

Day Ahead Market Generator LBMP

Generator Data		--- LBMP \$																		--- Marginal Cost of Losses																		--- Marginal Cost of Congestion																		01/16/2024		
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	145.59	140.48	134.00	135.24	135.73	144.43	166.13	174.89	192.23	188.71	193.52	184.65	176.53	177.24	177.63	194.69	208.65	299.21	246.83	206.88	184.85	174.72	161.32	152.58																																	
		9.94	8.66	8.28	8.55	9.13	12.15	12.44	15.46	16.99	16.33	16.95	16.49	16.17	14.47	16.09	16.02	16.70	21.02	19.75	17.95	15.42	14.78	10.15	8.15																																	
		-37.15	-39.65	-34.69	-35.73	-30.57	-0.19	0.00	-0.01	-0.01	-5.89	-0.01	-0.01	-1.89	-19.48	-2.16	-10.12	-12.44	-41.94	-0.01	-0.09	-0.01	-5.97	-53.59	-51.90																																	
74TH STREET_GT_1	24260	145.69	140.58	134.19	135.43	135.82	144.57	166.14	174.26	191.72	191.83	192.82	183.97	177.06	178.83	178.06	200.14	213.45	316.63	247.53	206.90	184.86	175.02	162.71	152.78																																	
		10.05	8.76	8.47	8.73	9.22	12.29	12.45	14.83	16.47	15.98	16.24	15.81	15.69	14.19	15.62	15.51	16.34	21.03	20.44	17.94	15.42	14.63	9.76	8.33																																	
		-37.16	-39.66	-34.70	-35.73	-30.58	-0.19	-0.01	-0.02	-0.02	-9.36	-0.02	-0.02	-2.90	-21.36	-3.05	-16.08	-17.60	-59.35	-0.02	-0.12	-0.02	-6.42	-55.38	-51.91																																	
74TH STREET_GT_2	24261	145.69	140.58	134.19	135.43	135.82	144.57	166.14	174.26	191.72	191.83	192.82	183.97	177.06	178.83	178.06	200.14	213.45	316.63	247.53	206.90	184.86	175.02	162.71	152.78																																	
		10.05	8.76	8.47	8.73	9.22	12.29	12.45	14.83	16.47	15.98	16.24	15.81	15.69	14.19	15.62	15.51	16.34	21.03	20.44	17.94	15.42	14.63	9.76	8.33																																	
		-37.16	-39.66	-34.70	-35.73	-30.58	-0.19	-0.01	-0.02	-0.02	-9.36	-0.02	-0.02	-2.90	-21.36	-3.05	-16.08	-17.60	-59.35	-0.02	-0.12	-0.02	-6.42	-55.38	-51.91																																	
ADK HUDSON___FALLS	24011	152.08	148.53	140.82	141.98	140.80	141.32	165.67	172.33	186.09	176.48	186.97	178.24	168.93	170.95	169.27	178.16	190.10	250.66	240.70	201.12	180.61	172.11	170.24	166.66																																	
		6.30	5.90	5.64	5.55	5.86	8.98	11.99	12.91	10.86	9.99	10.42	10.09	10.46	9.17	9.88	9.61	10.59	14.41	13.62	12.27	11.18	10.32	8.20	7.96																																	
		-47.28	-50.47	-44.15	-45.47	-38.91	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.49	0.00	0.00	0.00	0.00	0.00	0.00	-7.82	-64.47	-66.17																																		
ADK RESOURCE___RCVRY	23798	152.41	148.84	141.12	142.37	141.12	141.72	166.74	169.63	186.97	177.31	187.69	179.07	169.72	171.67	170.07	179.00	191.17	252.08	242.06	202.06	181.63	172.61	170.87	167.26																																	
		6.60	6.18	5.91	5.91	6.15	9.38	13.06	10.21	11.74	10.82	11.13	10.92	11.25	9.88	10.68	10.45	11.66	15.83	14.98	13.21	12.21	11.09	8.79	8.51																																	
		-47.31	-50.50	-44.18	-45.50	-38.94	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.55	-64.51	-66.21																																	
ADK S GLENS___FALLS	24028	152.08	148.53	140.82	141.98	140.80	141.32	165.67	172.33	186.09	176.48	186.97	178.24	168.93	170.95	169.27	178.16	190.10	266.68	240.70	201.12	180.61	172.11	170.24	166.66																																	
		6.30	5.90	5.64	5.55	5.86	8.98	11.99	12.91	10.86	9.99	10.42	10.09	10.46	9.17	9.88	9.61	10.59	14.41	13.62	12.27	11.18	10.32	8.20	7.96																																	
		-47.28	-50.47	-44.15	-45.47	-38.91	-0.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.49	0.00	0.00	0.00	-16.01	0.00	0.00	0.00	-7.82	-64.47	-66.17																																	
ADK_NYS___DAM	23527	150.23	146.41	139.28	140.40	139.42	140.91	162.29	168.50	186.10	175.98	186.79	178.23	168.62	170.12	169.27	178.49	190.10	250.19	240.47	200.36	180.11	171.42	166.19	162.84																																	
		6.01	5.44	5.55	5.46	5.76	8.58	8.60	9.08	10.87	9.49	10.24	10.09	10.15	8.89	9.89	9.94	10.59	13.94	13.39	11.52	10.68	10.16	6.25	6.30																																	
		-45.73	-48.81	-42.70	-43.98	-37.64	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.94	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.29	-62.36	-64.00																																	
AIR_PRODUCTS___DRP	24190	148.30	144.81	137.50	138.71	137.61	137.88	158.76	164.68	181.36	172.49	182.56	174.37	164.81	166.87	165.44	173.27	183.46	241.21	231.84	193.56	173.49	165.59	162.86	159.98																																	
		3.94	3.69	3.64	3.64	3.84	5.55	5.07	5.26	6.13	5.99	6.00	6.22	6.34	5.59	6.06	4.72	3.95	4.96	4.77	4.72	4.07	4.00	2.73	3.24																																	
		-45.86	-48.95	-42.83	-44.11	-37.75	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.61	-62.56	-64.20																																	
AKWESSNE_115KV_BK	355683	94.75	88.66	87.48	87.32	92.47	128.00	150.30	155.11	170.50	162.33	172.32	164.11	154.19	139.42	155.56	165.18	175.92	232.00	222.99	184.31	165.87	150.89	94.94	89.39																																	
		-3.74	-3.50	-3.55	-3.64	-3.55	-4.10	-3.38	-4.30	-4.73	-4.16	-4.24	-4.04	-4.28	-3.87	-3.83	-3.37	-3.59	-4.25	-4.09	-4.53	-3.56	-3.08	-2.63	-3.15																																	
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	148.46	144.94	137.73	138.83	137.92	139.06	161.52	167.07	183.81	174.49	184.68	176.38	166.55	168.02	167.19	175.79	186.88	245.23	235.92	196.77	176.54	168.09	163.49	160.29																																	
		5.02	4.79	4.73	4.64	4.89	6.73	7.83	7.65	8.58	7.99	8.13	8.24	8.08	7.02	7.81	7.24	7.36	8.98	8.85	7.93	7.11	6.93	4.49	4.72																																	
		-44.95	-47.98	-41.98	-43.23	-37.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.18	-61.42	-63.04																																	
ALBANY_2_SOLAR	323834	148.47	144.85	137.74	138.84	137.92	139.06	161.52	167.07	183.81	174.49	184.68	176.38	166.55	167.88	167.19	175.79	186.70	245.23	235.92	196.77	176.54	168.09	163.40	160.20																																	
		5.02	4.70	4.73	4.64	4.89	6.73	7.83	7.65	8.58	7.99	8.13	8.24	8.08	6.88	7.81	7.24	7.19	8.98	8.85	7.93	7.11	6.93	4.39	4.62																																	
		-44.96	-47.99	-41.98	-43.24	-37.00	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-17.71	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.18	-61.42	-63.04																																	
ALBANY___1	23571	148.30	144.81	137.50	138.71	137.61	137.88	158.76	164.68	181.36	172.49	182.56	174.37	164.81	166.87	165.44	173.27	183.46	241.21	231.84	193.56	173.49	165.59	162.86	159.98																																	
		3.94	3.69	3.64	3.64	3.84	5.55	5.07	5.26	6.13	5.99	6.00	6.22	6.34	5.59	6.06	4.72	3.95	4.96	4.77	4.72	4.07	4.00	2.73	3.24																																	
		-45.86	-48.95	-42.83	-44.11	-37.75	-0.23	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-18.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-7.61	-62.56	-64.20																																	

ALBANY___2 23572	148.30 3.94 -45.86	144.81 3.69 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.61 3.84 -37.75	137.88 5.55 -0.23	158.76 5.07 0.00	164.68 5.26 0.00	181.36 6.13 0.00	172.49 5.99 0.00	182.56 6.00 0.00	174.37 6.22 0.00	164.81 6.34 0.00	166.87 5.59 -18.00	165.44 6.06 0.00	173.27 4.72 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.84 4.77 0.00	193.56 4.72 0.00	173.49 4.07 0.00	165.59 4.00 -7.61	162.86 2.73 -62.56	159.98 3.24 -64.20
ALBANY___3 23573	148.30 3.94 -45.86	144.81 3.69 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.61 3.84 -37.75	137.88 5.55 -0.23	158.76 5.07 0.00	164.68 5.26 0.00	181.36 6.13 0.00	172.49 5.99 0.00	182.56 6.00 0.00	174.37 6.22 0.00	164.81 6.34 0.00	166.87 5.59 -18.00	165.44 6.06 0.00	173.27 4.72 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.84 4.77 0.00	193.56 4.72 0.00	173.49 4.07 0.00	165.59 4.00 -7.61	162.86 2.73 -62.56	159.98 3.24 -64.20
ALBANY___4 23574	148.30 3.94 -45.86	144.81 3.69 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.61 3.84 -37.75	137.88 5.55 -0.23	158.76 5.07 0.00	164.68 5.26 0.00	181.36 6.13 0.00	172.49 5.99 0.00	182.56 6.00 0.00	174.37 6.22 0.00	164.81 6.34 0.00	166.87 5.59 -18.00	165.44 6.06 0.00	173.27 4.72 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.84 4.77 0.00	193.56 4.72 0.00	173.49 4.07 0.00	165.59 4.00 -7.61	162.86 2.73 -62.56	159.98 3.24 -64.20
ALBANY___LFGE 323615	149.39 4.63 -46.27	145.79 4.24 -49.38	138.51 4.28 -43.20	139.65 4.19 -44.50	138.52 4.42 -38.08	138.67 6.34 -0.23	160.14 6.45 0.00	166.26 6.85 0.00	183.12 7.89 0.00	174.16 7.66 0.00	184.32 7.76 0.00	176.05 7.90 0.00	166.55 8.08 0.00	168.45 7.02 -18.14	167.04 7.65 0.00	175.12 6.57 0.00	185.62 6.11 0.00	244.04 7.78 0.00	234.56 7.48 0.00	195.63 6.79 0.00	175.35 5.93 0.00	167.05 5.70 -7.38	164.38 3.71 -63.10	161.47 4.17 -64.76
ALCOA_PA_115KV_PL-6C 55860	93.86 -4.63 0.00	87.83 -4.33 0.00	86.66 -4.37 0.00	86.50 -4.46 0.00	91.61 -4.42 0.00	127.21 -4.89 0.00	150.46 -3.23 0.00	155.43 -3.99 0.00	170.85 -4.38 0.00	162.67 -3.83 0.00	172.85 -3.71 0.00	164.45 -3.70 0.00	154.51 -3.96 0.00	139.85 -3.44 0.00	155.88 -3.51 0.00	165.52 -3.03 0.00	176.28 -3.23 0.00	232.47 -3.78 0.00	223.44 -3.63 0.00	184.50 -4.34 0.00	166.04 -3.39 0.00	151.04 -2.93 0.00	95.14 -2.44 0.00	88.65 -3.89 0.00
ALCOA_RYNLDS___DRP 24188	93.86 -4.63 0.00	87.83 -4.33 0.00	86.66 -4.37 0.00	86.50 -4.46 0.00	91.61 -4.42 0.00	127.21 -4.89 0.00	150.46 -3.23 0.00	155.43 -3.99 0.00	170.85 -4.38 0.00	162.67 -3.83 0.00	172.85 -3.71 0.00	164.45 -3.70 0.00	154.51 -3.96 0.00	139.85 -3.44 0.00	155.88 -3.51 0.00	165.52 -3.03 0.00	176.28 -3.23 0.00	232.47 -3.78 0.00	223.44 -3.63 0.00	184.50 -4.34 0.00	166.04 -3.39 0.00	151.04 -2.93 0.00	95.14 -2.44 0.00	88.65 -3.89 0.00
ALCOA___DSASP 323711	93.86 -4.63 0.00	87.83 -4.33 0.00	86.66 -4.37 0.00	86.51 -4.46 0.00	91.61 -4.42 0.00	127.08 -5.02 0.00	150.45 -3.23 0.00	155.44 -3.98 0.00	170.85 -4.37 0.00	162.67 -3.82 0.00	172.84 -3.72 0.00	164.45 -3.70 0.00	154.51 -3.96 0.00	139.85 -3.44 0.00	155.88 -3.51 0.00	165.52 -3.03 0.00	176.29 -3.23 0.00	232.46 -3.79 0.00	223.43 -3.64 0.00	184.51 -4.34 0.00	166.04 -3.39 0.00	151.04 -2.93 0.00	95.14 -2.44 0.00	88.65 -3.88 0.00
ALLEGHENY___COGEN 23514	108.84 3.94 -6.40	102.41 3.41 -6.83	100.46 3.46 -5.98	100.66 3.54 -6.16	105.42 4.13 -5.27	136.75 4.62 -0.03	159.84 6.15 0.00	167.23 7.81 0.00	171.21 -4.02 0.00	161.84 -4.66 0.00	172.32 -4.24 0.00	162.26 -5.89 0.00	152.13 -6.34 0.00	141.63 -5.88 -4.22	152.54 -6.85 0.00	159.45 -9.10 0.00	171.98 -7.53 0.00	225.39 -10.86 0.00	216.41 -10.67 0.00	182.42 -6.42 0.00	161.81 -7.62 0.00	154.99 0.00 -1.02	108.38 2.05 -8.75	104.20 2.69 -8.98
ALTAMONT_115KV_TB 2 55880	148.47 4.14 -45.84	145.06 3.96 -48.93	137.75 3.91 -42.81	138.96 3.91 -44.09	137.88 4.13 -37.73	137.88 5.55 -0.23	159.22 5.53 0.00	165.63 6.22 0.00	182.06 6.83 0.00	172.99 6.49 0.00	183.27 6.71 0.00	174.70 6.56 0.00	165.12 6.66 0.00	167.29 6.02 -17.98	165.92 6.53 0.00	174.62 6.07 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.53 6.10 0.00	167.27 5.70 -7.61	164.00 3.90 -62.52	160.50 3.79 -64.17
ALTONA_WT_PWR 323606	96.03 -2.46 0.00	89.77 -2.40 0.00	88.84 -2.19 0.00	88.23 -2.73 0.00	93.82 -2.20 0.00	127.87 -4.23 0.00	147.38 -6.31 0.00	153.19 -6.22 0.00	169.09 -6.14 0.00	161.83 -4.66 0.00	171.80 -4.76 0.00	162.60 -5.54 0.00	154.83 -3.64 0.00	139.85 -3.44 0.00	155.56 -3.83 0.00	162.65 -5.90 0.00	172.69 -6.82 0.00	228.93 -7.33 0.00	220.27 -6.81 0.00	181.48 -7.37 0.00	162.99 -6.44 0.00	150.27 -3.70 0.00	95.14 -2.44 0.00	90.87 -1.66 0.00
AMERICAN_REF_FUEL 24010	98.08 -6.01 -5.60	92.61 -5.53 -5.97	90.97 -5.28 -5.23	91.16 -5.18 -5.38	95.45 -5.19 -4.61	122.49 -9.64 -0.03	140.31 -13.37 0.00	145.07 -14.35 -0.01	158.58 -16.65 -0.01	150.35 -16.15 -0.01	159.44 -17.12 -0.01	149.99 -18.16 -0.01	140.88 -17.59 -0.01	131.12 -16.05 -3.88	141.07 -18.32 -0.01	145.79 -22.76 0.00	155.28 -24.24 -0.01	204.36 -31.90 -0.01	196.42 -30.66 -0.01	165.24 -23.61 -0.01	146.39 -23.04 0.00	134.69 -20.16 -0.88	95.55 -9.56 -7.54	92.87 -7.41 -7.74
ARKWRIGHT___SUMMIT_WT_PWR 323751	103.68 -1.18 -6.36	98.03 -0.92 -6.79	96.15 -0.82 -5.94	96.45 -0.63 -6.12	100.97 -0.29 -5.24	128.83 -3.30 -0.03	152.30 -1.39 0.00	157.83 -1.59 -0.01	172.42 -2.81 -0.01	163.33 -3.17 -0.01	172.68 -3.89 -0.01	163.11 -5.04 -0.01	152.92 -5.55 -0.01	139.03 -8.45 -4.19	152.22 -7.17 -0.01	157.08 -11.47 0.00	166.95 -12.57 -0.01	220.19 -16.07 -0.01	211.63 -15.45 -0.01	178.09 -10.76 -0.01	157.56 -11.86 0.00	142.36 -12.62 -1.01	101.23 -4.97 -8.62	98.24 -3.15 -8.85
ARTHUR KILL_GT_1 23520	146.20 10.54 -37.16	140.87 9.04 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.31 9.69 -30.59	144.85 12.56 -0.20	166.44 12.75 -0.01	173.30 13.86 -0.02	190.48 15.24 -0.02	190.66 14.81 -9.36	191.76 15.19 -0.02	182.79 14.62 -0.02	175.94 14.57 -2.90	177.82 13.17 -21.36	176.94 14.50 -3.05	199.29 14.66 -16.08	212.91 15.80 -17.60	316.88 21.27 -59.35	247.29 20.20 -0.02	206.91 17.95 -0.12	184.70 15.25 -0.02	174.44 14.47 -6.01	162.42 9.46 -55.38	152.96 8.51 -51.92
ARTHUR_KILL_2 23512	145.90 10.24 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	136.03 9.42 -30.59	144.44 12.15 -0.20	165.99 12.30 -0.01	172.83 13.39 -0.02	189.97 14.72 -0.02	190.17 14.32 -9.36	191.22 14.65 -0.02	182.29 14.13 -0.02	175.47 14.10 -2.90	177.40 12.75 -21.36	176.47 14.03 -3.05	198.79 14.16 -16.08	212.36 15.25 -17.60	315.93 20.32 -59.35	246.62 19.53 -0.02	206.15 17.18 -0.12	184.18 14.73 -0.02	173.84 13.86 -6.01	162.13 9.17 -55.38	152.69 8.23 -51.92
ARTHUR_KILL_3 23513	144.51 8.87 -37.15	139.47 7.65 -39.66	133.09 7.37 -34.69	134.33 7.64 -35.73	134.76 8.16 -30.58	142.98 10.70 -0.19	164.29 10.60 -0.01	172.97 13.54 -0.02	189.61 14.37 -0.01	188.02 13.81 -7.71	190.86 14.29 -0.01	182.11 13.95 -0.02	174.84 13.95 -2.43	176.22 12.46 -20.47	175.72 13.71 -2.63	195.30 13.49 -13.26	208.84 14.18 -15.15	275.33 18.19 -20.89	244.33 17.25 -0.01	204.61 15.67 -0.10	182.82 13.38 -0.01	172.73 12.77 -5.99	161.19 9.08 -54.53	151.57 7.13 -51.91

ARTHUR_KILL_COGEN 323718	146.20 10.54 -37.16	140.87 9.04 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.31 9.69 -30.59	144.85 12.56 -0.20	166.44 12.75 -0.01	173.30 13.86 -0.02	190.48 15.24 -0.02	190.66 14.81 -9.36	191.76 15.19 -0.02	182.79 14.62 -0.02	175.94 14.57 -2.90	177.82 13.17 -21.36	176.94 14.50 -3.05	199.29 14.66 -16.08	212.91 15.80 -17.60	316.88 21.27 -59.35	247.29 20.20 -0.02	206.91 17.95 -0.12	184.70 15.25 -0.02	174.44 14.47 -6.01	162.42 9.46 -55.38	152.96 8.51 -51.92
ASHOKAN____ 23654	143.60 3.84 -41.27	139.16 2.95 -44.05	132.66 3.10 -38.54	133.65 3.00 -39.69	133.26 3.27 -33.96	137.45 5.15 -0.21	166.29 12.60 0.00	170.73 11.32 0.00	186.61 11.38 0.00	177.48 10.99 0.00	187.69 11.13 0.00	179.24 11.10 0.00	168.76 10.29 0.00	164.59 4.72 -16.57	169.27 9.89 0.00	178.83 10.28 0.00	190.65 11.13 0.00	251.14 14.89 0.00	241.39 14.31 0.00	201.11 12.27 0.00	179.76 10.34 0.00	166.48 5.85 -6.66	158.20 3.71 -56.92	154.28 3.33 -58.42
ASTORIA_EAST_ENERGY_CC1 323581	145.41 9.75 -37.16	140.49 8.66 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	174.08 14.66 -0.01	191.18 15.94 -0.01	189.52 15.31 -7.72	192.46 15.90 -0.01	183.62 15.46 -0.01	176.12 15.21 -2.43	177.53 13.76 -20.48	177.17 15.15 -2.64	196.80 15.00 -13.26	210.47 15.80 -15.16	307.91 20.54 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.85 15.42 -0.01	174.44 14.47 -6.00	162.80 9.85 -55.37	152.41 7.96 -51.92
ASTORIA_EAST_ENERGY_CC2 323582	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	174.08 14.66 -0.01	191.18 15.94 -0.01	189.52 15.31 -7.72	192.63 16.06 -0.01	183.62 15.46 -0.01	176.12 15.21 -2.43	177.53 13.76 -20.48	177.17 15.15 -2.64	196.80 15.00 -13.26	210.47 15.80 -15.16	307.91 20.54 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.85 15.42 -0.01	174.60 14.63 -6.00	162.80 9.85 -55.37	152.50 8.05 -51.92
ASTORIA_GT2_1 24094	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT2_2 24095	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT2_3 24096	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT2_4 24097	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT3_1 24098	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT3_2 24099	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT3_3 24100	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT3_4 24101	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT4_1 24102	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT4_2 24103	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT4_3 24104	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92

