	171.17 13.67 -8.91	171.34 12.46 -18.88

IP___TICONDEROGA 23804	154.52 13.63 -27.33	152.25 13.34 -24.89	147.94 13.34 -20.58	148.69 13.62 -20.58	154.79 13.98 -26.20	163.11 17.67 -6.29	209.86 18.55 -48.59	276.08 18.50 -114.20	268.56 21.13 -90.90	206.36 17.32 -56.85	161.78 15.75 -23.96	157.88 15.60 -15.43	155.60 13.15 -28.07	150.93 12.65 -26.32	153.83 12.42 -29.57	159.70 14.06 -29.44	171.52 20.07 -0.59	228.88 26.60 -10.95	232.77 28.05 0.00	213.46 25.56 0.00	200.78 23.26 0.00	205.78 17.85 -49.56	176.58 19.17 -8.83	176.14 17.36 -18.78
ISLIP_RES_REC 323679	148.76 11.92 -23.27	148.77 11.86 -22.90	146.33 11.64 -20.67	146.24 11.68 -20.06	148.89 11.92 -22.37	154.11 13.91 -1.06	179.04 15.28 -21.05	200.23 15.63 -41.21	183.34 17.99 -8.82	164.01 15.07 -16.74	155.07 14.03 -18.96	153.38 14.33 -12.21	149.97 13.38 -22.21	148.40 12.87 -23.57	151.00 13.08 -26.07	155.20 13.82 -25.18	170.97 16.60 -3.50	222.54 20.27 -10.93	233.06 20.47 -7.87	221.20 19.54 -13.76	208.09 17.75 -12.82	192.09 15.08 -38.64	176.93 15.91 -12.43	166.95 14.70 -12.26
JAMAICA__27_KV_LOAD 355505	144.18 8.97 -21.64	142.40 8.67 -19.71	138.53 8.21 -16.30	138.91 8.13 -16.30	143.72 8.37 -20.75	150.18 10.30 -0.74	162.94 11.42 -8.81	183.76 12.33 -28.04	179.68 14.87 -8.28	162.18 13.22 -16.76	153.51 12.45 -18.98	152.27 13.19 -12.23	148.39 11.78 -22.23	144.34 11.53 -20.85	146.79 11.52 -23.42	151.61 12.08 -23.32	165.79 14.78 -0.14	209.56 17.22 -1.01	222.33 17.61 -0.01	204.64 16.72 -0.01	192.98 15.44 -0.01	162.76 13.14 -11.25	162.91 13.52 -0.80	159.97 11.76 -8.22
JANIS___SOLAR 323808	123.80 4.08 -6.16	123.85 4.22 -5.61	122.76 4.10 -4.64	123.24 4.12 -4.64	124.86 4.35 -5.91	145.61 6.12 -0.35	155.20 7.70 -4.79	166.54 7.74 -15.42	192.08 11.58 -23.97	156.55 8.33 -16.02	139.96 6.83 -11.05	140.32 6.34 -7.14	137.33 5.03 -17.93	128.69 4.59 -12.14	131.43 4.92 -14.67	136.27 6.50 -13.57	161.38 10.40 -0.11	206.97 14.93 -0.70	253.27 16.79 -31.76	247.48 14.47 -45.11	245.34 12.61 -55.21	153.46 9.97 -5.12	159.53 10.40 -0.55	154.18 9.38 -4.80
JARVIS____ 23743	114.70 1.14 0.00	115.16 1.14 0.00	115.16 1.14 0.00	115.63 1.14 0.00	115.75 1.15 0.00	140.54 1.39 0.00	144.14 1.43 0.00	144.82 1.43 0.00	158.25 1.72 0.00	133.66 1.46 0.00	123.42 1.35 0.00	128.24 1.40 0.00	115.64 1.26 0.00	113.08 1.12 0.00	112.97 1.12 0.00	117.48 1.28 0.00	152.53 1.66 0.00	193.05 1.72 0.00	206.16 1.44 0.00	189.40 1.50 0.00	178.94 1.41 0.00	139.89 1.52 0.00	150.22 1.64 0.00	141.54 1.54 0.00
JENNISON___1 23625	125.88 4.54 -7.77	125.89 4.79 -7.08	124.44 4.56 -5.86	124.92 4.58 -5.85	126.87 4.81 -7.45	146.37 6.68 -0.54	155.99 7.85 -5.42	166.98 8.17 -15.42	190.23 20.35 -13.36	159.39 15.34 -11.86	143.01 13.06 -7.87	144.47 12.56 -5.08	135.06 10.52 -10.16	130.35 9.74 -8.65	131.71 9.95 -9.91	138.07 12.20 -9.67	168.93 17.95 -0.11	217.60 25.06 -1.20	247.53 27.43 -15.37	220.64 24.24 -8.49	209.92 22.01 -10.39	163.76 17.30 -8.09	167.82 18.28 -0.96	160.73 16.66 -4.07
JENNISON___2 23626	125.88 4.54 -7.77	125.89 4.79 -7.08	124.44 4.56 -5.86	124.92 4.58 -5.85	126.87 4.81 -7.45	146.37 6.68 -0.54	155.99 7.85 -5.42	166.98 8.17 -15.42	190.23 20.35 -13.36	159.39 15.34 -11.86	143.01 13.06 -7.87	144.47 12.56 -5.08	135.06 10.52 -10.16	130.35 9.74 -8.65	131.71 9.95 -9.91	138.07 12.20 -9.67	168.93 17.95 -0.11	217.60 25.06 -1.20	247.53 27.43 -15.37	220.64 24.24 -8.49	209.92 22.01 -10.39	163.76 17.30 -8.09	167.82 18.28 -0.96	160.73 16.66 -4.07
JERICHO_RISE_WT_PWR 323719	111.40 -2.16 0.00	111.62 -2.40 0.00	111.74 -2.28 0.00	112.20 -2.29 0.00	112.19 -2.41 0.00	136.36 -2.78 0.00	139.00 -3.71 0.00	140.37 -3.02 0.00	152.31 -4.22 0.00	128.36 -3.84 0.00	118.42 -3.66 0.00	122.78 -4.06 0.00	111.18 -3.20 0.00	108.94 -3.02 0.00	108.94 -2.91 0.00	112.60 -3.60 0.00	146.03 -4.83 0.00	188.27 -3.07 0.00	202.67 -2.05 0.00	185.66 -2.25 0.00	175.75 -1.78 0.00	135.19 -3.18 0.00	144.72 -3.86 0.00	136.64 -3.36 0.00
KATONAH___115KV_46KV_TB4 355592	143.54 8.06 -21.91	142.07 8.10 -19.96	138.50 7.98 -16.50	139.00 8.01 -16.50	143.75 8.14 -21.01	149.77 9.88 -0.75	162.51 10.85 -8.95	183.15 11.33 -28.43	178.09 13.15 -8.42	160.67 11.50 -16.97	152.02 10.74 -19.20	150.63 11.42 -12.37	147.05 10.18 -22.50	142.91 9.85 -21.10	145.28 9.73 -23.70	150.02 10.23 -23.60	164.13 13.13 -0.14	207.46 15.12 -1.01	220.48 15.76 0.00	202.56 14.66 0.00	190.84 13.31 0.00	161.52 11.76 -11.40	161.59 12.18 -0.82	158.82 10.50 -8.32
KCE_NY_1 323755	149.02 8.18 -27.28	146.96 8.10 -24.85	142.67 8.10 -20.55	143.28 8.25 -20.54	149.12 8.36 -26.16	155.64 10.30 -6.20	201.40 10.71 -47.97	266.84 10.46 -112.99	258.13 11.89 -89.71	198.54 10.04 -56.30	155.16 9.16 -23.92	151.51 9.25 -15.41	150.53 8.12 -28.03	146.08 7.83 -26.28	149.20 7.83 -29.52	154.08 8.48 -29.40	163.07 11.62 -0.58	216.50 14.36 -10.81	219.47 14.75 0.00	201.81 13.90 0.00	190.48 12.95 0.00	198.05 10.66 -49.03	168.74 11.44 -8.71	169.00 10.36 -18.64
KCE_NY_6_ESR 323823	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.79 -9.73 -3.04	108.73 -9.74 -3.87	126.93 -12.25 -0.03	129.29 -13.84 -0.42	128.97 -16.06 -1.63	135.21 -14.72 6.60	119.46 -12.56 0.18	112.34 -11.23 -1.49	116.38 -11.42 -0.95	103.47 -10.87 0.04	102.41 -11.19 -1.64	102.92 -10.40 -1.47	107.70 -10.34 -1.84	137.30 -13.58 -0.01	173.73 -17.60 0.01	175.41 -18.63 10.69	153.25 -18.61 16.05	139.65 -18.11 19.77	127.40 -13.15 -2.18	135.66 -12.93 0.00	128.42 -12.18 -0.61
KEDC_PORT_JEFF_GT2 24210	148.08 11.24 -23.27	148.10 11.18 -22.90	145.64 10.95 -20.67	145.55 10.99 -20.06	148.09 11.11 -22.37	153.15 12.94 -1.06	178.04 14.27 -21.06	199.08 14.48 -41.22	182.11 16.76 -8.83	162.95 14.01 -16.74	154.11 13.07 -18.96	152.49 13.44 -12.21	149.06 12.47 -22.21	147.62 12.10 -23.57	150.11 12.19 -26.07	154.05 12.67 -25.18	168.71 14.34 -3.50	219.68 17.41 -10.93	229.98 17.39 -7.87	218.38 16.72 -13.76	205.61 15.27 -12.82	190.16 13.15 -38.64	174.84 13.82 -12.43	165.00 12.74 -12.26
KEDC_PORT_JEFF_GT3 24211	148.08 11.24 -23.27	148.10 11.18 -22.90	145.64 10.95 -20.67	145.55 10.99 -20.06	148.09 11.11 -22.37	153.15 12.94 -1.06	178.04 14.27 -21.06	199.08 14.48 -41.22	182.11 16.76 -8.83	162.95 14.01 -16.74	154.11 13.07 -18.96	152.49 13.44 -12.21	149.06 12.47 -22.21	147.62 12.10 -23.57	150.11 12.19 -26.07	154.05 12.67 -25.18	168.71 14.34 -3.50	219.68 17.41 -10.93	229.98 17.39 -7.87	218.38 16.72 -13.76	205.61 15.27 -12.82	190.16 13.15 -38.64	174.84 13.82 -12.43	165.00 12.74 -12.26
KEDC_GLWD_GT4 24219	146.71 9.87 -23.27	146.72 9.81 -22.90	144.38 9.69 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.71 11.54 -1.02	176.43 12.70 -21.02	197.61 13.05 -41.17	180.66 15.35 -8.78	162.16 13.22 -16.74	153.62 12.58 -18.96	152.12 13.07 -12.22	148.60 12.01 -22.22	147.17 11.64 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	169.31 14.94 -3.51	218.14 15.87 -10.93	228.76 16.17 -7.87	217.07 15.41 -13.76	205.07 14.73 -12.82	190.57 13.57 -38.64	175.15 14.12 -12.44	164.87 12.60 -12.26
KEDC_GLWD_GT5 24220	146.71 9.87 -23.27	146.72 9.81 -22.90	144.38 9.69 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	151.71 11.54 -1.02	176.43 12.70 -21.02	197.61 13.05 -41.17	180.66 15.35 -8.78	162.16 13.22 -16.74	153.62 12.58 -18.96	152.12 13.07 -12.22	148.60 12.01 -22.22	147.17 11.64 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	169.31 14.94 -3.51	218.14 15.87 -10.93	228.76 16.17 -7.87	217.07 15.41 -13.76	205.07 14.73 -12.82	190.57 13.57 -38.64	175.15 14.12 -12.44	164.87 12.60 -12.26

KENSICO____ 23655	142.65 7.49 -21.60	140.99 7.30 -19.67	137.47 7.18 -16.27	137.96 7.21 -16.26	142.64 7.33 -20.71	148.65 8.77 -0.74	160.79 9.28 -8.79	181.12 9.75 -27.98	176.22 11.43 -8.27	159.09 10.18 -16.71	150.53 9.52 -18.93	149.18 10.15 -12.19	145.70 9.15 -22.17	141.71 8.96 -20.80	144.04 8.84 -23.36	148.75 9.30 -23.26	162.62 11.62 -0.13	205.53 13.20 -1.00	218.03 13.31 0.00	200.50 12.59 0.00	189.24 11.72 0.00	159.69 10.10 -11.22	159.94 10.55 -0.80	157.58 9.38 -8.20
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	142.16 7.84 -20.76	140.68 7.75 -18.91	137.18 7.53 -15.64	137.79 7.67 -15.63	142.19 7.68 -19.91	149.60 9.60 -0.85	162.75 10.56 -9.48	183.12 11.18 -28.54	178.47 12.37 -9.57	159.70 10.71 -16.79	149.91 9.64 -18.19	148.71 10.15 -11.72	144.50 8.81 -21.32	140.57 8.62 -19.99	143.02 8.72 -22.45	148.20 9.64 -22.36	163.38 12.37 -0.14	207.60 15.12 -1.15	220.69 15.97 0.00	202.56 14.66 0.00	190.84 13.31 0.00	161.22 11.35 -11.51	161.11 11.59 -0.93	157.99 9.94 -8.05
KIAC_JFK_GT1 23816	143.04 7.84 -21.64	141.26 7.53 -19.71	137.39 7.07 -16.30	137.88 7.10 -16.30	142.69 7.33 -20.75	148.79 8.91 -0.74	161.52 9.99 -8.81	182.32 10.90 -28.04	178.11 13.30 -8.28	160.85 11.90 -16.76	152.78 11.72 -18.98	151.51 12.43 -12.23	147.71 11.09 -22.23	143.67 10.86 -20.85	146.01 10.74 -23.42	150.91 11.39 -23.32	164.89 13.88 -0.14	207.65 15.31 -1.01	220.29 15.56 -0.01	202.57 14.66 -0.01	191.20 13.67 -0.01	161.80 12.18 -11.25	161.87 12.48 -0.80	158.99 10.78 -8.22
KIAC_JFK_GT2 23817	143.04 7.84 -21.64	141.26 7.53 -19.71	137.39 7.07 -16.30	137.88 7.10 -16.30	142.69 7.33 -20.75	148.79 8.91 -0.74	161.52 9.99 -8.81	182.32 10.90 -28.04	178.11 13.30 -8.28	160.85 11.90 -16.76	152.78 11.72 -18.98	151.51 12.43 -12.23	147.71 11.09 -22.23	143.67 10.86 -20.85	146.01 10.74 -23.42	150.91 11.39 -23.32	164.89 13.88 -0.14	207.65 15.31 -1.01	220.29 15.56 -0.01	202.57 14.66 -0.01	191.20 13.67 -0.01	161.80 12.18 -11.25	161.87 12.48 -0.80	158.99 10.78 -8.22
KIAC_JFK____ 323774	143.03 7.83 -21.64	141.25 7.52 -19.71	137.51 7.19 -16.30	137.89 7.10 -16.30	142.70 7.34 -20.75	148.65 8.77 -0.74	161.94 10.41 -8.81	182.62 11.19 -28.04	178.58 13.78 -8.28	161.11 12.15 -16.76	152.78 11.72 -18.98	151.51 12.44 -12.23	147.94 11.33 -22.23	143.89 11.09 -20.85	146.34 11.08 -23.42	151.03 11.51 -23.32	164.59 13.58 -0.14	207.07 14.73 -1.01	219.48 14.75 -0.01	202.19 14.27 -0.01	190.67 13.14 -0.01	162.08 12.46 -11.25	162.01 12.62 -0.80	159.14 10.93 -8.22
KINTIGH____ 23543	108.36 -8.63 -3.43	108.48 -8.67 -3.12	108.16 -8.44 -2.58	108.83 -8.24 -2.58	109.64 -8.25 -3.29	128.04 -11.13 -0.03	130.02 -13.13 -0.43	129.46 -15.63 -1.70	133.91 -17.84 4.77	117.29 -15.20 -0.30	109.71 -13.92 -1.55	113.63 -14.21 -1.00	101.29 -13.61 -0.53	100.34 -13.32 -1.71	100.30 -13.20 -1.65	104.98 -13.13 -1.91	133.53 -17.35 -0.01	170.28 -21.05 0.01	171.95 -24.98 7.80	153.22 -22.92 11.77	140.96 -22.19 14.37	123.73 -16.47 -1.83	133.28 -15.30 0.00	128.44 -12.18 -0.62
KNTFSRNC_46_KV_46KV_LOAD 80397	113.45 -0.11 0.00	113.68 -0.34 0.00	113.91 -0.11 0.00	114.37 -0.11 0.00	114.37 -0.23 0.00	139.14 0.00 0.00	141.43 -1.28 0.00	142.96 -0.43 0.00	155.12 -1.41 0.00	130.48 -1.72 0.00	120.24 -1.83 0.00	124.56 -2.28 0.00	113.00 -1.37 0.00	110.61 -1.34 0.00	110.62 -1.23 0.00	114.46 -1.74 0.00	148.91 -1.96 0.00	191.72 0.38 0.00	206.36 1.64 0.00	188.47 0.56 0.00	178.41 0.89 0.00	137.40 -0.97 0.00	147.10 -1.49 0.00	138.74 -1.26 0.00
LACHUTE__HYDRO 323717	154.51 13.62 -27.33	152.24 13.33 -24.89	147.94 13.33 -20.58	148.68 13.62 -20.58	154.78 13.98 -26.20	162.83 17.39 -6.29	210.00 18.69 -48.59	276.22 18.63 -114.20	268.55 21.12 -90.90	206.36 17.31 -56.85	161.67 15.63 -23.96	157.87 15.60 -15.44	155.60 13.15 -28.07	150.93 12.65 -26.33	153.83 12.41 -29.57	159.70 14.05 -29.45	171.52 20.07 -0.59	228.87 26.59 -10.95	232.56 27.84 0.00	213.26 25.36 0.00	200.96 23.43 0.00	205.78 17.86 -49.56	176.59 19.18 -8.83	176.14 17.36 -18.78
LAWRNCV_115KV_TB1 80681	111.97 -1.59 0.00	112.08 -1.94 0.00	112.08 -1.94 0.00	112.20 -2.29 0.00	112.08 -2.52 0.00	135.94 -3.20 0.00	139.43 -3.28 0.00	142.53 -0.86 0.00	152.93 -3.60 0.00	128.85 -3.44 -0.09	119.08 -3.30 -0.30	123.36 -3.68 -0.19	112.67 -2.06 -0.35	110.61 -1.68 -0.33	110.09 -2.13 -0.37	112.27 -4.30 -0.37	144.68 -6.19 0.00	188.08 -3.25 0.00	202.47 -2.25 0.00	185.09 -2.82 0.00	175.22 -2.31 0.00	133.94 -4.43 0.00	143.68 -4.90 0.00	136.61 -3.50 -0.12
LEDERLE____ 23769	141.44 7.04 -20.84	139.95 6.96 -18.98	136.44 6.73 -15.70	136.93 6.75 -15.69	141.46 6.88 -19.98	148.20 8.35 -0.71	160.18 8.99 -8.47	179.81 9.46 -26.96	175.42 10.96 -7.93	158.09 9.78 -16.11	149.50 9.16 -18.27	148.37 9.77 -11.77	144.47 8.69 -21.40	140.53 8.51 -20.07	142.77 8.39 -22.54	147.59 8.95 -22.44	162.16 11.16 -0.13	205.11 12.82 -0.96	217.82 13.10 0.00	200.12 12.21 0.00	188.89 11.36 0.00	159.00 9.82 -10.81	159.46 10.10 -0.77	156.73 8.82 -7.91
LIGHTHSE_115KV_TB6 355974	116.37 0.79 -2.02	116.66 0.80 -1.84	116.34 0.80 -1.52	116.81 0.80 -1.52	117.57 1.03 -1.93	140.55 1.39 -0.02	145.31 2.14 -0.46	147.68 2.44 -1.86	159.03 2.50 0.00	134.15 1.45 -0.50	125.18 1.34 -1.76	129.25 1.27 -1.14	117.02 0.57 -2.07	114.23 0.34 -1.94	114.25 0.22 -2.18	119.41 1.05 -2.17	152.68 1.81 0.00	194.20 2.87 0.00	207.79 3.07 0.00	190.16 2.25 0.00	179.12 1.60 0.00	139.47 1.11 0.00	150.22 1.63 0.00	142.22 1.54 -0.68
LINDEN COGEN____ 23786	125.30 7.38 -4.36	124.40 7.19 -3.19	124.40 6.96 -3.42	124.40 6.98 -2.93	126.29 7.11 -4.58	124.40 8.49 23.23	124.40 9.56 27.88	129.93 9.89 23.34	125.31 11.89 43.11	124.40 10.58 18.38	124.40 10.01 7.69	124.40 10.66 13.10	124.40 9.61 -0.41	124.40 9.29 -3.16	124.40 9.28 -3.27	124.40 9.76 1.56	124.40 11.32 37.79	93.97 12.43 109.79	82.20 12.28 134.80	87.60 12.04 112.35	124.40 11.01 64.14	124.40 10.24 24.21	124.40 10.40 34.58	124.40 9.24 24.83
LINDHRST_69_KV_BK1 356055	147.96 11.13 -23.27	147.86 10.95 -22.90	145.41 10.72 -20.67	145.32 10.76 -20.06	147.97 11.00 -22.37	153.39 13.22 -1.02	177.43 13.70 -21.02	199.19 14.63 -41.17	181.75 16.44 -8.78	163.22 14.28 -16.74	154.35 13.31 -18.96	152.88 13.83 -12.21	149.06 12.47 -22.22	147.96 12.43 -23.57	150.33 12.42 -26.07	154.51 13.13 -25.18	170.97 16.60 -3.50	222.36 20.09 -10.93	233.47 20.88 -7.87	221.20 19.54 -13.76	208.10 17.75 -12.82	191.81 14.81 -38.64	176.47 15.45 -12.43	166.26 14.00 -12.26
LIPA_MISC_IPP 23656	148.42 11.58 -23.27	148.43 11.52 -22.90	145.87 11.17 -20.67	145.89 11.33 -20.06	148.55 11.57 -22.37	154.26 14.05 -1.06	178.33 14.56 -21.06	199.51 14.91 -41.21	182.41 17.06 -8.82	163.22 14.28 -16.74	154.22 13.18 -18.96	152.50 13.45 -12.21	148.72 12.12 -22.22	147.62 12.09 -23.57	150.11 12.19 -26.07	154.28 12.90 -25.18	170.36 15.99 -3.50	222.17 19.90 -10.93	232.65 20.06 -7.87	221.02 19.35 -13.76	207.92 17.58 -12.82	191.40 14.39 -38.64	176.47 15.45 -12.43	166.54 14.28 -12.26
LISF__SOLAR 323691	148.64 11.81 -23.27	148.66 11.75 -22.90	146.20 11.51 -20.67	146.11 11.56 -20.06	148.78 11.81 -22.37	153.98 13.78 -1.06	178.89 15.12 -21.06	199.95 15.35 -41.21	182.88 17.53 -8.82	163.48 14.54 -16.74	154.47 13.43 -18.96	152.63 13.58 -12.21	149.29 12.69 -22.21	147.73 12.21 -23.57	150.33 12.41 -26.07	154.62 13.24 -25.18	170.52 16.15 -3.50	222.17 19.90 -10.93	232.44 19.85 -7.87	221.02 19.36 -13.76	207.92 17.58 -12.82	191.95 14.95 -38.64	176.76 15.74 -12.43	166.82 14.56 -12.26

LITTLE FALLS___HYD 24013	115.94 2.38 0.00	116.41 2.39 0.00	116.41 2.39 0.00	116.89 2.40 0.00	117.12 2.52 0.00	142.34 3.20 0.00	146.14 3.43 0.00	146.69 3.30 0.00	160.13 3.60 0.00	135.24 3.04 0.00	124.76 2.69 0.00	129.51 2.66 0.00	116.78 2.40 0.00	114.08 2.13 0.00	113.64 1.79 0.00	118.17 1.98 0.00	153.58 2.72 0.00	194.40 3.06 0.00	207.79 3.07 0.00	190.91 3.01 0.00	180.37 2.84 0.00	140.86 2.49 0.00	152.15 3.57 0.00	143.50 3.50 0.00
LITTLRIV_115KV_TB1 356100	113.70 -0.23 -0.36	113.78 -0.57 -0.33	113.72 -0.57 -0.27	113.85 -0.92 -0.27	113.92 -1.03 -0.35	137.90 -1.25 0.00	141.66 -1.14 -0.08	144.87 1.15 -0.34	155.12 -1.41 0.00	130.57 -1.72 -0.09	120.57 -1.83 -0.32	124.89 -2.16 -0.21	113.95 -0.80 -0.38	111.75 -0.56 -0.35	111.24 -1.01 -0.40	113.69 -2.90 -0.39	146.79 -4.07 0.00	190.95 -0.38 0.00	205.54 0.82 0.00	187.91 0.00 0.00	177.70 0.18 0.00	135.88 -2.49 0.00	145.91 -2.67 0.00	138.58 -1.54 -0.12
LI_NEWBRDGE___DRP 323616	145.69 8.86 -23.27	145.69 8.78 -22.90	143.24 8.55 -20.67	143.14 8.59 -20.06	145.68 8.71 -22.37	150.74 10.57 -1.02	174.72 10.99 -21.01	196.03 11.47 -41.17	178.61 13.30 -8.78	160.57 11.63 -16.74	152.03 10.99 -18.96	150.47 11.42 -12.21	147.00 10.41 -22.22	145.83 10.30 -23.57	148.21 10.29 -26.07	152.19 10.81 -25.18	167.80 13.43 -3.50	217.77 15.50 -10.93	228.36 15.76 -7.87	216.51 14.84 -13.76	204.01 13.67 -12.82	188.77 11.76 -38.64	173.35 12.33 -12.43	163.32 11.06 -12.26
LOCKPORT_115KV_TB60_63_64 80432	106.23 -11.02 -3.68	106.43 -10.95 -3.35	105.85 -10.95 -2.77	106.73 -10.53 -2.77	107.59 -10.54 -3.53	125.26 -13.91 -0.03	126.73 -16.41 -0.42	126.27 -18.78 -1.67	131.76 -19.25 5.52	115.90 -16.39 -0.10	108.21 -15.38 -1.52	112.21 -15.60 -0.97	100.13 -14.53 -0.28	98.73 -14.89 -1.67	99.54 -13.87 -1.56	103.66 -14.41 -1.87	131.71 -19.16 -0.01	167.41 -23.92 0.01	168.30 -27.43 8.99	149.56 -24.80 13.55	136.81 -24.14 16.58	121.94 -18.40 -1.98	131.20 -17.38 0.00	125.77 -14.84 -0.61
LOCKPORT___CC1 323769	106.14 -11.12 -3.71	106.34 -11.06 -3.38	105.75 -11.06 -2.79	106.51 -10.77 -2.79	107.50 -10.65 -3.55	124.98 -14.19 -0.03	126.30 -16.84 -0.42	125.84 -19.21 -1.66	130.74 -20.19 5.59	115.10 -17.18 -0.08	107.62 -15.99 -1.53	111.58 -16.24 -0.98	99.79 -14.87 -0.27	98.64 -15.00 -1.68	98.77 -14.65 -1.57	103.21 -14.87 -1.88	132.16 -18.71 -0.01	167.02 -24.30 0.01	169.97 -25.60 9.15	148.23 -25.93 13.74	136.21 -24.50 16.82	121.68 -18.68 -1.99	130.90 -17.68 0.00	125.49 -15.12 -0.61
LOCKPORT___CC2 323770	106.14 -11.12 -3.71	106.34 -11.06 -3.38	105.75 -11.06 -2.79	106.51 -10.77 -2.79	107.50 -10.65 -3.55	124.98 -14.19 -0.03	126.30 -16.84 -0.42	125.84 -19.21 -1.66	130.74 -20.19 5.59	115.10 -17.18 -0.08	107.62 -15.99 -1.53	111.58 -16.24 -0.98	99.79 -14.87 -0.27	98.64 -15.00 -1.68	98.77 -14.65 -1.57	103.21 -14.87 -1.88	132.16 -18.71 -0.01	167.02 -24.30 0.01	169.97 -25.60 9.15	148.23 -25.93 13.74	136.21 -24.50 16.82	121.68 -18.68 -1.99	130.90 -17.68 0.00	125.49 -15.12 -0.61
LOCKPORT___CC3 323771	106.14 -11.12 -3.71	106.34 -11.06 -3.38	105.75 -11.06 -2.79	106.51 -10.77 -2.79	107.50 -10.65 -3.55	124.98 -14.19 -0.03	126.30 -16.84 -0.42	125.84 -19.21 -1.66	130.74 -20.19 5.59	115.10 -17.18 -0.08	107.62 -15.99 -1.53	111.58 -16.24 -0.98	99.79 -14.87 -0.27	98.64 -15.00 -1.68	98.77 -14.65 -1.57	103.21 -14.87 -1.88	132.16 -18.71 -0.01	167.02 -24.30 0.01	169.97 -25.60 9.15	148.23 -25.93 13.74	136.21 -24.50 16.82	121.68 -18.68 -1.99	130.90 -17.68 0.00	125.49 -15.12 -0.61
LONG_LAKE_PHOENIX 24014	116.20 0.34 -2.30	116.57 0.46 -2.09	116.20 0.46 -1.73	116.68 0.46 -1.73	117.38 0.57 -2.20	140.14 0.97 -0.02	144.95 1.71 -0.52	147.22 1.72 -2.11	158.09 1.57 0.00	133.69 0.93 -0.57	124.82 0.73 -2.01	128.90 0.76 -1.29	116.84 0.11 -2.35	114.16 0.00 -2.21	114.21 -0.11 -2.48	119.25 0.58 -2.47	152.23 1.36 0.00	193.44 2.10 0.00	206.97 2.25 0.00	189.41 1.50 0.00	178.59 1.07 0.00	139.20 0.83 0.00	149.48 0.89 0.00	141.62 0.84 -0.78
LOVETT___3 23632	141.06 6.59 -20.92	139.57 6.50 -19.05	136.16 6.39 -15.75	136.65 6.41 -15.75	141.19 6.53 -20.06	147.65 7.79 -0.71	159.50 8.28 -8.50	179.20 8.75 -27.06	174.67 10.17 -7.97	157.49 9.12 -16.17	148.95 8.55 -18.33	147.78 9.13 -11.81	143.97 8.12 -21.48	140.16 8.06 -20.14	142.41 7.94 -22.62	147.09 8.37 -22.53	161.41 10.41 -0.13	203.97 11.67 -0.96	216.59 11.87 0.00	199.18 11.27 0.00	187.82 10.30 0.00	158.35 9.13 -10.86	158.87 9.51 -0.77	156.20 8.26 -7.94
LOVETT___4 23642	141.06 6.59 -20.92	139.57 6.50 -19.05	136.16 6.39 -15.75	136.65 6.41 -15.75	141.19 6.53 -20.06	147.65 7.79 -0.71	159.50 8.28 -8.50	179.20 8.75 -27.06	174.67 10.17 -7.97	157.49 9.12 -16.17	148.95 8.55 -18.33	147.78 9.13 -11.81	143.97 8.12 -21.48	140.16 8.06 -20.14	142.41 7.94 -22.62	147.09 8.37 -22.53	161.41 10.41 -0.13	203.97 11.67 -0.96	216.59 11.87 0.00	199.18 11.27 0.00	187.82 10.30 0.00	158.35 9.13 -10.86	158.87 9.51 -0.77	156.20 8.26 -7.94
LOVETT___5 23593	141.06 6.59 -20.92	139.57 6.50 -19.05	136.16 6.39 -15.75	136.65 6.41 -15.75	141.19 6.53 -20.06	147.65 7.79 -0.71	159.50 8.28 -8.50	179.20 8.75 -27.06	174.67 10.17 -7.97	157.49 9.12 -16.17	148.95 8.55 -18.33	147.78 9.13 -11.81	143.97 8.12 -21.48	140.16 8.06 -20.14	142.41 7.94 -22.62	147.09 8.37 -22.53	161.41 10.41 -0.13	203.97 11.67 -0.96	216.59 11.87 0.00	199.18 11.27 0.00	187.82 10.30 0.00	158.35 9.13 -10.86	158.87 9.51 -0.77	156.20 8.26 -7.94
LOWER RAQUET___HYD 24057	112.47 -1.48 -0.39	112.43 -1.94 -0.35	112.37 -1.94 -0.29	112.49 -2.29 -0.29	112.56 -2.41 -0.37	136.22 -2.93 0.00	139.80 -3.00 -0.09	143.03 -0.71 -0.35	153.23 -3.29 0.00	129.12 -3.17 -0.10	119.24 -3.17 -0.34	123.51 -3.55 -0.22	112.49 -2.29 -0.40	110.43 -1.90 -0.37	109.80 -2.46 -0.42	111.85 -4.77 -0.42	144.23 -6.63 0.00	188.08 -3.25 0.00	202.27 -2.45 0.00	185.09 -2.81 0.00	175.04 -2.49 0.00	133.80 -4.56 0.00	143.69 -4.90 0.00	136.77 -3.36 -0.13
LOWER___HUDSON 24059	146.72 6.36 -26.80	144.69 6.27 -24.41	140.47 6.27 -20.19	141.07 6.41 -20.18	146.83 6.53 -25.70	152.38 8.07 -5.17	191.35 7.99 -40.65	250.16 8.02 -98.75	241.23 9.07 -75.63	189.66 7.66 -49.80	152.66 7.08 -23.50	149.21 7.23 -15.14	148.31 6.40 -27.54	144.05 6.27 -25.82	147.11 6.26 -29.00	151.82 6.74 -28.88	160.58 9.20 -0.51	210.58 10.13 -9.11	215.16 10.44 0.00	197.86 9.95 0.00	186.93 9.40 0.00	189.38 8.30 -42.71	164.85 8.91 -7.34	164.98 7.98 -17.01
LOWVILLE_115KV_TB2 356335	116.32 1.82 -0.94	116.70 1.82 -0.86	116.44 1.71 -0.71	116.80 1.60 -0.71	117.34 1.83 -0.90	142.07 2.92 -0.01	146.78 3.85 -0.21	148.99 4.73 -0.87	161.38 4.85 0.00	135.74 3.30 -0.23	125.83 2.93 -0.82	130.16 2.79 -0.53	117.63 2.29 -0.96	114.65 1.79 -0.90	114.43 1.57 -1.01	119.07 1.86 -1.01	153.73 2.87 0.00	196.50 5.17 0.00	210.66 5.94 0.00	192.60 4.70 0.00	181.61 4.08 0.00	141.00 2.63 0.00	152.00 3.42 0.00	144.10 3.78 -0.32
LUTHERFT_115KV_GLOB_FND_222 355753	148.91 8.06 -27.28	146.85 7.98 -24.85	142.55 7.98 -20.55	143.16 8.13 -20.54	149.13 8.37 -26.16	155.64 10.30 -6.20	201.25 10.56 -47.97	266.70 10.32 -112.99	257.98 11.74 -89.71	198.41 9.91 -56.30	155.03 9.03 -23.92	151.51 9.26 -15.41	150.41 8.01 -28.02	145.96 7.73 -26.28	149.08 7.72 -29.52	153.96 8.37 -29.39	162.92 11.47 -0.58	216.30 14.16 -10.81	219.46 14.74 0.00	201.62 13.72 0.00	190.13 12.60 0.00	197.91 10.52 -49.03	168.59 11.29 -8.71	168.86 10.22 -18.64