ASTORIA_GT4_4 24105	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.83 12.14 -0.01	173.93 14.51 -0.01	190.84 15.60 -0.02	189.53 15.32 -7.72	191.93 15.36 -0.02	183.46 15.30 -0.01	175.96 15.05 -2.43	177.38 13.61 -20.48	177.00 14.98 -2.64	196.64 14.83 -13.26	210.11 15.44 -15.16	307.21 19.85 -51.11	246.39 19.30 -0.02	205.96 17.00 -0.12	184.69 15.25 -0.02	174.55 14.17 -6.42	162.61 9.66 -55.37	152.69 8.24 -51.92
ASTORIA_GT_1 23523	145.71 10.05 -37.16	140.77 8.94 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.85 12.56 -0.20	166.14 12.44 -0.01	174.41 14.98 -0.01	191.70 16.47 -0.01	190.04 15.83 -7.72	192.99 16.42 -0.01	183.96 15.80 -0.01	176.59 15.69 -2.43	177.82 14.05 -20.48	177.48 15.46 -2.64	197.14 15.34 -13.26	211.01 16.33 -15.16	308.63 21.27 -51.11	247.29 20.20 -0.01	206.91 17.95 -0.11	185.20 15.76 -0.01	174.90 14.93 -6.00	163.00 10.05 -55.37	152.60 8.15 -51.92
ASTORIA_GT_10 24110	145.70 10.05 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.78 8.33 -51.92
ASTORIA_GT_11 24225	145.70 10.05 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.78 8.33 -51.92
ASTORIA_GT_12 24226	145.70 10.05 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.78 8.33 -51.92
ASTORIA_GT_13 24227	145.70 10.05 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.78 8.33 -51.92
ASTORIA_GT_5 24106	145.70 10.05 -37.16	140.68 8.85 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.98 12.68 -0.20	166.14 12.45 -0.01	174.25 14.83 -0.01	191.37 16.12 -0.02	189.86 15.65 -7.72	192.29 15.71 -0.02	183.79 15.64 -0.01	176.27 15.37 -2.43	177.67 13.90 -20.48	177.32 15.30 -2.64	196.98 15.17 -13.26	210.47 15.80 -15.16	307.92 20.55 -51.11	246.85 19.76 -0.02	206.34 17.37 -0.12	185.03 15.59 -0.02	174.86 14.47 -6.42	162.80 9.86 -55.37	152.78 8.33 -51.92
ASTORIA_GT_7 24107	145.70 10.05 -37.16	140.68 8.85 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.98 12.68 -0.20	166.14 12.45 -0.01	174.25 14.83 -0.01	191.37 16.12 -0.02	189.86 15.65 -7.72	192.29 15.71 -0.02	183.79 15.64 -0.01	176.27 15.37 -2.43	177.67 13.90 -20.48	177.32 15.30 -2.64	196.98 15.17 -13.26	210.47 15.80 -15.16	307.92 20.55 -51.11	246.85 19.76 -0.02	206.34 17.37 -0.12	185.03 15.59 -0.02	174.86 14.47 -6.42	162.80 9.86 -55.37	152.78 8.33 -51.92
ASTORIA_GT_8 24108	145.70 10.05 -37.16	140.68 8.85 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.98 12.68 -0.20	166.14 12.45 -0.01	174.25 14.83 -0.01	191.37 16.12 -0.02	189.86 15.65 -7.72	192.29 15.71 -0.02	183.79 15.64 -0.01	176.27 15.37 -2.43	177.67 13.90 -20.48	177.32 15.30 -2.64	196.98 15.17 -13.26	210.47 15.80 -15.16	307.92 20.55 -51.11	246.85 19.76 -0.02	206.34 17.37 -0.12	185.03 15.59 -0.02	174.86 14.47 -6.42	162.80 9.86 -55.37	152.78 8.33 -51.92
ASTORIA___2 24149	145.50 9.85 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	174.08 14.66 -0.01	191.18 15.94 -0.01	189.52 15.31 -7.72	192.63 16.06 -0.01	183.62 15.46 -0.01	176.27 15.37 -2.43	177.53 13.76 -20.48	177.17 15.15 -2.64	196.80 15.00 -13.26	210.64 15.97 -15.16	308.16 20.80 -51.11	246.83 19.75 -0.01	206.52 17.57 -0.11	184.85 15.42 -0.01	174.60 14.63 -6.00	162.80 9.85 -55.37	152.50 8.05 -51.92
ASTORIA___3 23516	145.71 10.05 -37.16	140.68 8.85 -39.67	134.29 8.55 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.02	191.00 15.15 -9.36	192.47 15.90 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.72 15.61 -17.60	316.15 20.54 -59.35	246.84 19.75 -0.02	206.33 17.36 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.71 9.76 -55.38	152.69 8.23 -51.92
ASTORIA___4 23517	145.70 10.05 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.78 8.33 -51.92
ASTORIA___5 23518	145.71 10.05 -37.16	140.68 8.85 -39.67	134.29 8.55 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.02	191.00 15.15 -9.36	192.47 15.90 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.72 15.61 -17.60	316.15 20.54 -59.35	246.84 19.75 -0.02	206.33 17.36 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.71 9.76 -55.38	152.69 8.23 -51.92
AST_ENERGY_2_CC3 323677	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.77 11.49 -0.19	165.22 11.53 -0.01	173.62 14.18 -0.02	190.67 15.42 -0.01	189.19 14.99 -7.71	191.92 15.35 -0.01	183.12 14.96 -0.02	175.78 14.89 -2.42	177.09 13.33 -20.47	176.67 14.65 -2.63	196.46 14.66 -13.25	209.74 15.08 -15.15	306.71 19.38 -51.08	245.47 18.38 -0.01	205.75 16.80 -0.10	183.68 14.23 -0.01	173.66 13.70 -5.99	161.57 9.46 -54.53	152.03 7.59 -51.91
AST_ENERGY_2_CC4 323678	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.77 11.49 -0.19	165.22 11.53 -0.01	173.62 14.18 -0.02	190.67 15.42 -0.01	189.19 14.99 -7.71	191.92 15.35 -0.01	183.12 14.96 -0.02	175.78 14.89 -2.42	177.09 13.33 -20.47	176.67 14.65 -2.63	196.46 14.66 -13.25	209.74 15.08 -15.15	306.71 19.38 -51.08	245.47 18.38 -0.01	205.75 16.80 -0.10	183.68 14.23 -0.01	173.66 13.70 -5.99	161.57 9.46 -54.53	152.03 7.59 -51.91

ATHENS_STG_1 23668	145.11 5.41 -41.20	141.21 5.07 -43.98	134.50 5.00 -38.47	135.68 5.09 -39.63	135.31 5.37 -33.91	139.04 6.73 -0.21	160.29 6.60 0.00	167.07 7.65 0.00	183.64 8.41 0.00	174.65 8.16 0.00	185.03 8.47 0.00	176.38 8.24 0.00	166.70 8.24 0.00	167.16 7.45 -16.43	167.51 8.12 0.00	176.47 7.92 0.00	187.60 8.09 0.00	246.63 10.38 0.00	237.06 9.98 0.00	197.91 9.06 0.00	177.39 7.96 0.00	168.08 7.54 -6.57	159.03 5.27 -56.19	154.92 4.72 -57.67
ATHENS_STG_2 23670	145.11 5.41 -41.20	141.21 5.07 -43.98	134.50 5.00 -38.47	135.68 5.09 -39.63	135.31 5.37 -33.91	139.04 6.73 -0.21	160.29 6.60 0.00	167.07 7.65 0.00	183.64 8.41 0.00	174.65 8.16 0.00	185.03 8.47 0.00	176.38 8.24 0.00	166.70 8.24 0.00	167.16 7.45 -16.43	167.51 8.12 0.00	176.47 7.92 0.00	187.60 8.09 0.00	246.63 10.38 0.00	237.06 9.98 0.00	197.91 9.06 0.00	177.39 7.96 0.00	168.08 7.54 -6.57	159.03 5.27 -56.19	154.92 4.72 -57.67
ATHENS_STG_3 23677	145.11 5.41 -41.20	141.21 5.07 -43.98	134.50 5.00 -38.47	135.68 5.09 -39.63	135.31 5.37 -33.91	139.04 6.73 -0.21	160.29 6.60 0.00	167.07 7.65 0.00	183.64 8.41 0.00	174.65 8.16 0.00	185.03 8.47 0.00	176.38 8.24 0.00	166.70 8.24 0.00	167.16 7.45 -16.43	167.51 8.12 0.00	176.47 7.92 0.00	187.60 8.09 0.00	246.63 10.38 0.00	237.06 9.98 0.00	197.91 9.06 0.00	177.39 7.96 0.00	168.08 7.54 -6.57	159.03 5.27 -56.19	154.92 4.72 -57.67
AUBURN____LFGE 323710	104.03 0.89 -4.65	97.96 0.83 -4.97	96.19 0.82 -4.35	96.26 0.82 -4.48	100.82 0.96 -3.83	132.91 0.79 -0.02	155.07 1.38 0.00	161.81 2.39 0.00	177.86 2.63 0.00	168.99 2.50 0.00	179.38 2.82 0.00	170.33 2.19 0.00	160.37 1.90 0.00	148.36 1.58 -3.49	160.66 1.28 0.00	169.56 1.01 0.00	181.13 1.62 0.00	238.61 2.36 0.00	229.12 2.04 0.00	190.92 2.08 0.00	170.61 1.19 0.00	155.29 -0.15 -1.47	104.64 0.49 -6.57	100.12 0.83 -6.75
BABYLON_RES_REC 323704	146.86 11.22 -37.14	141.95 10.14 -39.64	135.18 9.47 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.43 14.14 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.75 17.52 0.00	184.35 17.31 -0.54	195.09 18.53 0.00	183.12 16.81 1.84	174.01 16.48 0.94	173.89 15.18 -15.42	175.64 16.73 0.48	183.76 16.18 0.97	198.70 17.78 -1.41	274.92 23.62 -15.05	249.56 22.49 0.00	208.70 19.82 -0.03	183.79 16.27 1.90	174.41 15.71 -4.73	158.75 10.54 -50.63	153.40 8.97 -51.89
BABYLON__69_KV_BK2 356345	147.85 12.21 -37.14	142.68 10.88 -39.64	136.09 10.38 -34.68	137.51 10.82 -35.72	142.92 11.72 -35.18	147.74 15.46 -0.19	167.98 14.29 0.00	176.31 16.90 0.00	194.15 18.92 0.00	185.84 18.81 -0.54	196.68 20.13 0.00	184.27 18.50 2.37	175.22 18.07 1.31	174.85 16.48 -15.08	177.03 18.49 0.85	184.90 17.87 1.52	199.42 19.39 -0.52	277.05 25.75 -15.04	252.51 25.43 0.00	210.97 22.09 -0.03	185.27 18.30 2.46	175.87 17.09 -4.81	158.88 10.73 -50.57	153.77 9.35 -51.89
BALL_HILL_WT_PWR 323825	101.52 -3.16 -6.18	96.00 -2.76 -6.60	94.16 -2.64 -5.77	94.36 -2.55 -5.94	98.81 -2.31 -5.09	126.19 -5.94 -0.03	148.30 -5.38 0.00	153.69 -5.73 -0.01	167.88 -7.35 -0.01	159.01 -7.49 -0.01	168.62 -7.94 -0.01	159.40 -8.75 -0.01	149.92 -8.56 -0.01	136.95 -10.45 -4.12	149.83 -9.56 -0.01	155.06 -13.49 0.00	164.99 -14.53 -0.01	217.13 -19.13 -0.01	208.70 -18.39 -0.01	175.63 -13.22 -0.01	155.71 -13.72 0.00	140.63 -14.31 -0.98	99.99 -5.96 -8.37	96.87 -4.26 -8.59
BARON_WINDS____WT_PWR 323822	106.08 -0.68 -8.27	100.62 -0.37 -8.83	98.39 -0.36 -7.72	98.55 -0.36 -7.95	102.74 -0.10 -6.81	130.29 -1.85 -0.04	153.23 -0.46 0.00	159.42 0.00 0.00	174.01 -1.22 0.00	164.83 -1.66 0.00	174.97 -1.59 0.00	165.96 -2.19 0.00	156.10 -2.37 0.00	144.10 -4.16 -4.97	156.36 -3.03 0.00	163.66 -4.89 0.00	174.49 -5.03 0.00	229.64 -6.61 0.00	220.72 -6.36 0.00	185.25 -3.59 0.00	164.68 -4.74 0.00	148.68 -6.62 -1.33	106.78 -2.15 -11.35	102.98 -1.21 -11.65
BARRETT_IC_1 23704	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_10 23701	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_11 23702	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_12 23703	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_2 23705	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_3 23706	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_4 23707	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89

BARRETT_IC_5 23708	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_6 23709	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_7 23710	146.07 10.44 -37.14	141.02 9.22 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.79 -35.18	145.23 12.95 -0.19	165.98 12.29 0.00	174.24 14.83 0.00	191.35 16.12 0.00	183.01 15.98 -0.54	192.98 16.42 0.00	183.62 15.47 0.00	174.33 15.53 -0.34	173.92 14.04 -16.59	175.62 15.46 -0.78	184.47 15.00 -0.92	199.77 15.80 -4.46	271.38 20.08 -15.05	247.06 19.98 0.00	206.63 17.75 -0.03	184.51 15.08 0.00	174.78 14.47 -6.34	157.87 9.46 -50.83	152.48 8.05 -51.89
BARRETT_IC_8 23711	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT_IC_9 23700	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT___1 23545	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BARRETT___2 23546	146.07 10.44 -37.14	141.11 9.30 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.99 12.30 -0.01	174.40 14.98 -0.01	191.34 16.11 0.00	183.02 15.99 -0.54	193.35 16.78 -0.01	183.80 15.64 -0.01	174.35 15.54 -0.34	173.93 14.05 -16.59	175.63 15.46 -0.79	184.48 15.00 -0.93	199.95 15.97 -4.47	271.84 20.54 -15.05	246.61 19.53 0.00	206.63 17.75 -0.04	184.51 15.07 -0.01	174.53 14.63 -5.93	158.37 9.96 -50.84	152.76 8.33 -51.89
BATAVIA__115KV_TB1 55881	102.50 -1.18 -5.19	96.51 -1.20 -5.54	94.78 -1.09 -4.85	94.95 -1.00 -4.99	99.63 -0.67 -4.27	128.95 -3.17 -0.03	149.23 -4.46 0.00	155.11 -4.30 0.00	169.80 -5.43 0.00	160.84 -5.66 0.00	170.56 -6.00 0.00	159.57 -8.58 0.00	149.91 -8.56 0.00	139.12 -7.88 -3.71	149.82 -9.56 0.00	155.40 -13.15 0.00	166.59 -12.92 0.00	219.72 -16.54 0.00	210.73 -16.35 0.00	176.00 -12.84 0.00	156.38 -13.05 0.00	144.30 -11.24 -1.57	100.14 -4.39 -6.95	97.17 -2.50 -7.13
BAYONEEC___CTG1 323682	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG10 323750	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG2 323683	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG3 323684	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG4 323685	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG5 323686	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG6 323687	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91

BAYONEEC___CTG7 323688	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG8 323689	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BAYONEEC___CTG9 323749	144.90 9.26 -37.15	139.93 8.11 -39.66	133.55 7.83 -34.69	134.79 8.09 -35.73	135.15 8.54 -30.58	143.65 11.36 -0.19	165.06 11.37 -0.01	173.46 14.03 -0.02	190.48 15.24 -0.01	188.86 14.66 -7.71	191.76 15.19 -0.01	182.96 14.80 -0.02	175.46 14.57 -2.43	176.93 13.17 -20.47	176.51 14.50 -2.63	196.13 14.32 -13.26	209.56 14.89 -15.15	314.97 19.38 -59.35	245.48 18.38 -0.02	205.57 16.62 -0.10	183.68 14.23 -0.01	173.51 13.55 -5.99	161.48 9.37 -54.53	152.03 7.59 -51.91
BEACON___LESR 323632	149.91 5.61 -45.81	146.12 5.07 -48.89	138.90 5.09 -42.78	140.02 5.00 -44.06	139.00 5.28 -37.70	139.99 7.66 -0.23	162.29 8.60 0.00	168.50 9.08 0.00	185.56 10.34 0.00	176.48 9.99 0.00	186.62 10.06 0.00	178.58 10.43 0.00	168.62 10.15 0.00	170.15 8.89 -17.98	169.11 9.72 0.00	177.31 8.76 0.00	188.13 8.62 0.00	247.36 11.11 0.00	237.75 10.67 0.00	198.47 9.63 0.00	177.73 8.30 0.00	169.13 7.85 -7.31	164.94 4.88 -62.48	161.84 5.18 -64.13
BEAVER RIVER___HYD 24048	99.16 -0.79 -1.46	92.98 -0.74 -1.55	91.39 -1.00 -1.36	91.45 -0.91 -1.40	96.65 -0.57 -1.20	131.84 -0.26 -0.01	154.77 1.08 0.00	161.17 1.76 0.00	177.68 2.45 0.00	167.99 1.50 0.00	178.50 1.95 0.00	169.83 1.68 0.00	159.89 1.42 0.00	146.10 1.58 -1.23	160.51 1.12 0.00	170.24 1.69 0.00	181.84 2.33 0.00	240.26 4.01 0.00	230.70 3.62 0.00	191.86 3.01 0.00	171.62 2.20 0.00	155.29 1.09 -0.23	100.06 0.49 -1.99	94.31 -0.28 -2.05
BEEBEE_GT_13 23619	101.98 -0.98 -4.47	95.92 -1.01 -4.77	94.29 -0.91 -4.17	94.44 -0.82 -4.30	99.03 -0.67 -3.68	128.69 -3.43 -0.02	149.23 -4.46 0.00	155.11 -4.30 0.00	170.15 -5.08 0.00	161.50 -4.99 0.00	171.26 -5.30 0.00	161.76 -6.39 0.00	152.13 -6.34 0.00	142.12 -4.59 -3.41	152.21 -7.17 0.00	159.11 -9.44 0.00	170.36 -9.16 0.00	224.44 -11.81 0.00	215.27 -11.81 0.00	179.59 -9.25 0.00	159.94 -9.49 0.00	148.33 -7.08 -1.44	100.96 -2.54 -5.92	97.13 -1.48 -6.08
BENSHRST_27_KV_BENSHRST_1 355998	146.79 11.13 -37.16	141.42 9.59 -39.67	135.02 9.28 -34.70	136.25 9.55 -35.74	136.70 10.08 -30.59	145.77 13.47 -0.20	167.53 13.83 -0.01	175.38 15.94 -0.02	192.59 17.35 -0.02	192.67 16.82 -9.36	193.70 17.13 -0.02	184.98 16.81 -0.02	177.85 16.48 -2.90	179.55 14.90 -21.36	178.69 16.26 -3.05	201.15 16.52 -16.08	214.17 17.05 -17.60	318.29 22.68 -59.35	249.12 22.03 -0.02	208.04 19.07 -0.12	186.39 16.94 -0.02	176.10 15.70 -6.42	163.30 10.34 -55.38	153.71 9.25 -51.92
BETHLEHEM___GRP 23843	148.30 3.94 -45.86	144.81 3.69 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.61 3.84 -37.75	137.88 5.55 -0.23	158.76 5.07 0.00	164.68 5.26 0.00	181.36 6.13 0.00	172.49 5.99 0.00	182.56 6.00 0.00	174.37 6.22 0.00	164.81 6.34 0.00	166.87 5.59 -18.00	165.44 6.06 0.00	173.27 4.72 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.84 4.77 0.00	193.56 4.72 0.00	173.49 4.07 0.00	165.59 4.00 -7.61	162.86 2.73 -62.56	159.98 3.24 -64.20
BETHLEHEM___GS1 323560	148.30 3.94 -45.86	144.71 3.59 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.62 3.85 -37.75	137.75 5.42 -0.23	158.75 5.06 0.00	164.67 5.25 0.00	181.36 6.13 0.00	172.48 5.99 0.00	182.37 5.82 0.00	174.37 6.23 0.00	164.81 6.35 0.00	166.87 5.58 -18.00	165.44 6.06 0.00	173.26 4.71 0.00	183.46 3.94 0.00	240.97 4.72 0.00	231.85 4.78 0.00	193.19 4.35 0.00	173.33 3.90 0.00	165.28 4.00 -7.32	162.77 2.64 -62.56	159.98 3.24 -64.20
BETHLEHEM___GS2 323561	148.30 3.94 -45.86	144.71 3.59 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.62 3.85 -37.75	137.75 5.42 -0.23	158.75 5.06 0.00	164.67 5.25 0.00	181.36 6.13 0.00	172.48 5.99 0.00	182.37 5.82 0.00	174.37 6.23 0.00	164.81 6.35 0.00	166.87 5.58 -18.00	165.44 6.06 0.00	173.26 4.71 0.00	183.46 3.94 0.00	240.97 4.72 0.00	231.85 4.78 0.00	193.19 4.35 0.00	173.33 3.90 0.00	165.28 4.00 -7.32	162.77 2.64 -62.56	159.98 3.24 -64.20
BETHLEHEM___GS3 323562	148.30 3.94 -45.86	144.71 3.59 -48.95	137.50 3.64 -42.83	138.71 3.64 -44.11	137.62 3.85 -37.75	137.75 5.42 -0.23	158.75 5.06 0.00	164.67 5.25 0.00	181.36 6.13 0.00	172.48 5.99 0.00	182.37 5.82 0.00	174.37 6.23 0.00	164.81 6.35 0.00	166.87 5.58 -18.00	165.44 6.06 0.00	173.26 4.71 0.00	183.46 3.94 0.00	240.97 4.72 0.00	231.85 4.78 0.00	193.19 4.35 0.00	173.33 3.90 0.00	165.28 4.00 -7.32	162.77 2.64 -62.56	159.98 3.24 -64.20
BETHLEHEM___STEEL 23779	100.85 -3.64 -6.00	95.35 -3.23 -6.41	93.54 -3.09 -5.61	93.73 -3.00 -5.77	98.18 -2.78 -4.94	127.51 -4.62 -0.03	147.38 -6.30 0.00	152.25 -7.17 -0.01	166.65 -8.59 -0.01	157.84 -8.66 -0.01	167.56 -9.00 -0.01	158.40 -9.75 -0.01	148.97 -9.51 -0.01	136.16 -11.18 -4.05	148.87 -10.52 -0.01	154.06 -14.50 0.00	164.44 -15.08 -0.01	216.41 -19.85 -0.01	207.55 -19.53 -0.01	173.93 -14.92 -0.01	154.69 -14.74 0.00	140.75 -14.94 -1.71	99.15 -6.54 -8.12	96.33 -4.53 -8.33
BETHLHEM_115KV_TB1 79974	148.36 4.04 -45.83	144.87 3.78 -48.92	137.56 3.73 -42.80	138.77 3.73 -44.08	137.68 3.94 -37.72	137.88 5.55 -0.23	158.91 5.23 0.00	164.83 5.42 0.00	181.54 6.31 0.00	172.49 5.99 0.00	182.74 6.18 0.00	174.54 6.39 0.00	164.96 6.50 0.00	167.01 5.73 -17.98	165.60 6.22 0.00	173.61 5.06 0.00	183.82 4.31 0.00	241.68 5.43 0.00	232.52 5.45 0.00	193.94 5.10 0.00	173.83 4.41 0.00	166.04 4.47 -7.61	163.02 2.93 -62.51	160.12 3.42 -64.16
BETHPAGE_CC_5 323564	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.32 9.64 -35.72	141.58 10.37 -35.18	146.02 13.74 -0.19	166.44 12.75 0.00	175.05 15.63 0.00	192.41 17.18 0.00	184.02 16.99 -0.54	194.58 18.02 0.00	183.29 16.49 1.34	174.20 16.33 0.60	173.93 14.90 -15.74	175.66 16.42 0.14	183.93 15.84 0.46	199.15 17.41 -2.23	274.21 22.91 -15.05	248.88 21.80 0.00	208.15 19.27 -0.04	183.96 15.92 1.39	174.57 15.54 -5.05	158.60 10.34 -50.68	153.12 8.70 -51.89
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	100.73 -3.84 -6.08	95.24 -3.41 -6.48	93.42 -3.28 -5.67	93.62 -3.18 -5.84	98.05 -2.98 -5.00	128.03 -4.10 -0.03	148.15 -5.53 0.00	153.05 -6.38 -0.01	167.52 -7.71 -0.01	158.68 -7.83 -0.01	168.27 -8.30 -0.01	159.24 -8.91 -0.01	149.76 -8.72 -0.01	136.19 -11.18 -4.08	149.67 -9.72 -0.01	155.07 -13.48 0.00	165.34 -14.18 -0.01	217.59 -18.66 -0.01	208.69 -18.39 -0.01	174.88 -13.97 -0.01	155.53 -13.89 0.00	140.60 -15.09 -1.72	99.25 -6.54 -8.22	96.34 -4.63 -8.43

BINGHAMTON___COGEN 23790	112.21 1.58 -12.14	106.69 1.57 -12.96	103.92 1.55 -11.34	104.28 1.64 -11.68	107.85 1.82 -9.99	134.27 2.11 -0.06	155.84 2.15 0.00	162.28 2.87 0.00	178.21 2.98 0.00	168.99 2.50 0.00	179.21 2.65 0.00	170.50 2.35 0.00	160.85 2.38 0.00	150.93 1.15 -6.49	161.14 1.75 0.00	169.90 1.35 0.00	181.13 1.62 0.00	238.38 2.13 0.00	228.89 1.82 0.00	191.30 2.45 0.00	170.95 1.52 0.00	156.72 0.00 -2.75	115.05 0.88 -16.59	110.77 1.20 -17.03
BIXINCNT_115KV_LOAD 355685	99.19 -5.71 -6.41	94.03 -4.98 -6.85	92.10 -4.92 -5.99	92.04 -5.09 -6.17	96.31 -4.99 -5.28	126.98 -5.15 -0.03	148.00 -5.69 0.00	153.04 -6.38 -0.01	167.00 -8.24 -0.01	157.84 -8.66 -0.01	167.38 -9.18 -0.01	158.74 -9.42 -0.01	149.28 -9.19 -0.01	134.03 -13.47 -4.21	149.51 -9.88 -0.01	154.73 -13.82 0.00	164.62 -14.90 -0.01	216.41 -19.85 -0.01	208.01 -19.07 -0.01	174.69 -14.16 -0.01	155.03 -14.40 0.00	138.35 -17.40 -1.78	98.17 -8.10 -8.70	95.82 -5.64 -8.93
BLACK RIVER___HYD 24047	100.95 0.49 -1.97	94.82 0.56 -2.10	93.14 0.27 -1.84	93.31 0.46 -1.89	98.61 0.96 -1.62	133.96 1.85 -0.01	156.92 3.23 0.00	163.72 4.31 0.00	180.48 5.25 0.00	170.48 3.99 0.00	181.14 4.58 0.00	172.35 4.21 0.00	162.12 3.65 0.00	148.72 3.72 -1.71	162.74 3.35 0.00	172.43 3.88 0.00	184.53 5.02 0.00	244.29 8.04 0.00	234.56 7.48 0.00	195.45 6.61 0.00	174.34 4.92 0.00	157.36 3.08 -0.31	101.93 1.66 -2.69	96.32 1.02 -2.76
BLACKRVR_115KV_TB2 79977	100.95 0.49 -1.97	94.82 0.55 -2.10	93.14 0.27 -1.84	93.31 0.45 -1.89	98.61 0.96 -1.62	133.96 1.85 -0.01	156.91 3.23 0.00	163.72 4.30 0.00	180.48 5.26 0.00	170.49 4.00 0.00	181.15 4.59 0.00	172.35 4.20 0.00	162.27 3.80 0.00	148.73 3.73 -1.71	162.73 3.35 0.00	172.43 3.88 0.00	184.54 5.03 0.00	244.28 8.03 0.00	234.57 7.49 0.00	195.26 6.42 0.00	174.34 4.91 0.00	157.77 3.08 -0.72	101.93 1.66 -2.69	96.32 1.02 -2.76
BLISS_WT_PWR 323608	98.51 -6.40 -6.41	93.39 -5.63 -6.85	91.46 -5.56 -5.99	91.40 -5.73 -6.17	95.64 -5.67 -5.28	121.56 -10.57 -0.03	146.93 -6.76 0.00	152.09 -7.33 -0.01	165.94 -9.29 -0.01	156.68 -9.82 -0.01	166.15 -10.42 -0.01	157.56 -10.59 -0.01	148.50 -9.98 -0.01	133.04 -14.47 -4.21	148.55 -10.84 -0.01	153.55 -15.00 0.00	162.83 -16.69 -0.01	214.04 -22.22 -0.01	206.19 -20.89 -0.01	173.93 -14.92 -0.01	153.84 -15.58 0.00	136.35 -18.64 -1.02	97.59 -8.68 -8.70	95.26 -6.20 -8.93
BLUESTONE___WT_PWR 323821	120.81 9.16 -13.16	114.78 8.57 -14.04	111.32 8.01 -12.28	111.71 8.09 -12.65	115.68 8.83 -10.83	144.06 11.89 -0.07	169.05 15.37 0.00	176.64 17.22 0.00	194.85 19.62 0.00	183.65 17.15 0.00	195.26 18.71 0.00	185.63 17.49 0.00	174.95 16.48 0.00	164.35 14.19 -6.88	174.36 14.98 0.00	184.05 15.50 0.00	196.58 17.06 0.00	259.87 23.62 0.00	249.56 22.49 0.00	208.67 19.82 0.00	186.37 16.94 0.00	169.46 13.39 -2.10	124.71 9.17 -17.97	119.59 8.61 -18.44
BLUE_CIRC_CHEM_DRP 24182	148.01 4.43 -45.09	144.53 4.24 -48.13	137.41 4.28 -42.10	138.51 4.18 -43.36	137.46 4.32 -37.11	138.40 6.08 -0.23	160.14 6.45 0.00	165.95 6.54 0.00	182.59 7.36 0.00	173.32 6.83 0.00	183.62 7.06 0.00	175.21 7.06 0.00	165.60 7.13 0.00	167.34 6.30 -17.75	166.24 6.85 0.00	174.79 6.24 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.53 6.10 0.00	167.33 5.85 -7.51	163.06 3.90 -61.58	159.81 4.07 -63.21
BOC_GAS_DRP 24189	148.10 3.94 -45.66	144.68 3.78 -48.74	137.40 3.73 -42.64	138.61 3.73 -43.92	137.55 3.94 -37.58	137.61 5.28 -0.23	158.60 4.92 0.00	164.83 5.42 0.00	181.36 6.13 0.00	172.32 5.83 0.00	182.74 6.18 0.00	174.20 6.05 0.00	164.65 6.18 0.00	166.66 5.45 -17.92	165.44 6.06 0.00	173.94 5.39 0.00	184.72 5.21 0.00	242.87 6.62 0.00	233.66 6.59 0.00	194.89 6.04 0.00	174.68 5.25 0.00	166.63 5.08 -7.58	163.37 3.51 -62.28	159.88 3.42 -63.92
BOONVILLE_115KV_TB1 79983	102.88 3.05 -1.34	96.45 2.86 -1.43	94.83 2.55 -1.25	94.89 2.64 -1.29	100.10 2.98 -1.10	136.60 4.49 -0.01	159.37 5.69 0.00	165.95 6.54 0.00	183.11 7.89 0.00	173.32 6.83 0.00	184.15 7.59 0.00	175.21 7.06 0.00	165.28 6.81 0.00	150.52 6.16 -1.07	165.60 6.22 0.00	175.12 6.57 0.00	186.69 7.18 0.00	245.94 9.69 0.00	236.16 9.08 0.00	196.77 7.93 0.00	176.20 6.78 0.00	159.96 5.54 -0.45	102.92 3.51 -1.83	97.56 3.15 -1.88
BORALEX_4TH_BRANCH 23824	150.23 6.01 -45.73	146.42 5.44 -48.81	139.28 5.55 -42.70	140.40 5.46 -43.98	139.43 5.76 -37.64	141.05 8.72 -0.23	162.29 8.61 0.00	168.66 9.25 0.00	186.09 10.86 0.00	175.99 9.49 0.00	187.15 10.59 0.00	178.24 10.09 0.00	168.45 9.98 0.00	170.12 8.88 -17.94	169.27 9.88 0.00	178.50 9.94 0.00	189.92 10.41 0.00	250.19 13.94 0.00	240.47 13.40 0.00	200.55 11.71 0.00	179.93 10.50 0.00	171.72 10.16 -7.59	166.18 6.24 -62.36	162.83 6.29 -64.00
BOWLINE___1 23526	142.52 7.97 -36.06	137.65 7.00 -38.49	131.43 6.74 -33.67	132.55 6.91 -34.68	133.00 7.29 -29.68	141.80 9.52 -0.18	163.06 9.38 0.00	170.90 11.48 0.00	187.67 12.44 0.00	178.64 11.82 -0.32	188.73 12.17 0.00	180.09 11.94 0.00	170.56 11.89 -0.20	169.58 10.75 -15.54	171.65 11.79 -0.47	180.56 11.47 -0.55	194.22 12.03 -2.68	260.88 15.59 -9.04	242.06 14.98 0.00	202.64 13.78 -0.02	181.11 11.68 0.00	170.80 11.09 -5.73	154.54 7.81 -49.16	149.20 6.38 -50.29
BOWLINE___2 23595	142.53 7.97 -36.06	137.66 7.00 -38.49	131.44 6.74 -33.67	132.55 6.91 -34.68	133.00 7.29 -29.68	141.80 9.52 -0.18	163.06 9.38 0.00	170.90 11.48 0.00	187.67 12.44 0.00	178.64 11.82 -0.32	188.91 12.35 0.00	180.09 11.94 0.00	170.56 11.89 -0.20	169.58 10.75 -15.54	171.65 11.79 -0.47	180.56 11.47 -0.55	194.23 12.03 -2.68	260.89 15.59 -9.05	242.06 14.98 0.00	202.64 13.78 -0.02	181.11 11.68 0.00	170.80 11.09 -5.73	154.55 7.81 -49.16	149.21 6.38 -50.29
BRADY___115KV_TB2 356060	93.96 -4.53 0.00	87.92 -4.24 0.00	86.66 -4.37 0.00	86.50 -4.46 0.00	91.71 -4.32 0.00	127.47 -4.62 0.00	151.38 -2.31 0.00	156.54 -2.87 0.00	172.42 -2.80 0.00	163.83 -2.66 0.00	174.26 -2.30 0.00	165.79 -2.35 0.00	155.62 -2.85 0.00	141.29 -2.29 -0.29	156.99 -2.39 0.00	166.70 -1.85 0.00	177.54 -1.97 0.00	234.12 -2.13 0.00	224.80 -2.27 0.00	185.82 -3.02 0.00	167.23 -2.20 0.00	151.94 -2.16 -0.12	95.62 -1.95 0.00	88.84 -3.70 0.00
BRANSCOMB___SOLAR 323811	151.13 5.61 -47.03	147.61 5.25 -50.20	140.13 5.19 -43.91	141.28 5.09 -45.23	140.11 5.37 -38.70	140.26 7.93 -0.24	163.37 9.69 0.00	168.18 8.76 0.00	185.21 9.98 0.00	175.65 9.15 0.00	186.08 9.53 0.00	177.56 9.41 0.00	167.97 9.51 0.00	170.14 8.45 -18.40	168.63 9.24 0.00	177.65 9.10 0.00	189.38 9.87 0.00	249.47 13.22 0.00	239.56 12.48 0.00	199.98 11.14 0.00	179.59 10.16 0.00	170.86 9.39 -7.50	168.43 6.73 -64.13	164.83 6.48 -65.82
BRENTWOD_69_KV_W. BRTWOOD 56703	147.26 11.62 -37.14	142.22 10.41 -39.64	135.63 9.92 -34.68	137.05 10.37 -35.72	142.34 11.14 -35.18	146.95 14.66 -0.19	166.75 13.06 0.00	175.04 15.62 0.00	192.93 17.70 0.00	184.68 17.65 -0.54	195.45 18.89 0.00	181.49 16.98 3.64	173.07 15.33 2.19	172.91 15.33 -14.29	174.73 17.05 1.71	182.08 16.35 2.82	195.71 17.77 1.58	274.68 23.39 -15.04	250.24 23.16 0.00	209.27 20.40 -0.03	182.27 16.60 3.76	173.66 15.70 -3.99	157.96 9.95 -50.43	153.12 8.70 -51.89

BRISTLHL_115KV_TB1 79998	100.38 -1.08 -2.98	94.33 -1.01 -3.18	92.90 -0.91 -2.78	92.91 -0.91 -2.86	97.52 -0.96 -2.45	130.13 -1.98 -0.02	151.07 -2.61 0.00	157.50 -1.91 0.00	173.12 -2.10 0.00	164.50 -2.00 0.00	174.61 -1.94 0.00	166.30 -1.85 0.00	156.72 -1.74 0.00	144.37 -1.58 -2.66	157.15 -2.23 0.00	166.19 -2.36 0.00	177.00 -2.51 0.00	232.94 -3.31 0.00	223.67 -3.41 0.00	186.39 -2.45 0.00	166.72 -2.71 0.00	151.86 -3.23 -1.12	100.18 -1.46 -4.07	95.70 -1.02 -4.18
BROOKHAVEN___DRP 24191	146.76 11.13 -37.14	141.67 9.86 -39.64	134.99 9.28 -34.68	136.51 9.82 -35.72	141.86 10.66 -35.18	146.29 14.00 -0.19	165.67 11.99 0.00	173.60 14.19 0.00	191.17 15.95 0.00	183.18 16.15 -0.54	194.21 17.66 0.00	181.29 15.97 2.83	172.52 15.69 1.63	172.41 14.33 -14.79	174.32 16.10 1.16	181.90 15.34 1.99	196.33 17.05 0.24	273.03 21.74 -15.04	249.10 22.03 0.00	208.52 19.64 -0.03	182.42 15.93 2.93	173.72 15.24 -4.51	157.66 9.56 -50.52	152.57 8.14 -51.89
BROOKLYN_NAVY_YARD 23515	145.10 9.46 -37.15	140.12 8.30 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.25 8.65 -30.58	143.77 11.49 -0.19	165.37 11.67 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.01	189.36 15.15 -7.71	192.28 15.71 -0.01	183.30 15.14 -0.02	175.96 15.06 -2.43	177.23 13.47 -20.47	176.84 14.83 -2.63	196.30 14.50 -13.26	210.11 15.44 -15.15	307.42 20.07 -51.10	246.17 19.08 -0.01	206.13 17.18 -0.10	184.17 14.73 -0.01	173.97 14.01 -5.99	161.77 9.66 -54.53	152.22 7.77 -51.91
BROOKLYN___ARMY_DRP 323595	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
BROOKVLE_69_KV_TB1 55790	146.76 11.13 -37.14	141.67 9.86 -39.64	135.09 9.38 -34.68	136.51 9.82 -35.72	141.77 10.56 -35.18	146.29 14.00 -0.19	167.21 13.52 0.00	175.68 16.26 0.00	193.28 18.05 0.00	185.01 17.98 -0.54	195.27 18.71 0.00	185.80 17.66 0.00	176.24 17.43 -0.34	175.64 15.76 -16.59	177.54 17.37 -0.78	186.16 16.69 -0.92	201.93 17.95 -4.46	274.69 23.39 -15.05	250.01 22.93 0.00	209.08 20.21 -0.03	186.37 16.94 0.00	176.32 16.01 -6.34	158.56 10.15 -50.83	153.12 8.70 -51.89
BROOME_2_LFGE 323671	112.21 1.57 -12.14	106.79 1.66 -12.96	103.91 1.55 -11.34	104.28 1.64 -11.68	107.84 1.82 -9.99	133.62 1.46 -0.06	155.84 2.15 0.00	162.44 3.02 0.00	178.20 2.98 0.00	169.00 2.50 0.00	179.21 2.65 0.00	170.50 2.35 0.00	160.85 2.38 0.00	150.92 1.14 -6.49	161.14 1.76 0.00	169.89 1.34 0.00	180.94 1.43 0.00	238.13 1.88 0.00	228.88 1.81 0.00	191.49 2.64 0.00	170.95 1.52 0.00	155.91 0.00 -1.94	115.14 0.98 -16.59	110.77 1.20 -17.03
BROOME___LFGE 323600	112.21 1.57 -12.14	106.79 1.66 -12.96	103.91 1.55 -11.34	104.28 1.64 -11.68	107.84 1.82 -9.99	133.62 1.46 -0.06	155.84 2.15 0.00	162.44 3.02 0.00	178.20 2.98 0.00	169.00 2.50 0.00	179.21 2.65 0.00	170.50 2.35 0.00	160.85 2.38 0.00	150.92 1.14 -6.49	161.14 1.76 0.00	169.89 1.34 0.00	180.94 1.43 0.00	238.13 1.88 0.00	228.88 1.81 0.00	191.49 2.64 0.00	170.95 1.52 0.00	155.91 0.00 -1.94	115.14 0.98 -16.59	110.77 1.20 -17.03
BROWNFLS_115KV_TB_3_5 80003	95.27 -4.24 -1.02	89.29 -3.96 -1.09	87.88 -4.10 -0.95	87.94 -4.00 -0.98	92.93 -3.94 -0.84	127.48 -4.62 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.07 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.18 0.00	164.95 -3.19 0.00	155.14 -3.33 0.00	141.43 -2.72 -0.86	156.04 -3.35 0.00	165.52 -3.03 0.00	176.64 -2.87 0.00	233.18 -3.07 0.00	224.12 -2.95 0.00	185.82 -3.02 0.00	166.55 -2.88 0.00	151.10 -3.23 -0.36	96.63 -2.34 -1.39	90.54 -3.42 -1.43
BROWNSV1_27_KV_LOAD 356125	145.89 10.24 -37.15	140.76 8.94 -39.66	134.28 8.56 -34.69	135.52 8.82 -35.73	136.01 9.41 -30.58	144.84 12.55 -0.19	166.45 12.76 -0.01	174.74 15.30 -0.02	192.24 17.00 -0.01	190.69 16.48 -7.71	193.34 16.77 -0.01	184.47 16.31 -0.02	177.06 16.16 -2.43	178.38 14.62 -20.47	178.11 16.10 -2.63	197.82 16.01 -13.26	211.54 16.87 -15.15	309.32 21.97 -51.10	248.21 21.12 -0.01	207.64 18.70 -0.10	185.54 16.10 -0.01	175.47 15.09 -6.41	162.16 10.05 -54.53	152.96 8.51 -51.91
BURROWS___LYONSDAL 23803	102.22 2.36 -1.36	95.74 2.12 -1.45	94.21 1.91 -1.27	94.18 1.91 -1.31	99.45 2.30 -1.12	135.67 3.57 -0.01	158.45 4.76 0.00	165.15 5.74 0.00	182.06 6.83 0.00	172.32 5.83 0.00	183.09 6.53 0.00	174.20 6.05 0.00	164.33 5.86 0.00	149.69 5.30 -1.10	164.64 5.26 0.00	174.11 5.56 0.00	185.80 6.28 0.00	244.99 8.74 0.00	235.25 8.17 0.00	195.83 6.99 0.00	175.36 5.93 0.00	159.05 4.62 -0.47	102.37 2.93 -1.86	96.95 2.50 -1.91
CAITHNESS_CC_1 323624	146.56 10.93 -37.14	141.57 9.76 -39.64	134.81 9.10 -34.68	136.32 9.64 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.87 17.31 0.00	180.83 15.46 2.77	172.24 15.37 1.59	172.17 14.05 -14.83	173.89 15.63 1.12	181.46 14.84 1.93	196.24 16.87 0.14	273.27 21.98 -15.04	248.41 21.34 0.00	207.76 18.88 -0.03	181.81 15.25 2.87	173.20 15.10 -4.13	158.25 10.15 -50.53	153.12 8.70 -51.89
CALPINE BETH_PAGE_GT4 24209	146.57 10.93 -37.14	141.58 9.77 -39.64	134.99 9.28 -34.68	136.32 9.64 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	166.60 12.91 0.00	174.88 15.46 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.39 17.83 0.00	183.80 16.48 0.82	174.71 16.48 0.23	174.26 14.90 -16.07	176.18 16.58 -0.22	184.47 15.84 -0.08	199.66 17.05 -3.10	273.74 22.44 -15.05	249.10 22.03 0.00	208.33 19.45 -0.03	184.67 16.10 0.85	175.17 15.40 -5.81	158.08 9.76 -50.74	152.75 8.33 -51.89
CALPINE_BETH_PAGE_GT_4 323586	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.32 9.64 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.58 18.02 0.00	183.98 16.65 0.82	174.71 16.48 0.23	174.26 14.90 -16.07	176.18 16.58 -0.22	184.47 15.84 -0.08	200.02 17.41 -3.10	274.21 22.91 -15.05	248.88 21.80 0.00	208.15 19.27 -0.04	184.68 16.10 0.85	174.90 15.54 -5.39	158.66 10.34 -50.74	153.22 8.80 -51.89
CALPINE_BP_GT1 23823	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.32 9.64 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.58 18.02 0.00	183.98 16.65 0.82	174.71 16.48 0.23	174.26 14.90 -16.07	176.18 16.58 -0.22	184.47 15.84 -0.08	200.02 17.41 -3.10	274.21 22.91 -15.05	248.88 21.80 0.00	208.15 19.27 -0.04	184.68 16.10 0.85	174.90 15.54 -5.39	158.66 10.34 -50.74	153.22 8.80 -51.89
CALSPAN___DRP 24200	100.85 -3.64 -6.00	95.35 -3.23 -6.41	93.54 -3.09 -5.61	93.73 -3.00 -5.77	98.18 -2.78 -4.94	127.51 -4.62 -0.03	147.38 -6.30 0.00	152.25 -7.17 -0.01	166.65 -8.59 -0.01	157.84 -8.66 -0.01	167.56 -9.00 -0.01	158.40 -9.75 -0.01	148.97 -9.51 -0.01	136.16 -11.18 -4.05	148.87 -10.52 -0.01	154.06 -14.50 0.00	164.44 -15.08 -0.01	216.41 -19.85 -0.01	207.55 -19.53 -0.01	173.93 -14.92 -0.01	154.69 -14.74 0.00	140.75 -14.94 -1.71	99.15 -6.54 -8.12	96.33 -4.53 -8.33