LUTHERNY_35_KV_BK2 355980	149.02 8.18 -27.28	146.96 8.10 -24.85	142.66 8.10 -20.55	143.27 8.24 -20.54	149.13 8.37 -26.16	155.78 10.44 -6.20	201.39 10.70 -47.97	266.85 10.47 -112.99	258.13 11.90 -89.71	198.54 10.05 -56.30	155.15 9.16 -23.92	151.51 9.26 -15.41	150.52 8.12 -28.02	146.07 7.84 -26.28	149.08 7.72 -29.52	154.07 8.48 -29.39	163.07 11.62 -0.58	216.49 14.35 -10.81	219.67 14.94 0.00	201.81 13.91 0.00	190.31 12.78 0.00	198.05 10.65 -49.03	168.74 11.44 -8.71	169.00 10.36 -18.64
LWR___OSWEGATCHIE_HYD 23850	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.73 -0.42 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.99 -0.11 -0.73	112.42 -0.22 -0.68	111.94 -0.67 -0.77	115.45 -1.51 -0.76	148.76 -2.11 0.00	191.72 0.38 0.00	205.95 1.23 0.00	188.28 0.38 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.04 0.00	140.10 -0.14 -0.24
LYONS_FALL_HYD 23570	116.92 2.50 -0.87	117.31 2.51 -0.79	117.07 2.40 -0.65	117.55 2.41 -0.65	118.07 2.64 -0.83	142.91 3.76 -0.01	147.48 4.57 -0.20	149.34 5.15 -0.80	162.15 5.63 0.00	136.52 4.10 -0.22	126.49 3.66 -0.76	130.88 3.55 -0.49	118.23 2.97 -0.89	115.37 2.58 -0.83	115.13 2.35 -0.93	119.91 2.78 -0.93	154.94 4.07 0.00	197.27 5.94 0.00	211.47 6.75 0.00	193.54 5.63 0.00	182.49 4.96 0.00	141.96 3.59 0.00	152.74 4.15 0.00	144.49 4.20 -0.29
MADISON___COUNTY_LFGE 323628	118.45 3.41 -1.48	118.90 3.53 -1.35	118.67 3.53 -1.12	119.15 3.55 -1.12	119.81 3.78 -1.42	144.31 5.15 -0.01	149.05 5.99 -0.34	150.78 6.02 -1.37	163.26 6.73 0.00	137.72 5.16 -0.37	127.89 4.52 -1.30	132.24 4.57 -0.84	119.56 3.66 -1.52	116.85 3.47 -1.43	116.80 3.36 -1.60	121.86 4.07 -1.59	156.45 5.58 0.00	198.60 7.27 0.00	212.30 7.57 0.00	194.48 6.58 0.00	183.38 5.86 0.00	143.07 4.70 0.00	153.79 5.20 0.00	145.26 4.76 -0.50
MALONE___115KV_TB1 356076	113.22 -0.34 0.00	113.33 -0.68 0.00	113.56 -0.46 0.00	113.92 -0.57 0.00	113.91 -0.69 0.00	138.59 -0.56 0.00	141.72 -1.00 0.00	143.53 0.14 0.00	155.43 -1.10 0.00	130.74 -1.45 0.00	120.49 -1.59 0.00	124.81 -2.03 0.00	113.35 -1.03 0.00	110.95 -1.01 0.00	110.84 -1.01 0.00	114.34 -1.86 0.00	148.60 -2.26 0.00	191.72 0.38 0.00	206.56 1.84 0.00	188.66 0.75 0.00	178.59 1.07 0.00	137.26 -1.11 0.00	146.95 -1.63 0.00	138.74 -1.26 0.00
MAPLEWOD_115KV_TB3 80458	145.54 5.34 -26.64	143.53 5.24 -24.26	139.44 5.36 -20.07	139.93 5.38 -20.06	145.53 5.39 -25.55	150.01 6.68 -4.19	183.06 6.56 -33.78	234.33 6.60 -84.35	225.12 7.51 -61.08	182.01 6.61 -43.20	151.55 6.10 -23.37	148.24 6.34 -15.05	147.36 5.60 -27.38	143.12 5.49 -25.67	146.16 5.48 -28.84	150.37 5.46 -28.71	158.69 7.39 -0.43	206.73 8.04 -7.36	212.91 8.19 0.00	195.61 7.70 0.00	184.63 7.10 0.00	181.08 6.50 -36.21	161.50 6.98 -5.93	162.15 6.72 -15.44
MAPLE_RIDGE_WT_1 323574	110.73 -2.83 0.00	111.17 -2.85 0.00	111.28 -2.74 0.00	111.74 -2.75 0.00	111.74 -2.86 0.00	135.67 -3.47 0.00	139.00 -3.71 0.00	139.95 -3.44 0.00	152.31 -4.22 0.00	128.64 -3.56 0.00	118.79 -3.29 0.00	123.29 -3.55 0.00	111.40 -2.97 0.00	109.16 -2.79 0.00	109.06 -2.79 0.00	113.07 -3.13 0.00	146.64 -4.22 0.00	187.12 -4.21 0.00	200.82 -3.90 0.00	184.33 -3.58 0.00	174.51 -3.02 0.00	135.45 -2.91 0.00	145.62 -2.97 0.00	137.62 -2.38 0.00
MAPLE_RIDGE_WT_2 323611	110.73 -2.83 0.00	111.17 -2.85 0.00	111.28 -2.74 0.00	111.74 -2.75 0.00	111.74 -2.86 0.00	135.67 -3.47 0.00	139.00 -3.71 0.00	139.95 -3.44 0.00	152.31 -4.22 0.00	128.64 -3.56 0.00	118.79 -3.29 0.00	123.29 -3.55 0.00	111.40 -2.97 0.00	109.16 -2.79 0.00	109.06 -2.79 0.00	113.07 -3.13 0.00	146.64 -4.22 0.00	187.12 -4.21 0.00	200.82 -3.90 0.00	184.33 -3.58 0.00	174.51 -3.02 0.00	135.45 -2.91 0.00	145.62 -2.97 0.00	137.62 -2.38 0.00
MARBLE_RIVER_WT_PWR 323696	111.52 -2.04 0.00	111.74 -2.28 0.00	111.85 -2.17 0.00	112.31 -2.18 0.00	112.31 -2.29 0.00	136.50 -2.65 0.00	139.00 -3.71 0.00	140.37 -3.02 0.00	152.46 -4.07 0.00	128.50 -3.70 0.00	118.42 -3.66 0.00	122.78 -4.06 0.00	111.18 -3.20 0.00	109.05 -2.91 0.00	108.94 -2.91 0.00	112.60 -3.60 0.00	146.19 -4.68 0.00	188.47 -2.86 0.00	202.67 -2.05 0.00	185.46 -2.45 0.00	175.58 -1.95 0.00	135.19 -3.18 0.00	144.72 -3.86 0.00	136.64 -3.36 0.00
MARSHVLE_115KV_TB1 80742	152.13 7.95 -30.62	149.77 7.87 -27.89	144.95 7.87 -23.06	145.56 8.01 -23.05	152.21 8.25 -29.36	155.85 10.85 -5.86	200.67 11.85 -46.11	264.78 11.61 -109.77	252.91 12.99 -83.39	195.59 9.91 -53.47	157.34 8.42 -26.84	152.00 7.86 -17.29	153.37 7.55 -31.45	148.73 7.28 -29.49	152.02 7.05 -33.13	156.51 7.32 -32.99	162.57 11.16 -0.54	216.88 15.50 -10.04	221.51 16.79 0.00	203.31 15.41 0.00	191.37 13.85 0.00	195.26 11.48 -45.41	168.87 12.18 -8.10	169.61 10.50 -19.11
MARSH_HILL_WT_PWR 323713	110.12 -8.29 -4.85	110.22 -8.21 -4.41	109.58 -8.09 -3.65	110.24 -7.90 -3.65	111.57 -7.68 -4.65	130.02 -9.32 -0.20	135.04 -8.71 -1.04	135.31 -9.89 -1.81	133.59 -9.70 13.24	118.96 -9.26 3.98	112.71 -8.91 0.46	117.39 -9.13 0.31	100.71 -8.92 4.75	102.05 -9.40 0.50	101.57 -8.84 1.44	107.27 -8.37 0.56	141.20 -9.66 0.01	180.88 -10.71 -0.25	168.41 -10.43 25.88	139.34 -10.52 38.05	121.13 -9.76 46.63	134.10 -6.91 -2.65	141.38 -7.43 -0.22	132.98 -7.13 -0.12
MCINTYRE_115KV_TB2 80467	114.01 0.45 0.00	114.13 0.11 0.00	114.13 0.11 0.00	114.15 -0.34 0.00	114.14 -0.46 0.00	138.59 -0.56 0.00	142.29 -0.43 0.00	145.40 2.01 0.00	155.90 -0.63 0.00	131.01 -1.19 0.00	120.61 -1.46 0.00	125.07 -1.78 0.00	113.92 -0.46 0.00	111.85 -0.11 0.00	111.62 -0.22 0.00	114.34 -1.86 0.00	148.30 -2.56 0.00	192.86 1.53 0.00	207.59 2.87 0.00	189.60 1.69 0.00	179.48 1.95 0.00	136.98 -1.38 0.00	146.95 -1.63 0.00	139.30 -0.70 0.00
MECO____69_KV_BK1 80468	153.59 10.56 -29.47	151.24 10.38 -26.84	146.71 10.49 -22.20	147.33 10.65 -22.19	153.86 11.00 -28.26	159.32 13.91 -6.26	206.42 14.99 -48.72	272.71 14.63 -114.69	262.26 16.28 -89.45	201.26 12.82 -56.24	159.14 11.23 -25.84	154.39 10.91 -16.64	154.48 9.84 -30.27	149.86 9.52 -28.38	153.12 9.40 -31.88	158.29 10.34 -31.75	166.38 14.94 -0.58	222.39 20.28 -10.77	226.63 21.91 0.00	208.01 20.11 0.00	195.99 18.46 0.00	201.33 14.53 -48.43	172.58 15.30 -8.69	172.93 13.58 -19.36
MENANDS__115KV_TB5 355628	144.92 4.77 -26.59	142.91 4.67 -24.21	138.95 4.90 -20.02	139.43 4.92 -20.02	145.02 4.93 -25.49	149.14 5.98 -4.01	181.10 5.85 -32.53	230.02 5.59 -81.04	220.69 6.42 -57.75	179.57 5.68 -41.69	150.77 5.37 -23.32	147.44 5.58 -15.02	146.62 4.92 -27.32	142.39 4.81 -25.62	145.43 4.81 -28.78	149.50 4.65 -28.66	157.31 6.03 -0.41	204.60 6.31 -6.96	211.07 6.35 0.00	193.92 6.01 0.00	183.21 5.68 0.00	178.35 5.26 -34.73	159.99 5.79 -5.61	160.95 5.88 -15.07
MG INDUSTRY___DRP 24185	144.12 4.54 -26.02	142.27 4.56 -23.69	138.29 4.67 -19.60	138.77 4.69 -19.59	144.13 4.58 -24.95	147.13 5.57 -2.42	169.48 5.42 -21.34	200.43 5.02 -52.03	190.83 5.63 -28.66	165.35 4.76 -28.39	149.25 4.39 -22.78	146.08 4.57 -14.67	144.95 3.89 -26.68	140.90 3.92 -25.03	143.76 3.80 -28.11	148.02 3.83 -27.99	156.25 5.13 -0.26	200.34 5.55 -3.45	210.66 5.94 0.00	193.73 5.83 0.00	182.85 5.33 0.00	164.78 4.70 -21.71	156.72 5.35 -2.78	157.28 5.46 -11.82

MID___OSWEGATCHIE_HYD 23849	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.73 -0.42 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.99 -0.11 -0.73	112.42 -0.22 -0.68	111.94 -0.67 -0.77	115.45 -1.51 -0.76	148.76 -2.11 0.00	191.72 0.38 0.00	205.95 1.23 0.00	188.28 0.38 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.04 0.00	140.10 -0.14 -0.24
MID___RAQUETTE_HYD 23851	112.47 -1.48 -0.39	112.55 -1.82 -0.35	112.48 -1.82 -0.29	112.49 -2.29 -0.29	112.56 -2.41 -0.37	136.09 -3.06 0.00	139.81 -3.00 -0.09	143.03 -0.72 -0.35	153.24 -3.29 0.00	128.99 -3.30 -0.10	119.24 -3.17 -0.34	123.51 -3.55 -0.22	112.83 -1.94 -0.40	110.54 -1.79 -0.37	109.92 -2.35 -0.42	112.20 -4.42 -0.42	144.38 -6.49 0.00	187.70 -3.64 0.00	202.06 -2.66 0.00	184.71 -3.19 0.00	174.86 -2.66 0.00	133.80 -4.57 0.00	143.68 -4.90 0.00	136.77 -3.36 -0.13
MILLIKEN___1 23584	119.42 1.14 -4.72	119.46 1.14 -4.30	118.83 1.25 -3.56	119.30 1.26 -3.56	120.50 1.38 -4.53	141.44 2.09 -0.21	149.51 3.00 -3.79	159.46 2.87 -13.20	181.87 3.44 -21.90	148.32 2.25 -13.87	133.80 1.83 -9.89	135.01 1.78 -6.39	132.21 1.03 -16.81	123.72 0.90 -10.86	125.91 0.78 -13.28	129.97 1.63 -12.14	153.97 3.02 -0.09	196.08 4.40 -0.35	243.17 4.71 -33.74	238.94 3.76 -47.27	238.58 3.20 -57.86	143.95 2.63 -2.95	151.52 2.67 -0.26	146.27 2.24 -4.04
MILLIKEN___2 23585	119.42 1.14 -4.72	119.46 1.14 -4.30	118.83 1.25 -3.56	119.30 1.26 -3.56	120.50 1.38 -4.53	141.44 2.09 -0.21	149.51 3.00 -3.79	159.46 2.87 -13.20	181.87 3.44 -21.90	148.32 2.25 -13.87	133.80 1.83 -9.89	135.01 1.78 -6.39	132.21 1.03 -16.81	123.72 0.90 -10.86	125.91 0.78 -13.28	129.97 1.63 -12.14	153.97 3.02 -0.09	196.08 4.40 -0.35	243.17 4.71 -33.74	238.94 3.76 -47.27	238.58 3.20 -57.86	143.95 2.63 -2.95	151.52 2.67 -0.26	146.27 2.24 -4.04
MILLIKEN___DIESEL 23629	119.42 1.14 -4.72	119.46 1.14 -4.30	118.83 1.25 -3.56	119.30 1.26 -3.56	120.50 1.38 -4.53	141.44 2.09 -0.21	149.51 3.00 -3.79	159.46 2.87 -13.20	181.87 3.44 -21.90	148.32 2.25 -13.87	133.80 1.83 -9.89	135.01 1.78 -6.39	132.21 1.03 -16.81	123.72 0.90 -10.86	125.91 0.78 -13.28	129.97 1.63 -12.14	153.97 3.02 -0.09	196.08 4.40 -0.35	243.17 4.71 -33.74	238.94 3.76 -47.27	238.58 3.20 -57.86	143.95 2.63 -2.95	151.52 2.67 -0.26	146.27 2.24 -4.04
MILLSEAT___LFGE 323607	109.09 -8.06 -3.59	109.19 -8.09 -3.27	108.63 -8.09 -2.70	109.52 -7.67 -2.70	110.36 -7.68 -3.44	129.15 -10.02 -0.03	131.01 -12.13 -0.42	131.16 -13.91 -1.68	136.61 -14.72 5.20	119.56 -12.82 -0.19	111.17 -12.45 -1.54	115.27 -12.56 -0.99	103.11 -11.67 -0.40	101.79 -11.87 -1.70	101.94 -11.52 -1.61	106.72 -11.38 -1.90	137.30 -13.58 -0.01	174.11 -17.22 0.01	178.20 -18.02 8.51	155.96 -19.17 12.77	143.43 -18.47 15.63	126.18 -14.11 -1.92	135.36 -13.22 0.00	129.55 -11.06 -0.62
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	142.23 7.15 -21.52	140.68 7.07 -19.59	137.07 6.84 -16.21	137.56 6.87 -16.20	142.34 7.11 -20.63	148.37 8.49 -0.73	160.47 8.99 -8.76	180.73 9.46 -27.88	175.72 10.96 -8.23	158.63 9.78 -16.65	150.21 9.28 -18.86	148.75 9.77 -12.15	145.27 8.81 -22.09	141.29 8.62 -20.72	143.62 8.50 -23.27	148.32 8.95 -23.17	162.16 11.16 -0.13	204.95 12.63 -0.99	217.62 12.90 0.00	200.12 12.21 0.00	188.71 11.18 0.00	159.37 9.82 -11.18	159.64 10.25 -0.80	157.13 8.96 -8.17
MILLWOOD_13_KV_LOAD 356217	142.46 7.38 -21.52	140.91 7.30 -19.59	137.29 7.07 -16.21	137.79 7.10 -16.20	142.45 7.22 -20.63	148.64 8.77 -0.73	160.75 9.28 -8.76	181.01 9.75 -27.88	176.19 11.43 -8.23	159.03 10.18 -16.65	150.45 9.52 -18.86	149.13 10.15 -12.15	145.50 9.04 -22.09	141.52 8.84 -20.72	143.95 8.84 -23.27	148.67 9.30 -23.17	162.62 11.62 -0.13	205.53 13.20 -0.99	218.23 13.51 0.00	200.50 12.59 0.00	189.24 11.72 0.00	159.79 10.24 -11.18	159.94 10.55 -0.80	157.41 9.24 -8.17
MODEL_CITY_ENERGY 24167	105.26 -12.04 -3.74	105.45 -11.97 -3.40	104.97 -11.86 -2.81	105.74 -11.56 -2.81	106.61 -11.57 -3.58	124.29 -14.89 -0.03	125.30 -17.84 -0.42	124.85 -20.21 -1.67	129.76 -21.13 5.63	114.43 -17.85 -0.08	106.64 -16.96 -1.53	110.70 -17.13 -0.98	99.21 -15.44 -0.27	97.75 -15.90 -1.69	97.88 -15.54 -1.58	102.40 -15.69 -1.89	131.12 -19.76 -0.01	165.69 -25.63 0.01	168.28 -27.23 9.22	146.62 -27.44 13.85	135.05 -25.56 16.92	120.59 -19.79 -2.01	129.86 -18.73 0.00	124.65 -15.96 -0.62
MODERN_LFGE___ 323580	105.26 -12.04 -3.74	105.45 -11.97 -3.40	104.97 -11.86 -2.81	105.74 -11.56 -2.81	106.61 -11.57 -3.58	124.29 -14.89 -0.03	125.30 -17.84 -0.42	124.85 -20.21 -1.67	129.76 -21.13 5.63	114.43 -17.85 -0.08	106.64 -16.96 -1.53	110.70 -17.13 -0.98	99.21 -15.44 -0.27	97.75 -15.90 -1.69	97.88 -15.54 -1.58	102.40 -15.69 -1.89	131.12 -19.76 -0.01	165.69 -25.63 0.01	168.28 -27.23 9.22	146.62 -27.44 13.85	135.05 -25.56 16.92	120.59 -19.79 -2.01	129.86 -18.73 0.00	124.65 -15.96 -0.62
MOHAWK_PAPER___DRP 24187	145.54 5.34 -26.64	143.53 5.24 -24.26	139.44 5.36 -20.07	139.93 5.38 -20.06	145.53 5.39 -25.55	150.01 6.68 -4.19	183.06 6.56 -33.78	234.33 6.60 -84.35	225.12 7.51 -61.08	182.01 6.61 -43.20	151.55 6.10 -23.37	148.24 6.34 -15.05	147.36 5.60 -27.38	143.12 5.49 -25.67	146.16 5.48 -28.84	150.37 5.46 -28.71	158.69 7.39 -0.43	206.73 8.04 -7.36	212.91 8.19 0.00	195.61 7.70 0.00	184.63 7.10 0.00	181.08 6.50 -36.21	161.50 6.98 -5.93	162.15 6.72 -15.44
MOHICAN___35_KV_115KV_LD 80490	150.98 10.11 -27.31	148.70 9.81 -24.87	144.51 9.92 -20.57	145.13 10.08 -20.56	151.10 10.31 -26.19	158.34 12.94 -6.25	204.61 13.56 -48.34	270.42 13.34 -113.70	262.27 15.34 -90.40	201.51 12.69 -56.62	157.62 11.60 -23.94	153.81 11.54 -15.42	152.49 10.07 -28.05	147.89 9.63 -26.30	150.79 9.40 -29.55	155.96 10.34 -29.42	165.94 14.48 -0.59	220.59 18.37 -10.89	223.96 19.24 0.00	205.76 17.85 0.00	193.86 16.33 0.00	200.85 13.14 -49.34	171.48 14.12 -8.78	171.46 12.74 -18.72
MONGAUP___HYD 23641	140.28 6.93 -19.79	138.77 6.73 -18.02	135.65 6.73 -14.90	136.14 6.75 -14.90	140.33 6.76 -18.97	147.32 7.51 -0.67	157.46 6.71 -8.04	175.98 7.02 -25.57	171.85 8.20 -7.50	155.69 7.45 -15.29	146.86 7.61 -17.34	145.62 7.61 -11.17	141.44 6.75 -20.32	137.61 6.60 -19.05	139.96 6.71 -21.40	145.06 7.55 -21.31	160.65 9.66 -0.12	201.42 9.18 -0.90	214.14 9.42 0.00	196.74 8.83 0.00	187.64 10.11 0.00	158.59 9.97 -10.26	159.42 10.11 -0.73	156.33 8.83 -7.51
MONTAUK___DIESEL 23721	152.39 15.56 -23.27	152.54 15.62 -22.90	150.09 15.39 -20.67	150.01 15.46 -20.06	152.79 15.81 -22.37	159.69 19.48 -1.06	184.18 20.41 -21.05	205.54 20.93 -41.21	188.83 23.48 -8.82	168.24 19.30 -16.74	158.62 17.58 -18.96	156.81 17.76 -12.21	152.61 16.01 -22.22	151.20 15.67 -23.57	153.80 15.88 -26.07	158.46 17.08 -25.18	176.40 22.03 -3.50	230.78 28.51 -10.93	238.39 25.79 -7.87	229.10 27.43 -13.76	215.73 25.39 -12.82	197.48 20.48 -38.64	182.57 21.55 -12.43	172.14 19.88 -12.26
MOONROAD_115KV_HARTFLD_TB1-2 355988	108.71 -9.08 -4.23	108.87 -9.01 -3.86	108.20 -9.01 -3.19	109.09 -8.59 -3.19	110.07 -8.60 -4.06	129.86 -9.46 -0.17	133.24 -10.85 -1.37	133.08 -11.90 -1.59	139.43 -9.70 7.39	123.46 -8.33 0.41	116.29 -7.20 -1.41	120.51 -7.23 -0.90	106.59 -7.43 0.35	105.56 -7.95 -1.56	105.90 -7.27 -1.33	111.09 -6.86 -1.74	141.52 -9.35 -0.01	179.27 -12.05 0.01	179.50 -13.31 11.91	157.31 -12.59 18.01	142.40 -12.96 22.16	131.53 -9.13 -2.30	139.23 -9.36 0.00	130.92 -9.66 -0.58

MORRIS_RIDGE___SOLAR 323848	110.44 -7.83 -4.71	110.44 -7.87 -4.29	109.81 -7.76 -3.55	110.48 -7.56 -3.55	111.67 -7.45 -4.52	130.02 -9.32 -0.19	134.39 -9.71 -1.38	135.24 -11.48 -3.33	137.12 -11.27 8.13	120.27 -10.45 1.48	113.28 -9.77 -0.97	117.56 -9.89 -0.62	103.23 -9.49 1.66	103.18 -9.85 -1.07	103.19 -9.28 -0.62	108.34 -9.06 -1.20	140.16 -10.71 0.00	178.76 -12.82 -0.25	174.49 -13.30 16.92	149.33 -13.34 25.24	133.61 -12.95 30.96	131.52 -9.41 -2.56	139.44 -9.36 -0.21	131.68 -8.96 -0.64
MORTIMER_115KV_TB3 55949	111.58 -5.11 -3.13	111.74 -5.13 -2.85	111.36 -5.02 -2.36	112.04 -4.81 -2.36	112.79 -4.81 -3.00	132.63 -6.54 -0.03	135.72 -7.42 -0.43	136.21 -8.89 -1.71	142.09 -10.64 3.79	123.35 -9.39 -0.54	115.00 -8.67 -1.59	118.98 -8.88 -1.02	106.52 -8.69 -0.83	105.19 -8.51 -1.74	105.09 -8.50 -1.75	109.90 -8.25 -1.95	140.47 -10.41 -0.01	179.08 -12.25 0.00	183.96 -14.54 6.22	164.87 -13.72 9.32	152.63 -13.49 11.40	129.93 -10.10 -1.66	139.23 -9.36 0.00	133.21 -7.42 -0.63
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	143.38 8.18 -21.65	141.71 7.98 -19.71	138.08 7.75 -16.30	138.57 7.79 -16.30	143.26 7.91 -20.75	149.48 9.60 -0.74	161.52 9.99 -8.81	181.90 10.47 -28.04	177.17 12.37 -8.28	160.05 11.10 -16.75	151.54 10.50 -18.97	150.22 11.16 -12.22	146.67 10.07 -22.22	142.65 9.85 -20.84	144.99 9.73 -23.41	149.74 10.23 -23.31	163.52 12.52 -0.13	206.49 14.16 -1.00	219.05 14.33 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.44 10.22 -8.22
MUNSVILLE_WIND_PWR 323609	127.69 7.16 -6.97	127.77 7.41 -6.35	126.46 7.19 -5.25	126.84 7.10 -5.25	128.73 7.44 -6.68	149.89 10.30 -0.45	160.38 12.56 -5.11	171.56 12.76 -15.42	199.45 21.61 -21.32	163.67 16.12 -15.34	146.31 13.79 -10.44	146.77 13.19 -6.74	141.27 10.98 -15.91	133.39 9.96 -11.47	135.89 10.40 -13.64	141.80 12.78 -12.82	170.15 19.16 -0.12	219.27 26.98 -0.95	257.93 29.67 -23.54	247.32 26.11 -33.30	241.90 23.61 -40.76	163.53 18.55 -6.62	169.11 19.76 -0.75	162.73 17.92 -4.81
N SALMON___HYD 24042	113.22 -0.34 0.00	113.34 -0.68 0.00	113.56 -0.45 0.00	113.92 -0.57 0.00	113.92 -0.68 0.00	138.59 -0.55 0.00	141.72 -0.99 0.00	143.53 0.14 0.00	155.59 -0.93 0.00	130.88 -1.32 0.00	120.49 -1.59 0.00	124.81 -2.03 0.00	113.23 -1.14 0.00	110.84 -1.12 0.00	110.73 -1.12 0.00	114.22 -1.98 0.00	148.30 -2.57 0.00	192.10 0.77 0.00	206.77 2.05 0.00	189.04 1.13 0.00	178.78 1.25 0.00	137.25 -1.11 0.00	146.96 -1.63 0.00	138.73 -1.26 0.00
N.AKRON__115KV_KNAPP 355671	108.77 -8.40 -3.61	108.87 -8.44 -3.29	108.41 -8.32 -2.72	109.19 -8.01 -2.72	110.15 -7.91 -3.46	128.60 -10.57 -0.03	130.72 -12.42 -0.42	130.58 -14.48 -1.68	136.37 -14.87 5.28	119.40 -12.96 -0.16	111.27 -12.33 -1.53	115.13 -12.68 -0.98	102.84 -11.90 -0.36	101.43 -12.20 -1.68	102.14 -11.30 -1.59	106.46 -11.62 -1.88	135.79 -15.09 -0.01	173.15 -18.18 0.01	174.82 -21.29 8.61	155.57 -19.35 12.98	142.47 -19.17 15.88	125.64 -14.67 -1.94	134.92 -13.67 0.00	129.13 -11.48 -0.61
N.BELMOR_69_KV_BK1 55787	146.83 9.99 -23.27	146.72 9.81 -22.90	144.27 9.58 -20.67	144.17 9.62 -20.06	146.83 9.86 -22.37	152.13 11.97 -1.02	176.29 12.56 -21.01	197.61 13.05 -41.17	180.33 15.03 -8.78	162.03 13.09 -16.74	153.37 12.33 -18.96	151.87 12.81 -12.21	148.26 11.67 -22.22	147.06 11.53 -23.57	149.33 11.41 -26.07	153.47 12.08 -25.18	169.76 15.39 -3.50	220.06 17.79 -10.93	230.81 18.22 -7.87	218.76 17.10 -13.76	206.14 15.80 -12.82	190.70 13.70 -38.64	175.28 14.26 -12.43	165.00 12.74 -12.26
N.E_GEN_SANDY PD 24062	144.46 6.47 -24.43	142.53 6.27 -22.25	138.69 6.27 -18.40	139.29 6.41 -18.39	144.67 6.64 -23.42	148.86 7.93 -1.79	167.19 7.84 -16.63	197.37 7.88 -46.10	189.63 8.92 -24.19	165.50 7.80 -25.50	150.71 7.20 -21.43	148.13 7.48 -13.80	146.23 6.75 -25.10	142.10 6.60 -23.54	145.00 6.71 -26.44	149.34 7.21 -25.93	160.85 9.36 -0.63	204.00 9.75 -2.91	214.35 9.62 0.00	197.30 9.39 0.00	186.58 9.05 0.00	166.03 8.44 -19.23	160.00 9.06 -2.35	158.66 7.84 -10.83
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	141.25 6.81 -20.88	139.65 6.61 -19.01	136.24 6.50 -15.73	136.73 6.53 -15.72	141.27 6.65 -20.02	147.92 8.07 -0.71	159.77 8.56 -8.49	179.43 9.03 -27.01	174.96 10.49 -7.95	157.73 9.39 -16.14	149.16 8.79 -18.30	147.89 9.26 -11.79	144.16 8.35 -21.44	140.23 8.17 -20.10	142.48 8.05 -22.58	147.28 8.60 -22.49	161.56 10.56 -0.13	204.35 12.05 -0.96	217.00 12.28 0.00	199.56 11.65 0.00	188.18 10.65 0.00	158.61 9.41 -10.84	159.02 9.66 -0.77	156.46 8.54 -7.92
N.QUEENS_27_KV_LOAD 356247	144.87 9.65 -21.65	143.32 9.58 -19.72	139.79 9.46 -16.31	140.30 9.50 -16.30	144.99 9.63 -20.76	151.16 11.27 -0.75	162.66 11.13 -8.81	182.18 10.75 -28.04	177.33 12.52 -8.28	160.45 11.50 -16.76	152.77 11.72 -18.98	151.37 12.30 -12.23	147.36 10.75 -22.23	143.44 10.64 -20.85	145.89 10.63 -23.42	150.79 11.27 -23.32	164.58 13.58 -0.13	207.64 15.31 -1.00	220.28 15.56 0.00	202.94 15.03 0.00	191.02 13.49 0.00	161.51 11.90 -11.25	161.58 12.18 -0.81	160.12 11.90 -8.23
N.TROY___115KV_TB1 355778	146.72 6.36 -26.80	144.70 6.27 -24.41	140.48 6.27 -20.19	141.08 6.41 -20.18	146.83 6.53 -25.70	152.38 8.07 -5.17	191.36 7.99 -40.65	250.16 8.03 -98.75	241.08 8.92 -75.63	189.67 7.67 -49.80	152.66 7.08 -23.50	149.21 7.23 -15.14	148.31 6.41 -27.53	143.93 6.16 -25.82	147.11 6.26 -29.00	151.82 6.74 -28.88	160.58 9.20 -0.51	210.78 10.33 -9.11	215.37 10.65 0.00	197.87 9.96 0.00	186.76 9.23 0.00	189.38 8.30 -42.71	164.85 8.92 -7.34	164.98 7.98 -17.01
NARROWS_GT1_1 24228	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_2 24229	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_3 24230	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_4 24231	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23

NARROWS_GT1_5 24232	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_6 24233	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_7 24234	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT1_8 24235	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_1 24236	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_2 24237	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_3 24238	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_4 24239	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_5 24240	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_6 24241	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_7 24242	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NARROWS_GT2_8 24243	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	144.57 5.79 -25.22	142.69 5.70 -22.97	139.06 6.04 -19.00	139.55 6.07 -18.99	144.74 5.96 -24.18	149.14 7.65 -2.35	171.09 7.71 -20.66	200.60 7.17 -50.04	191.57 7.67 -27.37	165.75 6.21 -27.34	149.28 5.13 -22.08	146.26 5.20 -14.22	144.59 4.35 -25.86	140.47 4.25 -24.26	143.45 4.36 -27.24	147.86 4.53 -27.13	157.60 6.49 -0.25	203.05 8.42 -3.30	216.59 11.87 0.00	198.62 10.71 0.00	187.11 9.59 0.00	165.46 6.23 -20.87	157.93 6.69 -2.66	158.55 7.14 -11.42
NCHELSEA_115KV_TR2 355582	142.95 7.72 -21.67	141.39 7.64 -19.74	137.87 7.53 -16.32	138.36 7.56 -16.32	143.06 7.68 -20.78	149.36 9.46 -0.76	161.66 9.99 -8.96	182.14 10.47 -28.29	176.99 12.05 -8.41	159.46 10.44 -16.81	150.83 9.77 -18.99	149.35 10.27 -12.23	145.66 9.04 -22.25	141.67 8.84 -20.87	144.12 8.84 -23.44	148.95 9.41 -23.34	163.07 12.07 -0.13	206.51 14.16 -1.01	219.46 14.74 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.46 10.79 -11.30	160.55 11.14 -0.82	158.04 9.80 -8.24
NEG CAPITAL___MECHNVIL 23645	148.88 8.18 -27.14	146.83 8.10 -24.71	142.55 8.10 -20.44	143.17 8.25 -20.43	149.10 8.48 -26.02	155.36 10.30 -5.92	199.40 10.71 -45.98	263.11 10.61 -109.11	254.47 12.05 -85.89	196.91 10.18 -54.53	155.14 9.27 -23.80	151.69 9.52 -15.33	150.49 8.24 -27.88	146.05 7.95 -26.14	149.15 7.94 -29.36	154.16 8.72 -29.24	163.34 11.92 -0.56	216.21 14.53 -10.35	219.66 14.94 0.00	202.01 14.10 0.00	190.66 13.14 0.00	196.48 10.80 -47.31	168.52 11.60 -8.34	168.55 10.36 -18.19

NEG CENTRAL_HIGH_ACRES 23767	110.69 -5.91 -3.04	110.85 -5.93 -2.77	110.50 -5.81 -2.29	111.06 -5.72 -2.29	112.02 -5.50 -2.92	132.35 -6.81 -0.03	135.35 -7.85 -0.49	136.88 -8.46 -1.95	143.09 -10.65 2.79	123.80 -9.38 -0.99	115.10 -8.79 -1.82	119.01 -9.00 -1.17	107.17 -8.58 -1.37	105.67 -8.28 -2.00	105.54 -8.39 -2.09	110.19 -8.25 -2.23	141.52 -9.35 -0.01	179.47 -11.86 0.00	187.91 -12.28 4.54	167.89 -13.16 6.85	156.01 -13.13 8.38	130.03 -9.96 -1.62	138.93 -9.66 0.00	132.74 -7.97 -0.72
NEG CENTRAL___DRP 24199	114.33 -2.50 -3.27	114.49 -2.51 -2.98	114.09 -2.39 -2.46	114.66 -2.29 -2.46	115.56 -2.18 -3.14	136.81 -2.37 -0.03	141.28 -1.86 -0.42	142.76 -2.29 -1.67	149.77 -2.50 4.25	129.87 -2.78 -0.45	120.97 -2.69 -1.58	124.94 -2.92 -1.01	111.99 -3.09 -0.70	110.45 -3.25 -1.74	110.20 -3.36 -1.71	115.36 -2.79 -1.95	148.01 -2.87 -0.01	188.27 -3.06 0.01	194.34 -3.28 7.10	173.70 -3.76 10.45	160.83 -3.91 12.79	137.23 -2.91 -1.77	145.61 -2.97 0.00	137.83 -2.80 -0.63
NEG CENTRAL___INDECK 23768	115.79 -1.93 -4.16	115.87 -1.94 -3.79	115.33 -1.83 -3.14	116.02 -1.60 -3.13	117.22 -1.37 -3.99	137.65 -1.53 -0.03	141.39 -1.57 -0.24	141.98 -2.30 -0.89	143.87 -3.29 9.36	126.66 -4.10 1.44	118.23 -4.64 -0.80	122.52 -4.82 -0.50	107.74 -5.03 1.61	107.57 -5.26 -0.88	107.39 -4.92 -0.46	113.00 -4.18 -0.98	147.85 -3.02 0.00	188.83 -2.49 0.01	187.38 -1.85 15.50	161.17 -3.76 22.98	144.94 -4.43 28.15	137.30 -3.32 -2.25	145.62 -2.97 0.00	137.96 -2.38 -0.35
NEG CENTRAL___SENECA 23627	114.07 -3.07 -3.58	114.20 -3.08 -3.26	113.75 -2.96 -2.69	114.32 -2.86 -2.69	115.40 -2.64 -3.43	136.25 -2.92 -0.03	140.49 -2.43 -0.20	141.12 -3.01 -0.74	145.11 -3.44 7.97	127.44 -3.57 1.19	119.27 -3.54 -0.73	123.50 -3.81 -0.46	109.18 -3.89 1.30	108.62 -4.14 -0.81	108.05 -4.25 -0.46	113.62 -3.49 -0.90	147.10 -3.77 0.00	187.31 -4.02 0.01	187.02 -4.30 13.40	163.63 -4.70 19.58	148.76 -4.79 23.97	136.70 -3.60 -1.93	144.87 -3.71 0.00	136.67 -3.64 -0.32
NEG CENTRAL___STATE_STREET 24147	115.74 -1.02 -3.20	115.91 -1.03 -2.91	115.40 -1.03 -2.41	115.98 -0.92 -2.41	116.87 -0.80 -3.07	138.48 -0.70 -0.03	143.62 0.00 -0.91	146.95 -0.14 -3.70	158.55 -0.16 -2.18	135.49 -0.40 -3.69	124.91 -0.61 -3.45	128.30 -0.76 -2.22	117.86 -1.14 -4.63	114.40 -1.34 -3.79	114.77 -1.45 -4.37	119.39 -1.05 -4.23	150.29 -0.60 -0.03	190.95 -0.38 0.00	208.25 -0.41 -3.94	192.32 -0.94 -5.35	182.83 -1.24 -6.55	139.18 -0.97 -1.78	147.55 -1.04 0.00	140.20 -1.12 -1.33
NEG MILLWOOD___DRP 24198	143.72 8.29 -21.87	142.26 8.32 -19.92	138.59 8.10 -16.47	139.08 8.13 -16.47	143.94 8.37 -20.97	150.06 10.16 -0.76	162.83 11.13 -8.98	183.47 11.61 -28.47	178.42 13.46 -8.43	160.78 11.63 -16.94	152.11 10.86 -19.17	150.60 11.42 -12.35	147.01 10.18 -22.45	142.87 9.85 -21.06	145.23 9.73 -23.65	150.09 10.34 -23.55	164.28 13.28 -0.14	207.85 15.50 -1.02	220.89 16.17 0.00	202.94 15.03 0.00	191.20 13.67 0.00	161.65 11.90 -11.39	161.74 12.33 -0.82	158.95 10.64 -8.31
NEG NORTH_FLCN_SEA 23793	113.11 -0.45 0.00	113.45 -0.57 0.00	113.56 -0.46 0.00	114.03 -0.46 0.00	114.03 -0.57 0.00	138.59 -0.56 0.00	140.43 -2.28 0.00	141.81 -1.58 0.00	154.02 -2.50 0.00	129.69 -2.51 0.00	119.51 -2.56 0.00	123.92 -2.92 0.00	112.32 -2.06 0.00	110.05 -1.90 0.00	110.06 -1.79 0.00	113.76 -2.44 0.00	147.85 -3.02 0.00	190.19 -1.15 0.00	204.72 0.00 0.00	187.15 -0.75 0.00	177.17 -0.36 0.00	136.57 -1.80 0.00	146.06 -2.53 0.00	137.90 -2.10 0.00
NEG NORTH_KES_CHATEGAY 23792	111.63 -1.93 0.00	111.97 -2.05 0.00	112.08 -1.94 0.00	112.43 -2.06 0.00	112.54 -2.06 0.00	136.78 -2.37 0.00	139.43 -3.28 0.00	140.81 -2.58 0.00	152.77 -3.76 0.00	128.63 -3.57 0.00	118.66 -3.42 0.00	123.04 -3.81 0.00	111.63 -2.75 0.00	109.27 -2.69 0.00	109.27 -2.57 0.00	112.95 -3.25 0.00	146.79 -4.07 0.00	188.85 -2.49 0.00	203.29 -1.43 0.00	185.84 -2.07 0.00	176.11 -1.42 0.00	135.60 -2.77 0.00	145.17 -3.42 0.00	137.06 -2.94 0.00
NEG NORTH___ALICE_FALLS 23915	113.45 -0.11 0.00	113.68 -0.34 0.00	113.91 -0.11 0.00	114.37 -0.11 0.00	114.37 -0.23 0.00	139.14 0.00 0.00	141.43 -1.28 0.00	142.96 -0.43 0.00	155.12 -1.41 0.00	130.48 -1.72 0.00	120.24 -1.83 0.00	124.56 -2.28 0.00	113.00 -1.37 0.00	110.61 -1.34 0.00	110.62 -1.23 0.00	114.46 -1.74 0.00	148.91 -1.96 0.00	191.72 0.38 0.00	206.36 1.64 0.00	188.47 0.56 0.00	178.41 0.89 0.00	137.40 -0.97 0.00	147.10 -1.49 0.00	138.74 -1.26 0.00
NEG NORTH___LWR_SARANAC 23913	113.45 -0.11 0.00	113.68 -0.34 0.00	113.91 -0.11 0.00	114.37 -0.11 0.00	114.37 -0.23 0.00	139.14 0.00 0.00	141.43 -1.28 0.00	142.96 -0.43 0.00	155.12 -1.41 0.00	130.48 -1.72 0.00	120.24 -1.83 0.00	124.56 -2.28 0.00	113.00 -1.37 0.00	110.61 -1.34 0.00	110.62 -1.23 0.00	114.46 -1.74 0.00	148.91 -1.96 0.00	191.72 0.38 0.00	206.36 1.64 0.00	188.47 0.56 0.00	178.41 0.89 0.00	137.40 -0.97 0.00	147.10 -1.49 0.00	138.74 -1.26 0.00
NEG NORTH___PLATTSBURG 23628	113.45 -0.11 0.00	113.68 -0.34 0.00	113.91 -0.11 0.00	114.37 -0.11 0.00	114.37 -0.23 0.00	139.14 0.00 0.00	141.43 -1.29 0.00	142.96 -0.43 0.00	155.12 -1.41 0.00	130.62 -1.58 0.00	120.25 -1.83 0.00	124.56 -2.28 0.00	112.89 -1.49 0.00	110.50 -1.46 0.00	110.51 -1.34 0.00	114.46 -1.74 0.00	148.61 -2.26 0.00	191.91 0.58 0.00	206.56 1.84 0.00	188.85 0.94 0.00	178.78 1.25 0.00	137.40 -0.96 0.00	147.10 -1.49 0.00	138.73 -1.26 0.00
NEG WEST_LEA_LOCKPORT 23791	106.14 -11.13 -3.71	106.22 -11.17 -3.38	105.75 -11.06 -2.79	106.52 -10.76 -2.79	107.50 -10.66 -3.55	124.98 -14.19 -0.03	126.44 -16.70 -0.42	125.84 -19.21 -1.66	131.19 -19.72 5.62	115.35 -16.92 -0.07	107.96 -15.63 -1.51	111.95 -15.86 -0.97	99.76 -14.87 -0.25	98.50 -15.11 -1.66	99.19 -14.20 -1.55	103.42 -14.64 -1.86	131.26 -19.61 -0.01	166.84 -24.49 0.01	167.32 -28.25 9.15	148.74 -25.37 13.79	135.97 -24.68 16.88	121.68 -18.68 -1.99	130.90 -17.68 0.00	125.49 -15.12 -0.61
NEG WEST___LANCASTER 23811	105.19 -12.61 -4.23	105.33 -12.54 -3.85	104.66 -12.54 -3.19	105.42 -12.25 -3.19	106.40 -12.26 -4.06	126.52 -12.66 -0.04	128.45 -14.70 -0.43	130.30 -14.77 -1.68	141.11 -8.30 7.12	124.78 -7.14 0.28	117.34 -6.23 -1.49	121.71 -6.09 -0.95	107.67 -6.52 0.19	106.10 -7.50 -1.64	107.02 -6.26 -1.44	112.34 -5.69 -1.84	143.03 -7.85 -0.01	179.27 -12.05 0.01	181.40 -11.87 11.45	159.45 -11.09 17.37	144.81 -11.36 21.36	132.91 -7.75 -2.29	139.67 -8.92 0.00	128.14 -12.46 -0.61
NEG_PENN_ALLEGHNY 23528	119.89 -0.91 -7.24	119.82 -0.79 -6.60	118.68 -0.79 -5.46	119.26 -0.68 -5.45	120.86 -0.68 -6.94	138.64 -0.83 -0.32	145.89 -0.14 -3.32	153.24 0.00 -9.85	156.16 0.16 0.53	136.00 -0.13 -3.93	127.03 -0.12 -5.08	129.98 -0.13 -3.27	118.78 -0.46 -4.86	117.20 -0.33 -5.58	117.33 -0.56 -6.04	122.33 -0.12 -6.24	151.06 0.15 -0.04	191.56 -0.19 -0.42	200.07 -0.20 4.44	177.47 -0.56 9.88	164.54 -0.88 12.10	142.37 -0.14 -4.14	148.78 -0.15 -0.34	141.65 -0.70 -2.35
NEG___GEN_MONROE 24207	111.15 -5.56 -3.16	111.42 -5.47 -2.87	111.04 -5.36 -2.38	111.71 -5.15 -2.38	112.59 -5.04 -3.03	132.49 -6.68 -0.03	135.15 -7.99 -0.43	135.35 -9.75 -1.71	141.55 -9.75 3.87	122.67 -10.05 -0.52	114.26 -9.40 -1.58	118.09 -9.77 -1.02	105.58 -9.61 -0.81	104.18 -9.52 -1.74	104.19 -9.40 -1.74	108.97 -9.18 -1.95	139.26 -11.62 -0.01	177.55 -13.78 0.01	182.41 -15.97 6.34	163.55 -14.84 9.51	150.98 -14.91 11.63	128.98 -11.07 -1.68	138.48 -10.10 0.00	132.65 -7.98 -0.63

NEPA__ENERGY 23901	108.17 -9.65 -4.27	108.33 -9.58 -3.89	107.65 -9.58 -3.21	108.43 -9.27 -3.21	109.41 -9.28 -4.09	128.60 -10.71 -0.17	131.71 -12.42 -1.41	131.33 -13.77 -1.71	137.32 -12.05 7.16	121.62 -10.31 0.27	114.31 -9.28 -1.51	118.42 -9.39 -0.97	104.94 -9.26 0.18	103.99 -9.63 -1.66	104.25 -9.06 -1.46	109.34 -8.71 -1.86	139.41 -11.47 -0.01	176.40 -14.92 0.01	176.67 -16.58 11.47	155.06 -15.41 17.43	140.80 -15.27 21.46	129.61 -11.07 -2.31	137.44 -11.14 0.00	129.55 -11.06 -0.61
NEVERSINK__HYD 23608	140.38 7.16 -19.66	139.00 7.07 -17.91	135.78 6.96 -14.81	136.39 7.10 -14.80	140.56 7.11 -18.85	148.67 8.77 -0.76	161.17 9.84 -8.61	180.00 10.18 -26.43	176.41 11.42 -8.46	157.62 9.78 -15.63	148.09 8.79 -17.22	147.19 9.25 -11.09	142.56 8.00 -20.18	138.71 7.83 -18.92	140.93 7.83 -21.25	146.08 8.72 -21.16	162.00 11.01 -0.13	205.55 13.19 -1.02	218.44 13.72 0.00	200.69 12.78 0.00	189.24 11.71 0.00	159.38 10.38 -10.64	159.96 10.55 -0.82	156.65 9.09 -7.56
NEWKRMKL_115KV_TB1 55635	144.46 4.32 -26.59	142.45 4.22 -24.21	138.60 4.56 -20.03	138.97 4.47 -20.02	144.45 4.35 -25.49	148.42 5.43 -3.84	179.36 5.28 -31.37	223.23 4.73 -75.11	213.86 5.63 -51.70	176.07 4.89 -38.98	150.01 4.64 -23.30	146.67 4.82 -15.01	145.90 4.23 -27.29	141.69 4.14 -25.59	144.62 4.03 -28.75	148.43 3.60 -28.63	155.77 4.53 -0.38	202.15 4.59 -6.23	209.43 4.71 0.00	192.42 4.51 0.00	181.61 4.08 0.00	174.29 3.87 -32.05	157.92 4.31 -5.02	159.33 4.90 -14.43
NEWTON__FALLS_HYD 23847	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.73 -0.42 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.99 -0.11 -0.73	112.42 -0.22 -0.68	111.94 -0.67 -0.77	115.45 -1.51 -0.76	148.76 -2.11 0.00	191.72 0.38 0.00	205.95 1.23 0.00	188.28 0.38 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.04 0.00	140.10 -0.14 -0.24
NGRID_A1_DSASP 323792	105.51 -11.81 -3.76	105.58 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	124.15 -15.03 -0.03	124.87 -18.27 -0.43	124.27 -20.79 -1.68	128.30 -22.54 5.69	113.23 -19.03 -0.06	105.91 -17.70 -1.54	109.95 -17.88 -0.98	98.16 -16.47 -0.25	97.30 -16.35 -1.69	97.32 -16.10 -1.57	101.71 -16.38 -1.89	130.21 -20.66 -0.01	164.35 -26.97 0.01	166.84 -28.66 9.22	145.12 -28.93 13.85	132.59 -27.87 17.07	119.77 -20.62 -2.02	129.27 -19.31 0.00	124.38 -16.24 -0.62
NGRID_A2_DSASP 323793	105.51 -11.81 -3.76	105.58 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	124.15 -15.03 -0.03	124.87 -18.27 -0.43	124.27 -20.79 -1.68	128.30 -22.54 5.69	113.23 -19.03 -0.06	105.91 -17.70 -1.54	109.95 -17.88 -0.98	98.16 -16.47 -0.25	97.30 -16.35 -1.69	97.32 -16.10 -1.57	101.71 -16.38 -1.89	130.21 -20.66 -0.01	164.35 -26.97 0.01	166.84 -28.66 9.22	145.12 -28.93 13.85	132.59 -27.87 17.07	119.77 -20.62 -2.02	129.27 -19.31 0.00	124.38 -16.24 -0.62
NGRID_A4_DSASP 323807	105.51 -11.81 -3.76	105.58 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	124.15 -15.03 -0.03	124.87 -18.27 -0.43	124.27 -20.79 -1.68	128.30 -22.54 5.69	113.23 -19.03 -0.06	105.91 -17.70 -1.54	109.95 -17.88 -0.98	98.16 -16.47 -0.25	97.30 -16.35 -1.69	97.32 -16.10 -1.57	101.71 -16.38 -1.89	130.21 -20.66 -0.01	164.35 -26.97 0.01	166.84 -28.66 9.22	145.12 -28.93 13.85	132.59 -27.87 17.07	119.77 -20.62 -2.02	129.27 -19.31 0.00	124.38 -16.24 -0.62
NIAGARA_115E_LBMP 323715	104.71 -12.61 -3.76	104.90 -12.54 -3.43	104.43 -12.42 -2.83	105.18 -12.14 -2.83	106.06 -12.15 -3.61	123.59 -15.58 -0.03	124.59 -18.55 -0.42	123.98 -21.07 -1.67	128.92 -21.91 5.69	113.76 -18.51 -0.07	105.91 -17.70 -1.53	109.94 -17.88 -0.98	98.62 -16.01 -0.26	97.19 -16.46 -1.69	97.32 -16.10 -1.57	101.71 -16.38 -1.89	130.21 -20.66 -0.01	164.54 -26.79 0.01	166.73 -28.66 9.33	145.33 -28.56 14.02	133.78 -26.63 17.11	119.77 -20.62 -2.03	129.13 -19.46 0.00	123.95 -16.66 -0.62
NIAGARA_115W_LBMP 323714	105.39 -11.92 -3.75	105.47 -11.97 -3.42	104.99 -11.86 -2.83	105.76 -11.56 -2.83	106.63 -11.57 -3.60	124.01 -15.16 -0.03	124.73 -18.41 -0.43	124.13 -20.94 -1.68	127.98 -22.86 5.69	113.10 -19.17 -0.07	105.79 -17.83 -1.54	109.82 -18.01 -0.99	98.05 -16.59 -0.26	97.08 -16.57 -1.69	97.09 -16.33 -1.58	101.47 -16.62 -1.89	129.91 -20.97 -0.01	164.16 -27.17 0.01	166.42 -29.07 9.23	144.92 -29.12 13.87	132.22 -28.23 17.07	119.63 -20.76 -2.02	129.13 -19.46 0.00	124.24 -16.38 -0.62
NIAGARA_230_LBMP 323716	106.03 -11.24 -3.71	106.23 -11.17 -3.38	105.76 -11.06 -2.80	106.52 -10.77 -2.79	107.38 -10.78 -3.56	125.26 -13.91 -0.03	126.30 -16.84 -0.43	125.86 -19.21 -1.69	129.72 -21.13 5.67	114.44 -17.85 -0.09	107.27 -16.36 -1.55	111.35 -16.49 -0.99	99.10 -15.55 -0.28	98.43 -15.23 -1.70	98.57 -14.88 -1.59	103.00 -15.10 -1.91	131.86 -19.01 -0.01	166.46 -24.87 0.01	169.00 -26.41 9.31	147.23 -26.68 14.00	134.87 -25.56 17.09	121.54 -18.82 -2.00	130.90 -17.68 0.00	125.64 -14.98 -0.62
NIAGARA__115KV_198_GIBSON 55903	105.39 -11.92 -3.75	105.47 -11.97 -3.42	104.99 -11.86 -2.83	105.75 -11.56 -2.83	106.63 -11.57 -3.60	123.73 -15.45 -0.03	124.87 -18.27 -0.43	123.99 -21.08 -1.68	128.58 -22.23 5.72	113.47 -18.77 -0.05	106.14 -17.46 -1.52	110.05 -17.76 -0.97	98.01 -16.58 -0.22	96.94 -16.68 -1.67	96.95 -16.44 -1.55	101.68 -16.38 -1.87	128.85 -22.03 -0.01	163.77 -27.55 0.01	163.35 -32.14 9.23	144.65 -29.31 13.94	132.14 -28.23 17.16	119.49 -20.89 -2.02	129.12 -19.46 0.00	124.23 -16.38 -0.61
NIAGARA____ 23760	106.08 -11.24 -3.76	106.27 -11.17 -3.42	105.79 -11.06 -2.83	106.55 -10.77 -2.83	107.43 -10.78 -3.61	125.26 -13.91 -0.03	126.30 -16.84 -0.43	125.86 -19.21 -1.68	129.71 -21.13 5.68	114.43 -17.85 -0.08	107.26 -16.36 -1.54	111.34 -16.49 -0.99	99.09 -15.55 -0.27	98.43 -15.23 -1.69	98.56 -14.88 -1.59	102.99 -15.10 -1.90	131.86 -19.01 -0.01	166.46 -24.87 0.01	169.01 -26.41 9.30	147.25 -26.68 13.98	134.87 -25.56 17.09	121.56 -18.82 -2.01	130.90 -17.68 0.00	125.64 -14.98 -0.62
NINE_MILE_1 23575	110.76 -4.55 -1.75	111.05 -4.56 -1.59	110.77 -4.56 -1.32	111.22 -4.58 -1.32	111.81 -4.47 -1.68	133.73 -5.43 -0.01	137.54 -5.57 -0.40	139.26 -5.74 -1.61	150.10 -6.42 0.00	126.95 -5.68 -0.43	118.36 -5.25 -1.53	122.37 -5.45 -0.98	111.13 -5.03 -1.79	108.71 -4.92 -1.68	108.70 -5.03 -1.88	113.08 -4.99 -1.87	144.83 -6.04 0.00	183.48 -7.85 0.00	196.32 -8.40 0.00	179.83 -8.07 0.00	169.54 -7.99 0.00	132.42 -5.95 0.00	142.35 -6.23 0.00	134.84 -5.75 -0.59
NINE_MILE_2 23744	110.76 -4.55 -1.74	111.04 -4.56 -1.59	110.77 -4.56 -1.31	111.22 -4.58 -1.31	111.80 -4.47 -1.67	133.73 -5.43 -0.01	137.54 -5.57 -0.40	139.25 -5.74 -1.60	150.10 -6.42 0.00	126.95 -5.68 -0.43	118.35 -5.25 -1.52	122.37 -5.45 -0.98	111.13 -5.03 -1.78	108.71 -4.92 -1.67	108.69 -5.03 -1.88	113.08 -4.99 -1.87	144.83 -6.04 0.00	183.48 -7.85 0.00	196.32 -8.40 0.00	179.83 -8.07 0.00	169.54 -7.99 0.00	132.42 -5.95 0.00	142.35 -6.23 0.00	134.84 -5.75 -0.59
NM_CAPITAL__DRP 24208	144.62 4.54 -26.52	142.61 4.45 -24.15	138.67 4.67 -19.97	139.15 4.69 -19.96	144.72 4.70 -25.42	148.63 5.70 -3.78	179.21 5.57 -30.93	224.77 5.16 -76.22	215.38 5.95 -52.90	176.99 5.29 -39.50	150.23 4.88 -23.27	147.03 5.20 -14.99	146.10 4.46 -27.26	141.89 4.37 -25.56	144.92 4.36 -28.71	148.86 4.07 -28.59	156.53 5.28 -0.39	203.06 5.36 -6.37	210.04 5.32 0.00	193.17 5.26 0.00	182.32 4.79 0.00	175.50 4.57 -32.57	158.78 5.05 -5.14	159.86 5.32 -14.54

NM_CENTRAL___DRP 24181	113.66 -2.27 -2.37	113.90 -2.28 -2.16	113.64 -2.17 -1.79	114.10 -2.18 -1.79	114.82 -2.06 -2.28	136.66 -2.50 -0.02	141.11 -2.14 -0.54	143.28 -2.29 -2.19	153.87 -2.66 0.00	130.28 -2.51 -0.59	121.83 -2.32 -2.08	125.77 -2.41 -1.34	114.18 -2.63 -2.43	111.66 -2.58 -2.28	111.73 -2.68 -2.56	116.43 -2.32 -2.55	148.15 -2.72 0.00	187.89 -3.44 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.61 -2.97 0.00	138.14 -2.66 -0.81
NM_FRONTIER___DRP 24179	105.39 -11.92 -3.75	105.47 -11.97 -3.42	104.99 -11.86 -2.83	105.75 -11.56 -2.83	106.63 -11.57 -3.60	123.73 -15.45 -0.03	124.87 -18.27 -0.43	123.99 -21.08 -1.68	128.58 -22.23 5.72	113.47 -18.77 -0.05	106.14 -17.46 -1.52	110.05 -17.76 -0.97	98.01 -16.58 -0.22	96.94 -16.68 -1.67	96.95 -16.44 -1.55	101.68 -16.38 -1.87	128.85 -22.03 -0.01	163.77 -27.55 0.01	163.35 -32.14 9.23	144.65 -29.31 13.94	132.14 -28.23 17.16	119.49 -20.89 -2.02	129.12 -19.46 0.00	124.23 -16.38 -0.61
NM_ST_REGIS___HYD 24053	112.66 -1.25 -0.35	112.74 -1.60 -0.32	112.80 -1.48 -0.26	112.92 -1.83 -0.26	112.99 -1.95 -0.34	136.78 -2.37 0.00	140.23 -2.57 -0.08	143.28 -0.43 -0.32	153.71 -2.82 0.00	129.38 -2.91 -0.09	119.58 -2.81 -0.31	123.87 -3.17 -0.20	113.02 -1.72 -0.36	110.73 -1.57 -0.34	110.22 -2.01 -0.38	112.75 -3.83 -0.38	145.44 -5.43 0.00	188.85 -2.49 0.00	203.29 -1.43 0.00	185.65 -2.25 0.00	175.93 -1.60 0.00	134.63 -3.74 0.00	144.43 -4.16 0.00	137.32 -2.80 -0.12
NORTHPORT___1 23551	146.83 10.00 -23.27	146.83 9.91 -22.90	144.38 9.69 -20.67	144.28 9.73 -20.06	146.83 9.86 -22.37	151.43 11.27 -1.02	176.14 12.41 -21.01	197.18 12.62 -41.17	179.87 14.56 -8.78	161.36 12.42 -16.74	152.76 11.72 -18.96	151.36 12.30 -12.21	148.14 11.55 -22.21	146.83 11.30 -23.57	149.10 11.18 -26.07	153.11 11.73 -25.18	168.24 13.87 -3.50	217.96 15.69 -10.93	228.36 15.76 -7.87	216.88 15.21 -13.76	204.36 14.02 -12.82	189.18 12.18 -38.64	173.94 12.92 -12.43	164.15 11.89 -12.26
NORTHPORT___2 23552	146.83 10.00 -23.27	146.83 9.91 -22.90	144.38 9.69 -20.67	144.28 9.73 -20.06	146.83 9.86 -22.37	151.43 11.27 -1.02	176.14 12.41 -21.01	197.18 12.62 -41.17	179.87 14.56 -8.78	161.36 12.42 -16.74	152.76 11.72 -18.96	151.36 12.30 -12.21	148.14 11.55 -22.21	146.83 11.30 -23.57	149.10 11.18 -26.07	153.11 11.73 -25.18	168.24 13.87 -3.50	217.96 15.69 -10.93	228.36 15.76 -7.87	216.88 15.21 -13.76	204.36 14.02 -12.82	189.18 12.18 -38.64	173.94 12.92 -12.43	164.15 11.89 -12.26
NORTHPORT___3 23553	145.02 8.18 -23.27	144.89 7.98 -22.90	142.91 8.21 -20.67	142.68 8.13 -20.06	144.99 8.02 -22.37	148.79 8.63 -1.02	172.87 9.14 -21.01	194.02 9.46 -41.17	176.58 11.28 -8.78	158.59 9.65 -16.74	150.68 9.64 -18.96	149.07 10.02 -12.21	146.31 9.72 -22.21	145.26 9.74 -23.57	147.31 9.40 -26.07	150.68 9.30 -25.18	165.08 10.71 -3.50	214.52 12.26 -10.93	224.67 12.08 -7.87	213.51 11.85 -13.76	200.99 10.65 -12.82	186.83 9.83 -38.64	170.98 9.96 -12.43	161.08 8.83 -12.26
NORTHPORT___4 23650	145.02 8.18 -23.27	144.89 7.98 -22.90	142.91 8.21 -20.67	142.68 8.13 -20.06	144.99 8.02 -22.37	148.79 8.63 -1.02	172.87 9.14 -21.01	194.02 9.46 -41.17	176.58 11.28 -8.78	158.59 9.65 -16.74	150.68 9.64 -18.96	149.07 10.02 -12.21	146.31 9.72 -22.21	145.26 9.74 -23.57	147.31 9.40 -26.07	150.68 9.30 -25.18	165.08 10.71 -3.50	214.52 12.26 -10.93	224.67 12.08 -7.87	213.51 11.85 -13.76	200.99 10.65 -12.82	186.83 9.83 -38.64	170.98 9.96 -12.43	161.08 8.83 -12.26
NORTHPORT___IC 23718	146.83 9.99 -23.27	146.84 9.92 -22.90	144.27 9.58 -20.67	144.29 9.73 -20.06	146.83 9.86 -22.37	152.13 11.97 -1.02	175.86 12.13 -21.01	197.18 12.62 -41.17	179.71 14.40 -8.78	161.37 12.43 -16.74	152.76 11.72 -18.96	151.23 12.18 -12.21	147.69 11.09 -22.22	146.72 11.20 -23.57	148.99 11.07 -26.07	152.89 11.50 -25.18	168.55 14.18 -3.50	218.53 16.26 -10.93	229.17 16.58 -7.87	217.45 15.78 -13.76	204.72 14.38 -12.82	189.04 12.04 -38.64	173.95 12.93 -12.43	164.16 11.90 -12.26
NORTH___COUNTRY_ESR 323785	111.40 -2.16 0.00	111.62 -2.40 0.00	111.74 -2.28 0.00	112.20 -2.29 0.00	112.19 -2.41 0.00	136.36 -2.78 0.00	139.00 -3.71 0.00	140.37 -3.02 0.00	152.31 -4.22 0.00	128.36 -3.84 0.00	118.42 -3.66 0.00	122.78 -4.06 0.00	111.18 -3.20 0.00	108.94 -3.02 0.00	108.94 -2.91 0.00	112.60 -3.60 0.00	146.03 -4.83 0.00	188.27 -3.07 0.00	202.67 -2.05 0.00	185.66 -2.25 0.00	175.75 -1.78 0.00	135.19 -3.18 0.00	144.72 -3.86 0.00	136.64 -3.36 0.00
NPX_GEN_1385_PROXY 323591	147.63 10.79 -23.27	147.63 10.71 -22.90	144.50 9.81 -20.67	144.51 9.96 -20.06	147.87 10.89 -22.37	152.96 12.79 -1.02	178.00 14.27 -21.01	199.19 14.63 -41.17	180.81 15.50 -8.78	162.82 13.88 -16.74	153.73 12.70 -18.96	152.00 12.94 -12.21	148.71 12.12 -22.21	147.28 11.75 -23.57	150.00 12.08 -26.07	154.69 13.70 -24.78	170.00 15.23 -3.90	217.00 14.73 -10.93	227.34 14.75 -7.87	215.76 14.10 -13.76	204.01 13.67 -12.82	188.63 11.62 -38.64	174.24 13.22 -12.43	165.70 13.44 -12.26
NPX_GEN_CSC 323557	148.87 12.03 -23.27	148.88 11.97 -22.90	146.55 11.86 -20.67	146.35 11.79 -20.06	149.00 12.03 -22.37	154.41 14.20 -1.06	179.33 15.56 -21.06	200.37 15.77 -41.21	183.34 17.99 -8.82	163.87 14.93 -16.74	154.83 13.79 -18.96	153.13 14.08 -12.21	149.63 13.03 -22.21	148.17 12.65 -23.57	150.66 12.75 -26.07	154.57 13.59 -24.78	171.36 16.60 -3.90	222.94 20.67 -10.93	233.06 20.47 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.37 16.34 -12.43	167.25 14.99 -12.26
NSINS_S___GLNS_FALLS 23858	151.00 10.11 -27.33	148.83 9.92 -24.89	144.52 9.92 -20.59	145.14 10.08 -20.58	151.24 10.43 -26.21	158.38 12.94 -6.29	204.88 13.56 -48.60	270.94 13.34 -114.21	262.78 15.34 -90.92	201.88 12.82 -56.85	157.76 11.72 -23.96	153.94 11.67 -15.43	152.51 10.07 -28.07	147.91 9.63 -26.32	150.81 9.40 -29.57	155.98 10.34 -29.44	165.94 14.48 -0.59	220.65 18.37 -10.95	223.96 19.24 0.00	205.76 17.85 0.00	193.86 16.33 0.00	201.08 13.14 -49.57	171.53 14.12 -8.83	171.52 12.74 -18.78
NUCOR_STEEL___DRP 24197	115.85 -0.79 -3.09	116.03 -0.80 -2.81	115.66 -0.68 -2.32	116.13 -0.69 -2.32	116.99 -0.57 -2.96	138.61 -0.56 -0.03	143.62 0.00 -0.91	146.95 -0.14 -3.70	158.56 -0.47 -2.51	135.30 -0.66 -3.76	124.67 -0.85 -3.45	128.18 -0.89 -2.22	117.84 -1.26 -4.72	114.40 -1.34 -3.79	114.68 -1.57 -4.39	119.50 -0.93 -4.23	150.29 -0.60 -0.03	190.76 -0.57 0.00	208.58 -0.61 -4.47	193.12 -0.94 -6.16	183.82 -1.24 -7.54	139.25 -0.83 -1.71	147.84 -0.74 0.00	140.62 -0.70 -1.33
NUMBER_THREE_WT_PWR 323818	116.10 1.59 -0.95	116.48 1.60 -0.86	116.21 1.48 -0.71	116.69 1.48 -0.71	117.11 1.60 -0.91	141.79 2.64 -0.01	146.63 3.70 -0.22	148.71 4.45 -0.87	161.07 4.54 0.00	135.48 3.04 -0.24	125.71 2.81 -0.83	130.04 2.67 -0.53	117.41 2.06 -0.97	114.43 1.57 -0.91	114.22 1.35 -1.02	118.72 1.51 -1.02	153.43 2.56 0.00	196.12 4.79 0.00	210.45 5.72 0.00	192.41 4.50 0.00	181.43 3.90 0.00	140.86 2.49 0.00	151.71 3.13 0.00	143.82 3.50 -0.32
NYISO_LBMP_REFERENCE 24008	113.56 0.00 0.00	114.02 0.00 0.00	114.02 0.00 0.00	114.49 0.00 0.00	114.60 0.00 0.00	139.14 0.00 0.00	142.72 0.00 0.00	143.39 0.00 0.00	156.53 0.00 0.00	132.20 0.00 0.00	122.08 0.00 0.00	126.84 0.00 0.00	114.38 0.00 0.00	111.96 0.00 0.00	111.85 0.00 0.00	116.20 0.00 0.00	150.87 0.00 0.00	191.33 0.00 0.00	204.72 0.00 0.00	187.91 0.00 0.00	177.53 0.00 0.00	138.37 0.00 0.00	148.59 0.00 0.00	140.00 0.00 0.00