CALVERTON___SOLAR 323806	147.05 11.42 -37.14	142.04 10.23 -39.64	135.27 9.56 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	166.29 12.60 0.00	174.40 14.98 0.00	192.05 16.82 0.00	183.84 16.81 -0.54	195.26 18.71 0.00	182.10 16.81 2.85	173.30 16.48 1.65	173.11 15.04 -14.78	174.94 16.73 1.18	182.72 16.18 2.02	197.55 18.32 0.28	275.15 23.85 -15.04	250.47 23.39 0.00	209.46 20.59 -0.03	183.09 16.61 2.96	174.21 16.16 -4.08	158.83 10.73 -50.52	153.59 9.16 -51.89
CANDIGU_WT_PWR 323617	106.08 -0.68 -8.27	100.62 -0.37 -8.83	98.39 -0.36 -7.72	98.55 -0.36 -7.95	102.74 -0.10 -6.81	130.29 -1.85 -0.04	153.23 -0.46 0.00	159.42 0.00 0.00	174.01 -1.22 0.00	164.83 -1.66 0.00	174.97 -1.59 0.00	165.96 -2.19 0.00	156.10 -2.37 0.00	144.10 -4.16 -4.97	156.36 -3.03 0.00	163.66 -4.89 0.00	174.49 -5.03 0.00	229.64 -6.61 0.00	220.72 -6.36 0.00	185.25 -3.59 0.00	164.68 -4.74 0.00	148.68 -6.62 -1.33	106.78 -2.15 -11.35	102.98 -1.21 -11.65
CARR STREET_E_SYR 24060	101.71 -0.20 -3.41	95.62 -0.18 -3.64	94.03 -0.18 -3.19	94.06 -0.18 -3.28	98.64 -0.19 -2.81	130.92 -1.19 -0.02	151.22 -2.46 0.00	157.82 -1.59 0.00	173.48 -1.75 0.00	164.67 -1.83 0.00	174.79 -1.77 0.00	166.30 -1.85 0.00	156.73 -1.74 0.00	144.45 -1.71 -2.87	157.00 -2.39 0.00	165.85 -2.70 0.00	176.63 -2.88 0.00	232.71 -3.54 0.00	223.43 -3.64 0.00	186.38 -2.46 0.00	166.71 -2.72 0.00	151.59 -2.93 -0.55	101.27 -0.98 -4.67	97.05 -0.28 -4.80
CARTHAGE___PAPER 23857	99.58 -0.68 -1.77	93.41 -0.64 -1.89	91.86 -0.82 -1.65	91.93 -0.73 -1.70	97.10 -0.38 -1.46	132.37 0.26 -0.01	155.38 1.69 0.00	161.96 2.54 0.00	178.39 3.16 0.00	168.65 2.16 0.00	179.03 2.47 0.00	170.50 2.35 0.00	160.21 1.75 0.00	146.82 2.01 -1.53	160.98 1.59 0.00	170.74 2.19 0.00	182.75 3.23 0.00	241.69 5.44 0.00	232.06 4.99 0.00	193.19 4.35 0.00	172.48 3.05 0.00	155.79 1.54 -0.28	100.69 0.69 -2.42	94.93 -0.09 -2.49
CASSADAGA_WT_PWR 323784	104.51 -0.39 -6.41	98.82 -0.18 -6.84	96.83 -0.18 -5.98	97.22 0.09 -6.16	101.88 0.58 -5.27	129.88 -2.25 -0.03	155.22 1.54 0.00	160.85 1.43 -0.01	175.76 0.53 -0.01	166.17 -0.33 -0.01	175.51 -1.05 -0.01	165.46 -2.70 -0.01	154.99 -3.49 -0.01	139.48 -8.02 -4.21	153.81 -5.58 -0.01	158.44 -10.11 0.00	168.39 -11.13 -0.01	222.09 -14.17 -0.01	213.46 -13.62 -0.01	179.79 -9.06 -0.01	159.09 -10.34 0.00	142.52 -12.47 -1.02	101.39 -4.88 -8.69	98.49 -2.96 -8.92
CE_DUNWOOD___DRP 24194	144.20 8.67 -37.04	139.26 7.56 -39.54	132.90 7.28 -34.59	134.14 7.55 -35.63	134.48 7.97 -30.49	142.85 10.57 -0.19	163.98 10.30 0.00	172.01 12.59 0.00	189.07 13.84 0.00	180.29 13.32 -0.48	190.15 13.59 0.00	181.43 13.28 0.00	172.08 13.31 -0.30	171.70 12.04 -16.38	173.31 13.23 -0.69	182.35 12.98 -0.82	197.14 13.64 -3.98	267.17 17.48 -13.44	244.11 17.03 0.00	203.98 15.11 -0.03	182.47 13.05 0.00	172.61 12.32 -6.32	156.53 8.29 -50.66	151.31 7.03 -51.74
CE_MILLWOOD___DRP 24193	143.83 8.47 -36.87	138.89 7.37 -39.36	132.56 7.10 -34.43	133.79 7.37 -35.46	134.15 7.78 -30.34	142.46 10.17 -0.19	163.68 9.99 0.00	171.53 12.12 0.00	188.55 13.32 0.00	179.89 12.99 -0.41	189.80 13.24 0.00	181.09 12.95 0.00	171.72 12.99 -0.26	171.14 11.75 -16.10	172.89 12.91 -0.59	181.72 12.47 -0.70	196.02 13.10 -3.41	264.75 17.01 -11.49	243.65 16.58 0.00	203.60 14.73 -0.03	182.14 12.71 0.00	172.27 12.01 -6.29	156.05 8.10 -50.37	150.87 6.85 -51.49
CE_NYC2_DRP 24202	145.70 10.05 -37.16	140.59 8.76 -39.67	134.20 8.47 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.94 14.51 -0.02	191.01 15.77 -0.02	191.00 15.15 -9.36	192.11 15.54 -0.02	183.30 15.13 -0.02	176.43 15.05 -2.90	178.26 13.61 -21.36	177.26 14.82 -3.05	199.46 14.83 -16.08	212.55 15.44 -17.60	315.69 20.08 -59.35	246.62 19.53 -0.02	205.96 17.00 -0.12	184.52 15.08 -0.02	174.41 14.01 -6.42	162.52 9.56 -55.38	152.78 8.33 -51.92
CE_NYC_DRP 24195	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.25 8.64 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.01	189.02 15.15 -7.37	191.75 15.18 -0.01	183.13 14.97 -0.02	175.69 14.90 -2.33	177.05 13.47 -20.29	176.75 14.82 -2.54	195.89 14.66 -12.67	209.60 15.44 -14.65	305.49 19.85 -49.40	246.16 19.07 -0.01	205.94 17.00 -0.10	184.01 14.57 -0.01	174.08 13.70 -6.40	161.20 9.27 -54.36	152.22 7.77 -51.91
CHAFFEE___LFGE 323603	100.96 -3.74 -6.21	95.48 -3.31 -6.63	93.64 -3.19 -5.80	93.84 -3.09 -5.97	98.26 -2.88 -5.11	125.53 -6.60 -0.03	148.00 -5.68 0.00	153.04 -6.38 -0.01	167.35 -7.88 -0.01	158.68 -7.82 -0.01	168.27 -8.30 -0.01	159.24 -8.92 -0.01	149.76 -8.72 -0.01	136.39 -11.03 -4.13	149.66 -9.73 -0.01	154.90 -13.65 0.00	164.62 -14.90 -0.01	216.89 -19.37 -0.01	208.47 -18.62 -0.01	175.25 -13.60 -0.01	155.37 -14.06 0.00	139.87 -15.08 -0.98	99.54 -6.44 -8.41	96.45 -4.72 -8.63
CHATEAUG_35_KV_LOAD 355732	95.64 -2.86 0.00	89.49 -2.67 0.00	88.48 -2.55 0.00	87.87 -3.09 0.00	93.43 -2.59 0.00	128.14 -3.96 0.00	148.15 -5.53 0.00	153.83 -5.58 0.00	169.62 -5.61 0.00	162.33 -4.16 0.00	172.32 -4.24 0.00	163.77 -4.37 0.00	154.66 -3.80 0.00	139.71 -3.58 0.00	155.56 -3.83 0.00	163.66 -4.89 0.00	173.77 -5.74 0.00	230.11 -6.14 0.00	221.17 -5.90 0.00	182.42 -6.42 0.00	163.84 -5.59 0.00	150.43 -3.54 0.00	95.14 -2.44 0.00	90.50 -2.04 0.00
CHATEAUG_WT_PWR 323614	95.24 -3.25 0.00	89.03 -3.13 0.00	88.11 -2.92 0.00	87.41 -3.55 0.00	92.95 -3.08 0.00	127.08 -5.02 0.00	146.93 -6.76 0.00	152.87 -6.54 0.00	168.75 -6.48 0.00	161.50 -4.99 0.00	171.43 -5.13 0.00	162.26 -5.89 0.00	154.20 -4.27 0.00	139.28 -4.01 0.00	154.92 -4.46 0.00	162.32 -6.23 0.00	172.33 -7.19 0.00	228.22 -8.03 0.00	219.59 -7.49 0.00	180.92 -7.92 0.00	162.65 -6.78 0.00	149.50 -4.47 0.00	94.55 -3.03 0.00	90.13 -2.41 0.00
CHAT_HIGH_FALL_HYD 323578	95.64 -2.86 0.00	89.49 -2.67 0.00	88.48 -2.55 0.00	87.87 -3.09 0.00	93.43 -2.59 0.00	128.14 -3.96 0.00	148.15 -5.53 0.00	153.83 -5.58 0.00	169.62 -5.61 0.00	162.33 -4.16 0.00	172.32 -4.24 0.00	163.77 -4.37 0.00	154.66 -3.80 0.00	139.71 -3.58 0.00	155.56 -3.83 0.00	163.66 -4.89 0.00	173.77 -5.74 0.00	230.11 -6.14 0.00	221.17 -5.90 0.00	182.42 -6.42 0.00	163.84 -5.59 0.00	150.43 -3.54 0.00	95.14 -2.44 0.00	90.50 -2.04 0.00
CHAUTAUQUA___LFGE 323629	102.67 -2.07 -6.25	97.09 -1.75 -6.67	95.23 -1.64 -5.84	95.43 -1.55 -6.01	99.92 -1.25 -5.15	127.64 -4.49 -0.03	150.30 -3.38 0.00	155.59 -3.83 -0.01	170.15 -5.09 -0.01	161.01 -5.49 -0.01	170.74 -5.82 -0.01	161.42 -6.73 -0.01	151.51 -6.97 -0.01	138.26 -9.17 -4.15	151.27 -8.12 -0.01	156.25 -12.30 0.00	166.24 -13.28 -0.01	219.02 -17.24 -0.01	210.52 -16.57 -0.01	177.14 -11.71 -0.01	156.89 -12.54 0.00	141.87 -13.09 -0.99	100.87 -5.17 -8.47	97.71 -3.52 -8.69
CHERRYST_13_KV_LD 356241	145.40 9.75 -37.15	140.21 8.39 -39.66	133.82 8.10 -34.69	135.06 8.37 -35.73	135.53 8.93 -30.58	144.18 11.89 -0.19	165.68 11.99 -0.01	173.94 14.51 -0.02	191.36 16.12 -0.01	189.52 15.65 -7.37	192.46 15.89 -0.01	183.63 15.47 -0.02	176.32 15.53 -2.33	177.62 14.04 -20.29	177.39 15.46 -2.54	196.39 15.17 -12.67	210.32 16.16 -14.65	306.44 20.79 -49.40	247.07 19.98 -0.01	206.51 17.56 -0.10	184.52 15.08 -0.01	174.54 14.17 -6.40	161.50 9.56 -54.36	152.49 8.05 -51.91

CHESTROR_138KV_BK263 355645	140.12 6.99 -34.64	135.31 6.18 -36.97	129.38 6.01 -32.35	130.37 6.09 -33.31	131.06 6.53 -28.51	140.73 8.45 -0.18	161.98 8.30 0.00	169.14 9.72 0.00	185.92 10.69 0.00	176.72 10.16 -0.07	186.80 10.24 0.00	178.24 10.09 0.00	168.54 9.98 -0.09	167.03 9.17 -14.57	169.53 9.88 -0.26	178.27 9.61 -0.11	191.07 10.05 -1.50	254.31 12.99 -5.06	239.79 12.72 0.00	200.37 11.52 -0.01	179.25 9.83 0.00	169.30 9.39 -5.93	151.04 6.54 -46.92	146.21 5.55 -48.12
CH_MIDHUDSON___DRP 24192	145.42 9.46 -37.47	140.45 8.29 -40.00	134.12 8.10 -34.99	135.28 8.28 -36.04	135.51 8.64 -30.84	144.04 11.76 -0.19	166.13 12.45 0.00	173.44 14.03 0.00	190.47 15.24 0.00	182.79 16.32 0.02	193.51 16.95 0.00	184.46 16.31 0.00	174.13 15.69 0.03	172.66 14.04 -15.33	174.93 15.62 0.08	184.36 15.84 0.03	196.13 17.05 0.43	257.70 22.92 1.46	249.33 22.25 0.00	207.91 19.07 0.00	185.86 16.43 0.00	175.76 15.24 -6.55	160.28 10.15 -52.56	155.28 8.79 -53.95
CH_MISC_IPPS 23765	144.94 9.36 -37.09	139.86 8.11 -39.58	133.57 7.92 -34.63	134.72 8.09 -35.67	135.09 8.54 -30.52	143.65 11.36 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.87 17.31 0.00	184.96 16.81 0.00	174.61 16.17 0.03	172.90 14.33 -15.28	175.09 15.78 0.08	184.86 16.34 0.03	196.47 17.41 0.46	258.34 23.62 1.54	249.56 22.49 0.00	208.48 19.64 0.00	186.20 16.78 0.00	175.64 15.54 -6.13	160.52 10.54 -52.40	155.30 8.97 -53.79
CH_RES_BVR_FALLS 23983	96.23 -2.26 0.00	90.05 -2.12 0.00	88.94 -2.09 0.00	88.87 -2.09 0.00	93.91 -2.11 0.00	129.58 -2.51 0.00	151.53 -2.15 0.00	156.86 -2.56 0.00	172.42 -2.81 0.00	164.00 -2.49 0.00	173.91 -2.64 0.00	165.63 -2.52 0.00	155.93 -2.54 0.00	140.99 -2.30 0.00	157.00 -2.39 0.00	166.54 -2.02 0.00	177.17 -2.34 0.00	233.43 -2.82 0.00	224.36 -2.71 0.00	186.02 -2.83 0.00	167.22 -2.21 0.00	151.96 -2.01 0.00	95.92 -1.66 0.00	90.69 -1.85 0.00
CH_RES_NIAGARA 23895	97.73 -6.31 -5.54	92.37 -5.71 -5.92	90.65 -5.56 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.82 -10.30 -0.03	139.08 -14.60 0.00	143.80 -15.62 0.00	157.19 -18.04 0.00	148.85 -17.65 0.00	158.03 -18.54 0.00	149.15 -19.00 0.00	140.09 -18.38 0.00	130.68 -16.47 -3.86	140.10 -19.29 0.00	144.79 -23.76 0.00	154.21 -25.31 0.00	202.95 -33.30 0.00	195.07 -32.01 0.00	163.92 -24.93 0.00	145.37 -24.06 0.00	134.21 -20.63 -0.87	95.28 -9.76 -7.46	92.52 -7.68 -7.66
CH_RES_SYRACUSE 23985	102.67 0.40 -3.78	96.57 0.37 -4.04	94.93 0.37 -3.53	95.06 0.46 -3.64	99.52 0.39 -3.11	132.12 0.00 -0.02	153.23 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.31 0.17 0.00	158.47 0.00 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.50 0.00	179.15 -0.36 0.00	235.78 -0.47 0.00	226.62 -0.45 0.00	189.03 0.19 0.00	168.92 -0.51 0.00	153.51 -1.07 -0.61	102.71 -0.10 -5.23	98.18 0.28 -5.36
CLINTON_WT_PWR 323605	95.24 -3.25 0.00	89.03 -3.13 0.00	88.11 -2.92 0.00	87.41 -3.55 0.00	92.95 -3.08 0.00	127.08 -5.02 0.00	146.93 -6.76 0.00	152.87 -6.54 0.00	168.75 -6.48 0.00	161.50 -4.99 0.00	171.43 -5.13 0.00	162.26 -5.89 0.00	154.20 -4.27 0.00	139.28 -4.01 0.00	154.92 -4.46 0.00	162.32 -6.23 0.00	172.33 -7.19 0.00	228.22 -8.03 0.00	219.59 -7.49 0.00	180.92 -7.92 0.00	162.65 -6.78 0.00	149.50 -4.47 0.00	94.55 -3.03 0.00	90.13 -2.41 0.00
CLINTON___LFGE 323618	96.82 -1.67 0.00	90.60 -1.57 0.00	89.48 -1.55 0.00	88.87 -2.09 0.00	94.68 -1.34 0.00	128.80 -3.30 0.00	148.16 -5.53 0.00	154.31 -5.11 0.00	170.14 -5.09 0.00	162.99 -3.50 0.00	173.03 -3.53 0.00	163.77 -4.37 0.00	155.93 -2.54 0.00	140.85 -2.44 0.00	156.67 -2.71 0.00	163.66 -4.89 0.00	173.95 -5.57 0.00	230.58 -5.67 0.00	221.86 -5.21 0.00	182.79 -6.05 0.00	164.00 -5.43 0.00	151.20 -2.77 0.00	95.92 -1.66 0.00	91.70 -0.83 0.00
COBBLENY_34_KV_TB1 80064	100.96 -3.74 -6.21	95.47 -3.32 -6.63	93.64 -3.19 -5.80	93.84 -3.09 -5.97	98.26 -2.88 -5.11	127.90 -4.23 -0.03	148.00 -5.69 0.00	152.89 -6.54 -0.01	167.35 -7.89 -0.01	158.51 -7.99 -0.01	168.27 -8.30 -0.01	159.24 -8.91 -0.01	149.60 -8.87 -0.01	136.39 -11.03 -4.13	149.67 -9.72 -0.01	154.90 -13.65 0.00	165.16 -14.36 -0.01	217.59 -18.66 -0.01	208.69 -18.39 -0.01	174.69 -14.16 -0.01	155.37 -14.06 0.00	140.94 -14.78 -1.75	99.54 -6.44 -8.41	96.63 -4.53 -8.63
COFFEEN___115KV_TB3 355620	101.77 1.28 -2.00	95.50 1.20 -2.14	93.81 0.91 -1.87	93.98 1.09 -1.93	99.31 1.63 -1.65	135.01 2.91 -0.01	158.30 4.61 0.00	164.99 5.58 0.00	182.06 6.83 0.00	171.82 5.33 0.00	182.74 6.18 0.00	173.86 5.72 0.00	163.54 5.07 0.00	149.91 4.87 -1.75	164.01 4.62 0.00	173.78 5.23 0.00	186.15 6.64 0.00	246.65 10.40 0.00	236.84 9.76 0.00	197.15 8.31 0.00	176.04 6.61 0.00	159.17 4.47 -0.74	102.76 2.44 -2.74	97.11 1.76 -2.81
COLDSPRG_115KV_BK1 355956	104.91 -0.20 -6.61	99.32 0.09 -7.06	97.20 0.00 -6.18	97.59 0.27 -6.36	102.33 0.86 -5.44	135.43 3.30 -0.03	158.30 4.61 0.00	164.04 4.62 -0.01	179.44 4.21 -0.01	169.83 3.33 -0.01	179.74 3.18 -0.01	170.34 2.19 -0.01	159.74 1.27 -0.01	142.14 -5.45 -4.29	159.07 -0.32 -0.01	164.00 -4.55 0.00	174.67 -4.85 -0.01	229.88 -6.38 -0.01	220.72 -6.36 -0.01	185.07 -3.78 -0.01	164.34 -5.08 0.00	146.09 -9.70 -1.82	103.05 -3.51 -8.98	99.91 -1.85 -9.22
COLONIE_LFGE___ 323577	149.88 4.92 -46.47	146.37 4.61 -49.60	138.97 4.55 -43.39	140.20 4.55 -44.69	138.97 4.70 -38.24	139.20 6.86 -0.24	161.06 7.38 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	185.03 8.47 0.00	176.55 8.40 0.00	167.02 8.55 0.00	168.93 7.45 -18.20	167.67 8.28 0.00	176.64 8.09 0.00	187.95 8.44 0.00	247.12 10.87 0.00	237.53 10.45 0.00	198.09 9.25 0.00	177.90 8.47 0.00	169.38 8.00 -7.41	166.11 5.17 -63.37	162.75 5.18 -65.03
COOPERNY_115KV_TB1 80082	132.23 5.52 -28.22	127.27 4.98 -30.13	122.12 4.73 -26.36	123.02 4.91 -27.14	124.44 5.19 -23.23	138.85 6.60 -0.14	160.14 6.45 0.00	167.07 7.65 0.00	183.64 8.41 0.00	174.51 7.99 -0.03	184.68 8.12 0.00	176.22 8.07 0.00	166.59 8.08 -0.04	162.69 7.31 -12.09	167.31 7.81 -0.11	176.18 7.58 -0.05	188.04 7.90 -0.63	248.54 10.16 -2.13	237.07 9.99 0.00	198.10 9.25 -0.01	177.22 7.79 0.00	166.22 7.24 -5.02	141.19 5.17 -38.44	136.42 4.44 -39.44
COPENHAGEN_WT_PWR 323753	100.95 0.40 -2.06	94.74 0.37 -2.20	93.14 0.18 -1.93	93.31 0.37 -1.99	98.49 0.76 -1.70	133.56 1.46 -0.01	156.30 2.61 0.00	163.08 3.67 0.00	179.61 4.38 0.00	169.82 3.33 0.00	180.44 3.88 0.00	171.68 3.54 0.00	161.47 3.00 0.00	148.24 3.15 -1.80	162.09 2.71 0.00	171.75 3.19 0.00	183.65 4.13 0.00	243.11 6.86 0.00	233.42 6.35 0.00	194.50 5.66 0.00	173.49 4.06 0.00	156.76 2.46 -0.33	101.77 1.37 -2.82	96.27 0.83 -2.90
CORNELL_____ 23752	110.35 3.35 -8.51	104.47 3.23 -9.08	102.07 3.09 -7.95	102.24 3.09 -8.19	106.39 3.36 -7.00	136.50 4.36 -0.04	159.06 5.38 0.00	165.95 6.54 0.00	182.41 7.18 0.00	172.82 6.33 0.00	183.27 6.71 0.00	174.37 6.22 0.00	164.33 5.86 0.00	153.04 4.73 -5.02	164.65 5.26 0.00	174.28 5.73 0.00	186.16 6.64 0.00	245.47 9.21 0.00	235.70 8.63 0.00	196.59 7.74 0.00	175.70 6.27 0.00	160.10 4.00 -2.12	112.32 3.02 -11.72	107.81 3.24 -12.03