NYPA_BRENTWD____GT 24164	148.30 11.46 -23.27	148.32 11.40 -22.90	145.87 11.18 -20.67	145.78 11.23 -20.06	148.43 11.46 -22.37	152.96 12.79 -1.02	177.57 13.84 -21.02	199.61 15.05 -41.17	181.90 16.58 -8.79	163.48 14.54 -16.74	154.59 13.55 -18.96	153.01 13.95 -12.21	149.51 12.92 -22.21	148.17 12.65 -23.57	150.55 12.63 -26.07	154.85 13.47 -25.18	170.82 16.45 -3.50	221.98 19.71 -10.93	232.86 20.27 -7.87	220.84 19.18 -13.76	207.75 17.41 -12.82	191.95 14.95 -38.64	176.62 15.60 -12.43	166.55 14.29 -12.26
NYPA_GOWANUS____GT5 24156	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NYPA_GOWANUS____GT6 24157	144.30 9.09 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	163.23 11.71 -8.81	358.54 11.89 -203.25	354.27 14.24 -183.50	349.73 12.69 -204.84	217.83 11.97 -83.78	251.87 12.68 -112.35	187.10 11.44 -61.29	194.11 11.09 -71.07	146.44 11.08 -23.52	180.17 11.62 -52.35	380.17 13.87 -215.43	383.04 15.49 -176.21	395.70 15.76 -175.21	386.25 15.21 -183.13	374.51 13.86 -183.13	326.95 12.72 -175.86	162.32 12.92 -0.81	159.71 11.48 -8.23
NYPA_HARLEM__RVR__GT1 24160	144.53 9.31 -21.65	142.97 9.23 -19.72	139.56 9.23 -16.31	140.06 9.27 -16.30	144.64 9.28 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.47 12.67 -8.27	160.45 11.50 -16.75	152.41 11.35 -18.98	150.99 11.92 -12.23	147.36 10.75 -22.23	143.22 10.41 -20.85	145.67 10.40 -23.41	150.43 10.92 -23.32	163.52 12.52 -0.13	206.69 14.36 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
NYPA_HARLEM__RVR__GT2 24161	144.53 9.31 -21.65	142.97 9.23 -19.72	139.56 9.23 -16.31	140.06 9.27 -16.30	144.64 9.28 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.47 12.67 -8.27	160.45 11.50 -16.75	152.41 11.35 -18.98	150.99 11.92 -12.23	147.36 10.75 -22.23	143.22 10.41 -20.85	145.67 10.40 -23.41	150.43 10.92 -23.32	163.52 12.52 -0.13	206.69 14.36 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
NYPA_KENT____GT 24152	144.18 8.97 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	143.96 8.60 -20.76	150.19 10.30 -0.75	163.08 11.55 -8.81	283.37 11.61 -128.38	279.07 13.93 -108.62	271.08 12.42 -126.45	189.88 11.72 -56.09	208.70 12.30 -69.56	171.59 11.09 -46.12	175.95 10.86 -53.14	146.17 10.85 -23.47	167.54 11.39 -39.94	284.94 13.42 -120.65	307.60 14.93 -101.33	320.21 15.15 -100.34	307.44 14.67 -104.87	295.72 13.32 -104.87	256.19 12.31 -105.51	161.88 12.48 -0.81	159.43 11.20 -8.23
NYPA_POUCH1____GT 24155	143.73 8.52 -21.65	142.06 8.32 -19.72	138.31 7.98 -16.31	138.69 7.89 -16.30	143.50 8.14 -20.76	149.63 9.74 -0.75	162.67 11.14 -8.81	357.97 11.33 -203.25	353.64 13.61 -183.50	349.19 12.15 -204.84	217.33 11.47 -83.78	251.25 12.06 -112.35	186.53 10.87 -61.29	193.67 10.64 -71.07	145.88 10.51 -23.52	179.70 11.16 -52.35	379.58 13.28 -215.43	382.28 14.73 -176.21	395.08 15.15 -175.21	385.51 14.47 -183.13	373.97 13.32 -183.13	326.40 12.18 -175.86	161.72 12.33 -0.81	159.15 10.93 -8.23
NYPA_VERNON____GT2 24162	144.08 8.86 -21.65	142.40 8.66 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.31	143.96 8.60 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	208.21 11.33 -53.50	203.88 13.61 -33.74	192.57 12.30 -48.07	162.07 11.60 -28.39	165.80 12.18 -26.78	156.32 10.98 -30.96	157.91 10.75 -35.20	145.91 10.63 -23.43	154.89 11.16 -27.54	194.86 13.28 -30.71	232.52 14.73 -26.46	244.93 14.75 -25.46	228.79 14.27 -26.61	217.09 12.95 -26.61	185.56 12.03 -35.16	161.73 12.33 -0.81	159.28 11.06 -8.23
NYPA_VERNON____GT3 24163	144.08 8.86 -21.65	142.40 8.66 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.31	143.96 8.60 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	208.21 11.33 -53.50	203.88 13.61 -33.74	192.57 12.30 -48.07	162.07 11.60 -28.39	165.80 12.18 -26.78	156.32 10.98 -30.96	157.91 10.75 -35.20	145.91 10.63 -23.43	154.89 11.16 -27.54	194.86 13.28 -30.71	232.52 14.73 -26.46	244.93 14.75 -25.46	228.79 14.27 -26.61	217.09 12.95 -26.61	185.56 12.03 -35.16	161.73 12.33 -0.81	159.28 11.06 -8.23
NYPA__ASTORIA_CC1 323568	144.08 8.86 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	182.62 11.19 -28.04	178.27 13.46 -8.28	165.00 12.03 -20.77	152.52 11.47 -18.98	151.12 12.06 -12.23	150.56 10.87 -25.31	150.56 10.64 -27.96	145.89 10.63 -23.41	150.56 11.04 -23.32	164.12 13.12 -0.13	206.87 14.53 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.32 12.79 0.00	161.51 11.90 -11.25	161.72 12.33 -0.81	159.28 11.06 -8.23
NYPA__ASTORIA_CC2 323569	144.08 8.86 -21.65	142.52 8.78 -19.72	138.89 8.56 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.19 10.30 -0.75	162.80 11.27 -8.81	182.62 11.19 -28.04	178.27 13.46 -8.28	165.00 12.03 -20.77	152.52 11.47 -18.98	151.12 12.06 -12.23	150.56 10.87 -25.31	150.56 10.64 -27.96	145.89 10.63 -23.41	150.56 11.04 -23.32	164.12 13.12 -0.13	206.87 14.53 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.32 12.79 0.00	161.51 11.90 -11.25	161.72 12.33 -0.81	159.28 11.06 -8.23
NYPA__HOLTSVILL 23794	147.40 10.56 -23.27	147.40 10.48 -22.90	144.96 10.27 -20.67	144.86 10.31 -20.06	147.51 10.54 -22.37	152.45 12.25 -1.06	177.18 13.41 -21.06	198.08 13.47 -41.21	181.00 15.65 -8.82	162.16 13.22 -16.74	153.50 12.46 -18.96	151.74 12.68 -12.21	148.49 11.89 -22.21	147.06 11.53 -23.57	149.55 11.63 -26.07	153.58 12.20 -25.18	168.86 14.48 -3.50	219.29 17.02 -10.93	229.79 17.20 -7.87	218.20 16.54 -13.76	205.42 15.08 -12.82	190.01 13.00 -38.64	174.84 13.82 -12.43	165.28 13.02 -12.26
NYPA__HELLGATE_GT1 24158	144.53 9.31 -21.65	142.97 9.23 -19.72	139.56 9.23 -16.31	140.06 9.27 -16.30	144.64 9.28 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.47 12.67 -8.27	160.45 11.50 -16.75	152.41 11.35 -18.98	150.99 11.92 -12.23	147.36 10.75 -22.23	143.22 10.41 -20.85	145.67 10.40 -23.41	150.43 10.92 -23.32	163.52 12.52 -0.13	206.69 14.36 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
NYPA__HELLGATE_GT2 24159	144.53 9.31 -21.65	142.97 9.23 -19.72	139.56 9.23 -16.31	140.06 9.27 -16.30	144.64 9.28 -20.76	150.75 10.86 -0.75	162.37 10.84 -8.81	182.04 10.61 -28.04	177.47 12.67 -8.27	160.45 11.50 -16.75	152.41 11.35 -18.98	150.99 11.92 -12.23	147.36 10.75 -22.23	143.22 10.41 -20.85	145.67 10.40 -23.41	150.43 10.92 -23.32	163.52 12.52 -0.13	206.69 14.36 -1.00	219.26 14.54 0.00	202.01 14.10 0.00	190.13 12.61 0.00	160.81 11.20 -11.25	161.29 11.89 -0.81	159.15 10.93 -8.23
NYS_BARGE__HYD 23848	106.23 -11.01 -3.68	106.43 -10.95 -3.35	105.85 -10.95 -2.77	106.73 -10.53 -2.77	107.59 -10.54 -3.53	125.40 -13.78 -0.03	126.59 -16.55 -0.42	126.28 -18.78 -1.67	131.31 -19.73 5.49	115.65 -16.66 -0.11	107.86 -15.75 -1.53	111.84 -15.99 -0.98	100.16 -14.53 -0.31	98.86 -14.78 -1.69	99.01 -14.43 -1.59	103.56 -14.53 -1.89	132.62 -18.26 -0.01	167.59 -23.73 0.01	170.75 -24.98 8.98	149.04 -25.37 13.49	137.05 -23.97 16.51	121.94 -18.40 -1.98	131.20 -17.38 0.00	125.77 -14.84 -0.62

OAK ORCHARD___HYD 24046	111.58 -5.11 -3.13	111.74 -5.13 -2.85	111.25 -5.13 -2.36	112.04 -4.80 -2.36	112.79 -4.81 -3.00	133.19 -5.98 -0.03	135.58 -7.57 -0.43	136.64 -8.46 -1.71	142.08 -10.65 3.79	123.35 -9.38 -0.54	114.88 -8.79 -1.59	118.86 -9.00 -1.02	106.63 -8.58 -0.83	105.42 -8.28 -1.75	105.32 -8.28 -1.75	109.91 -8.25 -1.96	141.67 -9.21 -0.01	179.47 -11.86 0.00	186.22 -12.28 6.22	165.04 -13.53 9.34	152.61 -13.50 11.42	129.94 -10.09 -1.66	139.23 -9.36 0.00	133.20 -7.42 -0.63
OAKDALE___35_KV_LOAD 356122	119.51 -1.25 -7.20	119.43 -1.14 -6.56	118.30 -1.14 -5.42	118.88 -1.03 -5.42	120.47 -1.03 -6.90	138.50 -0.97 -0.33	145.19 -0.86 -3.33	152.73 -0.43 -9.77	155.77 -0.47 0.29	135.73 -0.53 -4.06	126.68 -0.61 -5.21	129.69 -0.51 -3.35	118.52 -0.92 -5.06	117.01 -0.67 -5.73	117.05 -1.01 -6.21	122.02 -0.58 -6.41	150.45 -0.45 -0.04	190.80 -0.96 -0.43	197.88 -1.23 5.61	177.11 -1.32 9.49	164.48 -1.42 11.63	141.84 -0.69 -4.17	148.34 -0.59 -0.35	141.29 -1.12 -2.41
OCC_CHEM___DRP 24175	105.51 -11.81 -3.76	105.59 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	123.87 -15.31 -0.03	125.16 -17.98 -0.43	124.27 -20.79 -1.68	128.73 -22.07 5.72	113.60 -18.64 -0.05	106.38 -17.21 -1.51	110.31 -17.50 -0.97	98.13 -16.47 -0.22	97.17 -16.46 -1.67	97.17 -16.22 -1.54	101.80 -16.27 -1.87	129.00 -21.88 -0.01	164.16 -27.17 0.01	163.77 -31.73 9.22	144.86 -29.13 13.92	132.32 -28.05 17.16	119.77 -20.62 -2.02	129.27 -19.32 0.00	124.37 -16.24 -0.61
OH_GEN_PROXY 24063	106.16 -11.12 -3.72	106.35 -11.06 -3.39	105.88 -10.95 -2.80	106.65 -10.64 -2.80	107.52 -10.65 -3.57	125.54 -13.63 -0.03	126.60 -16.55 -0.43	126.32 -18.78 -1.71	130.40 -20.50 5.63	114.86 -17.45 -0.11	107.66 -15.99 -1.57	111.73 -16.11 -1.00	99.48 -15.21 -0.31	98.79 -14.89 -1.72	98.93 -14.54 -1.62	102.97 -14.76 -1.53	132.71 -18.56 -0.41	167.21 -24.11 0.01	169.70 -25.80 9.22	148.10 -25.93 13.87	135.72 -24.85 16.95	121.97 -18.40 -2.00	131.20 -17.38 0.00	125.93 -14.70 -0.63
OLIN_CORP_DRP 24177	105.08 -12.26 -3.79	105.15 -12.31 -3.45	104.67 -12.20 -2.85	105.43 -11.91 -2.85	106.31 -11.92 -3.63	123.73 -15.45 -0.03	125.01 -18.12 -0.42	124.41 -20.65 -1.67	129.61 -21.13 5.78	114.25 -17.98 -0.03	106.62 -16.97 -1.51	110.56 -17.25 -0.97	98.79 -15.78 -0.20	97.38 -16.23 -1.66	98.40 -14.99 -1.54	102.14 -15.92 -1.86	129.60 -21.27 -0.01	164.73 -26.60 0.01	164.83 -30.50 9.39	146.30 -27.43 14.18	133.72 -26.45 17.36	120.07 -20.34 -2.04	129.57 -19.02 0.00	124.23 -16.38 -0.61
OLIN_CORP_DSASP 323712	105.51 -11.81 -3.76	105.58 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	124.15 -15.03 -0.03	124.87 -18.27 -0.43	124.27 -20.79 -1.68	128.30 -22.54 5.69	113.23 -19.03 -0.06	105.91 -17.70 -1.54	109.95 -17.88 -0.98	98.16 -16.47 -0.25	97.30 -16.35 -1.69	97.32 -16.10 -1.57	101.71 -16.38 -1.89	130.21 -20.66 -0.01	164.35 -26.97 0.01	166.84 -28.66 9.22	145.12 -28.93 13.85	132.59 -27.87 17.07	119.77 -20.62 -2.02	129.27 -19.31 0.00	124.38 -16.24 -0.62
ONEIDA_HERK_LFGE 323681	117.30 2.95 -0.79	117.70 2.96 -0.72	117.47 2.85 -0.60	117.95 2.86 -0.60	118.34 2.97 -0.76	143.32 4.17 -0.01	147.89 4.99 -0.18	149.43 5.31 -0.73	162.47 5.95 0.00	136.89 4.50 -0.20	126.79 4.02 -0.69	131.22 3.94 -0.45	118.51 3.32 -0.81	115.63 2.91 -0.76	115.61 2.90 -0.86	120.30 3.25 -0.85	155.55 4.68 0.00	197.84 6.51 0.00	211.88 7.16 0.00	193.92 6.01 0.00	183.04 5.51 0.00	142.51 4.15 0.00	153.20 4.61 0.00	144.74 4.48 -0.27
ONEIDA___115KV_TB4 55905	118.45 3.41 -1.48	118.90 3.53 -1.35	118.67 3.53 -1.12	119.15 3.55 -1.12	119.81 3.78 -1.42	144.31 5.15 -0.01	149.05 5.99 -0.34	150.78 6.02 -1.37	163.26 6.73 0.00	137.72 5.16 -0.37	127.89 4.52 -1.30	132.24 4.57 -0.84	119.56 3.66 -1.52	116.85 3.47 -1.43	116.80 3.36 -1.60	121.86 4.07 -1.59	156.45 5.58 0.00	198.60 7.27 0.00	212.30 7.57 0.00	194.48 6.58 0.00	183.38 5.86 0.00	143.07 4.70 0.00	153.79 5.20 0.00	145.26 4.76 -0.50
ONONDAGA_REF_OCCRA 23987	114.90 -1.48 -2.82	115.11 -1.48 -2.57	114.66 -1.48 -2.12	115.12 -1.49 -2.12	115.93 -1.38 -2.70	137.64 -1.53 -0.02	142.50 -1.00 -0.78	145.44 -1.15 -3.20	156.90 -1.41 -1.78	133.88 -1.45 -3.13	123.61 -1.46 -3.00	127.25 -1.52 -1.93	116.55 -1.83 -4.00	113.46 -1.79 -3.30	113.75 -1.90 -3.80	118.38 -1.51 -3.69	149.38 -1.51 -0.02	189.61 -1.72 0.00	205.74 -2.05 -3.07	190.03 -2.25 -4.37	180.57 -2.31 -5.36	138.22 -1.66 -1.52	146.80 -1.78 0.00	139.47 -1.68 -1.16
ONONDAGA___COGEN 23986	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91
ONTARIO___LFGE 23819	114.08 -3.06 -3.58	114.20 -3.07 -3.26	113.75 -2.97 -2.69	114.32 -2.86 -2.69	115.40 -2.63 -3.43	136.11 -3.06 -0.03	140.49 -2.43 -0.20	141.11 -3.02 -0.74	145.07 -3.44 8.01	127.42 -3.56 1.21	119.24 -3.54 -0.71	123.49 -3.80 -0.45	109.03 -4.01 1.34	108.60 -4.14 -0.78	108.25 -4.02 -0.43	113.59 -3.48 -0.88	147.55 -3.32 0.00	187.50 -3.83 0.01	187.84 -3.48 13.40	163.90 -4.31 19.69	148.63 -4.78 24.11	136.70 -3.60 -1.93	144.88 -3.71 0.00	136.66 -3.64 -0.31
ORANGEVILLE_WT_PWR 323706	108.77 -9.19 -4.41	108.91 -9.13 -4.01	108.33 -9.01 -3.32	108.99 -8.81 -3.32	110.11 -8.71 -4.22	128.33 -11.00 -0.18	131.94 -12.13 -1.35	132.72 -14.05 -3.38	134.02 -13.78 8.73	119.10 -12.16 0.94	112.03 -11.23 -1.18	116.18 -11.42 -0.75	102.64 -10.76 0.99	102.17 -11.09 -1.30	102.29 -10.52 -0.97	107.20 -10.46 -1.46	138.05 -12.82 0.00	175.25 -16.07 0.01	173.66 -16.78 14.28	149.65 -16.91 21.34	134.99 -16.33 26.21	128.72 -12.04 -2.39	136.85 -11.74 0.00	129.43 -11.06 -0.49
ORANGEVILLE___ESR 323794	108.77 -9.19 -4.41	108.91 -9.13 -4.01	108.33 -9.01 -3.32	108.99 -8.81 -3.32	110.11 -8.71 -4.22	128.33 -11.00 -0.18	131.94 -12.13 -1.35	132.72 -14.05 -3.38	134.02 -13.78 8.73	119.10 -12.16 0.94	112.03 -11.23 -1.18	116.18 -11.42 -0.75	102.64 -10.76 0.99	102.17 -11.09 -1.30	102.29 -10.52 -0.97	107.20 -10.46 -1.46	138.05 -12.82 0.00	175.25 -16.07 0.01	173.66 -16.78 14.28	149.65 -16.91 21.34	134.99 -16.33 26.21	128.72 -12.04 -2.39	136.85 -11.74 0.00	129.43 -11.06 -0.49
OSWEGATCHIE___HYD 24044	114.27 0.00 -0.71	114.44 -0.23 -0.64	114.21 -0.34 -0.53	114.45 -0.57 -0.53	114.71 -0.57 -0.68	138.87 -0.28 -0.01	143.02 0.14 -0.16	145.90 1.86 -0.65	157.00 0.47 0.00	132.11 -0.26 -0.18	122.33 -0.37 -0.62	126.61 -0.63 -0.40	114.76 -0.34 -0.73	112.30 -0.33 -0.68	111.83 -0.78 -0.76	115.22 -1.74 -0.76	148.75 -2.11 0.00	191.91 0.58 0.00	206.16 1.44 0.00	188.47 0.57 0.00	177.88 0.36 0.00	137.12 -1.25 0.00	147.55 -1.03 0.00	140.10 -0.14 -0.24
OSWEGO___5 23606	111.76 -3.74 -1.94	112.03 -3.76 -1.77	111.72 -3.76 -1.46	112.28 -3.67 -1.46	112.79 -3.67 -1.86	134.85 -4.31 -0.02	138.73 -4.43 -0.44	140.58 -4.59 -1.79	151.20 -5.32 0.00	128.05 -4.63 -0.48	119.50 -4.28 -1.70	123.49 -4.44 -1.09	112.14 -4.23 -1.99	109.68 -4.14 -1.86	109.80 -4.14 -2.09	114.21 -4.07 -2.08	145.89 -4.97 0.00	185.02 -6.31 0.00	197.97 -6.75 0.00	181.32 -6.58 0.00	170.96 -6.56 0.00	133.52 -4.85 0.00	143.53 -5.05 0.00	136.04 -4.62 -0.66

OSWEGO___6 23613	111.76 -3.74 -1.94	112.03 -3.76 -1.77	111.72 -3.76 -1.46	112.28 -3.67 -1.46	112.79 -3.67 -1.86	134.85 -4.31 -0.02	138.73 -4.43 -0.44	140.58 -4.59 -1.79	151.20 -5.32 0.00	128.05 -4.63 -0.48	119.50 -4.28 -1.70	123.49 -4.44 -1.09	112.14 -4.23 -1.99	109.68 -4.14 -1.86	109.80 -4.14 -2.09	114.21 -4.07 -2.08	145.89 -4.97 0.00	185.02 -6.31 0.00	197.97 -6.75 0.00	181.32 -6.58 0.00	170.96 -6.56 0.00	133.52 -4.85 0.00	143.53 -5.05 0.00	136.04 -4.62 -0.66
OUTOKUMPU-AB___DRP 24206	106.82 -10.56 -3.82	106.90 -10.60 -3.48	106.41 -10.49 -2.88	107.18 -10.19 -2.88	108.07 -10.20 -3.66	125.96 -13.22 -0.03	127.44 -15.70 -0.42	127.13 -17.92 -1.66	132.43 -18.16 5.94	116.72 -15.47 0.02	109.54 -14.04 -1.50	113.47 -14.33 -0.96	101.02 -13.50 -0.14	99.95 -13.66 -1.65	100.16 -13.20 -1.52	104.80 -13.25 -1.85	132.92 -17.95 -0.01	168.94 -22.39 0.01	169.32 -25.79 9.60	149.73 -23.68 14.50	136.62 -23.08 17.83	123.41 -17.02 -2.06	132.39 -16.20 0.00	126.60 -14.00 -0.61
OXBOW___BTM 323836	105.89 -11.47 -3.79	106.07 -11.40 -3.45	105.47 -11.40 -2.86	106.35 -10.99 -2.85	107.12 -11.11 -3.63	124.70 -14.47 -0.03	125.87 -17.27 -0.42	125.42 -19.64 -1.67	129.75 -20.97 5.81	114.65 -17.58 -0.03	107.37 -16.24 -1.53	111.33 -16.49 -0.98	99.38 -15.21 -0.22	98.41 -15.23 -1.68	98.53 -14.88 -1.56	102.98 -15.10 -1.88	131.71 -19.16 -0.01	166.46 -24.87 0.01	168.90 -26.41 9.41	147.08 -26.68 14.14	134.38 -25.74 17.41	121.31 -19.10 -2.04	130.45 -18.13 0.00	125.21 -15.40 -0.62
OXBOW____ 24026	105.88 -11.47 -3.79	106.07 -11.40 -3.45	105.59 -11.29 -2.86	106.35 -10.99 -2.85	107.12 -11.12 -3.63	124.70 -14.47 -0.03	126.01 -17.13 -0.42	125.41 -19.64 -1.67	130.34 -20.35 5.83	114.90 -17.32 -0.01	107.71 -15.87 -1.51	111.70 -16.11 -0.96	99.35 -15.21 -0.18	98.39 -15.23 -1.66	98.50 -14.88 -1.53	103.07 -14.99 -1.86	130.81 -20.07 -0.01	166.26 -25.06 0.01	166.24 -29.07 9.41	147.01 -26.68 14.21	134.11 -25.92 17.50	121.31 -19.09 -2.04	130.46 -18.13 0.00	125.21 -15.40 -0.61
OXY_CHEM_DSASP 323612	105.51 -11.81 -3.76	105.59 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	123.87 -15.31 -0.03	125.16 -17.98 -0.43	124.27 -20.79 -1.68	128.73 -22.07 5.72	113.60 -18.64 -0.05	106.38 -17.21 -1.51	110.31 -17.50 -0.97	98.13 -16.47 -0.22	97.17 -16.46 -1.67	97.17 -16.22 -1.54	101.80 -16.27 -1.87	129.00 -21.88 -0.01	164.16 -27.17 0.01	163.77 -31.73 9.22	144.86 -29.13 13.92	132.32 -28.05 17.16	119.77 -20.62 -2.02	129.27 -19.32 0.00	124.37 -16.24 -0.61
OZONE_PARK_ESR 323760	144.40 9.20 -21.64	142.62 8.89 -19.71	138.99 8.67 -16.30	139.37 8.59 -16.30	144.18 8.82 -20.75	150.60 10.71 -0.74	162.80 11.27 -8.81	183.33 11.90 -28.04	178.74 13.93 -8.28	161.37 12.43 -16.75	152.89 11.84 -18.97	151.62 12.56 -12.22	147.81 11.21 -22.22	143.77 10.97 -20.84	146.10 10.85 -23.41	150.89 11.39 -23.31	165.03 14.03 -0.13	208.59 16.26 -1.00	221.30 16.58 0.00	203.69 15.78 0.00	192.08 14.56 0.00	161.93 12.31 -11.25	162.17 12.78 -0.80	159.69 11.48 -8.22
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	105.51 -11.81 -3.76	105.59 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	123.87 -15.31 -0.03	125.16 -17.98 -0.43	124.27 -20.79 -1.68	128.73 -22.07 5.72	113.60 -18.64 -0.05	106.38 -17.21 -1.51	110.31 -17.50 -0.97	98.13 -16.47 -0.22	97.17 -16.46 -1.67	97.17 -16.22 -1.54	101.80 -16.27 -1.87	129.00 -21.88 -0.01	164.16 -27.17 0.01	163.77 -31.73 9.22	144.86 -29.13 13.92	132.32 -28.05 17.16	119.77 -20.62 -2.02	129.27 -19.32 0.00	124.37 -16.24 -0.61
PACKARD__115KV_DUPONT_184 80571	105.51 -11.81 -3.76	105.59 -11.86 -3.42	105.22 -11.63 -2.83	105.87 -11.45 -2.83	106.75 -11.46 -3.60	123.87 -15.31 -0.03	125.16 -17.98 -0.43	124.27 -20.79 -1.68	128.73 -22.07 5.72	113.60 -18.64 -0.05	106.38 -17.21 -1.51	110.31 -17.50 -0.97	98.13 -16.47 -0.22	97.17 -16.46 -1.67	97.17 -16.22 -1.54	101.80 -16.27 -1.87	129.00 -21.88 -0.01	164.16 -27.17 0.01	163.77 -31.73 9.22	144.86 -29.13 13.92	132.32 -28.05 17.16	119.77 -20.62 -2.02	129.27 -19.32 0.00	124.37 -16.24 -0.61
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	144.30 9.08 -21.65	142.75 9.01 -19.72	139.11 8.78 -16.31	139.61 8.82 -16.30	144.30 8.94 -20.76	150.60 10.71 -0.75	162.23 10.70 -8.81	181.90 10.47 -28.04	177.02 12.21 -8.28	160.19 11.24 -16.76	152.16 11.11 -18.98	150.74 11.67 -12.23	146.79 10.18 -22.23	142.77 9.96 -20.85	145.33 10.07 -23.42	150.21 10.69 -23.32	164.13 13.13 -0.13	207.06 14.73 -1.00	219.67 14.94 0.00	202.37 14.47 0.00	190.49 12.96 0.00	161.10 11.48 -11.25	161.29 11.89 -0.81	159.56 11.34 -8.23
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	145.21 9.99 -21.65	143.66 9.92 -19.72	140.14 9.81 -16.31	140.64 9.85 -16.30	145.33 9.97 -20.76	151.86 11.97 -0.75	163.51 11.99 -8.81	183.19 11.76 -28.04	178.27 13.46 -8.28	161.25 12.29 -16.76	153.14 12.09 -18.98	151.75 12.68 -12.23	147.59 10.98 -22.23	143.55 10.75 -20.85	146.11 10.85 -23.42	150.90 11.39 -23.32	165.18 14.18 -0.13	208.59 16.26 -1.00	221.30 16.58 0.00	203.69 15.78 0.00	191.91 14.38 0.00	162.20 12.59 -11.25	162.47 13.08 -0.81	160.82 12.60 -8.23
PATROON__115KV_TB1 80586	144.89 4.66 -26.68	142.87 4.56 -24.29	139.01 4.90 -20.09	139.38 4.81 -20.08	144.88 4.70 -25.58	149.15 5.84 -4.16	182.03 5.71 -33.60	229.76 5.16 -81.21	220.48 6.10 -57.84	179.25 5.29 -41.77	150.47 5.01 -23.38	147.10 5.20 -15.06	146.35 4.58 -27.39	142.13 4.48 -25.69	145.07 4.36 -28.86	148.88 3.95 -28.73	156.26 4.98 -0.41	203.66 5.36 -6.97	210.04 5.32 0.00	192.98 5.07 0.00	182.14 4.62 0.00	177.44 4.29 -34.79	158.96 4.75 -5.62	160.42 5.32 -15.11
PATTRSNVILLE__SOLAR 323815	147.45 5.79 -28.10	145.31 5.70 -25.59	140.89 5.70 -21.17	141.48 5.84 -21.16	147.50 5.96 -26.95	153.25 7.37 -6.73	202.38 7.84 -51.82	271.53 7.59 -120.55	261.64 8.45 -96.67	198.73 7.00 -59.53	152.94 6.22 -24.64	148.93 6.21 -15.87	148.96 5.72 -28.87	144.52 5.48 -27.07	147.73 5.48 -30.41	152.40 5.92 -30.28	159.78 8.29 -0.62	213.11 10.13 -11.64	215.16 10.44 0.00	197.86 9.95 0.00	186.58 9.05 0.00	198.14 7.74 -52.03	166.14 8.17 -9.39	166.92 7.28 -19.65
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	106.20 -11.47 -4.11	106.36 -11.40 -3.75	105.72 -11.40 -3.10	106.48 -11.11 -3.10	107.43 -11.12 -3.94	127.21 -11.97 -0.03	129.01 -14.13 -0.42	130.42 -14.63 -1.66	139.55 -10.17 6.80	123.26 -8.73 0.22	115.87 -7.69 -1.48	120.18 -7.61 -0.95	106.49 -7.78 0.11	104.97 -8.62 -1.63	105.80 -7.49 -1.45	110.94 -7.09 -1.83	141.22 -9.66 -0.01	177.55 -13.78 0.01	179.23 -14.54 10.96	157.97 -13.34 16.59	143.63 -13.49 20.41	131.05 -9.55 -2.23	138.48 -10.10 0.00	128.56 -12.04 -0.60
PAWLING_115_KV_BK3_REV_LBMP_H 345028	143.72 8.29 -21.87	142.26 8.32 -19.92	138.59 8.10 -16.47	139.08 8.13 -16.47	143.94 8.37 -20.97	150.06 10.16 -0.76	162.83 11.13 -8.98	183.47 11.61 -28.47	178.42 13.46 -8.43	160.78 11.63 -16.94	152.11 10.86 -19.17	150.60 11.42 -12.35	147.01 10.18 -22.45	142.87 9.85 -21.06	145.23 9.73 -23.65	150.09 10.34 -23.55	164.28 13.28 -0.14	207.85 15.50 -1.02	220.89 16.17 0.00	202.94 15.03 0.00	191.20 13.67 0.00	161.65 11.90 -11.39	161.74 12.33 -0.82	158.95 10.64 -8.31
PEEKSKILL____ 23653	142.03 7.04 -21.42	140.49 6.96 -19.51	136.88 6.73 -16.14	137.37 6.75 -16.13	142.02 6.88 -20.54	148.08 8.21 -0.73	160.43 9.00 -8.72	180.45 9.31 -27.75	175.67 10.95 -8.19	158.42 9.65 -16.57	150.12 9.27 -18.77	148.70 9.77 -12.09	145.18 8.81 -21.99	141.09 8.50 -20.63	143.51 8.50 -23.17	148.22 8.95 -23.07	161.71 10.71 -0.13	204.19 11.87 -0.99	216.59 11.87 0.00	199.37 11.46 0.00	188.00 10.47 0.00	159.18 9.68 -11.13	159.34 9.96 -0.80	156.96 8.83 -8.13