CORONAAV_69_KV_TB1 355595	146.47 10.83 -37.14	141.39 9.59 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.18 -35.18	145.76 13.47 -0.19	166.75 13.06 0.00	175.04 15.62 0.00	192.40 17.17 0.00	184.01 16.98 -0.54	194.39 17.83 0.00	184.96 16.81 0.00	175.44 16.64 -0.34	174.92 15.05 -16.59	176.90 16.74 -0.78	185.48 16.01 -0.92	201.21 17.23 -4.46	273.74 22.44 -15.05	249.10 22.03 0.00	208.33 19.45 -0.03	185.86 16.43 0.00	175.70 15.40 -6.34	158.36 9.95 -50.83	152.94 8.51 -51.89
CORTLAND_115KV_TB3 80093	107.80 2.46 -6.85	101.87 2.40 -7.31	99.70 2.28 -6.39	99.82 2.27 -6.59	104.16 2.50 -5.64	135.30 3.17 -0.03	157.22 3.53 0.00	163.88 4.46 0.00	180.13 4.91 0.00	170.82 4.33 0.00	181.15 4.59 0.00	172.35 4.20 0.00	162.59 4.12 0.00	150.81 3.30 -4.23	162.89 3.51 0.00	172.09 3.54 0.00	183.64 4.13 0.00	241.92 5.67 0.00	232.30 5.22 0.00	193.75 4.91 0.00	173.32 3.90 0.00	158.07 2.31 -1.79	109.01 2.05 -9.38	104.48 2.31 -9.63
COXSACKIE___GT 23611	149.46 7.58 -43.39	145.11 6.64 -46.31	138.28 6.74 -40.51	139.32 6.64 -41.73	138.74 7.01 -35.71	142.89 10.57 -0.22	168.76 15.07 0.00	172.81 13.39 0.00	189.41 14.19 0.00	178.99 12.49 0.00	189.09 12.54 0.00	180.59 12.44 0.00	169.88 11.42 0.00	169.55 9.03 -17.23	170.70 11.32 0.00	180.02 11.47 0.00	191.73 12.21 0.00	246.17 9.92 0.00	237.06 9.98 0.00	197.53 8.69 0.00	176.71 7.28 0.00	171.70 10.77 -6.96	163.72 6.64 -59.51	160.36 6.75 -61.07
CPV_VALLEY___CC1 323721	136.99 6.11 -32.39	132.18 5.44 -34.57	126.46 5.19 -30.25	127.48 5.37 -31.15	128.35 5.66 -26.66	139.52 7.26 -0.16	160.61 6.92 0.00	168.02 8.60 0.00	184.33 9.11 0.00	175.35 8.82 -0.04	185.56 9.00 0.00	176.88 8.74 0.00	167.39 8.87 -0.05	164.91 8.02 -13.60	168.14 8.60 -0.16	177.04 8.42 -0.07	189.22 8.79 -0.91	250.43 11.11 -3.07	237.97 10.90 0.00	198.85 10.00 -0.01	177.90 8.47 0.00	167.26 8.15 -5.14	147.40 5.85 -43.97	142.45 4.81 -45.10
CPV_VALLEY___CC2 323722	136.99 6.11 -32.39	132.18 5.44 -34.57	126.46 5.19 -30.25	127.48 5.37 -31.15	128.35 5.66 -26.66	139.52 7.26 -0.16	160.61 6.92 0.00	168.02 8.60 0.00	184.33 9.11 0.00	175.35 8.82 -0.04	185.56 9.00 0.00	176.88 8.74 0.00	167.39 8.87 -0.05	164.91 8.02 -13.60	168.14 8.60 -0.16	177.04 8.42 -0.07	189.22 8.79 -0.91	250.43 11.11 -3.07	237.97 10.90 0.00	198.85 10.00 -0.01	177.90 8.47 0.00	167.26 8.15 -5.14	147.40 5.85 -43.97	142.45 4.81 -45.10
CRESCENT___HYD 24018	149.88 4.92 -46.47	146.37 4.61 -49.60	138.97 4.55 -43.39	140.20 4.55 -44.69	138.97 4.70 -38.24	139.20 6.86 -0.24	161.06 7.38 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	185.03 8.47 0.00	176.55 8.40 0.00	167.02 8.55 0.00	168.93 7.45 -18.20	167.67 8.28 0.00	176.64 8.09 0.00	187.95 8.44 0.00	247.12 10.87 0.00	237.53 10.45 0.00	198.09 9.25 0.00	177.90 8.47 0.00	169.38 8.00 -7.41	166.11 5.17 -63.37	162.75 5.18 -65.03
CRICKET___VALLEY_CC1 323756	145.03 6.99 -39.54	140.55 6.18 -42.21	134.14 6.19 -36.92	135.18 6.19 -38.03	135.10 6.53 -32.54	141.15 8.85 -0.20	162.13 8.45 0.00	169.30 9.89 0.00	186.27 11.05 0.00	176.99 10.50 0.00	187.51 10.95 0.00	178.92 10.77 0.00	169.25 10.78 0.00	168.86 9.75 -15.82	170.07 10.68 0.00	179.00 10.45 0.00	190.46 10.95 0.00	250.43 14.17 0.00	240.47 13.39 0.00	200.75 11.90 0.00	180.11 10.68 0.00	170.44 10.16 -6.31	158.32 6.83 -53.92	153.98 6.11 -55.34
CRICKET___VALLEY_CC2 323757	145.03 6.99 -39.54	140.55 6.18 -42.21	134.14 6.19 -36.92	135.18 6.19 -38.03	135.10 6.53 -32.54	141.15 8.85 -0.20	162.13 8.45 0.00	169.30 9.89 0.00	186.27 11.05 0.00	176.99 10.50 0.00	187.51 10.95 0.00	178.92 10.77 0.00	169.25 10.78 0.00	168.86 9.75 -15.82	170.07 10.68 0.00	179.00 10.45 0.00	190.46 10.95 0.00	250.43 14.17 0.00	240.47 13.39 0.00	200.75 11.90 0.00	180.11 10.68 0.00	170.44 10.16 -6.31	158.32 6.83 -53.92	153.98 6.11 -55.34
CRICKET___VALLEY_CC3 323758	145.03 6.99 -39.54	140.55 6.18 -42.21	134.14 6.19 -36.92	135.18 6.19 -38.03	135.10 6.53 -32.54	141.15 8.85 -0.20	162.13 8.45 0.00	169.30 9.89 0.00	186.27 11.05 0.00	176.99 10.50 0.00	187.51 10.95 0.00	178.92 10.77 0.00	169.25 10.78 0.00	168.86 9.75 -15.82	170.07 10.68 0.00	179.00 10.45 0.00	190.46 10.95 0.00	250.43 14.17 0.00	240.47 13.39 0.00	200.75 11.90 0.00	180.11 10.68 0.00	170.44 10.16 -6.31	158.32 6.83 -53.92	153.98 6.11 -55.34
CRUCIBLE_METL_DRP 24180	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 -3.07	146.36 0.00 0.00	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36
DAHOWA___HYDRO 323763	151.33 5.71 -47.13	147.81 5.34 -50.30	140.22 5.19 -44.01	141.47 5.18 -45.32	140.19 5.37 -38.78	140.40 8.06 -0.24	163.98 10.30 0.00	168.34 8.92 0.00	185.39 10.16 0.00	175.81 9.32 0.00	186.26 9.70 0.00	177.56 9.41 0.00	168.14 9.67 0.00	170.17 8.45 -18.43	168.63 9.24 0.00	177.82 9.26 0.00	189.56 10.05 0.00	249.71 13.46 0.00	240.01 12.94 0.00	200.17 11.33 0.00	179.94 10.51 0.00	171.03 9.55 -7.52	168.86 7.03 -64.26	165.33 6.85 -65.95
DANC___LFGE 323619	100.70 -0.20 -2.41	94.55 -0.18 -2.57	93.00 -0.27 -2.25	93.09 -0.18 -2.31	98.01 0.00 -1.98	132.24 0.13 -0.01	154.15 0.46 0.00	160.68 1.27 0.00	176.98 1.75 0.00	167.67 1.17 0.00	177.96 1.41 0.00	169.33 1.19 0.00	159.42 0.96 0.00	146.56 1.14 -2.12	160.03 0.64 0.00	169.40 0.85 0.00	180.78 1.27 0.00	238.85 2.60 0.00	229.35 2.27 0.00	191.12 2.27 0.00	170.78 1.35 0.00	154.66 0.31 -0.38	101.06 0.20 -3.29	96.01 0.09 -3.38
DANSKAMMER___1 23586	144.94 9.36 -37.09	139.86 8.11 -39.58	133.57 7.92 -34.63	134.72 8.09 -35.67	135.09 8.54 -30.52	143.65 11.36 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.87 17.31 0.00	184.96 16.81 0.00	174.61 16.17 0.03	172.90 14.33 -15.28	175.09 15.78 0.08	184.86 16.34 0.03	196.47 17.41 0.46	258.34 23.62 1.54	249.56 22.49 0.00	208.48 19.64 0.00	186.20 16.78 0.00	175.64 15.54 -6.13	160.52 10.54 -52.40	155.30 8.97 -53.79
DANSKAMMER___2 23589	144.94 9.36 -37.09	139.86 8.11 -39.58	133.57 7.92 -34.63	134.72 8.09 -35.67	135.09 8.54 -30.52	143.65 11.36 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.87 17.31 0.00	184.96 16.81 0.00	174.61 16.17 0.03	172.90 14.33 -15.28	175.09 15.78 0.08	184.86 16.34 0.03	196.47 17.41 0.46	258.34 23.62 1.54	249.56 22.49 0.00	208.48 19.64 0.00	186.20 16.78 0.00	175.64 15.54 -6.13	160.52 10.54 -52.40	155.30 8.97 -53.79
DANSKAMMER___3 23590	144.94 9.36 -37.09	139.86 8.11 -39.58	133.57 7.92 -34.63	134.72 8.09 -35.67	135.09 8.54 -30.52	143.65 11.36 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.87 17.31 0.00	184.96 16.81 0.00	174.61 16.17 0.03	172.90 14.33 -15.28	175.09 15.78 0.08	184.86 16.34 0.03	196.47 17.41 0.46	258.34 23.62 1.54	249.56 22.49 0.00	208.48 19.64 0.00	186.20 16.78 0.00	175.64 15.54 -6.13	160.52 10.54 -52.40	155.30 8.97 -53.79

DANSKAMMER___4 23591	144.94 9.36 -37.09	139.86 8.11 -39.58	133.57 7.92 -34.63	134.72 8.09 -35.67	135.09 8.54 -30.52	143.65 11.36 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.87 17.31 0.00	184.96 16.81 0.00	174.61 16.17 0.03	172.90 14.33 -15.28	175.09 15.78 0.08	184.86 16.34 0.03	196.47 17.41 0.46	258.34 23.62 1.54	249.56 22.49 0.00	208.48 19.64 0.00	186.20 16.78 0.00	175.64 15.54 -6.13	160.52 10.54 -52.40	155.30 8.97 -53.79
DANSKAMMER___DIESEL 23592	144.93 9.36 -37.09	139.86 8.11 -39.58	133.58 7.92 -34.63	134.72 8.10 -35.67	135.09 8.55 -30.52	143.78 11.49 -0.19	165.83 12.14 0.00	173.28 13.87 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.86 17.30 0.00	184.96 16.81 0.00	174.45 16.01 0.03	172.90 14.33 -15.28	175.08 15.78 0.08	184.70 16.18 0.03	196.47 17.41 0.46	258.10 23.39 1.54	249.78 22.71 0.00	208.48 19.64 0.00	186.20 16.77 0.00	176.05 15.55 -6.53	160.32 10.34 -52.40	155.21 8.88 -53.79
DARBY___SOLAR 323810	151.24 5.71 -47.03	147.71 5.34 -50.20	140.13 5.19 -43.92	141.38 5.18 -45.23	140.21 5.47 -38.71	140.26 7.93 -0.24	163.67 9.98 0.00	168.34 8.92 0.00	185.39 10.16 0.00	175.81 9.32 0.00	186.26 9.70 0.00	177.73 9.58 0.00	168.30 9.83 0.00	170.29 8.60 -18.40	168.79 9.40 0.00	177.82 9.26 0.00	189.56 10.05 0.00	249.47 13.22 0.00	239.78 12.71 0.00	199.98 11.14 0.00	179.76 10.34 0.00	171.02 9.55 -7.50	168.54 6.83 -64.13	165.02 6.67 -65.82
DASHVILLE___HYD 23610	143.62 6.80 -38.33	138.88 5.81 -40.91	132.46 5.64 -35.79	133.65 5.82 -36.86	133.81 6.24 -31.55	142.33 10.04 -0.19	163.52 9.84 0.00	170.57 11.16 0.00	187.14 11.92 0.00	179.65 13.15 0.00	189.98 13.42 0.00	181.26 13.12 0.00	171.15 12.68 0.00	168.85 9.89 -15.67	171.98 12.59 0.00	181.53 12.98 0.00	193.34 13.82 0.00	254.68 18.43 0.00	245.01 17.94 0.00	204.52 15.67 0.00	182.81 13.38 0.00	171.53 10.93 -6.63	158.41 7.51 -53.32	153.37 6.11 -54.73
DEERFIELD_69_KV_DEERFIELD LD 355887	148.93 13.30 -37.14	143.70 11.89 -39.64	136.91 11.20 -34.68	138.51 11.82 -35.72	144.07 12.87 -35.18	149.46 17.17 -0.19	169.52 15.83 0.00	177.75 18.33 0.00	195.91 20.68 0.00	187.51 20.48 -0.54	199.16 22.60 0.00	185.94 20.68 2.89	176.92 20.13 1.67	176.10 18.05 -14.76	178.43 20.24 1.20	186.22 19.72 2.05	201.08 21.90 0.34	279.41 28.11 -15.04	255.23 28.16 0.00	213.99 25.12 -0.03	186.77 20.33 2.99	177.53 19.09 -4.47	159.90 11.81 -50.51	154.70 10.27 -51.89
DELAWARE___LFGE 323621	120.23 5.42 -16.33	114.75 5.16 -17.43	111.28 5.01 -15.24	111.66 5.00 -15.70	114.84 5.38 -13.44	139.18 7.00 -0.08	161.22 7.53 0.00	168.34 8.93 0.00	185.22 9.99 0.00	175.65 9.16 0.00	186.27 9.71 0.00	177.39 9.25 0.00	167.50 9.03 0.00	159.30 7.88 -8.13	167.67 8.29 0.00	176.64 8.09 0.00	188.31 8.80 0.00	247.83 11.58 0.00	238.20 11.13 0.00	199.04 10.20 0.00	178.07 8.64 0.00	164.95 7.54 -3.44	125.10 5.27 -22.26	120.19 4.81 -22.84
DERFIELD_115KV_TB7 355931	100.26 1.77 0.00	93.82 1.66 0.00	92.58 1.55 0.00	92.51 1.55 0.00	97.66 1.63 0.00	134.34 2.25 0.00	155.68 2.00 0.00	161.81 2.39 0.00	178.03 2.80 0.00	168.99 2.50 0.00	179.21 2.65 0.00	170.84 2.69 0.00	161.16 2.69 0.00	146.17 2.44 -0.44	161.94 2.55 0.00	170.91 2.36 0.00	181.85 2.33 0.00	239.32 3.07 0.00	230.03 2.95 0.00	191.49 2.64 0.00	171.80 2.37 0.00	156.31 2.16 -0.19	99.14 1.56 0.00	94.02 1.48 0.00
DOGLEVILLE___HYD 23807	101.74 3.25 0.00	95.20 3.04 0.00	93.85 2.82 0.00	93.78 2.82 0.00	98.90 2.88 0.00	136.06 3.96 0.00	157.68 3.99 0.00	163.72 4.31 0.00	180.31 5.08 0.00	171.15 4.66 0.00	182.21 5.65 0.00	173.53 5.38 0.00	163.86 5.39 0.00	148.45 4.72 -0.44	163.84 4.46 0.00	172.77 4.22 0.00	183.46 3.94 0.00	241.22 4.97 0.00	231.85 4.78 0.00	192.99 4.15 0.00	172.99 3.56 0.00	157.51 3.54 0.00	99.91 2.34 0.00	94.75 2.22 0.00
DUNKIRK___115KV_TB_200 55889	102.37 -2.36 -6.24	96.80 -2.03 -6.66	94.94 -1.91 -5.83	95.14 -1.82 -6.00	99.62 -1.54 -5.13	129.22 -2.91 -0.03	149.54 -4.15 0.00	154.80 -4.62 -0.01	169.28 -5.96 -0.01	160.34 -6.16 -0.01	170.03 -6.53 -0.01	160.76 -7.40 -0.01	150.87 -7.61 -0.01	137.97 -9.46 -4.14	150.63 -8.77 -0.01	155.74 -12.81 0.00	166.24 -13.28 -0.01	219.01 -17.25 -0.01	210.05 -17.03 -0.01	176.01 -12.84 -0.01	156.55 -12.88 0.00	142.48 -13.24 -1.75	100.56 -5.46 -8.45	97.69 -3.52 -8.67
DUNKIRK___1 23563	102.37 -2.36 -6.24	96.80 -2.03 -6.66	94.94 -1.91 -5.83	95.14 -1.82 -6.00	99.62 -1.54 -5.13	129.22 -2.91 -0.03	149.54 -4.15 0.00	154.80 -4.62 -0.01	169.28 -5.96 -0.01	160.34 -6.16 -0.01	170.03 -6.53 -0.01	160.76 -7.40 -0.01	150.87 -7.61 -0.01	137.97 -9.46 -4.14	150.63 -8.77 -0.01	155.74 -12.81 0.00	166.24 -13.28 -0.01	219.01 -17.25 -0.01	210.05 -17.03 -0.01	176.01 -12.84 -0.01	156.55 -12.88 0.00	142.48 -13.24 -1.75	100.56 -5.46 -8.45	97.69 -3.52 -8.67
DUNKIRK___2 23564	102.37 -2.36 -6.24	96.80 -2.03 -6.66	94.94 -1.91 -5.83	95.14 -1.82 -6.00	99.62 -1.54 -5.13	129.22 -2.91 -0.03	149.54 -4.15 0.00	154.80 -4.62 -0.01	169.28 -5.96 -0.01	160.34 -6.16 -0.01	170.03 -6.53 -0.01	160.76 -7.40 -0.01	150.87 -7.61 -0.01	137.97 -9.46 -4.14	150.63 -8.77 -0.01	155.74 -12.81 0.00	166.24 -13.28 -0.01	219.01 -17.25 -0.01	210.05 -17.03 -0.01	176.01 -12.84 -0.01	156.55 -12.88 0.00	142.48 -13.24 -1.75	100.56 -5.46 -8.45	97.69 -3.52 -8.67
DUNKIRK___3 23565	101.89 -2.86 -6.26	96.35 -2.49 -6.68	94.50 -2.37 -5.84	94.70 -2.27 -6.02	99.16 -2.02 -5.15	128.70 -3.43 -0.03	149.08 -4.61 0.00	154.16 -5.26 -0.01	168.58 -6.66 -0.01	159.51 -6.99 -0.01	169.33 -7.24 -0.01	160.08 -8.07 -0.01	150.55 -7.92 -0.01	137.41 -10.03 -4.15	150.31 -9.08 -0.01	155.74 -12.81 0.00	166.06 -13.46 -0.01	218.54 -17.72 -0.01	209.82 -17.26 -0.01	176.01 -12.84 -0.01	156.38 -13.05 0.00	142.02 -13.70 -1.75	100.29 -5.76 -8.47	97.34 -3.89 -8.69
DUNKIRK___4 23566	101.85 -2.76 -6.11	96.29 -2.40 -6.53	94.46 -2.28 -5.71	94.66 -2.18 -5.88	99.14 -1.92 -5.03	128.83 -3.30 -0.03	148.92 -4.76 0.00	154.16 -5.26 -0.01	168.58 -6.66 -0.01	159.68 -6.83 -0.01	169.33 -7.24 -0.01	160.08 -8.07 -0.01	150.39 -8.08 -0.01	137.49 -9.89 -4.09	150.15 -9.24 -0.01	155.40 -13.15 0.00	165.70 -13.82 -0.01	218.30 -17.96 -0.01	209.37 -17.71 -0.01	175.44 -13.41 -0.01	156.04 -13.38 0.00	142.00 -13.70 -1.73	100.09 -5.76 -8.27	97.23 -3.79 -8.49
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	144.51 8.86 -37.16	139.57 7.74 -39.66	133.19 7.46 -34.70	134.34 7.64 -35.74	134.77 8.16 -30.58	143.12 10.83 -0.19	164.29 10.60 0.00	172.49 13.07 0.00	189.60 14.37 0.00	180.99 13.82 -0.67	190.68 14.12 0.00	181.93 13.79 0.00	173.16 13.79 -0.90	176.30 12.47 -20.55	175.77 13.71 -2.68	183.19 13.48 -1.16	208.87 14.00 -15.36	306.23 18.19 -51.79	244.79 17.71 0.00	204.64 15.67 -0.12	182.98 13.55 0.00	173.09 12.78 -6.34	157.19 8.68 -50.93	151.67 7.22 -51.91
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	142.65 8.08 -36.08	137.68 7.00 -38.51	131.55 6.83 -33.69	132.67 7.00 -34.70	133.12 7.39 -29.70	142.19 9.91 -0.18	163.68 9.99 0.00	171.53 12.12 0.00	188.19 12.97 0.00	182.98 16.48 0.00	193.68 17.13 0.00	184.79 16.65 0.00	174.31 15.85 0.00	172.76 14.04 -15.43	175.16 15.78 0.00	184.73 16.18 0.00	196.93 17.41 0.00	259.64 23.39 0.00	249.78 22.71 0.00	208.48 19.64 0.00	186.20 16.77 0.00	176.05 15.55 -6.53	160.19 10.25 -52.36	155.16 8.88 -53.74

E179THST_138_KV_TB4_REV_LBMP_J 345001	145.31 9.65 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.99 12.29 -0.01	173.13 13.71 -0.01	190.14 14.89 -0.02	181.36 14.32 -0.54	191.23 14.65 -0.02	182.45 14.29 -0.01	173.60 14.26 -0.87	176.66 12.90 -20.48	176.21 14.19 -2.64	183.47 13.99 -0.93	209.21 14.54 -15.16	306.26 18.90 -51.11	245.48 18.39 -0.02	205.02 16.05 -0.12	183.85 14.40 -0.02	173.56 13.24 -6.35	157.51 9.07 -50.86	152.60 8.14 -51.92
E179THST_13_KV_LOAD 356214	145.80 10.14 -37.16	140.96 9.12 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.22 9.60 -30.59	145.24 12.95 -0.20	166.60 12.91 -0.01	173.93 14.51 -0.01	191.01 15.77 -0.02	182.19 15.15 -0.54	192.11 15.54 -0.02	183.29 15.13 -0.01	174.39 15.05 -0.87	177.38 13.61 -20.48	177.00 14.98 -2.64	184.31 14.83 -0.93	210.11 15.44 -15.16	307.44 20.08 -51.11	246.62 19.53 -0.02	206.15 17.18 -0.12	184.69 15.25 -0.02	174.33 14.01 -6.35	158.00 9.56 -50.86	153.06 8.61 -51.92
EAST HAMPTON___GT 23717	150.12 14.48 -37.14	144.99 13.18 -39.64	137.99 12.28 -34.68	139.59 12.91 -35.72	145.32 14.12 -35.18	151.17 18.89 -0.19	171.66 17.97 0.00	180.13 20.71 0.00	198.36 23.13 0.00	189.84 22.81 -0.54	201.99 25.43 0.00	188.62 23.36 2.89	179.14 22.35 1.67	178.26 20.21 -14.76	180.66 22.48 1.20	188.57 22.07 2.05	204.12 24.94 0.34	283.66 32.37 -15.04	258.63 31.55 0.00	216.82 27.94 -0.03	189.15 22.71 2.99	179.42 21.39 -4.05	161.94 13.85 -50.51	156.45 12.02 -51.89
EAST RIVER___6 23660	144.90 9.26 -37.15	139.65 7.83 -39.66	133.27 7.55 -34.69	134.52 7.82 -35.73	134.86 8.26 -30.58	143.24 10.96 -0.19	164.91 11.21 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.01	188.86 14.99 -7.37	191.92 15.35 -0.01	183.12 14.96 -0.02	175.69 14.89 -2.33	176.90 13.33 -20.29	176.58 14.65 -2.54	195.72 14.50 -12.67	209.41 15.25 -14.65	305.50 19.85 -49.40	245.71 18.62 -0.01	205.75 16.80 -0.10	183.50 14.05 -0.01	173.51 13.55 -5.99	161.21 9.27 -54.36	151.75 7.31 -51.91
EAST RIVER___7 23524	144.90 9.26 -37.15	139.65 7.83 -39.66	133.27 7.55 -34.69	134.52 7.82 -35.73	134.86 8.26 -30.58	143.24 10.96 -0.19	164.91 11.21 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.01	188.86 14.99 -7.37	191.92 15.35 -0.01	183.12 14.96 -0.02	175.69 14.89 -2.33	176.90 13.33 -20.29	176.58 14.65 -2.54	195.72 14.50 -12.67	209.41 15.25 -14.65	305.50 19.85 -49.40	245.71 18.62 -0.01	205.75 16.80 -0.10	183.50 14.05 -0.01	173.51 13.55 -5.99	161.21 9.27 -54.36	151.75 7.31 -51.91
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	144.20 8.67 -37.04	139.26 7.56 -39.54	132.90 7.28 -34.59	134.14 7.55 -35.63	134.48 7.97 -30.49	142.85 10.57 -0.19	163.98 10.30 0.00	172.01 12.59 0.00	189.07 13.84 0.00	180.29 13.32 -0.48	190.15 13.59 0.00	181.43 13.28 0.00	172.08 13.31 -0.30	171.70 12.04 -16.38	173.31 13.23 -0.69	182.35 12.98 -0.82	197.14 13.64 -3.98	267.17 17.48 -13.44	244.11 17.03 0.00	203.98 15.11 -0.03	182.47 13.05 0.00	172.61 12.32 -6.32	156.53 8.29 -50.66	151.31 7.03 -51.74
EAST_HAMPTON___DIESEL 23722	150.21 14.57 -37.14	144.99 13.18 -39.64	137.99 12.28 -34.68	139.59 12.91 -35.72	145.32 14.12 -35.18	151.31 19.03 -0.19	171.66 17.97 0.00	180.13 20.71 0.00	198.54 23.31 0.00	189.84 22.81 -0.54	201.99 25.43 0.00	188.62 23.36 2.89	179.14 22.35 1.67	178.26 20.21 -14.76	180.66 22.48 1.20	188.57 22.07 2.05	204.12 24.94 0.34	283.91 32.61 -15.04	258.63 31.55 0.00	217.02 28.14 -0.03	189.15 22.71 2.99	179.42 21.39 -4.05	162.04 13.95 -50.51	156.45 12.02 -51.89
EAST_PULASKI___ESR 323781	100.63 -0.59 -2.73	94.52 -0.55 -2.91	93.03 -0.55 -2.55	93.13 -0.45 -2.63	97.79 -0.48 -2.25	131.06 -1.06 -0.01	152.30 -1.38 0.00	158.78 -0.64 0.00	174.53 -0.70 0.00	165.83 -0.67 0.00	175.85 -0.71 0.00	167.31 -0.84 0.00	157.68 -0.79 0.00	145.14 -0.57 -2.43	158.11 -1.28 0.00	167.37 -1.18 0.00	178.44 -1.08 0.00	235.31 -0.94 0.00	225.94 -1.14 0.00	188.28 -0.57 0.00	168.41 -1.02 0.00	153.46 -1.54 -1.03	100.63 -0.68 -3.73	95.91 -0.46 -3.83
EAST_RIVER___1 323558	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.25 8.65 -30.58	143.77 11.49 -0.19	165.22 11.53 -0.01	173.78 14.35 -0.02	190.83 15.59 -0.01	188.86 14.99 -7.37	192.11 15.54 -0.01	183.30 15.14 -0.02	175.69 14.89 -2.33	177.04 13.47 -20.29	176.75 14.83 -2.54	195.88 14.66 -12.67	209.41 15.25 -14.65	305.50 19.85 -49.40	245.93 18.84 -0.01	205.95 17.00 -0.10	183.83 14.39 -0.01	173.65 13.70 -5.99	161.40 9.46 -54.36	152.12 7.68 -51.91
EAST_RIVER___2 323559	144.90 9.26 -37.15	139.65 7.83 -39.66	133.27 7.55 -34.69	134.52 7.82 -35.73	134.86 8.26 -30.58	143.24 10.96 -0.19	164.91 11.21 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.01	188.86 14.99 -7.37	191.92 15.35 -0.01	183.12 14.96 -0.02	175.69 14.89 -2.33	176.90 13.33 -20.29	176.58 14.65 -2.54	195.72 14.50 -12.67	209.41 15.25 -14.65	305.50 19.85 -49.40	245.71 18.62 -0.01	205.75 16.80 -0.10	183.50 14.05 -0.01	173.51 13.55 -5.99	161.21 9.27 -54.36	151.75 7.31 -51.91
EAST___DELAWARE_HYD 23607	141.59 9.55 -33.55	136.27 8.30 -35.81	130.45 8.10 -31.33	131.50 8.28 -32.27	132.47 8.83 -27.61	143.90 11.63 -0.17	166.43 12.75 0.00	173.77 14.35 0.00	190.46 15.24 0.00	182.32 15.83 0.00	192.98 16.42 0.00	184.13 15.98 0.00	173.53 15.06 0.00	170.71 13.47 -13.96	174.21 14.83 0.00	184.05 15.50 0.00	196.38 16.87 0.00	259.65 23.39 0.00	249.34 22.27 0.00	208.11 19.27 0.00	185.86 16.43 0.00	174.52 15.10 -5.45	154.44 10.24 -46.62	149.08 8.70 -47.85
EIGHT_POINT___WT_PWR 323820	106.93 0.78 -7.66	101.26 0.92 -8.17	99.09 0.91 -7.15	99.33 1.00 -7.36	103.77 1.44 -6.30	132.40 0.26 -0.04	156.46 2.77 0.00	162.92 3.50 0.00	177.68 2.45 0.00	168.33 1.83 0.00	178.51 1.95 0.00	169.16 1.01 0.00	159.11 0.64 0.00	146.32 -1.71 -4.74	159.23 -0.16 0.00	167.03 -1.52 0.00	178.07 -1.44 0.00	234.85 -1.41 0.00	225.50 -1.58 0.00	189.22 0.38 0.00	167.90 -1.53 0.00	151.06 -4.15 -1.24	107.37 -0.78 -10.58	103.58 0.19 -10.86
ELBRIDGE_115KV_TB2 80188	102.29 -0.20 -4.00	96.25 -0.18 -4.27	94.67 -0.09 -3.73	94.71 -0.09 -3.84	99.12 -0.19 -3.29	131.19 -0.92 -0.02	152.46 -1.23 0.00	158.94 -0.48 0.00	174.53 -0.70 0.00	165.83 -0.67 0.00	175.85 -0.71 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.60 -0.86 -3.17	157.95 -1.43 0.00	166.87 -1.69 0.00	177.90 -1.62 0.00	234.36 -1.89 0.00	225.03 -2.04 0.00	187.52 -1.32 0.00	167.73 -1.69 0.00	153.31 -2.00 -1.34	102.44 -0.68 -5.55	97.95 -0.28 -5.69
ELEC_TRO_TEK 24086	145.88 10.24 -37.14	140.84 9.03 -39.64	134.36 8.65 -34.68	135.69 9.01 -35.72	140.81 9.60 -35.18	144.97 12.68 -0.19	165.67 11.99 0.00	173.92 14.51 0.00	191.35 16.12 0.00	183.01 15.98 -0.54	192.98 16.42 0.00	183.62 15.47 0.00	174.33 15.53 -0.34	174.06 14.19 -16.59	175.78 15.62 -0.78	184.47 15.00 -0.92	199.95 15.98 -4.46	271.85 20.55 -15.05	247.29 20.21 0.00	206.82 17.94 -0.03	184.51 15.08 0.00	174.63 14.32 -6.34	157.68 9.27 -50.83	152.29 7.87 -51.89
ELLENBURG_WT_PWR 323604	95.24 -3.25 0.00	89.03 -3.13 0.00	88.11 -2.92 0.00	87.41 -3.55 0.00	92.95 -3.08 0.00	127.08 -5.02 0.00	146.93 -6.76 0.00	152.87 -6.54 0.00	168.75 -6.48 0.00	161.50 -4.99 0.00	171.43 -5.13 0.00	162.26 -5.89 0.00	154.20 -4.27 0.00	139.28 -4.01 0.00	154.92 -4.46 0.00	162.32 -6.23 0.00	172.33 -7.19 0.00	228.22 -8.03 0.00	219.59 -7.49 0.00	180.92 -7.92 0.00	162.65 -6.78 0.00	149.50 -4.47 0.00	94.55 -3.03 0.00	90.13 -2.41 0.00

ELM_ST_23_KV_LD_REV_LBMP_A 345012	100.43 -3.94 -5.88	94.85 -3.59 -6.28	93.06 -3.46 -5.49	93.25 -3.37 -5.66	97.70 -3.17 -4.84	126.32 -5.81 -0.03	145.69 -7.99 0.00	150.50 -8.93 -0.01	164.72 -10.51 -0.01	156.18 -10.32 -0.01	165.62 -10.95 -0.01	156.55 -11.60 -0.01	147.07 -11.41 -0.01	135.39 -11.89 -4.00	147.12 -12.27 -0.01	152.20 -16.35 0.00	162.47 -17.05 -0.01	213.82 -22.44 -0.01	205.06 -22.03 -0.01	171.67 -17.18 -0.01	152.65 -16.77 0.00	139.96 -15.70 -1.69	98.50 -7.03 -7.94	95.79 -4.90 -8.15
EMPIRE_CC_1 323656	146.71 3.94 -44.27	143.11 3.69 -47.26	136.10 3.73 -41.34	137.18 3.64 -42.58	136.31 3.85 -36.44	138.13 5.81 -0.22	158.75 5.06 0.00	164.99 5.58 0.00	181.88 6.66 0.00	172.48 5.99 0.00	183.44 6.88 0.00	175.21 7.06 0.00	165.61 7.14 0.00	167.18 6.45 -17.44	166.39 7.01 0.00	175.12 6.57 0.00	185.97 6.45 0.00	244.04 7.78 0.00	234.56 7.48 0.00	195.83 6.99 0.00	176.21 6.78 0.00	167.50 6.47 -7.06	162.04 4.10 -60.37	159.03 4.53 -61.96
EMPIRE_CC_2 323658	146.71 3.94 -44.27	143.11 3.69 -47.26	136.10 3.73 -41.34	137.18 3.64 -42.58	136.31 3.85 -36.44	138.13 5.81 -0.22	158.75 5.06 0.00	164.99 5.58 0.00	181.88 6.66 0.00	172.48 5.99 0.00	183.44 6.88 0.00	175.21 7.06 0.00	165.61 7.14 0.00	167.18 6.45 -17.44	166.39 7.01 0.00	175.12 6.57 0.00	185.97 6.45 0.00	244.04 7.78 0.00	234.56 7.48 0.00	195.83 6.99 0.00	176.21 6.78 0.00	167.50 6.47 -7.06	162.04 4.10 -60.37	159.03 4.53 -61.96
ENORWICH_115KV_TB1 80156	121.53 11.33 -11.71	115.27 10.60 -12.50	111.89 9.92 -10.94	112.23 10.01 -11.27	116.61 10.95 -9.64	147.75 15.59 -0.06	173.20 19.52 0.00	180.94 21.52 0.00	199.58 24.36 0.00	187.64 21.14 0.00	199.33 22.78 0.00	189.33 21.19 0.00	178.91 20.44 0.00	167.07 17.48 -6.30	177.87 18.49 0.00	188.10 19.55 0.00	201.23 21.72 0.00	266.49 30.24 0.00	255.91 28.84 0.00	213.77 24.93 0.00	190.78 21.35 0.00	173.72 17.09 -2.66	124.82 11.22 -16.03	119.72 10.73 -16.45
ERIE_ST__34_KV_TB1-2 80199	100.33 -4.24 -6.07	94.86 -3.78 -6.48	93.05 -3.64 -5.67	93.25 -3.55 -5.84	97.66 -3.36 -5.00	129.35 -2.77 -0.03	150.15 -3.53 0.00	154.96 -4.46 -0.01	169.80 -5.43 -0.01	160.67 -5.83 -0.01	170.56 -6.00 -0.01	161.60 -6.56 -0.01	151.98 -6.50 -0.01	136.04 -11.32 -4.07	152.06 -7.33 -0.01	157.43 -11.12 0.00	168.03 -11.49 -0.01	220.90 -15.36 -0.01	211.87 -15.21 -0.01	177.52 -11.33 -0.01	157.91 -11.52 0.00	140.45 -15.24 -1.72	98.95 -6.83 -8.21	96.05 -4.90 -8.42
ERIE_WT_PWR 323693	100.95 -3.54 -6.00	95.44 -3.13 -6.41	93.63 -3.00 -5.61	93.82 -2.91 -5.77	98.28 -2.69 -4.94	125.79 -6.34 -0.03	147.53 -6.15 0.00	152.73 -6.69 -0.01	166.83 -8.41 -0.01	158.02 -8.49 -0.01	167.74 -8.82 -0.01	158.58 -9.58 -0.01	149.13 -9.35 -0.01	136.31 -11.03 -4.05	149.04 -10.36 -0.01	154.22 -14.33 0.00	164.08 -15.44 -0.01	215.94 -20.32 -0.01	207.55 -19.53 -0.01	174.68 -14.17 -0.01	154.86 -14.57 0.00	139.84 -15.08 -0.95	99.35 -6.34 -8.12	96.24 -4.62 -8.33
ESPRGFLD_115KV_TB1 80157	106.00 6.89 -0.62	99.55 6.73 -0.66	97.97 6.37 -0.57	97.92 6.37 -0.59	103.45 6.91 -0.51	141.74 9.64 0.00	165.67 11.99 0.00	172.96 13.55 0.00	190.30 15.07 0.00	179.81 13.32 0.00	190.86 14.30 0.00	181.26 13.12 0.00	171.30 12.84 0.00	156.23 11.46 -1.48	171.82 12.43 0.00	181.53 12.98 0.00	193.69 14.18 0.00	255.39 19.14 0.00	245.47 18.39 0.00	205.08 16.24 0.00	183.15 13.72 0.00	166.76 12.16 -0.62	106.25 7.81 -0.87	100.37 6.94 -0.89
ETNA_115_KV_TB1_REV_LBMP_C 345029	110.23 3.25 -8.49	104.36 3.13 -9.06	101.96 3.00 -7.93	102.13 3.00 -8.16	106.28 3.26 -6.99	136.37 4.23 -0.04	158.91 5.23 0.00	165.63 6.22 0.00	182.06 6.83 0.00	172.49 5.99 0.00	182.91 6.36 0.00	174.03 5.89 0.00	164.01 5.55 0.00	152.73 4.44 -5.00	164.33 4.94 0.00	173.94 5.39 0.00	185.62 6.10 0.00	244.76 8.51 0.00	235.25 8.17 0.00	196.21 7.36 0.00	175.36 5.93 0.00	159.78 3.70 -2.11	112.18 2.93 -11.68	107.57 3.05 -11.98
ETNA____115KV_TB2 80207	110.23 3.25 -8.49	104.36 3.13 -9.06	101.96 3.00 -7.93	102.13 3.00 -8.16	106.28 3.26 -6.99	136.37 4.23 -0.04	158.91 5.23 0.00	165.63 6.22 0.00	182.06 6.83 0.00	172.49 5.99 0.00	182.91 6.36 0.00	174.03 5.89 0.00	164.01 5.55 0.00	152.73 4.44 -5.00	164.33 4.94 0.00	173.94 5.39 0.00	185.62 6.10 0.00	244.76 8.51 0.00	235.25 8.17 0.00	196.21 7.36 0.00	175.36 5.93 0.00	159.78 3.70 -2.11	112.18 2.93 -11.68	107.57 3.05 -11.98
EUCLID__115KV_TB2 356179	100.88 -0.79 -3.18	94.82 -0.74 -3.39	93.27 -0.73 -2.97	93.38 -0.64 -3.06	97.88 -0.77 -2.62	130.26 -1.85 -0.02	150.92 -2.77 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.66 -0.83 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	144.14 -2.01 -2.86	156.52 -2.87 0.00	165.35 -3.20 0.00	176.28 -3.23 0.00	232.00 -4.25 0.00	222.76 -4.31 0.00	185.63 -3.21 0.00	166.21 -3.22 0.00	151.93 -3.23 -1.19	100.56 -1.37 -4.35	96.17 -0.83 -4.47
E_CANADA_CAP_HY 24051	160.33 7.39 -54.45	157.56 7.28 -58.12	148.70 6.83 -50.84	150.24 6.91 -52.37	148.23 7.39 -44.81	142.95 10.57 -0.28	167.36 13.67 0.00	174.39 14.98 0.00	191.53 16.30 0.00	180.97 14.48 0.00	192.10 15.54 0.00	182.27 14.13 0.00	172.57 14.10 0.00	177.53 12.75 -21.49	173.74 14.35 0.00	183.39 14.84 0.00	195.31 15.80 0.00	257.75 21.50 0.00	247.95 20.88 0.00	206.97 18.13 0.00	184.68 15.25 0.00	176.97 14.32 -8.68	180.77 8.97 -74.23	176.58 7.86 -76.18
E_CANADA_MHWK_HY 24050	101.74 3.25 0.00	95.20 3.04 0.00	93.85 2.82 0.00	93.78 2.82 0.00	98.90 2.88 0.00	136.06 3.96 0.00	157.68 3.99 0.00	163.72 4.31 0.00	180.31 5.08 0.00	171.15 4.66 0.00	182.21 5.65 0.00	173.53 5.38 0.00	163.86 5.39 0.00	148.45 4.72 -0.44	163.84 4.46 0.00	172.77 4.22 0.00	183.46 3.94 0.00	241.22 4.97 0.00	231.85 4.78 0.00	192.99 4.15 0.00	172.99 3.56 0.00	157.51 3.54 0.00	99.91 2.34 0.00	94.75 2.22 0.00
E_FISHKILL__LBMP 23776	144.26 7.49 -38.28	139.66 6.64 -40.86	133.24 6.46 -35.75	134.42 6.64 -36.82	134.54 7.01 -31.51	141.54 9.25 -0.19	162.45 8.76 0.00	169.78 10.36 0.00	186.62 11.39 0.00	177.61 11.16 0.04	187.86 11.30 0.00	179.24 11.10 0.00	169.50 11.09 0.06	168.50 10.17 -15.04	170.21 11.00 0.17	179.27 10.79 0.07	189.68 11.13 0.97	247.40 14.41 3.26	241.15 14.08 0.00	201.49 12.65 0.01	180.27 10.84 0.00	170.79 10.32 -6.51	156.88 7.12 -52.18	152.31 6.20 -53.58
FALCON__SEABRD_CC1 323796	96.62 -1.87 0.00	90.32 -1.84 0.00	89.30 -1.73 0.00	88.69 -2.27 0.00	94.39 -1.63 0.00	128.00 -4.10 0.00	146.77 -6.91 0.00	152.73 -6.69 0.00	168.57 -6.66 0.00	161.33 -5.16 0.00	171.26 -5.29 0.00	162.10 -6.05 0.00	154.98 -3.49 0.00	140.00 -3.29 0.00	155.88 -3.51 0.00	162.15 -6.40 0.00	172.15 -7.37 0.00	228.22 -8.03 0.00	219.35 -7.72 0.00	180.92 -7.92 0.00	162.32 -7.11 0.00	150.43 -3.54 0.00	95.23 -2.34 0.00	91.43 -1.11 0.00
FALCON__SEABRD_CC2 323797	96.62 -1.87 0.00	90.32 -1.84 0.00	89.30 -1.73 0.00	88.69 -2.27 0.00	94.39 -1.63 0.00	128.00 -4.10 0.00	146.77 -6.91 0.00	152.73 -6.69 0.00	168.57 -6.66 0.00	161.33 -5.16 0.00	171.26 -5.29 0.00	162.10 -6.05 0.00	154.98 -3.49 0.00	140.00 -3.29 0.00	155.88 -3.51 0.00	162.15 -6.40 0.00	172.15 -7.37 0.00	228.22 -8.03 0.00	219.35 -7.72 0.00	180.92 -7.92 0.00	162.32 -7.11 0.00	150.43 -3.54 0.00	95.23 -2.34 0.00	91.43 -1.11 0.00