PGE MADISON___WINDPWR 24146	127.69 7.16 -6.97	127.77 7.41 -6.35	126.46 7.19 -5.25	126.84 7.10 -5.25	128.73 7.44 -6.68	149.89 10.30 -0.45	160.38 12.56 -5.11	171.56 12.76 -15.42	199.45 21.61 -21.32	163.67 16.12 -15.34	146.31 13.79 -10.44	146.77 13.19 -6.74	141.27 10.98 -15.91	133.39 9.96 -11.47	135.89 10.40 -13.64	141.80 12.78 -12.82	170.15 19.16 -0.12	219.27 26.98 -0.95	257.93 29.67 -23.54	247.32 26.11 -33.30	241.90 23.61 -40.76	163.53 18.55 -6.62	169.11 19.76 -0.75	162.73 17.92 -4.81
PIERCEFIELD___HYD 23852	112.47 -1.48 -0.39	112.55 -1.82 -0.35	112.48 -1.82 -0.29	112.49 -2.29 -0.29	112.56 -2.41 -0.37	136.09 -3.06 0.00	139.81 -3.00 -0.09	143.03 -0.72 -0.35	153.24 -3.29 0.00	128.99 -3.30 -0.10	119.24 -3.17 -0.34	123.51 -3.55 -0.22	112.83 -1.94 -0.40	110.54 -1.79 -0.37	109.92 -2.35 -0.42	112.20 -4.42 -0.42	144.38 -6.49 0.00	187.70 -3.64 0.00	202.06 -2.66 0.00	184.71 -3.19 0.00	174.86 -2.66 0.00	133.80 -4.57 0.00	143.68 -4.90 0.00	136.77 -3.36 -0.13
PINELAWN_CC_1 323563	147.17 10.33 -23.27	147.18 10.27 -22.90	144.84 10.14 -20.67	144.63 10.08 -20.06	147.29 10.32 -22.37	151.99 11.82 -1.02	176.85 13.12 -21.02	198.19 13.63 -41.17	180.96 15.65 -8.78	162.29 13.35 -16.74	153.73 12.70 -18.96	152.12 13.07 -12.21	148.71 12.12 -22.21	147.28 11.75 -23.57	149.77 11.85 -26.07	153.93 12.55 -25.18	169.60 15.23 -3.50	220.45 18.19 -10.93	231.22 18.63 -7.87	219.14 17.48 -13.76	206.33 15.98 -12.82	190.84 13.84 -38.64	175.43 14.41 -12.43	165.28 13.02 -12.26
PJM_GEN_HTP_PROXY 323702	143.27 8.06 -21.64	141.59 7.86 -19.71	138.08 7.76 -16.30	138.45 7.67 -16.29	143.25 7.90 -20.75	149.21 9.32 -0.74	161.94 10.41 -8.81	182.18 10.76 -28.04	177.64 12.84 -8.28	160.31 11.37 -16.74	151.79 10.75 -18.97	150.34 11.28 -12.22	146.89 10.30 -22.22	142.76 9.96 -20.84	145.20 9.95 -23.40	149.57 10.46 -22.91	163.61 12.21 -0.53	205.92 13.59 -1.00	218.23 13.51 0.00	201.06 13.15 0.00	189.60 12.08 0.00	160.68 11.07 -11.24	160.68 11.29 -0.80	158.30 10.09 -8.22
PJM_GEN_KEystone 24065	77.55 -1.48 34.53	74.63 -1.49 37.90	73.62 -1.60 38.80	76.35 -1.49 36.65	81.98 -1.37 31.25	91.74 -1.95 45.46	122.36 -2.00 18.36	127.00 -2.73 13.66	112.12 -1.09 43.32	96.07 -0.79 35.34	101.74 -0.61 19.73	83.94 -0.38 42.52	80.61 -0.57 33.20	78.20 -0.90 32.86	76.68 -0.56 34.61	77.39 -0.35 38.46	87.32 -0.90 62.65	116.06 -2.10 73.17	134.22 -2.87 67.63	136.32 -2.63 48.96	131.48 -3.02 43.03	101.78 -1.11 35.47	96.78 -1.03 50.77	87.49 -1.54 50.97
PJM_GEN_NEPTUNE_PROXY 323594	144.95 8.86 -22.52	144.11 8.66 -21.43	141.24 8.56 -18.67	141.29 8.47 -18.33	144.93 8.71 -21.63	150.06 10.02 -0.89	169.27 11.14 -15.41	190.01 11.48 -35.14	178.54 13.46 -8.55	160.58 11.64 -16.74	152.15 11.11 -18.96	150.60 11.54 -12.21	147.23 10.64 -22.21	144.56 10.29 -22.31	146.97 10.28 -24.84	150.93 10.81 -23.92	166.20 12.98 -2.35	212.44 14.73 -6.37	223.73 14.75 -4.26	209.62 14.27 -7.44	197.60 13.14 -6.94	176.19 11.75 -26.07	167.87 12.19 -7.10	161.33 10.93 -10.40
PJM_GEN_VFT_PROXY 323633	125.30 7.38 -4.36	124.40 7.19 -3.19	124.40 6.96 -3.42	124.40 6.98 -2.93	126.29 7.11 -4.58	124.40 8.49 23.23	124.40 9.56 27.88	129.93 9.89 23.34	125.31 11.89 43.11	124.40 10.58 18.38	124.40 10.01 7.69	124.40 10.66 13.10	124.40 9.61 -0.41	124.40 9.29 -3.16	124.40 9.28 -3.27	124.00 9.76 1.96	124.80 11.32 37.39	93.97 12.43 109.79	82.20 12.28 134.80	87.60 12.04 112.35	124.40 11.01 64.14	124.40 10.24 24.21	124.40 10.40 34.58	124.40 9.24 24.83
PLATSBURG_115KV_PMLD1 355749	113.11 -0.45 0.00	113.33 -0.68 0.00	113.56 -0.46 0.00	113.92 -0.57 0.00	113.91 -0.69 0.00	138.59 -0.56 0.00	140.57 -2.14 0.00	142.10 -1.29 0.00	154.18 -2.35 0.00	129.82 -2.38 0.00	119.63 -2.44 0.00	124.05 -2.79 0.00	112.55 -1.83 0.00	110.17 -1.79 0.00	110.17 -1.68 0.00	113.99 -2.21 0.00	148.00 -2.87 0.00	190.38 -0.96 0.00	204.93 0.20 0.00	187.34 -0.56 0.00	177.35 -0.18 0.00	136.71 -1.66 0.00	146.36 -2.23 0.00	138.04 -1.96 0.00
PLEASANTVLY___LBMP 24000	142.81 6.70 -22.55	141.17 6.61 -20.54	137.50 6.50 -16.99	137.99 6.53 -16.98	142.87 6.65 -21.62	147.85 7.93 -0.77	160.22 8.28 -9.23	181.18 8.46 -29.33	175.14 9.86 -8.75	158.56 8.86 -17.50	150.14 8.30 -19.76	148.32 8.75 -12.73	145.42 7.89 -23.15	141.40 7.73 -21.71	143.84 7.61 -24.39	148.62 8.13 -24.29	161.12 10.11 -0.14	203.68 11.29 -1.05	215.98 11.26 0.00	198.80 10.90 0.00	187.47 9.94 0.00	159.13 8.99 -11.77	158.80 9.36 -0.85	156.83 8.26 -8.58
PLSNTVLE_13_KV_13.8KVDIST 80602	142.86 7.49 -21.80	141.28 7.41 -19.85	137.62 7.18 -16.42	138.12 7.21 -16.41	142.84 7.33 -20.90	148.79 8.91 -0.74	161.00 9.42 -8.87	181.52 9.89 -28.23	176.28 11.43 -8.33	159.24 10.18 -16.86	150.70 9.52 -19.11	149.30 10.15 -12.31	145.91 9.15 -22.38	141.91 8.96 -20.99	144.26 8.84 -23.58	148.97 9.30 -23.48	162.62 11.62 -0.13	205.54 13.20 -1.00	218.23 13.51 0.00	200.68 12.78 0.00	189.24 11.72 0.00	159.93 10.24 -11.32	160.09 10.70 -0.81	157.65 9.38 -8.28
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I 345020	142.86 7.49 -21.80	141.28 7.41 -19.85	137.62 7.18 -16.42	138.12 7.21 -16.41	142.84 7.33 -20.90	148.79 8.91 -0.74	161.00 9.42 -8.87	181.52 9.89 -28.23	176.28 11.43 -8.33	159.24 10.18 -16.86	150.70 9.52 -19.11	149.30 10.15 -12.31	145.91 9.15 -22.38	141.91 8.96 -20.99	144.26 8.84 -23.58	148.97 9.30 -23.48	162.62 11.62 -0.13	205.54 13.20 -1.00	218.23 13.51 0.00	200.68 12.78 0.00	189.24 11.72 0.00	159.93 10.24 -11.32	160.09 10.70 -0.81	157.65 9.38 -8.28
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	143.17 7.49 -22.12	141.57 7.41 -20.14	137.97 7.30 -16.66	138.58 7.44 -16.65	143.26 7.45 -21.21	149.14 9.18 -0.81	161.82 9.70 -9.40	182.87 10.04 -29.44	176.79 11.74 -8.52	159.59 10.31 -17.08	150.98 9.52 -19.38	149.35 10.02 -12.49	146.01 8.92 -22.71	141.98 8.73 -21.29	144.49 8.72 -23.92	149.31 9.30 -23.82	162.92 11.92 -0.14	206.33 13.97 -1.03	219.26 14.54 0.00	201.44 13.53 0.00	189.95 12.43 0.00	160.62 10.79 -11.46	160.56 11.14 -0.83	158.06 9.66 -8.40
POLETTI_____ 23519	143.49 8.29 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.52 9.99 -8.81	181.89 10.47 -28.04	177.17 12.37 -8.28	160.05 11.10 -16.75	151.66 10.62 -18.97	150.35 11.29 -12.22	146.66 10.07 -22.22	142.65 9.85 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.22 12.22 -0.13	206.30 13.97 -1.00	218.85 14.13 0.00	201.25 13.34 0.00	189.78 12.25 0.00	160.40 10.79 -11.25	160.53 11.14 -0.80	158.43 10.22 -8.22
POMONA___ESR 323819	141.25 6.81 -20.88	139.64 6.61 -19.01	136.24 6.50 -15.73	136.73 6.52 -15.72	141.26 6.64 -20.02	147.78 7.93 -0.71	159.91 8.71 -8.49	179.44 9.04 -27.01	175.13 10.65 -7.95	157.73 9.39 -16.14	149.28 8.91 -18.30	148.01 9.39 -11.79	144.28 8.46 -21.43	140.23 8.17 -20.10	142.59 8.16 -22.58	147.40 8.72 -22.48	161.40 10.40 -0.13	203.77 11.48 -0.96	216.18 11.46 0.00	198.99 11.08 0.00	187.82 10.29 0.00	158.61 9.41 -10.84	159.01 9.65 -0.77	156.46 8.54 -7.92
PORT_JEFF_3 23555	147.97 11.14 -23.27	147.97 11.06 -22.90	145.53 10.84 -20.67	145.44 10.88 -20.06	148.09 11.11 -22.37	153.15 12.94 -1.06	177.90 14.13 -21.06	198.94 14.34 -41.21	181.93 16.58 -8.82	162.82 13.88 -16.74	154.11 13.07 -18.96	152.37 13.31 -12.21	149.06 12.47 -22.21	147.62 12.10 -23.57	150.11 12.19 -26.07	153.82 12.44 -25.18	168.24 13.87 -3.50	218.73 16.46 -10.93	229.17 16.58 -7.87	217.62 15.96 -13.76	204.90 14.56 -12.82	189.60 12.59 -38.64	174.24 13.22 -12.43	164.43 12.17 -12.26

PORT_JEFF_4 23616	147.97 11.14 -23.27	147.97 11.06 -22.90	145.53 10.84 -20.67	145.44 10.88 -20.06	148.09 11.11 -22.37	153.15 12.94 -1.06	177.90 14.13 -21.06	198.94 14.34 -41.21	181.93 16.58 -8.82	162.82 13.88 -16.74	154.11 13.07 -18.96	152.37 13.31 -12.21	149.06 12.47 -22.21	147.62 12.10 -23.57	150.11 12.19 -26.07	153.82 12.44 -25.18	168.24 13.87 -3.50	218.73 16.46 -10.93	229.17 16.58 -7.87	217.62 15.96 -13.76	204.90 14.56 -12.82	189.60 12.59 -38.64	174.24 13.22 -12.43	164.43 12.17 -12.26
PORT_JEFF_IC 23713	148.08 11.24 -23.27	148.09 11.17 -22.90	145.64 10.95 -20.67	145.54 10.99 -20.06	148.09 11.12 -22.37	153.71 13.50 -1.06	177.76 13.99 -21.06	199.09 14.48 -41.22	181.79 16.44 -8.82	162.95 14.01 -16.74	153.98 12.94 -18.96	152.37 13.32 -12.21	148.72 12.12 -22.22	147.62 12.09 -23.57	150.00 12.08 -26.07	153.81 12.43 -25.18	169.01 14.63 -3.50	220.06 17.79 -10.93	230.81 18.22 -7.87	218.95 17.29 -13.76	205.97 15.62 -12.82	190.01 13.01 -38.64	174.84 13.82 -12.43	165.00 12.74 -12.26
PPL PILGRIM_ST_GT1 24216	148.30 11.46 -23.27	148.32 11.40 -22.90	145.87 11.18 -20.67	145.78 11.23 -20.06	148.43 11.46 -22.37	152.96 12.79 -1.02	177.57 13.84 -21.02	199.61 15.05 -41.17	181.90 16.58 -8.79	163.48 14.54 -16.74	154.59 13.55 -18.96	153.01 13.95 -12.21	149.51 12.92 -22.21	148.17 12.65 -23.57	150.55 12.63 -26.07	154.85 13.47 -25.18	170.82 16.45 -3.50	221.98 19.71 -10.93	232.86 20.27 -7.87	220.84 19.18 -13.76	207.75 17.41 -12.82	191.95 14.95 -38.64	176.62 15.60 -12.43	166.55 14.29 -12.26
PPL PILGRIM_ST_GT2 24217	148.30 11.46 -23.27	148.32 11.40 -22.90	145.87 11.18 -20.67	145.78 11.23 -20.06	148.43 11.46 -22.37	152.96 12.79 -1.02	177.57 13.84 -21.02	199.61 15.05 -41.17	181.90 16.58 -8.79	163.48 14.54 -16.74	154.59 13.55 -18.96	153.01 13.95 -12.21	149.51 12.92 -22.21	148.17 12.65 -23.57	150.55 12.63 -26.07	154.85 13.47 -25.18	170.82 16.45 -3.50	221.98 19.71 -10.93	232.86 20.27 -7.87	220.84 19.18 -13.76	207.75 17.41 -12.82	191.95 14.95 -38.64	176.62 15.60 -12.43	166.55 14.29 -12.26
PPL_SHRM_GT3 24213	148.99 12.16 -23.27	148.88 11.97 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.37 15.77 -41.21	183.50 18.15 -8.82	163.87 14.93 -16.74	154.83 13.79 -18.96	153.01 13.95 -12.21	149.63 13.03 -22.21	148.06 12.54 -23.57	150.66 12.75 -26.07	154.97 13.59 -25.18	170.97 16.60 -3.50	222.75 20.48 -10.93	233.06 20.47 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.37 16.34 -12.43	167.25 14.99 -12.26
PPL_SHRM_GT4 24214	148.99 12.16 -23.27	148.88 11.97 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.37 15.77 -41.21	183.50 18.15 -8.82	163.87 14.93 -16.74	154.83 13.79 -18.96	153.01 13.95 -12.21	149.63 13.03 -22.21	148.06 12.54 -23.57	150.66 12.75 -26.07	154.97 13.59 -25.18	170.97 16.60 -3.50	222.75 20.48 -10.93	233.06 20.47 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.37 16.34 -12.43	167.25 14.99 -12.26
PROJECT___ORANGE 1 24174	113.69 -2.27 -2.40	114.04 -2.17 -2.19	113.66 -2.17 -1.81	114.12 -2.18 -1.81	114.84 -2.06 -2.30	136.80 -2.37 -0.02	141.26 -2.00 -0.55	143.31 -2.29 -2.21	153.87 -2.66 0.00	130.42 -2.38 -0.60	121.86 -2.32 -2.10	125.79 -2.41 -1.35	114.32 -2.52 -2.46	111.69 -2.58 -2.31	111.76 -2.68 -2.59	116.46 -2.32 -2.58	148.15 -2.72 0.00	188.08 -3.25 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.76 -2.82 0.00	138.15 -2.66 -0.81
PROJECT___ORANGE 2 24166	113.69 -2.27 -2.40	114.04 -2.17 -2.19	113.66 -2.17 -1.81	114.12 -2.18 -1.81	114.84 -2.06 -2.30	136.80 -2.37 -0.02	141.26 -2.00 -0.55	143.31 -2.29 -2.21	153.87 -2.66 0.00	130.42 -2.38 -0.60	121.86 -2.32 -2.10	125.79 -2.41 -1.35	114.32 -2.52 -2.46	111.69 -2.58 -2.31	111.76 -2.68 -2.59	116.46 -2.32 -2.58	148.15 -2.72 0.00	188.08 -3.25 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.76 -2.82 0.00	138.15 -2.66 -0.81
PUCKETT___SOLAR 323809	122.23 1.25 -7.41	122.25 1.48 -6.75	120.98 1.37 -5.58	121.56 1.48 -5.58	123.20 1.49 -7.11	141.75 2.22 -0.39	149.84 3.14 -3.99	158.17 3.15 -11.63	197.43 22.22 -18.69	163.12 16.26 -14.67	145.58 13.67 -9.84	146.13 12.94 -6.35	139.15 10.87 -13.91	132.84 10.08 -10.81	134.99 10.51 -12.63	141.52 13.24 -12.08	170.90 19.91 -0.12	220.68 28.14 -1.20	250.79 30.70 -15.37	236.73 27.24 -21.59	228.61 24.67 -26.42	165.84 19.37 -8.11	170.06 20.51 -0.96	163.29 18.48 -4.81
PYRITES___HYD 24023	114.37 0.45 -0.36	114.46 0.11 -0.33	114.29 0.00 -0.27	114.42 -0.34 -0.27	114.60 -0.34 -0.34	138.87 -0.28 0.00	142.65 -0.14 -0.08	145.87 2.15 -0.33	156.21 -0.31 0.00	131.36 -0.93 -0.09	121.29 -1.10 -0.32	125.52 -1.52 -0.20	114.52 -0.23 -0.37	112.30 0.00 -0.35	111.90 -0.34 -0.39	114.49 -2.09 -0.39	148.00 -2.87 0.00	192.67 1.34 0.00	207.38 2.66 0.00	189.41 1.50 0.00	179.30 1.78 0.00	136.84 -1.52 0.00	146.95 -1.63 0.00	139.56 -0.56 -0.12
QUAKERRD_115KV_BK1 80622	109.90 -6.70 -3.04	110.06 -6.73 -2.76	109.69 -6.61 -2.29	110.25 -6.53 -2.29	111.09 -6.42 -2.91	130.82 -8.35 -0.03	134.16 -8.99 -0.44	135.11 -10.04 -1.75	141.26 -11.90 3.37	122.43 -10.44 -0.68	114.06 -9.64 -1.63	117.87 -10.02 -1.05	105.77 -9.61 -1.00	104.35 -9.40 -1.79	104.17 -9.51 -1.83	108.91 -9.30 -2.01	139.26 -11.62 -0.01	177.36 -13.97 0.00	183.20 -15.97 5.55	164.57 -15.03 8.30	152.46 -14.91 10.16	128.77 -11.21 -1.61	137.74 -10.85 0.00	131.54 -9.10 -0.65
QUENSBRY_115KV_TB8 356137	151.24 10.33 -27.35	149.07 10.15 -24.91	144.77 10.15 -20.60	145.38 10.30 -20.59	151.48 10.66 -26.22	158.83 13.36 -6.32	205.54 13.99 -48.83	271.82 13.77 -114.67	263.70 15.81 -91.36	202.48 13.22 -57.06	158.14 12.09 -23.98	154.21 11.92 -15.44	152.76 10.29 -28.09	148.15 9.85 -26.34	151.05 9.62 -29.59	156.35 10.69 -29.46	166.24 14.78 -0.59	221.47 19.13 -11.00	224.78 20.06 0.00	206.32 18.41 0.00	194.39 16.86 0.00	201.69 13.56 -49.77	171.87 14.41 -8.87	171.99 13.16 -18.83
RAMAPO___LBMP 323565	140.73 6.36 -20.81	139.24 6.27 -18.95	135.74 6.04 -15.68	136.23 6.07 -15.67	140.74 6.19 -19.96	147.37 7.51 -0.71	159.02 7.85 -8.46	178.62 8.32 -26.92	174.15 9.70 -7.92	157.01 8.73 -16.09	148.49 8.18 -18.24	147.34 8.75 -11.75	143.52 7.78 -21.37	139.61 7.61 -20.04	141.96 7.61 -22.51	146.63 8.02 -22.41	160.95 9.96 -0.13	203.58 11.29 -0.95	215.98 11.26 0.00	198.62 10.71 0.00	187.47 9.94 0.00	157.88 8.72 -10.80	158.42 9.06 -0.77	155.87 7.98 -7.90
RANKINE____ 23646	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.91 -9.62 -3.04	108.73 -9.74 -3.87	127.63 -11.55 -0.03	129.29 -13.84 -0.42	129.54 -15.49 -1.63	135.49 -14.40 6.63	119.84 -12.16 0.20	112.68 -10.86 -1.47	116.74 -11.04 -0.94	103.43 -10.87 0.08	102.49 -11.08 -1.61	102.77 -10.51 -1.43	107.78 -10.23 -1.81	136.99 -13.88 -0.01	173.53 -17.79 0.01	173.97 -20.06 10.69	153.35 -18.41 16.14	139.36 -18.29 19.88	127.40 -13.14 -2.18	135.81 -12.78 0.00	128.41 -12.18 -0.60
RAVENSWOOD_GT2_1 24244	143.50 8.29 -21.65	141.83 8.10 -19.71	138.08 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.18 11.24 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.67 10.07 -22.22	142.65 9.85 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.31 12.78 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.44 10.22 -8.22

RAVENSWOOD_GT2_2 24245	143.50 8.29 -21.65	141.83 8.10 -19.71	138.08 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.18 11.24 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.67 10.07 -22.22	142.65 9.85 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.31 12.78 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.44 10.22 -8.22
RAVENSWOOD_GT2_3 24246	143.50 8.29 -21.65	141.83 8.10 -19.71	138.19 7.87 -16.30	138.69 7.90 -16.30	143.38 8.02 -20.75	149.62 9.74 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.32 11.37 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.78 10.18 -22.22	142.76 9.96 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.67 12.67 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.68 11.07 -11.25	160.98 11.59 -0.80	158.58 10.36 -8.22
RAVENSWOOD_GT2_4 24247	143.50 8.29 -21.65	141.83 8.10 -19.71	138.19 7.87 -16.30	138.69 7.90 -16.30	143.38 8.02 -20.75	149.62 9.74 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.32 11.37 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.78 10.18 -22.22	142.76 9.96 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.67 12.67 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.68 11.07 -11.25	160.98 11.59 -0.80	158.58 10.36 -8.22
RAVENSWOOD_GT3_1 24248	143.50 8.29 -21.65	141.83 8.10 -19.71	138.08 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.18 11.24 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.67 10.07 -22.22	142.65 9.85 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.67 12.67 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.31 12.78 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.44 10.22 -8.22
RAVENSWOOD_GT3_2 24249	143.50 8.29 -21.65	141.83 8.10 -19.71	138.08 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	160.18 11.24 -16.75	151.67 10.62 -18.97	150.35 11.29 -12.22	146.67 10.07 -22.22	142.65 9.85 -20.84	145.10 9.84 -23.41	149.85 10.34 -23.31	163.67 12.67 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.31 12.78 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.44 10.22 -8.22
RAVENSWOOD_GT3_3 24250	143.61 8.40 -21.65	141.94 8.21 -19.71	138.19 7.87 -16.30	138.69 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.18 10.75 -28.04	177.49 12.68 -8.28	160.31 11.37 -16.75	151.91 10.86 -18.97	150.60 11.54 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.21 9.95 -23.41	149.97 10.46 -23.31	163.82 12.82 -0.13	207.06 14.73 -1.00	219.46 14.74 0.00	202.00 14.09 0.00	190.49 12.96 0.00	160.82 11.21 -11.25	161.13 11.74 -0.80	158.72 10.50 -8.22
RAVENSWOOD_GT3_4 24251	143.61 8.40 -21.65	141.94 8.21 -19.71	138.19 7.87 -16.30	138.69 7.90 -16.30	143.49 8.14 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.18 10.75 -28.04	177.49 12.68 -8.28	160.31 11.37 -16.75	151.91 10.86 -18.97	150.60 11.54 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.21 9.95 -23.41	149.97 10.46 -23.31	163.82 12.82 -0.13	207.06 14.73 -1.00	219.46 14.74 0.00	202.00 14.09 0.00	190.49 12.96 0.00	160.82 11.21 -11.25	161.13 11.74 -0.80	158.72 10.50 -8.22
RAVENSWOOD_GT_1 23729	144.07 8.86 -21.65	142.41 8.67 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.31	143.96 8.60 -20.76	150.33 10.44 -0.75	162.37 10.85 -8.81	208.07 11.18 -53.50	203.42 13.15 -33.74	192.30 12.03 -48.07	161.82 11.35 -28.40	165.67 12.05 -26.78	156.09 10.75 -30.96	157.68 10.52 -35.20	145.79 10.51 -23.43	154.66 10.92 -27.54	195.01 13.43 -30.71	233.10 15.31 -26.46	245.74 15.56 -25.46	229.36 14.84 -26.61	217.63 13.49 -26.61	185.15 11.62 -35.16	161.73 12.33 -0.81	159.28 11.06 -8.23
RAVENSWOOD_GT_10 24258	143.38 8.18 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	159.74 11.24 -16.31	151.67 10.62 -18.97	150.35 11.29 -12.22	146.44 10.18 -21.89	141.99 9.96 -20.07	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.43 10.22 -8.22
RAVENSWOOD_GT_11 24259	143.38 8.18 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	159.74 11.24 -16.31	151.67 10.62 -18.97	150.35 11.29 -12.22	146.44 10.18 -21.89	141.99 9.96 -20.07	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.43 10.22 -8.22
RAVENSWOOD_GT_4 24252	143.38 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.45 7.67 -16.29	143.26 7.91 -20.75	149.34 9.46 -0.73	161.52 9.99 -8.81	200.89 10.47 -47.04	196.17 12.37 -27.28	177.37 11.10 -34.07	158.57 10.50 -25.99	161.07 11.16 -23.07	148.43 9.95 -24.10	142.54 9.74 -20.85	144.99 9.73 -23.41	152.88 10.23 -26.45	186.34 12.52 -22.95	225.49 14.16 -19.99	238.05 14.33 -19.00	221.29 13.53 -19.86	209.99 12.60 -19.86	178.25 10.79 -29.09	160.68 11.29 -0.80	158.29 10.08 -8.21
RAVENSWOOD_GT_5 24254	143.38 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.45 7.67 -16.29	143.26 7.91 -20.75	149.34 9.46 -0.73	161.52 9.99 -8.81	200.89 10.47 -47.04	196.17 12.37 -27.28	177.37 11.10 -34.07	158.57 10.50 -25.99	161.07 11.16 -23.07	148.43 9.95 -24.10	142.54 9.74 -20.85	144.99 9.73 -23.41	152.88 10.23 -26.45	186.34 12.52 -22.95	225.49 14.16 -19.99	238.05 14.33 -19.00	221.29 13.53 -19.86	209.99 12.60 -19.86	178.25 10.79 -29.09	160.68 11.29 -0.80	158.29 10.08 -8.21
RAVENSWOOD_GT_6 24253	143.38 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.45 7.67 -16.29	143.26 7.91 -20.75	149.34 9.46 -0.73	161.52 9.99 -8.81	200.89 10.47 -47.04	196.17 12.37 -27.28	177.37 11.10 -34.07	158.57 10.50 -25.99	161.07 11.16 -23.07	148.43 9.95 -24.10	142.54 9.74 -20.85	144.99 9.73 -23.41	152.88 10.23 -26.45	186.34 12.52 -22.95	225.49 14.16 -19.99	238.05 14.33 -19.00	221.29 13.53 -19.86	209.99 12.60 -19.86	178.25 10.79 -29.09	160.68 11.29 -0.80	158.29 10.08 -8.21
RAVENSWOOD_GT_7 24255	143.38 8.18 -21.64	141.71 7.98 -19.71	137.96 7.64 -16.30	138.45 7.67 -16.29	143.26 7.91 -20.75	149.34 9.46 -0.73	161.52 9.99 -8.81	200.89 10.47 -47.04	196.17 12.37 -27.28	177.37 11.10 -34.07	158.57 10.50 -25.99	161.07 11.16 -23.07	148.43 9.95 -24.10	142.54 9.74 -20.85	144.99 9.73 -23.41	152.88 10.23 -26.45	186.34 12.52 -22.95	225.49 14.16 -19.99	238.05 14.33 -19.00	221.29 13.53 -19.86	209.99 12.60 -19.86	178.25 10.79 -29.09	160.68 11.29 -0.80	158.29 10.08 -8.21
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	143.38 8.18 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	159.74 11.24 -16.31	151.67 10.62 -18.97	150.35 11.29 -12.22	146.44 10.18 -21.89	141.99 9.96 -20.07	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.43 10.22 -8.22

RAVENSWOOD_GT_9 24257	143.38 8.18 -21.64	141.83 8.10 -19.71	138.07 7.75 -16.30	138.57 7.79 -16.30	143.38 8.02 -20.75	149.48 9.60 -0.74	161.66 10.13 -8.81	182.04 10.61 -28.04	177.33 12.52 -8.28	159.74 11.24 -16.31	151.67 10.62 -18.97	150.35 11.29 -12.22	146.44 10.18 -21.89	141.99 9.96 -20.07	145.10 9.84 -23.41	149.85 10.34 -23.31	163.52 12.52 -0.13	206.68 14.35 -1.00	219.26 14.54 0.00	201.62 13.72 0.00	190.13 12.60 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.43 10.22 -8.22
RAVENSWOOD___1 23533	144.08 8.86 -21.65	142.40 8.66 -19.72	138.77 8.44 -16.31	139.15 8.35 -16.30	143.96 8.60 -20.76	150.04 10.15 -0.75	162.80 11.27 -8.81	182.75 11.33 -28.04	178.42 13.61 -8.28	165.13 12.15 -20.78	152.52 11.47 -18.98	151.12 12.06 -12.23	150.56 10.87 -25.31	150.57 10.64 -27.97	145.89 10.63 -23.41	150.67 11.16 -23.32	164.12 13.12 -0.13	207.07 14.73 -1.00	219.47 14.75 0.00	202.01 14.10 0.00	190.48 12.95 0.00	161.51 11.90 -11.25	161.59 12.19 -0.81	159.15 10.93 -8.23
RAVENSWOOD___2 23534	143.96 8.74 -21.65	142.30 8.56 -19.72	138.77 8.44 -16.31	139.15 8.35 -16.30	143.84 8.48 -20.76	150.04 10.15 -0.75	162.67 11.14 -8.81	182.62 11.19 -28.04	178.42 13.61 -8.28	165.12 12.15 -20.76	152.52 11.47 -18.98	151.12 12.06 -12.23	150.55 10.87 -25.30	150.54 10.64 -27.94	145.77 10.51 -23.41	150.56 11.04 -23.32	164.12 13.12 -0.13	206.87 14.53 -1.00	219.47 14.75 0.00	202.01 14.10 0.00	190.48 12.95 0.00	161.51 11.90 -11.25	161.59 12.19 -0.81	159.15 10.93 -8.23
RAVENSWOOD___3 23535	143.49 8.29 -21.65	141.83 8.10 -19.71	138.18 7.86 -16.30	138.57 7.79 -16.30	143.37 8.02 -20.75	149.35 9.47 -0.74	162.09 10.56 -8.81	182.19 10.76 -28.04	177.79 12.98 -8.28	160.44 11.50 -16.75	151.91 10.86 -18.97	150.48 11.42 -12.22	146.90 10.30 -22.22	142.88 10.08 -20.84	145.32 10.07 -23.41	150.08 10.57 -23.31	163.37 12.37 -0.13	206.12 13.78 -1.00	218.44 13.72 0.00	201.25 13.34 0.00	189.77 12.24 0.00	160.81 11.20 -11.25	160.83 11.44 -0.80	158.43 10.21 -8.22
RAVENSWOOD___4 23820	143.96 8.74 -21.65	142.29 8.56 -19.72	138.65 8.32 -16.31	139.15 8.35 -16.30	143.84 8.48 -20.76	149.91 10.02 -0.74	162.67 11.14 -8.81	157.59 11.19 -3.01	153.24 13.46 16.75	138.16 12.03 6.07	143.15 11.35 -9.72	136.82 12.06 2.08	145.00 10.87 -19.75	143.31 10.52 -20.83	145.76 10.51 -23.40	146.41 11.04 -19.17	134.06 13.12 29.93	181.84 14.53 24.03	194.23 14.54 25.03	175.85 14.10 26.16	164.16 12.79 26.16	138.00 11.90 12.27	161.58 12.19 -0.81	159.15 10.93 -8.22
RCPI_TRUST___DRP 24196	143.49 8.29 -21.64	141.82 8.10 -19.71	138.19 7.87 -16.30	138.68 7.90 -16.29	143.49 8.14 -20.75	149.62 9.74 -0.74	161.80 10.28 -8.81	182.18 10.75 -28.04	177.49 12.68 -8.28	160.31 11.37 -16.75	151.79 10.74 -18.97	150.47 11.42 -12.22	146.89 10.29 -22.22	142.87 10.08 -20.84	145.32 10.07 -23.41	149.96 10.46 -23.31	163.82 12.82 -0.13	206.87 14.54 -1.00	219.46 14.74 0.00	201.81 13.91 0.00	190.49 12.96 0.00	160.68 11.07 -11.24	160.98 11.59 -0.80	158.71 10.50 -8.22
RED___ROCHESTER 323720	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.72 -4.12 -2.35	113.58 -4.01 -2.99	133.88 -5.29 -0.03	136.44 -6.71 -0.43	137.64 -7.46 -1.71	143.21 -9.55 3.77	124.28 -8.46 -0.54	115.85 -7.82 -1.59	119.74 -8.12 -1.02	107.43 -7.78 -0.84	106.31 -7.39 -1.75	106.10 -7.49 -1.75	110.84 -7.32 -1.95	142.73 -8.15 -0.01	180.81 -10.52 0.00	187.89 -10.65 6.17	166.61 -12.03 9.26	153.95 -12.25 11.33	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
REGAN___SOLAR 323812	152.62 9.77 -29.29	150.38 9.69 -26.68	145.77 9.69 -22.06	146.39 9.85 -22.05	152.89 10.20 -28.09	158.12 12.66 -6.32	205.84 13.99 -49.13	272.47 13.63 -115.46	261.95 15.03 -90.39	200.77 11.90 -56.67	158.27 10.50 -25.69	153.66 10.27 -16.55	153.73 9.26 -30.10	149.03 8.84 -28.23	152.38 8.83 -31.70	157.41 9.64 -31.57	165.32 13.87 -0.58	220.98 18.76 -10.89	224.57 19.85 0.00	206.33 18.43 0.00	194.40 16.87 0.00	200.68 13.42 -48.90	171.63 14.27 -8.78	172.00 12.60 -19.40
RENSSELAER___COGEN 23796	143.94 3.97 -26.40	142.05 3.99 -24.04	138.00 4.10 -19.89	138.61 4.24 -19.88	144.04 4.12 -25.32	147.48 5.00 -3.34	175.22 4.70 -27.80	209.48 4.01 -62.09	199.79 4.69 -38.58	169.44 4.23 -33.01	149.08 3.91 -23.09	145.77 4.06 -14.88	144.98 3.55 -27.05	140.80 3.47 -25.37	143.82 3.47 -28.50	147.48 2.91 -28.38	154.95 3.77 -0.31	199.43 3.45 -4.65	207.80 3.08 0.00	191.10 3.19 0.00	180.54 3.02 0.00	167.60 3.04 -26.20	155.89 3.56 -3.75	157.32 4.34 -12.98
REPUBLIC_115KV_BARTNBRK 55605	155.31 14.42 -27.33	152.93 14.02 -24.89	148.74 14.14 -20.58	149.38 14.31 -20.58	155.59 14.78 -26.20	164.08 18.65 -6.29	211.00 19.69 -48.59	277.23 19.64 -114.20	269.97 22.54 -90.90	207.55 18.51 -56.85	162.76 16.72 -23.96	158.89 16.62 -15.43	156.51 14.07 -28.07	151.83 13.55 -26.32	154.61 13.20 -29.57	160.63 14.99 -29.44	172.73 21.27 -0.59	230.60 28.32 -10.95	234.61 29.89 0.00	215.15 27.25 0.00	202.20 24.68 0.00	206.75 18.82 -49.56	177.62 20.21 -8.83	177.12 18.34 -18.78
REVERE_CPDR_DRP 24186	119.37 4.54 -1.27	119.85 4.67 -1.15	119.53 4.56 -0.95	120.02 4.58 -0.95	120.63 4.81 -1.21	145.69 6.54 -0.01	150.57 7.56 -0.29	152.30 7.74 -1.17	165.29 8.77 0.00	139.26 6.74 -0.32	129.17 5.98 -1.11	133.52 5.96 -0.71	120.71 5.03 -1.30	117.77 4.59 -1.22	117.80 4.59 -1.37	122.79 5.23 -1.36	158.26 7.39 0.00	201.09 9.76 0.00	215.16 10.44 0.00	196.93 9.02 0.00	185.69 8.17 0.00	144.73 6.36 0.00	155.57 6.98 0.00	146.87 6.44 -0.43
REYNOLDS_115KV_TB3 80639	144.79 4.77 -26.46	142.90 4.79 -24.09	138.85 4.90 -19.93	139.33 4.92 -19.92	144.90 4.93 -25.37	148.87 5.98 -3.74	179.18 5.85 -30.62	229.10 6.02 -79.69	219.91 6.89 -56.50	179.35 6.08 -41.07	151.02 5.74 -23.21	147.75 5.96 -14.95	146.82 5.26 -27.19	142.60 5.15 -25.50	145.63 5.14 -28.64	150.06 5.35 -28.52	158.36 7.09 -0.41	205.41 7.27 -6.81	211.89 7.17 0.00	194.86 6.95 0.00	184.09 6.57 0.00	178.74 6.23 -34.14	160.91 6.83 -5.49	161.19 6.30 -14.90
RIVERBAY____ 323610	145.21 9.99 -21.65	143.66 9.92 -19.72	140.14 9.81 -16.31	140.64 9.85 -16.30	145.33 9.97 -20.76	151.86 11.97 -0.75	163.51 11.99 -8.81	183.19 11.76 -28.04	178.27 13.46 -8.28	161.25 12.29 -16.76	153.14 12.09 -18.98	151.75 12.68 -12.23	147.59 10.98 -22.23	143.55 10.75 -20.85	146.11 10.85 -23.42	150.90 11.39 -23.32	165.18 14.18 -0.13	208.59 16.26 -1.00	221.30 16.58 0.00	203.69 15.78 0.00	191.91 14.38 0.00	162.20 12.59 -11.25	162.47 13.08 -0.81	160.82 12.60 -8.23
RIVERSIDE_115KV_TB3 55908	144.62 4.54 -26.52	142.61 4.45 -24.15	138.67 4.67 -19.97	139.15 4.69 -19.96	144.72 4.70 -25.42	148.63 5.70 -3.78	179.21 5.57 -30.93	224.77 5.16 -76.22	215.38 5.95 -52.90	176.99 5.29 -39.50	150.23 4.88 -23.27	147.03 5.20 -14.99	146.10 4.46 -27.26	141.89 4.37 -25.56	144.92 4.36 -28.71	148.86 4.07 -28.59	156.53 5.28 -0.39	203.06 5.36 -6.37	210.04 5.32 0.00	193.17 5.26 0.00	182.32 4.79 0.00	175.50 4.57 -32.57	158.78 5.05 -5.14	159.86 5.32 -14.54
ROARING___BROOK_WT_PWR 323790	110.73 -2.83 0.00	111.17 -2.85 0.00	111.28 -2.74 0.00	111.74 -2.75 0.00	111.74 -2.86 0.00	135.67 -3.47 0.00	139.00 -3.71 0.00	139.95 -3.44 0.00	152.31 -4.22 0.00	128.64 -3.56 0.00	118.79 -3.29 0.00	123.29 -3.55 0.00	111.40 -2.97 0.00	109.16 -2.79 0.00	109.06 -2.79 0.00	113.07 -3.13 0.00	146.64 -4.22 0.00	187.12 -4.21 0.00	200.82 -3.90 0.00	184.33 -3.58 0.00	174.51 -3.02 0.00	135.45 -2.91 0.00	145.62 -2.97 0.00	137.62 -2.38 0.00

ROCHESRG_115KV_T4 355643	111.09 -5.56 -3.10	111.25 -5.59 -2.82	110.77 -5.59 -2.33	111.44 -5.38 -2.33	112.30 -5.27 -2.97	132.07 -7.10 -0.03	135.01 -8.13 -0.43	135.49 -9.61 -1.71	141.39 -11.43 3.71	122.84 -9.91 -0.55	114.38 -9.28 -1.58	118.35 -9.51 -1.02	105.96 -9.26 -0.85	104.74 -8.96 -1.74	104.54 -9.06 -1.75	109.43 -8.71 -1.95	139.71 -11.16 -0.01	178.13 -13.20 0.00	183.07 -15.56 6.09	164.12 -14.66 9.13	151.98 -14.38 11.16	129.36 -10.65 -1.64	138.63 -9.96 0.00	132.65 -7.98 -0.63
ROCHESTER_9_IC 23652	111.79 -4.88 -3.12	111.84 -5.02 -2.84	111.46 -4.90 -2.35	112.14 -4.69 -2.35	113.01 -4.58 -2.99	132.91 -6.26 -0.03	136.01 -7.14 -0.43	136.50 -8.60 -1.71	142.44 -10.33 3.76	123.62 -9.12 -0.54	115.24 -8.42 -1.58	119.23 -8.63 -1.02	106.75 -8.46 -0.84	105.41 -8.28 -1.74	105.32 -8.28 -1.74	110.13 -8.02 -1.95	140.77 -10.11 -0.01	179.47 -11.86 0.00	184.42 -14.13 6.17	165.31 -13.34 9.25	152.89 -13.31 11.32	130.20 -9.82 -1.66	139.52 -9.06 0.00	133.49 -7.14 -0.63
ROCKVIEW_13_KV_LD 356306	143.15 7.95 -21.64	141.60 7.87 -19.71	137.96 7.64 -16.30	138.46 7.67 -16.30	143.15 7.79 -20.75	149.34 9.46 -0.74	161.52 9.99 -8.81	182.04 10.61 -28.04	177.17 12.37 -8.28	159.92 10.97 -16.75	151.42 10.38 -18.97	149.97 10.91 -12.22	146.44 9.84 -22.22	142.54 9.74 -20.84	144.76 9.51 -23.41	149.62 10.11 -23.31	163.52 12.52 -0.13	206.87 14.54 -1.00	219.46 14.74 0.00	201.81 13.91 0.00	190.31 12.78 0.00	160.54 10.93 -11.25	160.83 11.44 -0.80	158.30 10.08 -8.22
ROME____115KV_TB2 80656	119.37 4.54 -1.27	119.85 4.67 -1.15	119.53 4.56 -0.95	120.02 4.58 -0.95	120.63 4.81 -1.21	145.69 6.54 -0.01	150.57 7.56 -0.29	152.30 7.74 -1.17	165.29 8.77 0.00	139.26 6.74 -0.32	129.17 5.98 -1.11	133.52 5.96 -0.71	120.71 5.03 -1.30	117.77 4.59 -1.22	117.80 4.59 -1.37	122.79 5.23 -1.36	158.26 7.39 0.00	201.09 9.76 0.00	215.16 10.44 0.00	196.93 9.02 0.00	185.69 8.17 0.00	144.73 6.36 0.00	155.57 6.98 0.00	146.87 6.44 -0.43
ROSETON___1 23587	141.55 6.36 -21.63	139.99 6.27 -19.70	136.47 6.15 -16.29	136.96 6.18 -16.29	141.64 6.30 -20.74	147.24 7.37 -0.72	158.97 7.56 -8.70	178.91 7.74 -27.78	173.78 9.23 -8.02	157.02 8.20 -16.63	148.85 7.82 -18.96	147.29 8.24 -12.21	144.13 7.55 -22.21	140.06 7.27 -20.83	142.51 7.27 -23.39	147.16 7.67 -23.30	160.05 9.05 -0.13	202.05 9.75 -0.97	214.14 9.42 0.00	197.48 9.58 0.00	186.22 8.70 0.00	157.80 8.30 -11.13	158.13 8.76 -0.78	155.88 7.69 -8.19
ROSETON___2 23588	141.55 6.36 -21.63	139.99 6.27 -19.70	136.47 6.15 -16.29	136.96 6.18 -16.29	141.64 6.30 -20.74	147.24 7.37 -0.72	158.97 7.56 -8.70	178.91 7.74 -27.78	173.78 9.23 -8.02	157.02 8.20 -16.63	148.85 7.82 -18.96	147.29 8.24 -12.21	144.13 7.55 -22.21	140.06 7.27 -20.83	142.51 7.27 -23.39	147.16 7.67 -23.30	160.05 9.05 -0.13	202.05 9.75 -0.97	214.14 9.42 0.00	197.48 9.58 0.00	186.22 8.70 0.00	157.80 8.30 -11.13	158.13 8.76 -0.78	155.88 7.69 -8.19
ROTRRDAM_115KV_TB3 80664	145.98 4.77 -27.65	143.99 4.79 -25.18	139.63 4.79 -20.82	140.11 4.81 -20.82	146.04 4.93 -26.51	152.16 6.12 -6.89	201.85 6.28 -52.86	272.05 6.17 -122.50	262.49 6.89 -99.07	198.77 5.95 -60.63	151.68 5.37 -24.24	147.91 5.45 -15.61	147.69 4.92 -28.39	143.29 4.70 -26.63	146.45 4.70 -29.91	151.09 5.11 -29.78	158.29 6.79 -0.63	211.30 8.04 -11.93	213.11 8.39 0.00	195.80 7.89 0.00	184.80 7.28 0.00	197.82 6.23 -53.23	164.89 6.69 -9.62	165.62 5.88 -19.74
RUSSELL___1 23602	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
RUSSELL___2 23532	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
RUSSELL___3 23549	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
RUSSELL___4 23556	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
RUSSELL___STATION 23914	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
S SALMON___HYD 24043	116.38 0.80 -2.02	116.66 0.80 -1.84	116.34 0.80 -1.52	116.82 0.81 -1.52	117.57 1.03 -1.93	140.55 1.39 -0.02	145.32 2.14 -0.46	147.68 2.44 -1.86	159.02 2.50 0.00	134.16 1.46 -0.50	125.18 1.35 -1.76	129.12 1.14 -1.14	117.13 0.69 -2.07	114.34 0.45 -1.94	114.36 0.34 -2.18	119.41 1.04 -2.17	152.82 1.96 0.00	194.21 2.87 0.00	208.20 3.48 0.00	190.34 2.44 0.00	179.12 1.59 0.00	139.47 1.10 0.00	150.22 1.64 0.00	142.22 1.54 -0.68
S.PERRY__115KV_TB1 80734	115.79 -1.93 -4.16	115.87 -1.94 -3.79	115.33 -1.82 -3.14	116.02 -1.60 -3.13	117.22 -1.38 -3.99	137.65 -1.53 -0.03	141.38 -1.57 -0.24	137.39 -6.88 -0.89	138.94 -8.30 9.29	123.13 -7.67 1.40	115.09 -7.81 -0.83	119.12 -8.24 -0.53	104.48 -8.35 1.55	104.47 -8.40 -0.91	104.19 -8.16 -0.50	109.79 -7.44 -1.03	142.27 -8.60 0.00	182.33 -8.99 0.01	179.19 -10.03 15.50	155.15 -9.96 22.80	144.98 -4.62 27.93	137.16 -3.46 -2.25	145.61 -2.97 0.00	137.98 -2.38 -0.36
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	107.11 -10.33 -3.89	107.18 -10.38 -3.54	106.68 -10.26 -2.93	107.45 -9.96 -2.93	108.36 -9.97 -3.73	126.65 -12.52 -0.03	128.15 -14.99 -0.42	127.83 -17.21 -1.65	133.08 -17.37 6.07	117.33 -14.81 0.06	110.26 -13.31 -1.49	114.35 -13.45 -0.95	101.43 -13.04 -0.09	100.49 -13.10 -1.63	100.69 -12.64 -1.49	105.48 -12.55 -1.83	133.98 -16.90 -0.01	170.28 -21.05 0.01	170.69 -24.36 9.67	150.95 -22.36 14.59	137.57 -21.84 18.12	124.55 -15.91 -2.10	133.43 -15.16 0.00	127.30 -13.30 -0.60

SAWYER___23_KV_LOAD 55526	107.11 -10.33 -3.89	107.18 -10.38 -3.54	106.68 -10.26 -2.93	107.45 -9.96 -2.93	108.36 -9.97 -3.73	126.65 -12.52 -0.03	128.15 -14.99 -0.42	127.83 -17.21 -1.65	133.08 -17.37 6.07	117.33 -14.81 0.06	110.26 -13.31 -1.49	114.35 -13.45 -0.95	101.43 -13.04 -0.09	100.49 -13.10 -1.63	100.69 -12.64 -1.49	105.48 -12.55 -1.83	133.98 -16.90 -0.01	170.28 -21.05 0.01	170.69 -24.36 9.67	150.95 -22.36 14.59	137.57 -21.84 18.12	124.55 -15.91 -2.10	133.43 -15.16 0.00	127.30 -13.30 -0.60
SELKIRK___I 23801	144.13 4.55 -26.02	142.28 4.57 -23.69	138.29 4.68 -19.60	138.77 4.70 -19.59	144.14 4.59 -24.95	147.14 5.57 -2.42	169.48 5.42 -21.34	200.43 5.02 -52.03	190.82 5.63 -28.66	165.35 4.75 -28.39	149.24 4.39 -22.78	146.07 4.56 -14.67	145.06 4.00 -26.69	140.79 3.81 -25.03	143.87 3.91 -28.11	148.02 3.83 -27.99	156.40 5.28 -0.26	200.34 5.55 -3.45	210.03 5.31 0.00	193.16 5.25 0.00	182.68 5.15 0.00	164.78 4.71 -21.71	156.71 5.34 -2.78	157.28 5.45 -11.82
SELKIRK___II 23799	143.80 3.97 -26.27	141.93 3.99 -23.92	137.90 4.10 -19.79	138.38 4.12 -19.78	143.80 4.01 -25.19	146.61 4.87 -2.60	170.20 4.86 -22.63	202.09 4.45 -54.26	192.39 5.16 -30.71	166.15 4.50 -29.45	149.23 4.15 -23.00	145.97 4.32 -14.81	145.09 3.77 -26.94	140.91 3.69 -25.27	144.03 3.80 -28.38	148.06 3.61 -28.26	155.82 4.68 -0.27	199.62 4.58 -3.70	209.03 4.31 0.00	192.23 4.33 0.00	181.61 4.09 0.00	165.08 4.02 -22.69	156.02 4.45 -2.98	156.73 4.61 -12.12
SENECA OSWGO___HYD 24041	116.20 0.34 -2.30	116.57 0.46 -2.09	116.21 0.46 -1.73	116.68 0.46 -1.73	117.38 0.58 -2.20	140.14 0.98 -0.02	144.96 1.72 -0.52	147.23 1.73 -2.11	158.09 1.57 0.00	133.57 0.80 -0.57	124.82 0.74 -2.01	128.90 0.77 -1.29	116.96 0.23 -2.35	114.27 0.11 -2.20	114.21 -0.11 -2.48	119.25 0.58 -2.46	152.53 1.66 0.00	193.44 2.11 0.00	207.38 2.65 0.00	189.59 1.69 0.00	178.60 1.07 0.00	139.20 0.84 0.00	149.48 0.90 0.00	141.62 0.85 -0.78
SENECA___115KV_TB3 355854	107.71 -9.88 -4.03	107.89 -9.81 -3.67	107.25 -9.81 -3.04	108.02 -9.50 -3.04	108.96 -9.51 -3.87	127.77 -11.41 -0.03	129.57 -13.56 -0.42	129.82 -15.20 -1.63	135.81 -14.09 6.63	119.97 -12.03 0.20	112.92 -10.62 -1.47	117.00 -10.78 -0.94	103.66 -10.64 0.08	102.71 -10.86 -1.61	102.99 -10.29 -1.43	108.01 -9.99 -1.81	137.30 -13.58 -0.01	173.91 -17.41 0.01	174.38 -19.65 10.69	153.73 -18.04 16.14	139.72 -17.93 19.88	127.68 -12.87 -2.18	135.96 -12.63 0.00	128.69 -11.90 -0.60
SENECA___ENERGY 23797	113.62 -3.18 -3.24	113.90 -3.07 -2.95	113.39 -3.07 -2.44	113.95 -2.98 -2.44	114.85 -2.86 -3.11	135.98 -3.19 -0.03	140.64 -2.72 -0.64	142.81 -3.16 -2.58	151.55 -3.59 1.38	130.53 -3.56 -1.90	121.07 -3.42 -2.41	124.71 -3.68 -1.55	113.06 -3.77 -2.45	110.80 -3.81 -2.65	110.83 -3.92 -2.90	115.68 -3.48 -2.96	147.42 -3.46 -0.02	187.12 -4.21 0.00	198.46 -4.09 2.17	179.82 -4.69 3.39	168.22 -5.15 4.15	136.41 -3.73 -1.77	144.58 -4.00 0.00	137.30 -3.64 -0.94
SHOEMAKER___GT 23640	138.80 5.45 -19.79	137.51 5.47 -18.02	134.28 5.36 -14.90	134.77 5.38 -14.90	138.96 5.39 -18.97	146.22 6.40 -0.67	157.60 6.85 -8.04	175.98 7.02 -25.57	172.32 8.29 -7.50	154.75 7.27 -15.29	146.25 6.83 -17.34	145.24 7.23 -11.17	141.09 6.40 -20.32	137.28 6.27 -19.05	139.51 6.26 -21.40	144.24 6.74 -21.31	159.13 8.14 -0.12	201.23 8.99 -0.90	213.72 9.00 0.00	196.55 8.65 0.00	185.70 8.17 0.00	156.23 7.61 -10.26	157.18 7.87 -0.73	154.36 6.86 -7.51
SHOEMAKR_138KV_BK 111 55601	138.67 5.45 -19.66	137.28 5.36 -17.90	134.07 5.24 -14.81	134.55 5.27 -14.80	138.83 5.39 -18.85	146.35 6.54 -0.67	157.55 6.85 -7.98	175.95 7.17 -25.40	172.27 8.30 -7.45	154.79 7.40 -15.19	146.14 6.84 -17.23	145.17 7.23 -11.10	140.96 6.41 -20.18	137.15 6.27 -18.93	139.37 6.26 -21.26	144.11 6.74 -21.17	159.44 8.45 -0.12	201.80 9.57 -0.90	214.34 9.62 0.00	197.11 9.21 0.00	186.05 8.52 0.00	156.03 7.47 -10.19	157.18 7.88 -0.72	154.17 6.72 -7.46
SHOREHAM_IC_1 23715	148.99 12.16 -23.27	148.88 11.97 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.37 15.77 -41.21	183.50 18.15 -8.82	163.87 14.93 -16.74	154.83 13.79 -18.96	153.01 13.95 -12.21	149.63 13.03 -22.21	148.06 12.54 -23.57	150.66 12.75 -26.07	154.97 13.59 -25.18	170.97 16.60 -3.50	222.75 20.48 -10.93	233.06 20.47 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.37 16.34 -12.43	167.25 14.99 -12.26
SHOREHAM_IC_2 23716	148.99 12.16 -23.27	148.88 11.97 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.37 15.77 -41.21	183.50 18.15 -8.82	163.87 14.93 -16.74	154.83 13.79 -18.96	153.01 13.95 -12.21	149.63 13.03 -22.21	148.06 12.54 -23.57	150.66 12.75 -26.07	154.97 13.59 -25.18	170.97 16.60 -3.50	222.75 20.48 -10.93	233.06 20.47 -7.87	221.57 19.91 -13.76	208.46 18.12 -12.82	192.36 15.36 -38.64	177.37 16.34 -12.43	167.25 14.99 -12.26
SISSONVILLE____ 23735	112.47 -1.48 -0.39	112.55 -1.82 -0.35	112.48 -1.82 -0.29	112.49 -2.29 -0.29	112.56 -2.41 -0.37	136.09 -3.06 0.00	139.81 -3.00 -0.09	143.03 -0.72 -0.35	153.24 -3.29 0.00	128.99 -3.30 -0.10	119.24 -3.17 -0.34	123.51 -3.55 -0.22	112.83 -1.94 -0.40	110.54 -1.79 -0.37	109.92 -2.35 -0.42	112.20 -4.42 -0.42	144.38 -6.49 0.00	187.70 -3.64 0.00	202.06 -2.66 0.00	184.71 -3.19 0.00	174.86 -2.66 0.00	133.80 -4.57 0.00	143.68 -4.90 0.00	136.77 -3.36 -0.13
SITHE_IND_GS1 24169	110.67 -4.66 -1.77	110.95 -4.68 -1.61	110.67 -4.68 -1.33	111.12 -4.70 -1.33	111.71 -4.59 -1.70	133.59 -5.57 -0.01	137.40 -5.71 -0.40	139.13 -5.89 -1.63	149.80 -6.73 0.00	126.82 -5.81 -0.44	118.25 -5.37 -1.54	122.26 -5.58 -0.99	110.93 -5.26 -1.81	108.51 -5.15 -1.70	108.61 -5.14 -1.91	112.99 -5.11 -1.90	144.54 -6.33 0.00	183.31 -8.03 0.00	196.13 -8.59 0.00	179.64 -8.26 0.00	169.36 -8.16 0.00	132.28 -6.08 0.00	142.20 -6.38 0.00	134.72 -5.87 -0.60
SITHE_IND_GS2 24170	110.67 -4.66 -1.77	110.95 -4.68 -1.61	110.67 -4.68 -1.33	111.12 -4.70 -1.33	111.71 -4.59 -1.70	133.59 -5.57 -0.01	137.40 -5.71 -0.40	139.13 -5.89 -1.63	149.80 -6.73 0.00	126.82 -5.81 -0.44	118.25 -5.37 -1.54	122.26 -5.58 -0.99	110.93 -5.26 -1.81	108.51 -5.15 -1.70	108.61 -5.14 -1.91	112.99 -5.11 -1.90	144.54 -6.33 0.00	183.31 -8.03 0.00	196.13 -8.59 0.00	179.64 -8.26 0.00	169.36 -8.16 0.00	132.28 -6.08 0.00	142.20 -6.38 0.00	134.72 -5.87 -0.60
SITHE_IND_GS3 24171	110.67 -4.66 -1.77	110.95 -4.68 -1.61	110.67 -4.68 -1.33	111.12 -4.70 -1.33	111.71 -4.59 -1.70	133.59 -5.57 -0.01	137.40 -5.71 -0.40	139.13 -5.89 -1.63	149.80 -6.73 0.00	126.82 -5.81 -0.44	118.25 -5.37 -1.54	122.26 -5.58 -0.99	110.93 -5.26 -1.81	108.51 -5.15 -1.70	108.61 -5.14 -1.91	112.99 -5.11 -1.90	144.54 -6.33 0.00	183.31 -8.03 0.00	196.13 -8.59 0.00	179.64 -8.26 0.00	169.36 -8.16 0.00	132.28 -6.08 0.00	142.20 -6.38 0.00	134.72 -5.87 -0.60
SITHE_IND_GS4 24172	110.67 -4.66 -1.77	110.95 -4.68 -1.61	110.67 -4.68 -1.33	111.12 -4.70 -1.33	111.71 -4.59 -1.70	133.59 -5.57 -0.01	137.40 -5.71 -0.40	139.13 -5.89 -1.63	149.80 -6.73 0.00	126.82 -5.81 -0.44	118.25 -5.37 -1.54	122.26 -5.58 -0.99	110.93 -5.26 -1.81	108.51 -5.15 -1.70	108.61 -5.14 -1.91	112.99 -5.11 -1.90	144.54 -6.33 0.00	183.31 -8.03 0.00	196.13 -8.59 0.00	179.64 -8.26 0.00	169.36 -8.16 0.00	132.28 -6.08 0.00	142.20 -6.38 0.00	134.72 -5.87 -0.60