FAR ROCKAWAY___4 23548	147.26 11.62 -37.14	142.13 10.32 -39.64	135.54 9.83 -34.68	136.87 10.19 -35.72	142.15 10.95 -35.18	146.95 14.66 -0.19	168.13 14.45 0.00	176.47 17.06 0.00	194.15 18.92 0.00	185.68 18.65 -0.54	196.16 19.60 0.00	186.64 18.50 0.00	177.03 18.22 -0.34	176.35 16.48 -16.59	178.49 18.33 -0.78	187.17 17.70 -0.92	203.00 19.03 -4.46	276.34 25.04 -15.05	251.60 24.52 0.00	210.41 21.53 -0.03	187.56 18.13 0.00	177.24 16.94 -6.34	159.24 10.83 -50.83	153.68 9.25 -51.89
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	145.20 9.55 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.97 8.28 -35.73	135.34 8.74 -30.58	144.04 11.76 -0.19	165.37 11.68 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.36 15.15 -7.71	191.93 15.36 -0.01	183.13 14.97 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.47 14.66 -13.26	210.10 15.44 -15.15	307.43 20.08 -51.10	246.39 19.30 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.24 13.86 -6.41	161.48 9.37 -54.53	152.31 7.87 -51.91
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	145.20 9.55 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.97 8.28 -35.73	135.44 8.83 -30.58	144.04 11.76 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.36 15.15 -7.71	191.93 15.36 -0.01	183.13 14.97 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.47 14.66 -13.26	210.28 15.62 -15.15	307.43 20.08 -51.10	246.39 19.30 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.24 13.86 -6.41	161.48 9.37 -54.53	152.31 7.87 -51.91
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	145.10 9.46 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.01	189.36 15.15 -7.71	191.93 15.36 -0.01	183.13 14.97 -0.02	175.79 14.90 -2.43	177.23 13.47 -20.47	176.84 14.82 -2.63	196.47 14.66 -13.26	210.10 15.44 -15.15	307.20 19.85 -51.10	246.16 19.07 -0.01	205.94 17.00 -0.10	184.01 14.57 -0.01	174.08 13.70 -6.41	161.38 9.27 -54.53	152.31 7.87 -51.91
FARRAGUT___LBMP 323566	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.25 8.64 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.01	189.03 14.82 -7.71	191.75 15.18 -0.01	182.96 14.80 -0.02	175.63 14.74 -2.43	177.09 13.33 -20.47	176.68 14.66 -2.63	196.30 14.50 -13.26	209.93 15.26 -15.15	306.96 19.61 -51.10	245.94 18.85 -0.01	205.75 16.81 -0.10	183.84 14.40 -0.01	174.08 13.70 -6.41	161.28 9.17 -54.53	152.22 7.77 -51.91
FENNER___WINDPWR 24204	106.43 3.35 -4.59	100.20 3.14 -4.90	98.31 3.00 -4.28	98.37 3.00 -4.41	103.07 3.27 -3.78	136.62 4.49 -0.02	159.06 5.38 0.00	165.80 6.38 0.00	182.59 7.36 0.00	172.98 6.49 0.00	183.80 7.24 0.00	174.88 6.73 0.00	164.97 6.50 0.00	151.89 5.58 -3.01	165.29 5.90 0.00	174.61 6.06 0.00	185.97 6.45 0.00	244.74 8.49 0.00	235.02 7.94 0.00	196.02 7.17 0.00	175.35 5.93 0.00	159.17 4.47 -0.74	107.08 3.22 -6.29	102.23 3.24 -6.45
FIBERTEK___ENERGY 23856	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36
FITZPATRICK___ 23598	98.16 -2.56 -2.23	92.15 -2.40 -2.38	90.84 -2.27 -2.08	90.84 -2.27 -2.15	95.28 -2.59 -1.84	128.15 -3.96 -0.01	148.62 -5.07 0.00	154.64 -4.78 0.00	169.79 -5.43 0.00	161.33 -5.16 0.00	171.08 -5.47 0.00	162.76 -5.39 0.00	153.39 -5.08 0.00	141.06 -4.44 -2.21	154.13 -5.26 0.00	162.65 -5.90 0.00	173.22 -6.29 0.00	227.98 -8.28 0.00	219.12 -7.95 0.00	182.62 -6.23 0.00	163.49 -5.93 0.00	148.79 -5.54 -0.35	97.58 -3.03 -3.03	93.15 -2.49 -3.11
FLOWRFLD_69_KV_BK1 356044	146.86 11.23 -37.14	141.95 10.14 -39.64	135.27 9.56 -34.68	136.69 10.01 -35.72	142.05 10.85 -35.18	146.42 14.13 -0.19	164.91 11.22 0.00	172.65 13.23 0.00	190.12 14.89 0.00	182.18 15.15 -0.54	192.62 16.07 0.00	177.86 14.63 4.92	169.81 14.42 3.08	170.09 13.33 -13.48	171.62 14.82 2.59	178.41 13.99 4.13	191.25 15.44 3.70	271.61 20.32 -15.04	247.51 20.44 0.00	206.82 17.94 -0.03	178.91 14.57 5.09	171.45 14.32 -3.16	157.23 9.37 -50.29	152.47 8.05 -51.89
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	145.27 9.55 -37.22	140.19 8.29 -39.73	133.89 8.10 -34.76	135.04 8.28 -35.80	135.40 8.74 -30.64	144.04 11.76 -0.19	166.13 12.45 0.00	173.60 14.19 0.00	190.65 15.42 0.00	183.12 16.65 0.02	193.86 17.30 0.00	184.79 16.65 0.00	174.44 16.01 0.03	172.88 14.33 -15.26	175.08 15.78 0.08	184.70 16.18 0.04	196.45 17.41 0.48	257.79 23.15 1.62	249.78 22.71 0.00	208.29 19.45 0.00	186.20 16.77 0.00	176.05 15.55 -6.53	160.30 10.34 -52.38	155.19 8.88 -53.77
FORT ORANGE___ 23900	148.70 4.63 -45.58	145.06 4.24 -48.65	137.87 4.28 -42.56	138.99 4.19 -43.84	137.96 4.42 -37.51	138.67 6.34 -0.23	160.44 6.75 0.00	165.14 5.73 0.00	181.88 6.66 0.00	172.82 6.33 0.00	182.73 6.18 0.00	174.70 6.55 0.00	165.12 6.65 0.00	166.78 5.58 -17.91	165.77 6.38 0.00	173.94 5.39 0.00	184.53 5.02 0.00	242.38 6.13 0.00	232.97 5.89 0.00	194.32 5.48 0.00	174.34 4.92 0.00	166.02 4.78 -7.28	162.90 3.12 -62.20	159.90 3.52 -63.84
FORT_DRUM_COGEN 23780	100.82 0.39 -1.93	94.69 0.46 -2.06	93.01 0.18 -1.80	93.18 0.36 -1.86	98.38 0.77 -1.59	133.83 1.72 -0.01	156.76 3.07 0.00	163.40 3.99 0.00	180.31 5.08 0.00	170.32 3.83 0.00	180.97 4.41 0.00	172.18 4.04 0.00	162.11 3.64 0.00	148.55 3.58 -1.68	162.57 3.19 0.00	172.26 3.71 0.00	184.36 4.85 0.00	244.05 7.80 0.00	234.34 7.27 0.00	195.07 6.23 0.00	174.17 4.74 0.00	157.61 2.93 -0.71	101.78 1.56 -2.64	96.17 0.93 -2.71
FOX_HILLS___ESR 323835	146.19 10.54 -37.16	140.96 9.12 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.31 9.70 -30.59	144.98 12.68 -0.20	166.60 12.91 -0.01	174.10 14.67 -0.02	191.19 15.95 -0.02	191.17 15.32 -9.36	192.11 15.54 -0.02	183.47 15.30 -0.02	176.27 14.90 -2.90	178.26 13.61 -21.36	177.26 14.82 -3.05	199.63 15.00 -16.08	212.55 15.44 -17.60	316.16 20.55 -59.35	247.07 19.98 -0.02	206.34 17.37 -0.12	185.03 15.59 -0.02	174.71 14.32 -6.42	162.42 9.46 -55.38	153.15 8.70 -51.92
FPL_FAR_ROCK_GT1 24212	147.25 11.62 -37.14	142.22 10.41 -39.64	135.54 9.83 -34.68	136.87 10.19 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	168.13 14.44 -0.01	176.80 17.38 -0.01	194.16 18.93 0.00	185.68 18.64 -0.54	196.33 19.77 -0.01	186.82 18.66 -0.01	177.18 18.37 -0.34	176.35 16.47 -16.59	178.33 18.16 -0.78	187.17 17.69 -0.93	203.20 19.22 -4.47	276.82 25.52 -15.05	251.38 24.31 0.00	210.40 21.52 -0.04	187.57 18.14 -0.01	176.98 17.09 -5.92	159.73 11.31 -50.84	153.96 9.53 -51.89
FPL_FAR_ROCK_GT2 23815	147.25 11.62 -37.14	142.22 10.41 -39.64	135.54 9.83 -34.68	136.87 10.19 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	168.13 14.44 -0.01	176.80 17.38 -0.01	194.16 18.93 0.00	185.68 18.64 -0.54	196.33 19.77 -0.01	186.82 18.66 -0.01	177.18 18.37 -0.34	176.35 16.47 -16.59	178.33 18.16 -0.78	187.17 17.69 -0.93	203.20 19.22 -4.47	276.82 25.52 -15.05	251.38 24.31 0.00	210.40 21.52 -0.04	187.57 18.14 -0.01	176.98 17.09 -5.92	159.73 11.31 -50.84	153.96 9.53 -51.89

FRANKLIN_FALL_HYD 24054	95.64 -2.86 0.00	89.49 -2.67 0.00	88.48 -2.55 0.00	88.05 -2.91 0.00	93.72 -2.30 0.00	129.06 -3.04 0.00	149.69 -4.00 0.00	155.43 -3.99 0.00	171.37 -3.86 0.00	164.00 -2.50 0.00	174.08 -2.47 0.00	165.46 -2.69 0.00	155.77 -2.69 0.00	141.12 -2.44 -0.26	156.68 -2.71 0.00	165.18 -3.37 0.00	175.38 -4.13 0.00	232.00 -4.25 0.00	222.99 -4.09 0.00	183.93 -4.91 0.00	165.02 -4.41 0.00	151.16 -2.93 -0.11	95.72 -1.85 0.00	90.59 -1.94 0.00
FREEPORT_EQUS_GT1 23764	146.66 11.03 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.32 9.64 -35.72	141.58 10.37 -35.18	146.02 13.74 -0.19	166.74 13.06 0.00	175.36 15.94 0.00	192.75 17.52 0.00	184.35 17.31 -0.54	194.21 17.65 0.00	184.14 16.49 0.50	174.63 16.17 0.01	174.32 14.76 -16.27	176.09 16.27 -0.44	184.80 15.84 -0.41	200.38 17.24 -3.63	273.98 22.68 -15.05	248.66 21.58 0.00	208.15 19.27 -0.04	185.01 16.10 0.52	175.43 15.86 -5.60	158.90 10.54 -50.78	153.31 8.88 -51.89
FREEPORT__CT2 23818	146.66 11.03 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.32 9.64 -35.72	141.58 10.37 -35.18	146.02 13.74 -0.19	166.74 13.06 0.00	175.36 15.94 0.00	192.75 17.52 0.00	184.35 17.31 -0.54	194.21 17.65 0.00	184.14 16.49 0.50	174.63 16.17 0.01	174.32 14.76 -16.27	176.09 16.27 -0.44	184.80 15.84 -0.41	200.38 17.24 -3.63	273.98 22.68 -15.05	248.66 21.58 0.00	208.15 19.27 -0.04	185.01 16.10 0.52	175.43 15.86 -5.60	158.90 10.54 -50.78	153.31 8.88 -51.89
FRESHKLS_33_KV_LOAD 356253	146.19 10.54 -37.16	140.86 9.03 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.31 9.70 -30.59	144.98 12.68 -0.20	166.45 12.76 -0.01	173.94 14.51 -0.02	190.66 15.42 -0.02	190.67 14.82 -9.36	191.40 14.83 -0.02	182.96 14.80 -0.02	175.79 14.42 -2.90	177.69 13.04 -21.36	176.78 14.34 -3.05	199.29 14.66 -16.08	212.19 15.08 -17.60	315.69 20.08 -59.35	246.62 19.53 -0.02	205.96 17.00 -0.12	184.52 15.08 -0.02	174.41 14.01 -6.42	162.23 9.27 -55.38	153.06 8.61 -51.92
FULTON COGEN____ 23766	100.38 -1.08 -2.98	94.33 -1.01 -3.18	92.90 -0.91 -2.78	92.91 -0.91 -2.86	97.52 -0.96 -2.45	130.13 -1.98 -0.02	151.07 -2.61 0.00	157.50 -1.91 0.00	173.12 -2.10 0.00	164.50 -2.00 0.00	174.61 -1.94 0.00	166.30 -1.85 0.00	156.72 -1.74 0.00	144.37 -1.58 -2.66	157.15 -2.23 0.00	166.19 -2.36 0.00	177.00 -2.51 0.00	232.94 -3.31 0.00	223.67 -3.41 0.00	186.39 -2.45 0.00	166.72 -2.71 0.00	151.86 -3.23 -1.12	100.18 -1.46 -4.07	95.70 -1.02 -4.18
FULTON__LFGE 323630	162.19 11.71 -51.99	158.99 11.33 -55.49	150.22 10.65 -48.54	151.69 10.73 -50.00	150.23 11.42 -42.79	149.27 16.91 -0.26	177.51 23.82 0.00	184.44 25.03 0.00	202.04 26.81 0.00	190.63 24.13 0.00	201.80 25.25 0.00	190.34 22.19 0.00	181.44 22.97 0.00	184.94 21.20 -20.45	183.29 23.90 0.00	193.67 25.12 0.00	207.34 27.82 0.00	273.82 37.57 0.00	263.18 36.11 0.00	220.20 31.36 0.00	195.85 26.42 0.00	185.96 23.70 -8.29	182.99 14.54 -70.87	178.13 12.86 -72.74
G.F.CEMENT__DRP 24184	152.08 6.30 -47.28	148.53 5.90 -50.47	140.82 5.64 -44.15	141.98 5.55 -45.47	140.80 5.86 -38.91	141.32 8.98 -0.24	165.67 11.99 0.00	172.33 12.91 0.00	186.09 10.86 0.00	176.48 9.99 0.00	186.97 10.42 0.00	178.24 10.09 0.00	168.93 10.46 0.00	170.95 9.17 -18.49	169.27 9.88 0.00	178.16 9.61 0.00	190.10 10.59 0.00	250.66 14.41 0.00	240.70 13.62 0.00	201.12 12.27 0.00	180.61 11.18 0.00	172.11 10.32 -7.82	170.24 8.20 -64.47	166.66 7.96 -66.17
GARDENVILLE__LBMP 24039	100.65 -3.84 -6.00	95.16 -3.41 -6.40	93.35 -3.28 -5.60	93.55 -3.18 -5.77	97.99 -2.98 -4.94	127.11 -5.02 -0.03	146.77 -6.92 0.00	151.61 -7.81 -0.01	165.95 -9.29 -0.01	157.18 -9.32 -0.01	166.85 -9.71 -0.01	157.73 -10.43 -0.01	148.18 -10.30 -0.01	135.87 -11.46 -4.05	148.24 -11.16 -0.01	153.38 -15.17 0.00	163.72 -15.80 -0.01	215.47 -20.79 -0.01	206.65 -20.44 -0.01	173.18 -15.67 -0.01	154.01 -15.42 0.00	140.44 -15.24 -1.71	98.96 -6.73 -8.11	96.14 -4.72 -8.33
GARDNVLA_35_KV_LD 355827	101.05 -3.45 -6.01	95.53 -3.04 -6.41	93.72 -2.91 -5.61	93.92 -2.82 -5.78	98.38 -2.59 -4.94	127.77 -4.36 -0.03	147.69 -5.99 0.00	152.57 -6.85 -0.01	167.00 -8.24 -0.01	158.18 -8.32 -0.01	167.91 -8.65 -0.01	158.74 -9.42 -0.01	149.28 -9.19 -0.01	136.59 -10.75 -4.05	149.19 -10.20 -0.01	154.39 -14.16 0.00	164.80 -14.72 -0.01	216.89 -19.37 -0.01	208.01 -19.07 -0.01	174.31 -14.54 -0.01	155.03 -14.40 0.00	141.05 -14.63 -1.71	99.45 -6.24 -8.12	96.61 -4.26 -8.33
GELCKHM__115KV_LOAD 80723	101.50 -0.39 -3.40	95.43 -0.37 -3.63	93.93 -0.27 -3.18	93.96 -0.27 -3.27	98.44 -0.38 -2.80	130.93 -1.19 -0.02	151.84 -1.84 0.00	158.14 -1.28 0.00	173.83 -1.40 0.00	165.00 -1.50 0.00	175.14 -1.41 0.00	166.46 -1.68 0.00	157.04 -1.43 0.00	144.92 -1.29 -2.92	157.47 -1.91 0.00	166.36 -2.19 0.00	177.36 -2.15 0.00	233.42 -2.84 0.00	224.35 -2.72 0.00	186.95 -1.89 0.00	167.23 -2.20 0.00	152.74 -2.46 -1.23	101.37 -0.88 -4.67	96.87 -0.46 -4.80
GENERAL__MILLS 23808	100.85 -3.64 -6.00	95.35 -3.23 -6.41	93.54 -3.09 -5.61	93.73 -3.00 -5.77	98.18 -2.78 -4.94	127.51 -4.62 -0.03	147.38 -6.30 0.00	152.25 -7.17 -0.01	166.65 -8.59 -0.01	157.84 -8.66 -0.01	167.56 -9.00 -0.01	158.40 -9.75 -0.01	148.97 -9.51 -0.01	136.16 -11.18 -4.05	148.87 -10.52 -0.01	154.06 -14.50 0.00	164.44 -15.08 -0.01	216.41 -19.85 -0.01	207.55 -19.53 -0.01	173.93 -14.92 -0.01	154.69 -14.74 0.00	140.75 -14.94 -1.71	99.15 -6.54 -8.12	96.33 -4.53 -8.33
GE_PLASTICS__DRP 24183	148.24 4.14 -45.61	144.72 3.87 -48.68	137.53 3.91 -42.59	138.74 3.91 -43.87	137.69 4.13 -37.54	138.01 5.68 -0.23	159.22 5.53 0.00	165.31 5.90 0.00	181.89 6.66 0.00	172.82 6.33 0.00	183.09 6.53 0.00	174.70 6.56 0.00	165.12 6.66 0.00	167.07 5.87 -17.91	165.76 6.38 0.00	174.28 5.73 0.00	184.90 5.39 0.00	243.10 6.85 0.00	233.89 6.81 0.00	195.07 6.23 0.00	174.85 5.42 0.00	166.78 5.23 -7.58	163.31 3.51 -62.22	160.01 3.61 -63.86
GILBOA__1 23756	139.13 4.44 -36.20	135.41 4.61 -38.64	129.38 4.55 -33.80	130.41 4.64 -34.82	130.72 4.89 -29.79	137.70 5.42 -0.18	159.06 5.38 0.00	165.80 6.38 0.00	182.24 7.02 0.00	173.16 6.67 0.00	183.44 6.88 0.00	174.88 6.73 0.00	165.28 6.81 0.00	164.22 6.02 -14.91	165.92 6.54 0.00	174.79 6.24 0.00	185.97 6.45 0.00	244.29 8.04 0.00	235.02 7.94 0.00	196.20 7.36 0.00	175.70 6.27 0.00	165.59 5.85 -5.77	151.12 4.19 -49.35	146.98 3.80 -50.65
GILBOA__2 23757	139.13 4.44 -36.20	135.41 4.61 -38.64	129.38 4.55 -33.80	130.41 4.64 -34.82	130.72 4.89 -29.79	137.70 5.42 -0.18	159.06 5.38 0.00	165.80 6.38 0.00	182.24 7.02 0.00	173.16 6.67 0.00	183.44 6.88 0.00	174.88 6.73 0.00	165.28 6.81 0.00	164.22 6.02 -14.91	165.92 6.54 0.00	174.79 6.24 0.00	185.97 6.45 0.00	244.29 8.04 0.00	235.02 7.94 0.00	196.20 7.36 0.00	175.70 6.27 0.00	165.59 5.85 -5.77	151.12 4.19 -49.35	146.98 3.80 -50.65
GILBOA__3 23758	139.13 4.44 -36.20	135.41 4.61 -38.64	129.38 4.55 -33.80	130.41 4.64 -34.82	130.72 4.89 -29.79	137.70 5.42 -0.18	159.06 5.38 0.00	165.80 6.38 0.00	182.24 7.02 0.00	173.16 6.67 0.00	183.44 6.88 0.00	174.88 6.73 0.00	165.28 6.81 0.00	164.22 6.02 -14.91	165.92 6.54 0.00	174.79 6.24 0.00	185.97 6.45 0.00	244.29 8.04 0.00	235.02 7.94 0.00	196.20 7.36 0.00	175.70 6.27 0.00	165.59 5.85 -5.77	151.12 4.19 -49.35	146.98 3.80 -50.65