SITHE___BATAVIA 24024	110.48 -6.59 -3.51	110.60 -6.62 -3.20	110.05 -6.62 -2.65	110.84 -6.30 -2.64	111.78 -6.19 -3.37	131.10 -8.07 -0.03	133.15 -9.99 -0.43	133.74 -11.33 -1.68	139.19 -12.37 4.97	121.47 -10.97 -0.24	112.88 -10.74 -1.55	116.93 -10.91 -0.99	104.67 -10.18 -0.47	103.37 -10.30 -1.71	103.53 -9.95 -1.64	108.35 -9.76 -1.91	139.71 -11.16 -0.01	177.17 -14.16 0.01	182.06 -14.53 8.13	159.73 -15.97 12.21	146.97 -15.62 14.93	128.21 -12.04 -1.88	137.44 -11.15 0.00	131.37 -9.24 -0.62
SITHE___INDEPEND 23800	110.67 -4.66 -1.77	110.95 -4.67 -1.61	110.68 -4.67 -1.33	111.13 -4.69 -1.33	111.71 -4.58 -1.70	133.45 -5.70 -0.01	137.41 -5.71 -0.40	139.14 -5.88 -1.63	149.95 -6.57 0.00	126.82 -5.82 -0.44	118.25 -5.37 -1.55	122.26 -5.58 -1.00	110.93 -5.15 -1.81	108.51 -5.26 -1.70	108.50 -5.26 -1.91	112.99 -5.11 -1.90	144.38 -6.49 0.00	183.30 -8.04 0.00	195.71 -9.01 0.00	179.45 -8.46 0.00	169.36 -8.17 0.00	132.28 -6.09 0.00	142.20 -6.39 0.00	134.72 -5.88 -0.60
SITHE___MASSENA 23902	112.20 -1.36 0.00	112.31 -1.71 0.00	112.31 -1.71 0.00	112.43 -2.06 0.00	112.42 -2.18 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	142.24 -1.15 0.00	153.08 -3.44 0.00	129.02 -3.17 0.00	119.15 -2.93 0.00	123.54 -3.30 0.00	112.32 -2.06 0.00	110.50 -1.46 0.00	110.39 -1.46 0.00	113.07 -3.13 0.00	146.49 -4.38 0.00	190.00 -1.33 0.00	204.31 -0.41 0.00	186.97 -0.93 0.00	177.00 -0.53 0.00	135.32 -3.04 0.00	145.02 -3.57 0.00	137.05 -2.95 0.00
SITHE___OGDNSBRG 24021	113.79 0.23 0.00	113.91 -0.11 0.00	113.91 -0.11 0.00	113.92 -0.57 0.00	113.91 -0.69 0.00	138.31 -0.83 0.00	142.00 -0.71 0.00	144.97 1.58 0.00	155.59 -0.94 0.00	130.74 -1.45 0.00	120.49 -1.59 0.00	124.81 -2.03 0.00	113.69 -0.69 0.00	111.62 -0.34 0.00	111.51 -0.34 0.00	114.22 -1.98 0.00	148.15 -2.72 0.00	192.48 1.15 0.00	206.97 2.25 0.00	189.22 1.32 0.00	179.12 1.60 0.00	136.84 -1.52 0.00	146.65 -1.93 0.00	139.02 -0.98 0.00
SITHE___STERLING 23777	118.45 3.40 -1.48	118.91 3.54 -1.35	118.67 3.54 -1.12	119.16 3.55 -1.12	119.80 3.78 -1.42	144.31 5.15 -0.01	149.05 5.99 -0.34	150.77 6.02 -1.37	163.25 6.73 0.00	137.72 5.15 -0.37	127.89 4.52 -1.30	132.11 4.44 -0.84	119.67 3.77 -1.52	116.86 3.47 -1.42	116.92 3.47 -1.60	121.86 4.06 -1.59	156.60 5.73 0.00	198.60 7.27 0.00	212.50 7.78 0.00	194.48 6.57 0.00	183.38 5.85 0.00	143.07 4.71 0.00	153.78 5.20 0.00	145.26 4.76 -0.50
SLEIGHT__34_KV_TB1 80719	112.97 -3.63 -3.05	113.15 -3.65 -2.78	112.67 -3.65 -2.30	113.35 -3.43 -2.29	114.20 -3.32 -2.92	135.00 -4.17 -0.03	139.12 -4.14 -0.54	140.56 -5.02 -2.19	148.21 -6.26 2.06	127.88 -5.68 -1.37	118.74 -5.37 -2.04	122.57 -5.58 -1.31	110.49 -5.72 -1.83	108.60 -5.60 -2.24	108.43 -5.82 -2.40	113.36 -5.35 -2.51	144.54 -6.34 -0.01	184.25 -7.08 0.00	193.02 -8.39 3.31	174.57 -8.27 5.07	162.81 -8.52 6.20	133.64 -6.36 -1.63	142.49 -6.09 0.00	135.90 -4.90 -0.80
SOUTH CAIRO___GT 23612	145.94 7.15 -25.22	144.17 7.18 -22.97	140.54 7.53 -19.00	141.03 7.56 -18.99	146.23 7.45 -24.18	151.09 9.60 -2.35	173.37 9.99 -20.66	203.03 9.61 -50.04	193.91 10.02 -27.37	167.47 7.93 -27.34	150.75 6.59 -22.08	147.53 6.47 -14.22	145.62 5.38 -25.86	141.59 5.37 -24.26	144.68 5.59 -27.24	149.37 6.04 -27.13	159.87 8.75 -0.25	206.30 11.67 -3.30	220.28 15.56 0.00	201.81 13.91 0.00	189.95 12.43 0.00	167.67 8.44 -20.87	160.16 8.92 -2.66	160.51 9.10 -11.42
SOUTH HAMPTN___IC 23720	150.23 13.39 -23.27	150.36 13.45 -22.90	147.91 13.22 -20.67	147.83 13.27 -20.06	150.49 13.52 -22.37	156.20 15.99 -1.06	181.32 17.55 -21.06	202.38 17.78 -41.21	185.69 20.34 -8.82	165.60 16.66 -16.74	156.42 15.38 -18.96	154.53 15.47 -12.21	151.00 14.41 -22.21	149.29 13.77 -23.57	152.01 14.09 -26.07	156.38 15.00 -25.18	172.92 18.55 -3.50	225.80 23.53 -10.93	235.31 22.72 -7.87	224.39 22.73 -13.76	211.10 20.76 -12.82	194.44 17.43 -38.64	179.29 18.27 -12.43	169.19 16.93 -12.26
SOUTHDOW_115KV_TB1 355954	109.92 -7.95 -4.31	110.19 -7.75 -3.93	109.40 -7.87 -3.25	110.29 -7.44 -3.25	111.29 -7.45 -4.13	131.81 -7.51 -0.18	135.25 -8.85 -1.38	137.18 -9.75 -3.55	142.21 -6.57 7.74	126.12 -5.55 0.52	118.94 -4.52 -1.38	123.15 -4.57 -0.88	108.97 -4.92 0.49	107.88 -5.60 -1.52	108.19 -4.92 -1.26	113.60 -4.30 -1.70	144.69 -6.19 -0.01	182.91 -8.42 0.01	183.22 -9.01 12.50	160.38 -8.64 18.88	144.90 -9.41 23.22	134.34 -6.36 -2.34	141.75 -6.83 0.00	132.58 -7.98 -0.57
SOUTHOLD_69_KV_BK 2 55809	152.28 15.44 -23.27	152.31 15.39 -22.90	149.86 15.16 -20.67	149.90 15.34 -20.06	152.56 15.59 -22.37	159.41 19.20 -1.06	183.89 20.12 -21.05	205.25 20.65 -41.21	188.51 23.17 -8.82	167.98 19.04 -16.74	158.37 17.33 -18.96	156.56 17.50 -12.21	152.49 15.90 -22.22	150.98 15.45 -23.57	153.69 15.77 -26.07	158.23 16.85 -25.18	176.10 21.72 -3.50	230.59 28.32 -10.93	236.13 23.54 -7.87	228.91 27.25 -13.76	215.37 25.03 -12.82	197.21 20.20 -38.64	182.42 21.40 -12.43	171.86 19.60 -12.26
SOUTHOLD___IC 23719	152.28 15.44 -23.27	152.30 15.39 -22.90	149.98 15.28 -20.67	149.90 15.35 -20.06	152.56 15.58 -22.37	158.86 18.65 -1.06	184.18 20.41 -21.06	205.25 20.65 -41.21	188.82 23.47 -8.82	167.98 19.04 -16.74	158.49 17.46 -18.96	156.68 17.62 -12.21	152.83 16.24 -22.21	151.08 15.56 -23.57	153.79 15.88 -26.07	158.47 17.09 -25.18	175.79 21.41 -3.50	230.00 27.73 -10.93	235.31 22.72 -7.87	228.33 26.67 -13.76	215.01 24.67 -12.82	197.35 20.35 -38.64	182.42 21.40 -12.43	171.86 19.60 -12.26
SOUTH_FORK_WT_PWR 323839	152.51 15.68 -23.27	152.54 15.62 -22.90	150.20 15.50 -20.67	150.12 15.57 -20.06	152.79 15.82 -22.37	159.13 18.92 -1.06	184.46 20.69 -21.06	205.54 20.93 -41.21	188.99 23.64 -8.82	168.24 19.30 -16.74	158.73 17.69 -18.96	156.81 17.76 -12.21	153.07 16.47 -22.21	151.20 15.67 -23.57	154.03 16.11 -26.07	158.70 17.32 -25.18	176.10 21.73 -3.50	230.40 28.14 -10.93	237.77 25.17 -7.87	228.53 26.87 -13.76	215.38 25.04 -12.82	197.63 20.62 -38.64	182.71 21.69 -12.43	172.13 19.87 -12.26
SPIERFLS_115KV_TB 1 80737	150.69 9.77 -27.36	148.52 9.58 -24.92	144.32 9.69 -20.61	144.94 9.85 -20.60	150.92 10.08 -26.24	158.16 12.66 -6.35	204.88 13.13 -49.03	271.49 13.05 -115.05	263.14 14.87 -91.74	201.86 12.43 -57.24	157.42 11.35 -23.99	153.58 11.29 -15.45	152.20 9.72 -28.10	147.60 9.29 -26.35	150.51 9.06 -29.60	155.67 9.99 -29.48	165.34 13.88 -0.59	220.18 17.79 -11.05	223.35 18.63 0.00	205.01 17.10 0.00	193.33 15.80 0.00	201.04 12.73 -49.94	171.17 13.67 -8.91	171.34 12.46 -18.88
ST LAWRENCE____ 23600	111.63 -1.93 0.00	111.97 -2.05 0.00	111.97 -2.05 0.00	112.31 -2.18 0.00	112.31 -2.29 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	140.95 -2.44 0.00	152.93 -3.59 0.00	129.16 -3.04 0.00	119.27 -2.80 0.00	123.80 -3.05 0.00	112.09 -2.29 0.00	109.83 -2.13 0.00	109.84 -2.01 0.00	113.41 -2.79 0.00	146.94 -3.92 0.00	188.66 -2.68 0.00	202.67 -2.05 0.00	185.84 -2.06 0.00	175.93 -1.60 0.00	135.45 -2.91 0.00	145.32 -3.27 0.00	137.20 -2.80 0.00
STATE_CA_115KV_115_LB 55624	144.91 4.66 -26.70	142.89 4.56 -24.31	139.03 4.90 -20.11	139.40 4.81 -20.10	144.90 4.70 -25.60	149.21 5.84 -4.22	182.46 5.71 -34.03	230.84 5.16 -82.29	221.40 5.95 -58.92	179.74 5.29 -42.26	150.48 5.01 -23.40	147.12 5.20 -15.07	146.37 4.58 -27.42	142.15 4.48 -25.71	145.09 4.36 -28.88	148.91 3.95 -28.76	156.26 4.98 -0.42	203.79 5.36 -7.10	210.04 5.32 0.00	192.98 5.07 0.00	182.14 4.62 0.00	177.92 4.29 -35.27	159.06 4.75 -5.72	160.54 5.32 -15.23

STATE_ST_34_KV_LOAD 55959	115.74 -1.02 -3.20	115.91 -1.03 -2.91	115.40 -1.03 -2.41	115.98 -0.92 -2.41	116.87 -0.80 -3.07	138.48 -0.70 -0.03	143.62 0.00 -0.91	146.95 -0.14 -3.70	158.55 -0.16 -2.18	135.49 -0.40 -3.69	124.91 -0.61 -3.45	128.30 -0.76 -2.22	117.86 -1.14 -4.63	114.40 -1.34 -3.79	114.77 -1.45 -4.37	119.39 -1.05 -4.23	150.29 -0.60 -0.03	190.95 -0.38 0.00	208.25 -0.41 -3.94	192.32 -0.94 -5.35	182.83 -1.24 -6.55	139.18 -0.97 -1.78	147.55 -1.04 0.00	140.20 -1.12 -1.33
STATION 5_MISC_HYD 23604	111.80 -4.88 -3.12	111.84 -5.01 -2.84	111.47 -4.90 -2.35	112.14 -4.70 -2.35	113.00 -4.59 -2.99	133.33 -5.84 -0.03	135.72 -7.43 -0.43	136.93 -8.17 -1.71	142.43 -10.34 3.77	123.62 -9.12 -0.54	115.12 -8.55 -1.59	119.11 -8.75 -1.02	106.87 -8.34 -0.84	105.64 -8.06 -1.75	105.54 -8.05 -1.75	110.14 -8.02 -1.95	141.98 -8.90 -0.01	179.85 -11.48 0.00	186.67 -11.88 6.17	165.49 -13.16 9.26	153.06 -13.13 11.33	130.20 -9.82 -1.66	139.52 -9.07 0.00	133.49 -7.13 -0.63
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	113.61 -3.07 -3.11	113.77 -3.08 -2.83	113.28 -3.08 -2.34	113.97 -2.86 -2.34	114.95 -2.64 -2.98	135.83 -3.34 -0.03	139.72 -3.43 -0.43	140.80 -4.30 -1.71	147.49 -5.32 3.71	127.75 -5.02 -0.57	118.79 -4.88 -1.60	122.79 -5.07 -1.03	110.10 -5.15 -0.87	108.57 -5.15 -1.76	108.36 -5.26 -1.77	113.40 -4.76 -1.97	145.45 -5.43 -0.01	185.40 -5.93 0.00	191.41 -7.17 6.14	171.64 -7.14 9.13	158.90 -7.46 11.17	134.49 -5.53 -1.66	143.39 -5.20 0.00	136.43 -4.20 -0.63
STA_56_34_KV_BUS2_REV_LBMP_B 345033	111.32 -5.34 -3.09	111.48 -5.36 -2.82	111.11 -5.24 -2.33	111.78 -5.04 -2.33	112.64 -4.93 -2.97	132.49 -6.68 -0.03	135.72 -7.42 -0.43	136.36 -8.75 -1.71	142.52 -10.33 3.68	123.65 -9.12 -0.57	115.12 -8.55 -1.59	119.11 -8.75 -1.02	106.67 -8.58 -0.87	105.31 -8.40 -1.75	105.10 -8.50 -1.76	110.02 -8.13 -1.96	140.77 -10.11 -0.01	179.28 -12.05 0.00	184.55 -14.13 6.04	165.52 -13.34 9.05	153.14 -13.31 11.07	130.05 -9.96 -1.64	139.23 -9.36 0.00	133.07 -7.56 -0.63
STA_56___34_KV_BUS2 355983	111.32 -5.34 -3.09	111.48 -5.36 -2.82	111.11 -5.24 -2.33	111.78 -5.04 -2.33	112.64 -4.93 -2.97	132.49 -6.68 -0.03	135.72 -7.42 -0.43	136.36 -8.75 -1.71	142.52 -10.33 3.68	123.65 -9.12 -0.57	115.12 -8.55 -1.59	119.11 -8.75 -1.02	106.67 -8.58 -0.87	105.31 -8.40 -1.75	105.10 -8.50 -1.76	110.02 -8.13 -1.96	140.77 -10.11 -0.01	179.28 -12.05 0.00	184.55 -14.13 6.04	165.52 -13.34 9.05	153.14 -13.31 11.07	130.05 -9.96 -1.64	139.23 -9.36 0.00	133.07 -7.56 -0.63
STA_67___115KV_BK2 355882	111.45 -5.22 -3.11	111.61 -5.24 -2.84	111.23 -5.13 -2.35	111.91 -4.92 -2.34	112.77 -4.81 -2.99	132.49 -6.68 -0.03	135.58 -7.56 -0.43	136.07 -9.03 -1.71	142.13 -10.64 3.75	123.36 -9.39 -0.55	114.87 -8.79 -1.58	118.85 -9.01 -1.02	106.41 -8.81 -0.84	105.19 -8.51 -1.74	104.98 -8.61 -1.75	109.90 -8.25 -1.95	140.47 -10.41 -0.01	178.89 -12.44 0.00	183.82 -14.74 6.16	164.77 -13.91 9.23	152.56 -13.67 11.30	129.92 -10.10 -1.65	139.23 -9.36 0.00	133.21 -7.42 -0.63
STA_7___115KV_9TRANS 80674	112.25 -4.43 -3.12	112.41 -4.45 -2.84	112.03 -4.33 -2.35	112.71 -4.12 -2.35	113.58 -4.01 -2.99	133.47 -5.70 -0.03	136.58 -6.56 -0.43	137.21 -7.89 -1.71	143.37 -9.39 3.76	124.41 -8.33 -0.54	115.97 -7.69 -1.58	119.87 -7.99 -1.02	107.44 -7.78 -0.84	106.09 -7.61 -1.74	105.87 -7.72 -1.74	110.83 -7.32 -1.95	141.67 -9.20 -0.01	180.61 -10.71 0.00	185.65 -12.90 6.17	166.44 -12.21 9.25	153.96 -12.25 11.32	131.03 -8.99 -1.66	140.27 -8.32 0.00	134.05 -6.58 -0.63
STA_82___115KV_TB1 80780	111.58 -5.11 -3.13	111.74 -5.13 -2.85	111.24 -5.13 -2.36	111.92 -4.92 -2.36	112.79 -4.81 -3.00	132.63 -6.54 -0.03	135.72 -7.42 -0.43	136.21 -8.89 -1.71	142.09 -10.64 3.79	123.35 -9.39 -0.54	114.99 -8.67 -1.58	118.85 -9.01 -1.02	106.40 -8.81 -0.83	105.19 -8.51 -1.74	104.98 -8.61 -1.74	109.90 -8.25 -1.95	140.47 -10.41 -0.01	179.08 -12.25 0.00	183.96 -14.54 6.23	164.86 -13.72 9.33	152.45 -13.67 11.41	129.93 -10.10 -1.66	139.23 -9.36 0.00	133.21 -7.42 -0.63
STEEL___WIND 323596	107.49 -10.11 -4.03	107.66 -10.03 -3.67	107.02 -10.03 -3.04	107.79 -9.73 -3.04	108.73 -9.74 -3.87	126.93 -12.25 -0.03	129.29 -13.84 -0.42	128.97 -16.06 -1.63	135.21 -14.72 6.60	119.46 -12.56 0.18	112.34 -11.23 -1.49	116.38 -11.42 -0.95	103.47 -10.87 0.04	102.41 -11.19 -1.64	102.92 -10.40 -1.47	107.70 -10.34 -1.84	137.30 -13.58 -0.01	173.73 -17.60 0.01	175.41 -18.63 10.69	153.25 -18.61 16.05	139.65 -18.11 19.77	127.40 -13.15 -2.18	135.66 -12.93 0.00	128.42 -12.18 -0.61
STEPHTWN_115KV_BK_2 55603	145.53 5.56 -26.40	143.54 5.47 -24.04	139.72 5.81 -19.89	140.09 5.72 -19.88	145.65 5.73 -25.32	149.72 7.24 -3.34	177.80 7.28 -27.80	212.07 6.60 -62.09	202.77 7.67 -38.58	171.82 6.61 -33.01	151.15 5.98 -23.09	147.93 6.22 -14.87	146.80 5.38 -27.05	142.59 5.26 -25.37	145.49 5.14 -28.49	149.45 4.88 -28.37	157.51 6.34 -0.31	203.44 7.46 -4.65	212.50 7.78 0.00	195.23 7.33 0.00	184.27 6.75 0.00	170.10 5.53 -26.20	158.57 6.24 -3.75	159.70 6.72 -12.98
STEUBEN_REC_LFGE 323667	111.04 -7.61 -5.09	111.13 -7.53 -4.64	110.44 -7.41 -3.84	111.11 -7.21 -3.83	112.49 -6.99 -4.88	131.70 -7.65 -0.21	135.87 -7.56 -0.72	135.11 -8.60 -0.33	129.62 -8.30 18.62	117.71 -7.93 6.56	112.51 -7.69 1.87	117.62 -7.99 1.23	98.47 -8.01 7.91	101.51 -8.40 2.05	100.19 -8.16 3.49	106.47 -7.44 2.29	142.24 -8.60 0.03	182.22 -9.38 -0.26	159.54 -9.62 35.56	126.85 -9.40 51.66	105.90 -8.34 63.28	135.36 -5.81 -2.80	142.58 -6.24 -0.24	133.31 -6.30 0.39
STILLWATER___SOLAR 323814	148.84 8.06 -27.22	146.67 7.86 -24.79	142.50 7.98 -20.50	142.99 8.01 -20.49	148.96 8.26 -26.10	155.25 10.02 -6.08	200.24 10.41 -47.11	265.04 10.33 -111.32	256.17 11.58 -88.06	197.52 9.78 -55.54	154.85 8.91 -23.87	151.22 9.01 -15.37	150.23 7.89 -27.96	145.80 7.62 -26.22	148.91 7.61 -29.45	153.90 8.37 -29.33	162.90 11.46 -0.57	215.90 13.96 -10.61	219.05 14.33 0.00	201.25 13.34 0.00	190.13 12.61 0.00	197.04 10.38 -48.29	168.29 11.15 -8.55	168.53 10.09 -18.45
STONY___BROOK 24151	148.08 11.24 -23.27	148.10 11.18 -22.90	145.75 11.06 -20.67	145.55 10.99 -20.06	148.21 11.24 -22.37	153.29 13.08 -1.07	178.05 14.27 -21.06	199.08 14.48 -41.22	182.11 16.76 -8.83	163.09 14.15 -16.74	154.23 13.19 -18.96	152.49 13.44 -12.21	149.17 12.58 -22.21	147.73 12.21 -23.57	150.22 12.30 -26.07	154.16 12.78 -25.18	169.17 14.79 -3.50	220.25 17.98 -10.93	230.61 18.02 -7.87	218.94 17.28 -13.76	206.14 15.79 -12.82	190.57 13.57 -38.64	175.29 14.27 -12.43	165.28 13.02 -12.26
STURGEON_POOL_HYD 23609	141.98 6.25 -22.18	140.37 6.16 -20.20	136.76 6.04 -16.70	137.25 6.07 -16.70	142.05 6.19 -21.26	147.70 7.51 -1.05	161.91 8.13 -11.06	184.16 8.75 -32.02	178.18 9.86 -11.79	159.54 8.73 -18.62	149.68 8.18 -19.43	147.98 8.63 -12.52	144.80 7.66 -22.76	140.80 7.50 -21.35	143.32 7.49 -23.98	148.21 8.13 -23.87	161.28 10.26 -0.15	204.43 11.67 -1.42	217.82 13.10 0.00	200.12 12.21 0.00	188.71 11.18 0.00	160.47 9.13 -12.97	159.09 9.36 -1.15	156.60 7.84 -8.76
ST_LAW_115_BK7_LBMP 345037	111.52 -2.04 0.00	111.74 -2.28 0.00	111.85 -2.17 0.00	112.20 -2.29 0.00	112.19 -2.41 0.00	136.22 -2.93 0.00	139.44 -3.28 0.00	140.81 -2.58 0.00	152.62 -3.91 0.00	128.90 -3.30 0.00	119.03 -3.05 0.00	123.54 -3.30 0.00	111.86 -2.52 0.00	109.72 -2.24 0.00	109.72 -2.13 0.00	113.18 -3.02 0.00	146.64 -4.22 0.00	188.47 -2.86 0.00	202.47 -2.25 0.00	185.66 -2.25 0.00	175.75 -1.78 0.00	135.32 -3.04 0.00	145.02 -3.57 0.00	136.92 -3.08 0.00

ST_LAW_115_BK8_LBMP 345038	111.52 -2.04 0.00	111.74 -2.28 0.00	111.85 -2.17 0.00	112.20 -2.29 0.00	112.19 -2.41 0.00	136.22 -2.93 0.00	139.44 -3.28 0.00	140.81 -2.58 0.00	152.62 -3.91 0.00	128.90 -3.30 0.00	119.03 -3.05 0.00	123.54 -3.30 0.00	111.86 -2.52 0.00	109.72 -2.24 0.00	109.72 -2.13 0.00	113.18 -3.02 0.00	146.64 -4.22 0.00	188.47 -2.86 0.00	202.47 -2.25 0.00	185.66 -2.25 0.00	175.75 -1.78 0.00	135.32 -3.04 0.00	145.02 -3.57 0.00	136.92 -3.08 0.00
ST_LAW_230_BK5_LBMP 345035	111.63 -1.93 0.00	111.97 -2.05 0.00	111.97 -2.05 0.00	112.31 -2.18 0.00	112.31 -2.29 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	140.95 -2.44 0.00	152.93 -3.59 0.00	129.16 -3.04 0.00	119.27 -2.80 0.00	123.80 -3.05 0.00	112.09 -2.29 0.00	109.83 -2.13 0.00	109.84 -2.01 0.00	113.41 -2.79 0.00	146.94 -3.92 0.00	188.66 -2.68 0.00	202.67 -2.05 0.00	185.84 -2.06 0.00	175.93 -1.60 0.00	135.45 -2.91 0.00	145.32 -3.27 0.00	137.20 -2.80 0.00
ST_LAW_230_BK6_LBMP 345036	111.63 -1.93 0.00	111.97 -2.05 0.00	111.97 -2.05 0.00	112.31 -2.18 0.00	112.31 -2.29 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	140.95 -2.44 0.00	152.93 -3.59 0.00	129.16 -3.04 0.00	119.27 -2.80 0.00	123.80 -3.05 0.00	112.09 -2.29 0.00	109.83 -2.13 0.00	109.84 -2.01 0.00	113.41 -2.79 0.00	146.94 -3.92 0.00	188.66 -2.68 0.00	202.67 -2.05 0.00	185.84 -2.06 0.00	175.93 -1.60 0.00	135.45 -2.91 0.00	145.32 -3.27 0.00	137.20 -2.80 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	139.81 6.02 -20.23	138.37 5.93 -18.42	135.07 5.81 -15.24	135.56 5.84 -15.23	139.96 5.96 -19.40	146.93 7.10 -0.69	158.50 7.56 -8.22	177.57 8.03 -26.16	173.44 9.24 -7.68	156.03 8.20 -15.63	147.50 7.69 -17.73	146.38 8.12 -11.42	142.47 7.32 -20.77	138.60 7.17 -19.48	140.77 7.05 -21.88	145.54 7.55 -21.79	160.35 9.35 -0.12	202.97 10.71 -0.93	215.57 10.85 0.00	198.24 10.33 0.00	186.94 9.41 0.00	157.16 8.30 -10.49	157.95 8.62 -0.75	155.09 7.42 -7.68
SWANROAD_115KV_TB1 355699	105.04 -12.26 -3.74	105.11 -12.31 -3.41	104.64 -12.20 -2.82	105.40 -11.91 -2.82	106.27 -11.92 -3.59	123.73 -15.45 -0.03	125.16 -17.98 -0.42	124.41 -20.65 -1.67	129.88 -20.97 5.67	114.41 -17.85 -0.06	106.74 -16.85 -1.51	110.69 -17.12 -0.97	98.95 -15.67 -0.24	97.39 -16.23 -1.66	98.52 -14.88 -1.55	102.14 -15.92 -1.86	129.60 -21.27 -0.01	164.92 -26.40 0.01	165.18 -30.30 9.24	146.90 -27.06 13.95	134.21 -26.27 17.04	120.18 -20.20 -2.01	129.57 -19.02 0.00	124.23 -16.38 -0.61
SYNERGY___BIOGAS 323694	110.48 -6.59 -3.51	110.60 -6.62 -3.20	110.05 -6.62 -2.65	110.84 -6.30 -2.64	111.78 -6.19 -3.37	131.10 -8.07 -0.03	133.15 -9.99 -0.43	133.74 -11.33 -1.68	139.19 -12.37 4.97	121.47 -10.97 -0.24	112.88 -10.74 -1.55	116.93 -10.91 -0.99	104.67 -10.18 -0.47	103.37 -10.30 -1.71	103.53 -9.95 -1.64	108.35 -9.76 -1.91	139.71 -11.16 -0.01	177.17 -14.16 0.01	182.06 -14.53 8.13	159.73 -15.97 12.21	146.97 -15.62 14.93	128.21 -12.04 -1.88	137.44 -11.15 0.00	131.37 -9.24 -0.62
SYRACUSE___ENERGY_ST1 323597	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91
SYRACUSE___ENERGY_ST2 323598	115.21 -1.02 -2.68	115.54 -0.91 -2.44	115.12 -0.91 -2.02	115.59 -0.92 -2.02	116.37 -0.80 -2.57	138.33 -0.83 -0.02	143.04 -0.29 -0.61	145.42 -0.43 -2.46	155.74 -0.78 0.00	131.94 -0.93 -0.67	123.44 -0.98 -2.34	127.33 -1.01 -1.51	115.75 -1.37 -2.74	113.19 -1.34 -2.57	113.17 -1.57 -2.89	118.03 -1.05 -2.88	149.96 -0.91 0.00	190.38 -0.96 0.00	203.70 -1.02 0.00	186.59 -1.32 0.00	175.93 -1.60 0.00	137.26 -1.11 0.00	147.55 -1.04 0.00	139.92 -0.98 -0.91
SYRACUSE___POWER 24017	114.72 -1.59 -2.75	114.93 -1.60 -2.50	114.49 -1.60 -2.07	114.96 -1.60 -2.07	115.75 -1.49 -2.64	137.50 -1.67 -0.02	142.32 -1.14 -0.75	145.13 -1.29 -3.03	156.44 -1.57 -1.48	133.53 -1.59 -2.92	123.34 -1.65 -2.85	127.03 -1.65 -1.84	116.17 -1.94 -3.74	113.18 -1.90 -3.13	113.32 -2.13 -3.60	118.07 -1.63 -3.50	149.23 -1.66 -0.02	189.23 -2.10 0.00	205.02 -2.25 -2.55	189.10 -2.44 -3.64	179.32 -2.66 -4.45	138.04 -1.80 -1.47	146.65 -1.93 0.00	139.28 -1.82 -1.10
TALLMAN___138KV_BK151 55660	140.91 6.59 -20.77	139.43 6.50 -18.91	135.93 6.27 -15.64	136.42 6.30 -15.63	140.93 6.42 -19.91	147.64 7.79 -0.71	159.43 8.28 -8.44	179.00 8.75 -26.86	174.76 10.33 -7.90	157.50 9.25 -16.05	148.94 8.67 -18.20	147.70 9.13 -11.72	143.93 8.24 -21.32	140.01 8.06 -20.00	142.25 7.94 -22.46	146.93 8.37 -22.36	161.41 10.41 -0.13	204.15 11.86 -0.95	216.80 12.08 0.00	199.18 11.27 0.00	188.00 10.47 0.00	158.27 9.13 -10.77	158.86 9.51 -0.77	156.14 8.26 -7.88
TEALLAVE_115KV_TB7 355573	113.66 -2.27 -2.37	113.90 -2.28 -2.16	113.64 -2.17 -1.79	114.10 -2.18 -1.79	114.82 -2.06 -2.28	136.66 -2.50 -0.02	141.11 -2.14 -0.54	143.28 -2.29 -2.19	153.87 -2.66 0.00	130.28 -2.51 -0.59	121.83 -2.32 -2.08	125.77 -2.41 -1.34	114.18 -2.63 -2.43	111.66 -2.58 -2.28	111.73 -2.68 -2.56	116.43 -2.32 -2.55	148.15 -2.72 0.00	187.89 -3.44 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.61 -2.97 0.00	138.14 -2.66 -0.81
TELGRAPH_34_KV_EAST 80808	108.08 -9.08 -3.60	108.18 -9.12 -3.28	107.73 -9.01 -2.72	108.50 -8.70 -2.71	109.35 -8.71 -3.46	127.76 -11.41 -0.03	129.58 -13.56 -0.42	129.44 -15.63 -1.68	135.13 -16.12 5.27	118.48 -13.88 -0.16	110.42 -13.18 -1.53	114.37 -13.45 -0.98	102.16 -12.58 -0.36	100.76 -12.88 -1.68	101.47 -11.97 -1.59	105.76 -12.32 -1.88	134.73 -16.14 -0.01	171.43 -19.90 0.01	172.99 -23.13 8.59	154.10 -20.86 12.95	141.09 -20.59 15.84	124.67 -15.64 -1.93	133.88 -14.71 0.00	128.15 -12.46 -0.61
TEMPLE___115KV_TB 2 55572	113.69 -2.27 -2.40	114.04 -2.17 -2.19	113.66 -2.17 -1.81	114.12 -2.18 -1.81	114.84 -2.06 -2.30	136.80 -2.37 -0.02	141.26 -2.00 -0.55	143.31 -2.29 -2.21	153.87 -2.66 0.00	130.42 -2.38 -0.60	121.86 -2.32 -2.10	125.79 -2.41 -1.35	114.32 -2.52 -2.46	111.69 -2.58 -2.31	111.76 -2.68 -2.59	116.46 -2.32 -2.58	148.15 -2.72 0.00	188.08 -3.25 0.00	200.83 -3.89 0.00	184.15 -3.76 0.00	173.62 -3.91 0.00	135.60 -2.77 0.00	145.76 -2.82 0.00	138.15 -2.66 -0.81
TIANA____69_KV_BK 1 55817	149.89 13.06 -23.27	149.91 13.00 -22.90	147.46 12.77 -20.67	147.38 12.82 -20.06	150.04 13.06 -22.37	156.35 16.14 -1.06	180.47 16.70 -21.05	201.81 17.21 -41.21	184.76 19.41 -8.82	165.07 16.13 -16.74	155.81 14.77 -18.96	154.02 14.97 -12.21	150.20 13.61 -22.22	148.85 13.32 -23.57	151.45 13.53 -26.07	155.79 14.41 -25.18	172.63 18.25 -3.50	225.42 23.15 -10.93	235.52 22.93 -7.87	224.02 22.36 -13.76	210.76 20.42 -12.82	193.61 16.60 -38.64	178.70 17.68 -12.43	168.64 16.38 -12.26
TILDEN___115KV_TB1 80814	114.72 -1.59 -2.75	114.93 -1.60 -2.50	114.49 -1.60 -2.07	114.96 -1.60 -2.07	115.75 -1.49 -2.64	137.50 -1.67 -0.02	142.32 -1.14 -0.75	145.13 -1.29 -3.03	156.44 -1.57 -1.48	133.53 -1.59 -2.92	123.34 -1.59 -2.85	127.03 -1.65 -1.84	116.17 -1.94 -3.74	113.18 -1.90 -3.13	113.32 -2.13 -3.60	118.07 -1.63 -3.50	149.23 -1.66 -0.02	189.23 -2.10 0.00	205.02 -2.25 -2.55	189.10 -2.44 -3.64	179.32 -2.66 -4.45	138.04 -1.80 -1.47	146.65 -1.93 0.00	139.28 -1.82 -1.10

TRIGEN__CC 323695	146.15 9.31 -23.27	146.04 9.12 -22.90	143.70 9.01 -20.67	143.60 9.04 -20.06	146.14 9.17 -22.37	151.30 11.13 -1.02	175.43 11.70 -21.01	196.60 12.04 -41.17	179.40 14.09 -8.78	161.23 12.29 -16.74	152.64 11.60 -18.96	151.11 12.05 -12.21	147.57 10.98 -22.22	146.39 10.86 -23.57	148.65 10.74 -26.07	152.77 11.39 -25.18	168.55 14.18 -3.50	218.72 16.45 -10.93	229.38 16.79 -7.87	217.45 15.78 -13.76	204.90 14.56 -12.82	189.46 12.45 -38.64	174.10 13.08 -12.43	164.02 11.76 -12.26
TRINITY__115KV__4 BK 55933	144.22 4.20 -26.46	142.33 4.22 -24.10	138.40 4.45 -19.93	138.88 4.47 -19.92	144.33 4.35 -25.37	147.90 5.29 -3.47	176.59 5.14 -28.74	217.13 4.88 -68.86	207.60 5.63 -45.44	173.35 5.02 -36.13	149.90 4.64 -23.19	146.60 4.82 -14.94	145.77 4.23 -27.16	141.57 4.14 -25.47	144.60 4.14 -28.61	148.41 3.72 -28.49	156.04 4.83 -0.35	201.59 4.78 -5.47	209.63 4.91 0.00	192.60 4.70 0.00	181.79 4.26 0.00	171.77 4.15 -29.26	157.61 4.61 -4.41	158.77 5.04 -13.73
UNION__PROCESSING_DRP 323587	111.58 -5.11 -3.13	111.74 -5.13 -2.85	111.36 -5.02 -2.36	112.04 -4.81 -2.36	112.79 -4.81 -3.00	132.63 -6.54 -0.03	135.72 -7.42 -0.43	136.21 -8.89 -1.71	142.09 -10.64 3.79	123.35 -9.39 -0.54	115.00 -8.67 -1.59	118.98 -8.88 -1.02	106.52 -8.69 -0.83	105.19 -8.51 -1.74	105.09 -8.50 -1.75	109.90 -8.25 -1.95	140.47 -10.41 -0.01	179.08 -12.25 0.00	183.96 -14.54 6.22	164.87 -13.72 9.32	152.63 -13.49 11.40	129.93 -10.10 -1.66	139.23 -9.36 0.00	133.21 -7.42 -0.63
UPPER HUDSON__HYD 24058	150.69 9.77 -27.36	148.52 9.58 -24.92	144.31 9.69 -20.61	144.94 9.85 -20.60	150.92 10.09 -26.24	157.88 12.38 -6.35	205.02 13.27 -49.03	271.49 13.05 -115.05	263.15 14.88 -91.74	201.86 12.42 -57.24	157.42 11.35 -23.99	153.58 11.28 -15.45	152.20 9.72 -28.11	147.72 9.41 -26.36	150.63 9.17 -29.61	155.68 9.99 -29.48	165.33 13.87 -0.59	220.18 17.80 -11.05	223.15 18.43 0.00	205.00 17.10 0.00	193.32 15.79 0.00	201.03 12.72 -49.94	171.16 13.66 -8.91	171.33 12.46 -18.88
UPPER RAQUET__HYD 24056	112.47 -1.48 -0.39	112.43 -1.94 -0.35	112.37 -1.94 -0.29	112.49 -2.29 -0.29	112.56 -2.41 -0.37	136.22 -2.93 0.00	139.80 -3.00 -0.09	143.03 -0.71 -0.35	153.23 -3.29 0.00	129.12 -3.17 -0.10	119.24 -3.55 -0.34	123.51 -5.71 -0.22	112.49 -2.29 -0.40	110.43 -1.90 -0.37	109.80 -2.46 -0.42	111.85 -4.77 -0.42	144.23 -6.63 0.00	188.08 -3.25 0.00	202.27 -2.45 0.00	185.09 -2.81 0.00	175.04 -2.49 0.00	133.80 -4.56 0.00	143.69 -4.90 0.00	136.77 -3.36 -0.13
VALLEY44_115KV_TB2 355964	106.52 -11.47 -4.43	106.76 -11.29 -4.03	106.06 -11.29 -3.33	106.83 -10.99 -3.33	107.84 -11.00 -4.24	127.92 -11.41 -0.18	131.00 -13.13 -1.42	133.68 -13.34 -3.63	142.71 -7.83 5.99	125.02 -6.61 0.56	117.73 -5.74 -1.40	122.02 -5.71 -0.89	107.77 -6.06 0.54	106.44 -7.05 -1.53	107.19 -5.93 -1.27	112.57 -5.35 -1.72	143.63 -7.24 -0.01	180.47 -11.10 -0.23	180.74 -11.05 12.93	157.99 -10.33 19.59	142.81 -10.65 24.07	133.58 -7.20 -2.41	140.46 -8.32 -0.20	129.58 -11.20 -0.78
VALLEY__115KV_TB 1-4 80826	115.15 1.59 0.00	115.73 1.71 0.00	115.62 1.60 0.00	116.09 1.60 0.00	116.32 1.72 0.00	141.37 2.23 0.00	145.14 2.43 0.00	145.68 2.29 0.00	159.19 2.66 0.00	134.45 2.25 0.00	124.03 1.95 0.00	128.74 1.90 0.00	116.09 1.72 0.00	113.52 1.57 0.00	113.08 1.23 0.00	117.59 1.39 0.00	152.83 1.96 0.00	193.44 2.10 0.00	206.97 2.25 0.00	189.97 2.07 0.00	179.48 1.95 0.00	140.16 1.80 0.00	151.26 2.67 0.00	142.52 2.52 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	130.56 7.49 -9.50	130.54 7.87 -8.65	128.82 7.64 -7.16	129.31 7.67 -7.15	131.39 7.68 -9.11	149.94 9.88 -0.92	161.29 10.56 -8.01	175.21 10.90 -20.92	182.73 13.15 -13.06	155.67 10.71 -12.76	140.07 9.64 -8.35	141.98 9.77 -5.38	132.50 8.35 -9.78	128.96 7.84 -9.17	129.86 7.72 -10.30	135.17 8.71 -10.25	162.46 11.47 -0.12	207.45 14.54 -1.57	223.64 15.56 -3.36	202.21 14.28 -0.02	190.50 12.96 -0.02	159.45 10.79 -10.29	161.44 11.59 -1.27	155.10 10.50 -4.60
VISCHER__FERRY HYD 24020	146.72 6.36 -26.80	144.69 6.27 -24.41	140.47 6.27 -20.19	141.07 6.41 -20.18	146.83 6.53 -25.70	152.38 8.07 -5.17	191.35 7.99 -40.65	250.16 8.02 -98.75	241.23 9.07 -75.63	189.66 7.66 -49.80	152.66 7.08 -23.50	149.21 7.23 -15.14	148.31 6.40 -27.54	144.05 6.27 -25.82	147.11 6.26 -29.00	151.82 6.74 -28.88	160.58 9.20 -0.51	210.58 10.13 -9.11	215.16 10.44 0.00	197.86 9.95 0.00	186.93 9.40 0.00	189.38 8.30 -42.71	164.85 8.91 -7.34	164.98 7.98 -17.01
V_A_10_SYNC_DSASP 323832	108.35 -8.64 -3.43	108.47 -8.67 -3.12	108.05 -8.55 -2.58	108.83 -8.24 -2.58	109.64 -8.25 -3.29	128.59 -10.58 -0.03	129.72 -13.42 -0.43	129.89 -15.20 -1.70	133.62 -18.15 4.75	117.04 -15.47 -0.31	109.36 -14.28 -1.57	113.39 -14.46 -1.01	101.32 -13.61 -0.55	100.59 -13.10 -1.73	100.43 -13.09 -1.67	104.88 -13.25 -1.93	134.74 -16.14 -0.01	170.48 -20.85 0.01	174.81 -22.11 7.80	153.25 -22.93 11.72	141.01 -22.20 14.32	123.73 -16.47 -1.83	133.29 -15.30 0.00	128.44 -12.18 -0.63
V_CMM_10_SYNC_DSASP 323787	111.97 -1.59 0.00	112.19 -1.83 0.00	112.31 -1.71 0.00	112.65 -1.84 0.00	112.65 -1.95 0.00	136.78 -2.37 0.00	140.00 -2.72 0.00	141.38 -2.01 0.00	153.23 -3.29 0.00	129.42 -2.78 0.00	119.51 -2.57 0.00	124.05 -2.79 0.00	112.32 -2.06 0.00	110.16 -1.80 0.00	110.17 -1.67 0.00	113.64 -2.56 0.00	147.25 -3.62 0.00	189.23 -2.10 0.00	203.50 -1.22 0.00	186.40 -1.51 0.00	176.47 -1.06 0.00	135.88 -2.49 0.00	145.62 -2.97 0.00	137.48 -2.52 0.00
V_CMP_10_SYNC_DSASP 323788	113.11 -0.45 0.00	113.34 -0.68 0.00	113.56 -0.45 0.00	113.92 -0.57 0.00	113.92 -0.68 0.00	138.59 -0.55 0.00	140.58 -2.14 0.00	142.10 -1.29 0.00	154.18 -2.34 0.00	129.95 -2.25 0.00	119.64 -2.44 0.00	124.05 -2.79 0.00	112.43 -1.95 0.00	110.05 -1.90 0.00	110.05 -1.79 0.00	113.88 -2.32 0.00	147.85 -3.02 0.00	190.57 -0.76 0.00	205.13 0.41 0.00	187.72 -0.19 0.00	177.53 0.00 0.00	136.71 -1.65 0.00	146.36 -2.22 0.00	138.04 -1.96 0.00
V_D_10_SYNC_DSASP 323841	112.20 -1.36 0.00	112.31 -1.71 0.00	112.31 -1.71 0.00	112.54 -1.95 0.00	112.42 -2.18 0.00	136.36 -2.78 0.00	139.71 -3.00 0.00	142.24 -1.15 0.00	153.08 -3.44 0.00	129.16 -3.04 0.00	119.15 -2.93 0.00	123.68 -3.17 0.00	112.32 -2.06 0.00	110.50 -1.46 0.00	110.39 -1.46 0.00	113.07 -3.13 0.00	146.49 -4.38 0.00	190.00 -1.33 0.00	204.31 -0.41 0.00	186.97 -0.93 0.00	177.00 -0.53 0.00	135.45 -2.91 0.00	145.02 -3.57 0.00	137.20 -2.80 0.00
V_E_10_SYNC_DSASP 323830	127.69 7.16 -6.97	127.77 7.41 -6.35	126.46 7.19 -5.25	126.84 7.10 -5.25	128.73 7.44 -6.68	149.89 10.30 -0.45	160.38 12.56 -5.11	171.56 12.76 -15.42	199.45 21.61 -21.32	163.67 16.12 -15.34	146.31 13.79 -10.44	146.77 13.19 -6.74	141.27 10.98 -15.91	133.39 9.96 -11.47	135.89 10.40 -13.64	141.80 12.78 -12.82	170.15 19.16 -0.12	219.27 26.98 -0.95	257.93 29.67 -23.54	247.32 26.11 -33.30	241.90 23.61 -40.76	163.53 18.55 -6.62	169.11 19.76 -0.75	162.73 17.92 -4.81
V_F_30_NSYNC__DSASP 323816	148.91 8.06 -27.28	146.85 7.98 -24.85	142.55 7.98 -20.55	143.16 8.13 -20.54	149.12 8.36 -26.16	155.50 10.15 -6.20	201.25 10.56 -47.97	266.84 10.46 -112.99	257.98 11.75 -89.71	198.42 9.92 -56.30	155.03 9.03 -23.92	151.51 9.25 -15.41	150.41 8.00 -28.03	145.96 7.72 -26.28	149.08 7.71 -29.52	154.08 8.48 -29.40	162.91 11.46 -0.58	216.30 14.16 -10.81	219.26 14.54 0.00	201.44 13.54 0.00	190.32 12.79 0.00	197.91 10.51 -49.03	168.59 11.29 -8.71	168.85 10.21 -18.64

V_F_30_SYNC_DSASP 323786	144.89 4.66 -26.68	142.87 4.56 -24.29	139.01 4.90 -20.09	139.38 4.81 -20.08	144.88 4.70 -25.58	149.15 5.84 -4.16	182.03 5.71 -33.60	229.76 5.16 -81.21	220.48 6.10 -57.84	179.25 5.29 -41.77	150.47 5.01 -23.38	147.10 5.20 -15.06	146.35 4.58 -27.39	142.13 4.48 -25.69	145.07 4.36 -28.86	148.88 3.95 -28.73	156.26 4.98 -0.41	203.66 5.36 -6.97	210.04 5.32 0.00	192.98 5.07 0.00	182.14 4.62 0.00	177.44 4.29 -34.79	158.96 4.75 -5.62	160.42 5.32 -15.11
V_XM_10_SYNC_DSASP 323789	113.11 -0.45 0.00	113.34 -0.68 0.00	113.56 -0.45 0.00	113.92 -0.57 0.00	113.92 -0.68 0.00	138.59 -0.55 0.00	140.58 -2.14 0.00	142.10 -1.29 0.00	154.18 -2.34 0.00	129.95 -2.25 0.00	119.64 -2.44 0.00	124.05 -2.79 0.00	112.43 -1.95 0.00	110.05 -1.90 0.00	110.05 -1.79 0.00	113.88 -2.32 0.00	147.85 -3.02 0.00	190.57 -0.76 0.00	205.13 0.41 0.00	187.72 -0.19 0.00	177.53 0.00 0.00	136.71 -1.65 0.00	146.36 -2.22 0.00	138.04 -1.96 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	141.49 7.04 -20.88	139.88 6.84 -19.02	136.48 6.73 -15.73	136.97 6.75 -15.72	141.50 6.88 -20.02	148.20 8.35 -0.71	160.05 8.85 -8.49	179.73 9.32 -27.02	175.28 10.80 -7.95	158.00 9.65 -16.15	149.41 9.03 -18.30	148.27 9.64 -11.79	144.40 8.58 -21.44	140.46 8.40 -20.11	142.71 8.28 -22.59	147.52 8.83 -22.49	162.01 11.01 -0.13	204.92 12.63 -0.96	217.62 12.90 0.00	199.93 12.03 0.00	188.71 11.18 0.00	158.89 9.69 -10.84	159.31 9.96 -0.77	156.74 8.82 -7.93
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	144.06 8.86 -21.64	142.39 8.67 -19.71	138.76 8.44 -16.30	139.25 8.47 -16.29	143.95 8.60 -20.75	150.32 10.44 -0.74	162.66 11.13 -8.81	182.90 11.47 -28.04	178.42 13.62 -8.28	161.11 12.16 -16.75	152.52 11.48 -18.97	151.24 12.18 -12.22	147.58 10.98 -22.22	143.66 10.86 -20.84	146.10 10.85 -23.41	150.66 11.16 -23.31	164.73 13.73 -0.13	208.02 15.69 -1.00	220.48 15.76 0.00	202.94 15.03 0.00	191.37 13.85 0.00	161.37 11.76 -11.24	161.87 12.48 -0.80	159.41 11.20 -8.22
W50THST__13_KV_LOAD 356117	144.06 8.86 -21.64	142.39 8.67 -19.71	138.87 8.55 -16.30	139.37 8.59 -16.29	144.06 8.71 -20.75	150.46 10.57 -0.74	162.80 11.27 -8.81	183.04 11.61 -28.04	178.42 13.62 -8.28	161.24 12.29 -16.75	152.64 11.60 -18.97	151.36 12.30 -12.22	147.69 11.09 -22.22	143.66 10.86 -20.84	146.21 10.96 -23.41	150.66 11.16 -23.31	164.73 13.73 -0.13	208.21 15.88 -1.00	220.69 15.97 0.00	202.94 15.03 0.00	191.37 13.85 0.00	161.37 11.76 -11.24	162.02 12.63 -0.80	159.55 11.34 -8.22
WADING RIVER_IC_1 23522	148.99 12.16 -23.27	149.00 12.08 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.51 15.91 -41.21	183.50 18.15 -8.82	164.01 15.07 -16.74	154.95 13.91 -18.96	153.13 14.08 -12.21	149.74 13.15 -22.21	148.17 12.65 -23.57	150.77 12.86 -26.07	155.09 13.70 -25.18	171.12 16.74 -3.50	223.13 20.86 -10.93	233.26 20.67 -7.87	221.78 20.12 -13.76	208.63 18.29 -12.82	192.50 15.49 -38.64	177.37 16.34 -12.43	167.38 15.12 -12.26
WADING RIVER_IC_2 23547	148.99 12.16 -23.27	149.00 12.08 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.51 15.91 -41.21	183.50 18.15 -8.82	164.01 15.07 -16.74	154.95 13.91 -18.96	153.13 14.08 -12.21	149.74 13.15 -22.21	148.17 12.65 -23.57	150.77 12.86 -26.07	155.09 13.70 -25.18	171.12 16.74 -3.50	223.13 20.86 -10.93	233.26 20.67 -7.87	221.78 20.12 -13.76	208.63 18.29 -12.82	192.50 15.49 -38.64	177.37 16.34 -12.43	167.38 15.12 -12.26
WADING RIVER_IC_3 23601	148.99 12.16 -23.27	149.00 12.08 -22.90	146.55 11.86 -20.67	146.46 11.91 -20.06	149.11 12.14 -22.37	154.54 14.33 -1.06	179.33 15.56 -21.06	200.51 15.91 -41.21	183.50 18.15 -8.82	164.01 15.07 -16.74	154.95 13.91 -18.96	153.13 14.08 -12.21	149.74 13.15 -22.21	148.17 12.65 -23.57	150.77 12.86 -26.07	155.09 13.70 -25.18	171.12 16.74 -3.50	223.13 20.86 -10.93	233.26 20.67 -7.87	221.78 20.12 -13.76	208.63 18.29 -12.82	192.50 15.49 -38.64	177.37 16.34 -12.43	167.38 15.12 -12.26
WALDENNY_12_KV_BK2 80841	107.68 -9.88 -4.00	107.86 -9.81 -3.65	107.23 -9.81 -3.02	108.00 -9.50 -3.01	108.93 -9.51 -3.84	127.77 -11.41 -0.03	129.43 -13.70 -0.42	129.54 -15.49 -1.64	135.60 -14.40 6.53	119.73 -12.29 0.17	112.56 -10.99 -1.47	116.62 -11.16 -0.94	103.46 -10.87 0.05	102.38 -11.20 -1.62	102.89 -10.40 -1.45	107.67 -10.34 -1.81	136.84 -14.03 -0.01	173.53 -17.79 0.01	173.93 -20.27 10.53	153.41 -18.60 15.89	139.50 -18.46 19.57	127.11 -13.42 -2.16	135.51 -13.08 0.00	128.55 -12.04 -0.60
WALDEN__HYDRO 24148	141.24 6.70 -20.98	139.74 6.61 -19.10	136.32 6.50 -15.80	136.81 6.53 -15.79	141.36 6.65 -20.11	147.95 8.07 -0.73	159.95 8.56 -8.67	179.79 9.03 -27.36	175.02 10.33 -8.16	157.61 9.12 -16.29	148.88 8.42 -18.38	147.56 8.88 -11.84	143.92 8.01 -21.54	139.99 7.84 -20.20	142.25 7.72 -22.69	147.16 8.37 -22.59	161.56 10.56 -0.13	204.56 12.25 -0.98	217.41 12.69 0.00	199.74 11.84 0.00	188.36 10.83 0.00	158.73 9.41 -10.96	159.04 9.66 -0.79	156.38 8.40 -7.98
WARRENSBURG____ 23737	150.69 9.77 -27.36	148.52 9.58 -24.92	144.31 9.69 -20.61	144.94 9.85 -20.60	150.92 10.09 -26.24	157.88 12.38 -6.35	205.02 13.27 -49.03	271.49 13.05 -115.05	263.15 14.88 -91.74	201.86 12.42 -57.24	157.42 11.35 -23.99	153.58 11.28 -15.45	152.20 9.72 -28.11	147.72 9.41 -26.36	150.63 9.17 -29.61	155.68 9.99 -29.48	165.33 13.87 -0.59	220.18 17.80 -11.05	223.15 18.43 0.00	205.00 17.10 0.00	193.32 15.79 0.00	201.03 12.72 -49.94	171.16 13.66 -8.91	171.33 12.46 -18.88
WATERSIDE__6 8 9 23538	143.96 8.74 -21.65	142.29 8.55 -19.72	138.65 8.32 -16.31	139.15 8.36 -16.30	143.84 8.48 -20.76	150.05 10.16 -0.74	162.23 10.70 -8.81	157.44 11.04 -3.01	152.77 12.99 16.75	138.03 11.90 6.07	143.03 11.23 -9.72	136.69 11.92 2.08	144.77 10.64 -19.75	143.20 10.41 -20.83	145.54 10.29 -23.40	146.18 10.81 -19.17	134.22 13.28 29.93	182.42 15.12 24.03	195.05 15.35 25.03	176.21 14.47 26.16	164.68 13.31 26.16	137.58 11.48 12.27	161.58 12.18 -0.81	159.14 10.92 -8.23
WATKINRD_115KV_LN8_ILLION 55919	115.26 1.70 0.00	115.73 1.71 0.00	115.62 1.60 0.00	116.21 1.72 0.00	116.32 1.72 0.00	141.37 2.23 0.00	145.14 2.43 0.00	145.68 2.29 0.00	159.19 2.66 0.00	134.45 2.25 0.00	124.03 1.95 0.00	128.87 2.03 0.00	116.09 1.72 0.00	113.52 1.57 0.00	113.30 1.45 0.00	117.83 1.63 0.00	153.13 2.26 0.00	193.82 2.49 0.00	207.18 2.46 0.00	190.35 2.44 0.00	179.66 2.13 0.00	140.44 2.08 0.00	151.11 2.53 0.00	142.38 2.38 0.00
WATSON__69_KV_BK 1 55734	149.10 12.26 -23.27	149.12 12.20 -22.90	146.66 11.97 -20.67	146.69 12.14 -20.06	149.35 12.38 -22.37	154.51 14.33 -1.03	178.30 14.56 -21.03	200.92 16.35 -41.19	182.85 17.53 -8.79	164.54 15.60 -16.74	155.44 14.40 -18.96	153.77 14.71 -12.21	149.97 13.38 -22.22	148.74 13.21 -23.57	151.23 13.31 -26.07	155.44 14.06 -25.18	172.32 17.95 -3.50	224.65 22.39 -10.93	235.93 23.34 -7.87	223.27 21.61 -13.76	210.05 19.71 -12.82	193.06 16.05 -38.64	177.96 16.94 -12.43	167.66 15.40 -12.26
WDELAWARE__HYD 323627	140.24 6.93 -19.75	138.85 6.84 -17.99	135.62 6.73 -14.88	136.23 6.87 -14.87	140.41 6.88 -18.94	148.40 8.49 -0.76	160.94 9.56 -8.66	179.84 9.89 -26.57	176.16 11.11 -8.52	157.44 9.52 -15.71	147.92 8.54 -17.30	146.99 9.01 -11.14	142.53 7.89 -20.27	138.58 7.62 -19.01	140.91 7.71 -21.35	145.93 8.48 -21.26	161.71 10.71 -0.13	205.18 12.82 -1.03	218.02 13.30 0.00	200.31 12.40 0.00	188.90 11.37 0.00	159.15 10.10 -10.69	159.66 10.24 -0.83	156.42 8.83 -7.60

WEST BABYLON___IC 23714	148.42 11.58 -23.27	148.43 11.52 -22.90	145.98 11.29 -20.67	145.89 11.33 -20.06	148.55 11.57 -22.37	153.94 13.78 -1.02	178.00 14.27 -21.02	199.76 15.20 -41.17	182.37 17.06 -8.78	163.75 14.81 -16.74	154.83 13.79 -18.96	153.26 14.21 -12.21	149.52 12.92 -22.22	148.29 12.76 -23.57	150.67 12.75 -26.07	154.98 13.60 -25.18	171.57 17.20 -3.50	223.31 21.05 -10.93	234.50 21.91 -7.87	222.14 20.48 -13.76	208.98 18.64 -12.82	192.36 15.36 -38.64	177.07 16.05 -12.43	166.82 14.56 -12.26
WEST CANADA___HYD 24049	114.70 1.14 0.00	115.16 1.14 0.00	115.16 1.14 0.00	115.63 1.14 0.00	115.75 1.15 0.00	140.54 1.39 0.00	144.14 1.43 0.00	144.82 1.43 0.00	158.25 1.72 0.00	133.66 1.46 0.00	123.42 1.35 0.00	128.24 1.40 0.00	115.64 1.26 0.00	113.08 1.12 0.00	112.97 1.12 0.00	117.48 1.28 0.00	152.53 1.66 0.00	193.05 1.72 0.00	206.16 1.44 0.00	189.40 1.50 0.00	178.94 1.41 0.00	139.89 1.52 0.00	150.22 1.64 0.00	141.54 1.54 0.00
WESTERN_NY_WIND 24143	110.18 -6.93 -3.55	110.30 -6.96 -3.23	109.85 -6.84 -2.67	110.64 -6.53 -2.67	111.59 -6.42 -3.40	130.69 -8.49 -0.03	133.01 -10.13 -0.43	133.17 -11.90 -1.68	139.07 -12.37 5.09	121.30 -11.10 -0.21	112.87 -10.74 -1.53	116.79 -11.04 -0.98	104.39 -10.41 -0.42	102.90 -10.75 -1.69	103.50 -9.95 -1.61	108.09 -9.99 -1.89	138.20 -12.67 -0.01	176.40 -14.92 0.01	178.80 -17.61 8.31	159.23 -16.16 12.52	145.88 -16.33 15.31	127.82 -12.45 -1.90	137.15 -11.44 0.00	130.95 -9.66 -0.61
WESTOVER___LESR 323668	119.63 -1.14 -7.21	119.56 -1.03 -6.57	118.42 -1.03 -5.43	119.00 -0.92 -5.43	120.60 -0.92 -6.91	138.77 -0.70 -0.32	145.28 -0.71 -3.28	152.96 -0.14 -9.71	156.86 -0.16 -0.49	136.27 -0.40 -4.46	127.07 -0.49 -5.49	129.99 -0.38 -3.53	119.19 -0.80 -5.62	117.54 -0.45 -6.03	117.55 -0.89 -6.60	122.48 -0.46 -6.74	150.61 -0.30 -0.04	191.18 -0.57 -0.42	199.01 -0.82 4.89	179.64 -0.94 7.33	167.30 -1.24 8.98	142.07 -0.42 -4.12	148.48 -0.45 -0.34	141.66 -0.84 -2.50
WETHRSFD_WT_PWR 323626	108.91 -9.09 -4.44	109.05 -9.01 -4.04	108.47 -8.89 -3.34	109.12 -8.71 -3.34	110.26 -8.60 -4.26	128.47 -10.85 -0.18	132.23 -11.84 -1.36	132.99 -13.77 -3.37	136.21 -13.46 6.86	119.31 -11.90 1.00	112.13 -11.11 -1.16	116.29 -11.29 -0.74	102.69 -10.63 1.06	102.27 -10.97 -1.28	102.38 -10.40 -0.93	107.40 -10.23 -1.43	138.20 -12.67 0.00	175.88 -15.69 -0.23	173.59 -16.58 14.56	149.62 -16.54 21.75	134.84 -15.98 26.71	129.01 -11.76 -2.41	137.19 -11.59 -0.20	129.92 -10.78 -0.70
WHAVSTOR_138KV_BK127 55557	141.06 6.59 -20.91	139.56 6.50 -19.04	136.04 6.27 -15.75	136.53 6.30 -15.74	141.18 6.53 -20.05	147.65 7.79 -0.71	159.49 8.28 -8.50	179.19 8.75 -27.05	174.66 10.17 -7.96	157.49 9.12 -16.17	148.95 8.55 -18.32	147.78 9.13 -11.80	143.97 8.12 -21.47	140.04 7.95 -20.13	142.40 7.94 -22.61	147.08 8.37 -22.52	161.41 10.41 -0.13	203.96 11.67 -0.96	216.59 11.87 0.00	199.18 11.27 0.00	187.82 10.30 0.00	158.35 9.13 -10.85	158.87 9.51 -0.77	156.19 8.26 -7.94
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	141.06 6.59 -20.91	139.56 6.50 -19.04	136.04 6.27 -15.75	136.53 6.30 -15.74	141.18 6.53 -20.05	147.65 7.79 -0.71	159.49 8.28 -8.50	179.19 8.75 -27.05	174.66 10.17 -7.96	157.49 9.12 -16.17	148.95 8.55 -18.32	147.78 9.13 -11.80	143.97 8.12 -21.47	140.04 7.95 -20.13	142.40 7.94 -22.61	147.08 8.37 -22.52	161.41 10.41 -0.13	203.96 11.67 -0.96	216.59 11.87 0.00	199.18 11.27 0.00	187.82 10.30 0.00	158.35 9.13 -10.85	158.87 9.51 -0.77	156.19 8.26 -7.94
WHITEHAL_115KV_TB1 80871	152.02 11.13 -27.33	149.74 10.83 -24.89	145.44 10.83 -20.58	146.17 11.11 -20.58	152.27 11.46 -26.20	159.91 14.47 -6.29	206.58 15.27 -48.59	272.64 15.06 -114.20	264.80 17.37 -90.90	203.32 14.28 -56.85	158.85 12.82 -23.96	154.96 12.68 -15.43	153.31 10.87 -28.07	148.69 10.41 -26.32	151.59 10.18 -29.57	157.14 11.50 -29.44	167.75 16.29 -0.59	223.71 21.43 -10.95	227.24 22.52 0.00	208.39 20.48 0.00	196.17 18.64 0.00	202.59 14.67 -49.56	173.16 15.75 -8.83	172.92 14.14 -18.78
WHITEPLN_13_KV_LOAD 356215	143.56 8.40 -21.60	141.90 8.21 -19.67	138.27 7.98 -16.27	138.76 8.01 -16.26	143.56 8.25 -20.71	149.90 10.02 -0.74	162.36 10.85 -8.79	182.84 11.47 -27.98	178.10 13.30 -8.27	160.81 11.90 -16.71	151.99 10.99 -18.93	150.70 11.67 -12.19	146.96 10.41 -22.17	142.94 10.19 -20.80	145.27 10.07 -23.36	150.26 10.81 -23.26	164.58 13.58 -0.13	208.21 15.88 -1.00	221.10 16.38 0.00	203.13 15.22 0.00	191.37 13.85 0.00	161.35 11.76 -11.22	161.72 12.33 -0.80	158.98 10.78 -8.20
WM_FLOYD_69_KV_BK2 356380	148.76 11.92 -23.27	148.77 11.86 -22.90	146.32 11.63 -20.67	146.23 11.68 -20.06	148.89 11.92 -22.37	154.82 14.61 -1.06	178.90 15.13 -21.05	200.09 15.49 -41.21	183.04 17.69 -8.82	163.75 14.81 -16.74	154.59 13.55 -18.96	152.88 13.83 -12.21	149.06 12.47 -22.22	147.96 12.43 -23.57	150.44 12.53 -26.07	154.63 13.25 -25.18	170.97 16.60 -3.50	223.12 20.86 -10.93	233.68 21.09 -7.87	221.77 20.11 -13.76	208.81 18.46 -12.82	191.95 14.94 -38.64	177.07 16.05 -12.43	167.10 14.84 -12.26
WOODARD___115KV_TB2 355635	113.84 -2.16 -2.44	114.19 -2.05 -2.22	113.80 -2.05 -1.83	114.26 -2.06 -1.83	114.99 -1.95 -2.34	136.80 -2.37 -0.02	141.27 -2.00 -0.55	143.48 -2.15 -2.24	154.02 -2.50 0.00	130.42 -2.38 -0.61	122.01 -2.20 -2.13	125.93 -2.28 -1.37	114.36 -2.52 -2.49	111.83 -2.46 -2.34	111.79 -2.68 -2.63	116.61 -2.21 -2.62	148.30 -2.56 0.00	188.27 -3.06 0.00	201.04 -3.68 0.00	184.34 -3.57 0.00	173.80 -3.73 0.00	135.74 -2.63 0.00	145.91 -2.67 0.00	138.30 -2.52 -0.83
YORK___WARBASSE 23770	144.30 9.08 -21.65	142.52 8.78 -19.72	138.77 8.44 -16.31	139.27 8.47 -16.30	144.07 8.71 -20.76	150.33 10.44 -0.75	162.80 11.27 -8.81	358.26 11.61 -203.25	353.80 13.77 -183.50	349.60 12.56 -204.84	217.58 11.72 -83.78	251.75 12.56 -112.35	186.87 11.21 -61.29	194.00 10.97 -71.07	146.22 10.85 -23.52	179.94 11.39 -52.35	380.33 14.03 -215.43	383.62 16.07 -176.21	396.31 16.38 -175.21	386.64 15.60 -183.13	375.03 14.38 -183.13	326.54 12.31 -175.86	162.33 12.93 -0.81	159.70 11.48 -8.23