GILBOA___4 23759	139.13 4.44 -36.20	135.41 4.61 -38.64	129.38 4.55 -33.80	130.41 4.64 -34.82	130.72 4.89 -29.79	137.70 5.42 -0.18	159.06 5.38 0.00	165.80 6.38 0.00	182.24 7.02 0.00	173.16 6.67 0.00	183.44 6.88 0.00	174.88 6.73 0.00	165.28 6.81 0.00	164.22 6.02 -14.91	165.92 6.54 0.00	174.79 6.24 0.00	185.97 6.45 0.00	244.29 8.04 0.00	235.02 7.94 0.00	196.20 7.36 0.00	175.70 6.27 0.00	165.59 5.85 -5.77	151.12 4.19 -49.35	146.98 3.80 -50.65
GILBOA____ 23599	139.13 4.43 -36.20	135.41 4.61 -38.64	129.38 4.55 -33.80	130.42 4.64 -34.82	130.72 4.90 -29.79	137.83 5.55 -0.18	159.06 5.38 0.00	165.79 6.38 0.00	182.24 7.01 0.00	173.15 6.66 0.00	183.44 6.89 0.00	174.87 6.73 0.00	165.28 6.81 0.00	164.22 6.02 -14.91	165.92 6.53 0.00	174.79 6.24 0.00	185.98 6.46 0.00	244.05 7.80 0.00	234.80 7.72 0.00	196.21 7.36 0.00	175.70 6.27 0.00	166.13 5.85 -6.31	151.03 4.10 -49.35	146.98 3.79 -50.65
GINNA____ 23603	97.70 -5.13 -4.33	91.81 -4.98 -4.62	90.25 -4.83 -4.05	90.39 -4.73 -4.17	94.70 -4.89 -3.57	124.60 -7.52 -0.02	142.92 -10.76 0.00	149.21 -10.21 0.00	163.49 -11.74 0.00	155.34 -11.15 0.00	164.73 -11.83 0.00	155.70 -12.44 0.00	146.27 -12.20 0.00	136.73 -9.89 -3.32	146.63 -12.76 0.00	153.55 -15.00 0.00	164.43 -15.08 0.00	216.41 -19.84 0.00	207.77 -19.30 0.00	173.55 -15.29 0.00	154.52 -14.91 0.00	142.16 -12.47 -0.66	96.74 -6.44 -5.61	92.83 -5.46 -5.76
GLEN PARK____ 23778	101.47 0.98 -1.99	95.21 0.92 -2.13	93.53 0.64 -1.86	93.70 0.82 -1.92	98.91 1.25 -1.64	134.49 2.38 -0.01	157.68 3.99 0.00	164.51 5.10 0.00	181.36 6.13 0.00	171.15 4.66 0.00	182.04 5.48 0.00	173.19 5.04 0.00	162.75 4.28 0.00	149.32 4.29 -1.74	163.37 3.99 0.00	173.26 4.71 0.00	185.43 5.92 0.00	245.71 9.46 0.00	235.92 8.85 0.00	196.59 7.75 0.00	175.35 5.93 0.00	158.14 3.85 -0.32	102.36 2.05 -2.73	96.81 1.48 -2.80
GLENDALE_27_KV_LOAD 356172	146.10 10.44 -37.16	140.96 9.12 -39.67	134.56 8.83 -34.70	135.71 9.01 -35.74	136.22 9.60 -30.59	145.11 12.81 -0.20	166.76 13.06 -0.01	174.58 15.14 -0.02	191.89 16.65 -0.02	192.00 16.15 -9.36	192.99 16.42 -0.02	184.14 15.97 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.30 15.68 -16.08	213.45 16.34 -17.60	316.87 21.26 -59.35	247.76 20.66 -0.02	207.09 18.13 -0.12	185.37 15.93 -0.02	175.18 14.78 -6.42	162.91 9.95 -55.38	153.15 8.70 -51.92
GLENWOOD_IC_1_G5 23712	146.37 10.74 -37.14	141.39 9.59 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.18 -35.18	145.76 13.47 -0.19	166.60 12.91 0.00	175.04 15.62 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.39 17.83 0.00	184.96 16.81 0.00	175.60 16.80 -0.34	175.06 15.19 -16.59	176.90 16.74 -0.78	185.48 16.01 -0.92	201.21 17.23 -4.46	273.74 22.44 -15.05	249.10 22.03 0.00	208.14 19.26 -0.03	185.69 16.27 0.00	175.70 15.40 -6.34	158.26 9.86 -50.83	152.75 8.33 -51.89
GLENWOOD_IC_2_G1 23688	146.07 10.44 -37.14	141.21 9.41 -39.64	134.54 8.83 -34.68	135.87 9.18 -35.72	141.10 9.89 -35.18	145.37 13.08 -0.19	166.13 12.44 0.00	174.72 15.31 0.00	191.88 16.66 0.00	183.52 16.49 -0.54	193.87 17.31 0.00	184.45 16.31 0.00	174.98 16.17 -0.34	174.50 14.62 -16.59	176.26 16.09 -0.78	184.97 15.50 -0.92	200.67 16.70 -4.46	273.27 21.98 -15.05	247.95 20.88 0.00	207.40 18.52 -0.04	185.01 15.58 0.00	174.82 14.93 -5.92	158.46 10.05 -50.83	152.85 8.42 -51.89
GLENWOOD_IC_3_G1 23689	146.07 10.44 -37.14	141.21 9.41 -39.64	134.54 8.83 -34.68	135.87 9.18 -35.72	141.10 9.89 -35.18	145.37 13.08 -0.19	166.13 12.44 0.00	174.72 15.31 0.00	191.88 16.66 0.00	183.52 16.49 -0.54	193.87 17.31 0.00	184.45 16.31 0.00	174.98 16.17 -0.34	174.50 14.62 -16.59	176.26 16.09 -0.78	184.97 15.50 -0.92	200.67 16.70 -4.46	273.27 21.98 -15.05	247.95 20.88 0.00	207.40 18.52 -0.04	185.01 15.58 0.00	174.82 14.93 -5.92	158.46 10.05 -50.83	152.85 8.42 -51.89
GLENWOOD___4 23550	146.37 10.74 -37.14	141.39 9.59 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.18 -35.18	145.76 13.47 -0.19	166.60 12.91 0.00	175.04 15.62 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.39 17.83 0.00	184.96 16.81 0.00	175.60 16.80 -0.34	175.06 15.19 -16.59	176.90 16.74 -0.78	185.48 16.01 -0.92	201.21 17.23 -4.46	273.74 22.44 -15.05	249.10 22.03 0.00	208.14 19.26 -0.03	185.69 16.27 0.00	175.70 15.40 -6.34	158.26 9.86 -50.83	152.75 8.33 -51.89
GLENWOOD___5 23614	146.37 10.74 -37.14	141.39 9.59 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.18 -35.18	145.76 13.47 -0.19	166.60 12.91 0.00	175.04 15.62 0.00	192.58 17.35 0.00	184.18 17.15 -0.54	194.39 17.83 0.00	184.96 16.81 0.00	175.60 16.80 -0.34	175.06 15.19 -16.59	176.90 16.74 -0.78	185.48 16.01 -0.92	201.21 17.23 -4.46	273.74 22.44 -15.05	249.10 22.03 0.00	208.14 19.26 -0.03	185.69 16.27 0.00	175.70 15.40 -6.34	158.26 9.86 -50.83	152.75 8.33 -51.89
GLOBAL GREEN_PORT_GT1 23814	150.01 14.38 -37.14	144.81 13.00 -39.64	137.91 12.20 -34.68	139.51 12.83 -35.72	145.22 14.02 -35.18	151.04 18.75 -0.19	171.35 17.67 0.00	179.99 20.57 0.00	198.18 22.95 0.00	189.67 22.64 -0.54	201.62 25.06 0.00	188.29 23.04 2.89	178.98 22.18 1.68	177.96 19.91 -14.75	180.50 22.31 1.20	188.40 21.90 2.05	203.95 24.78 0.34	283.66 32.37 -15.04	258.42 31.35 0.00	216.65 27.77 -0.03	188.97 22.54 3.00	179.28 21.25 -4.05	161.85 13.76 -50.51	156.27 11.85 -51.89
GLOBE___DSASP 323697	97.53 -6.50 -5.54	92.18 -5.90 -5.91	90.46 -5.73 -5.17	90.65 -5.64 -5.32	94.92 -5.67 -4.56	121.03 -11.10 -0.03	138.62 -15.06 0.00	143.16 -16.26 0.00	156.66 -18.57 0.00	148.35 -18.15 0.00	157.49 -19.07 0.00	148.65 -19.50 0.00	139.77 -18.70 0.00	130.24 -16.91 -3.86	139.63 -19.76 0.00	144.62 -23.93 0.00	154.21 -25.31 0.00	202.94 -33.31 0.00	194.61 -32.47 0.00	162.98 -25.87 0.00	145.03 -24.40 0.00	134.97 -20.63 -1.63	94.98 -10.05 -7.45	92.50 -7.68 -7.65
GOETHSLN___LBMP 323567	144.51 8.86 -37.15	139.47 7.65 -39.66	133.09 7.37 -34.69	134.33 7.64 -35.73	134.77 8.16 -30.58	143.12 10.83 -0.19	164.30 10.60 -0.01	172.50 13.07 -0.02	189.43 14.19 -0.01	188.19 13.99 -7.71	190.69 14.12 -0.01	181.95 13.79 -0.02	174.84 13.95 -2.43	176.37 12.61 -20.47	175.88 13.87 -2.63	195.29 13.48 -13.26	208.85 14.18 -15.15	275.16 18.19 -20.71	244.80 17.71 -0.01	204.81 15.86 -0.10	183.00 13.55 -0.01	173.31 12.93 -6.41	160.89 8.78 -54.53	151.66 7.22 -51.91
GOLAH___69_KV_TB 1_2 80279	102.14 -0.89 -4.54	96.18 -0.83 -4.84	94.63 -0.64 -4.24	94.69 -0.64 -4.36	99.28 -0.48 -3.73	129.08 -3.04 -0.02	149.08 -4.61 0.00	154.79 -4.62 0.00	169.97 -5.26 0.00	161.00 -5.49 0.00	170.91 -5.65 0.00	161.08 -7.06 0.00	151.18 -7.29 0.00	140.71 -6.02 -3.44	150.94 -8.45 0.00	157.43 -11.12 0.00	168.56 -10.95 0.00	222.08 -14.18 0.00	213.68 -13.40 0.00	178.46 -10.39 0.00	158.58 -10.84 0.00	147.26 -8.16 -1.45	100.66 -2.93 -6.01	97.13 -1.57 -6.17
GOODYEAR_LAKE_HYD 323669	116.61 6.30 -11.81	110.86 6.08 -12.61	107.79 5.73 -11.03	108.14 5.82 -11.36	111.99 6.24 -9.72	140.61 8.45 -0.06	163.37 9.68 0.00	170.57 11.16 0.00	187.84 12.62 0.00	177.82 11.32 0.00	188.74 12.18 0.00	179.58 11.43 0.00	169.56 11.09 0.00	159.25 9.74 -6.21	169.75 10.36 0.00	179.00 10.45 0.00	191.00 11.49 0.00	251.61 15.36 0.00	241.84 14.76 0.00	201.87 13.03 0.00	180.61 11.18 0.00	166.14 9.55 -2.63	120.13 6.44 -16.11	114.90 5.83 -16.54

GOUDEY_115_KV_TB6_REV_LBMP_C 345031	112.13 1.58 -12.06	106.70 1.66 -12.87	103.84 1.55 -11.26	104.20 1.64 -11.60	107.78 1.82 -9.93	134.40 2.25 -0.06	155.99 2.31 0.00	162.28 2.87 0.00	178.21 2.98 0.00	168.99 2.50 0.00	179.21 2.65 0.00	170.50 2.35 0.00	160.69 2.22 0.00	150.75 1.00 -6.46	161.14 1.75 0.00	169.73 1.18 0.00	180.95 1.44 0.00	238.14 1.89 0.00	228.67 1.59 0.00	191.11 2.27 0.00	170.78 1.36 0.00	156.55 -0.15 -2.73	114.93 0.88 -16.48	110.65 1.20 -16.91
GOUDEY___7 23579	112.23 1.67 -12.06	106.79 1.75 -12.87	103.93 1.64 -11.26	104.29 1.73 -11.60	107.87 1.92 -9.93	134.54 2.38 -0.06	156.14 2.46 0.00	162.44 3.03 0.00	178.38 3.15 0.00	169.16 2.66 0.00	179.38 2.82 0.00	170.67 2.52 0.00	161.00 2.54 0.00	150.89 1.15 -6.46	161.30 1.91 0.00	169.90 1.35 0.00	181.13 1.62 0.00	238.38 2.13 0.00	229.12 2.04 0.00	191.49 2.64 0.00	171.12 1.69 0.00	156.70 0.00 -2.73	115.03 0.98 -16.48	110.74 1.30 -16.91
GOUDEY___8 23580	112.13 1.58 -12.06	106.70 1.66 -12.87	103.84 1.55 -11.26	104.20 1.64 -11.60	107.78 1.82 -9.93	134.40 2.25 -0.06	155.99 2.31 0.00	162.28 2.87 0.00	178.21 2.98 0.00	168.99 2.50 0.00	179.21 2.65 0.00	170.50 2.35 0.00	160.69 2.22 0.00	150.75 1.00 -6.46	161.14 1.75 0.00	169.73 1.18 0.00	180.95 1.44 0.00	238.14 1.89 0.00	228.67 1.59 0.00	191.11 2.27 0.00	170.78 1.36 0.00	156.55 -0.15 -2.73	114.93 0.88 -16.48	110.65 1.20 -16.91
GOWANUS_GT1_1 24077	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_2 24078	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_3 24079	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_4 24080	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_5 24084	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_6 24111	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_7 24112	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT1_8 24113	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT2_1 24114	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_2 24115	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_3 24116	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_4 24117	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92

GOWANUS_GT2_5 24118	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_6 24119	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_7 24120	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT2_8 24121	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_1 24122	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_2 24123	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_3 24124	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_4 24125	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_5 24126	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_6 24127	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_7 24128	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT3_8 24129	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
GOWANUS_GT4_1 24130	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_2 24131	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_3 24132	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92

GOWANUS_GT4_4 24133	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_5 24134	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_6 24135	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_7 24136	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GOWANUS_GT4_8 24137	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GREENBSH_115KV_TB3 55895	148.54 4.24 -45.81	144.93 3.87 -48.89	137.72 3.91 -42.78	138.93 3.91 -44.06	137.76 4.03 -37.70	138.27 5.94 -0.23	159.37 5.69 0.00	165.15 5.74 0.00	181.89 6.66 0.00	172.82 6.33 0.00	183.09 6.53 0.00	174.87 6.73 0.00	165.28 6.81 0.00	167.29 6.02 -17.98	165.92 6.53 0.00	173.94 5.39 0.00	184.36 4.85 0.00	242.39 6.14 0.00	232.98 5.90 0.00	194.51 5.67 0.00	174.34 4.91 0.00	166.35 4.77 -7.60	163.28 3.22 -62.48	160.27 3.61 -64.13
GREENDGE_115KV_TB5 80291	105.27 -0.59 -7.37	99.47 -0.55 -7.86	97.36 -0.55 -6.88	97.59 -0.45 -7.08	101.90 -0.19 -6.06	131.34 -0.79 -0.04	155.84 2.15 0.00	162.44 3.03 0.00	178.03 2.80 0.00	168.83 2.33 0.00	179.03 2.47 0.00	170.00 1.85 0.00	159.90 1.43 0.00	148.05 0.00 -4.76	160.18 0.80 0.00	169.39 0.84 0.00	180.95 1.44 0.00	238.85 2.60 0.00	229.35 2.27 0.00	191.49 2.64 0.00	170.78 1.36 0.00	154.13 -1.85 -2.01	108.02 -0.29 -10.74	103.83 0.28 -11.02
GREENIDGE___3 23582	105.27 -0.59 -7.37	99.47 -0.55 -7.86	97.36 -0.55 -6.88	97.59 -0.45 -7.08	101.90 -0.19 -6.06	131.34 -0.79 -0.04	155.84 2.15 0.00	162.44 3.03 0.00	178.03 2.80 0.00	168.83 2.33 0.00	179.03 2.47 0.00	170.00 1.85 0.00	159.90 1.43 0.00	148.05 0.00 -4.76	160.18 0.80 0.00	169.39 0.84 0.00	180.95 1.44 0.00	238.85 2.60 0.00	229.35 2.27 0.00	191.49 2.64 0.00	170.78 1.36 0.00	154.13 -1.85 -2.01	108.02 -0.29 -10.74	103.83 0.28 -11.02
GREENIDGE___4 23583	105.27 -0.59 -7.37	99.48 -0.55 -7.86	97.36 -0.54 -6.88	97.59 -0.45 -7.08	101.80 -0.29 -6.06	130.81 -1.32 -0.04	155.84 2.15 0.00	162.77 3.35 0.00	178.02 2.79 0.00	168.83 2.33 0.00	179.03 2.47 0.00	170.00 1.85 0.00	159.89 1.42 0.00	148.05 0.00 -4.76	160.19 0.80 0.00	169.40 0.85 0.00	180.78 1.27 0.00	238.62 2.36 0.00	229.35 2.27 0.00	191.86 3.01 0.00	170.78 1.35 0.00	153.22 -2.01 -1.26	108.02 -0.29 -10.74	103.83 0.28 -11.02
GREENLWN_69_KV_BK 3 55738	145.19 9.55 -37.14	140.75 8.94 -39.64	134.27 8.56 -34.68	135.60 8.91 -35.72	140.81 9.60 -35.18	144.31 12.02 -0.19	163.21 9.53 0.00	171.53 12.12 0.00	188.72 13.49 0.00	180.68 13.65 -0.54	189.62 13.07 0.00	167.34 11.94 12.74	161.98 12.04 8.53	162.85 11.03 -8.52	163.56 12.11 7.94	167.66 11.29 12.18	175.02 12.21 16.70	267.12 15.83 -15.04	242.74 15.67 0.00	202.85 13.97 -0.03	167.75 11.52 13.19	163.17 11.09 1.89	154.13 7.12 -49.43	150.25 5.83 -51.88
GREENWD_138_KV_38B11_REV_LBMP_J 345004	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92
GRISSOM___SOLAR 323813	162.19 11.71 -51.99	158.99 11.33 -55.49	150.22 10.65 -48.54	151.69 10.73 -50.00	150.23 11.42 -42.79	149.27 16.91 -0.26	177.51 23.82 0.00	184.44 25.03 0.00	202.04 26.81 0.00	190.63 24.13 0.00	201.80 25.25 0.00	190.34 22.19 0.00	181.44 22.97 0.00	184.94 21.20 -20.45	183.29 23.90 0.00	193.67 25.12 0.00	207.34 27.82 0.00	273.82 37.57 0.00	263.18 36.11 0.00	220.20 31.36 0.00	195.85 26.42 0.00	185.96 23.70 -8.29	182.99 14.54 -70.87	178.13 12.86 -72.74
GROVEVILLE___HYD 323602	145.27 9.55 -37.22	140.19 8.29 -39.73	133.89 8.10 -34.76	135.04 8.28 -35.80	135.40 8.74 -30.64	144.04 11.76 -0.19	166.13 12.45 0.00	173.60 14.19 0.00	190.65 15.42 0.00	183.12 16.65 0.02	193.86 17.30 0.00	184.79 16.65 0.00	174.44 16.01 0.03	172.88 14.33 -15.26	175.08 15.78 0.08	184.70 16.18 0.04	196.45 17.41 0.48	257.79 23.15 1.62	249.78 22.71 0.00	208.29 19.45 0.00	186.20 16.77 0.00	176.05 15.55 -6.53	160.30 10.34 -52.38	155.19 8.88 -53.77
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36
HAMLTNNY_34_KV_TB 80303	103.00 0.49 -4.01	96.91 0.46 -4.28	95.23 0.46 -3.75	95.37 0.55 -3.86	99.81 0.48 -3.30	132.12 0.00 -0.02	153.84 0.15 0.00	160.37 0.96 0.00	176.10 0.88 0.00	167.33 0.83 0.00	177.44 0.88 0.00	168.65 0.50 0.00	158.94 0.48 0.00	146.75 0.29 -3.18	159.23 -0.16 0.00	168.21 -0.34 0.00	179.51 0.00 0.00	236.49 0.24 0.00	227.07 0.00 0.00	189.22 0.38 0.00	169.26 -0.17 0.00	154.54 -0.77 -1.34	103.23 0.10 -5.56	98.80 0.56 -5.71

HAMPSHIRE___PAPER_HYD 323593	95.28 -4.23 -1.02	89.29 -3.96 -1.09	87.88 -4.09 -0.95	87.94 -4.00 -0.98	92.92 -3.94 -0.84	127.35 -4.75 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.08 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.17 0.00	164.95 -3.20 0.00	155.13 -3.34 0.00	141.42 -2.73 -0.86	156.03 -3.35 0.00	165.52 -3.03 0.00	176.63 -2.88 0.00	233.17 -3.08 0.00	224.12 -2.96 0.00	185.81 -3.03 0.00	166.55 -2.88 0.00	150.89 -3.24 -0.16	96.73 -2.24 -1.39	90.54 -3.42 -1.43
HARDSCRABBLE_WT_PWR 323673	101.64 3.15 0.00	95.02 2.86 0.00	93.67 2.64 0.00	93.50 2.54 0.00	98.71 2.68 0.00	135.67 3.57 0.00	157.37 3.68 0.00	163.40 3.99 0.00	179.96 4.73 0.00	170.82 4.32 0.00	182.04 5.48 0.00	173.36 5.22 0.00	163.69 5.22 0.00	148.18 4.45 -0.44	163.37 3.99 0.00	172.25 3.70 0.00	182.92 3.40 0.00	240.51 4.26 0.00	230.93 3.86 0.00	192.42 3.58 0.00	172.48 3.05 0.00	156.89 2.92 0.00	99.53 1.95 0.00	94.39 1.85 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	141.58 8.08 -35.01	136.54 7.00 -37.37	130.55 6.83 -32.69	131.63 7.00 -33.67	132.33 7.49 -28.81	142.05 9.78 -0.18	163.52 9.84 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.56 11.99 -0.07	188.74 12.18 0.00	180.08 11.94 0.00	170.29 11.73 -0.10	168.82 10.75 -14.79	171.32 11.64 -0.30	180.14 11.46 -0.13	193.42 12.21 -1.70	257.59 15.59 -5.75	242.52 15.44 0.00	202.64 13.79 -0.01	181.29 11.86 0.00	171.05 11.09 -5.99	152.66 7.61 -47.47	147.70 6.48 -48.68
HARSNRAD_115KV_TB1 81005	99.52 -4.43 -5.46	93.93 -4.06 -5.83	92.21 -3.91 -5.10	92.39 -3.82 -5.25	96.87 -3.65 -4.49	124.60 -7.53 -0.03	143.39 -10.30 0.00	148.10 -11.32 0.00	162.09 -13.14 0.00	153.68 -12.82 0.00	163.14 -13.42 0.00	151.84 -16.31 0.00	142.78 -15.69 0.00	132.50 -14.62 -3.82	142.65 -16.74 0.00	147.65 -20.90 0.00	157.62 -21.90 0.00	207.67 -28.59 0.00	199.15 -27.93 0.00	166.56 -22.28 0.00	148.08 -21.35 0.00	137.11 -18.48 -1.62	96.23 -8.68 -7.34	93.87 -6.20 -7.53
HARZA MOOSE___RIVER 24016	102.22 2.36 -1.36	95.74 2.12 -1.45	94.21 1.91 -1.27	94.18 1.91 -1.31	99.45 2.30 -1.12	135.67 3.57 -0.01	158.45 4.76 0.00	165.15 5.74 0.00	182.06 6.83 0.00	172.32 5.83 0.00	183.09 6.53 0.00	174.20 6.05 0.00	164.33 5.86 0.00	149.69 5.30 -1.10	164.64 5.26 0.00	174.11 5.56 0.00	185.80 6.28 0.00	244.99 8.74 0.00	235.25 8.17 0.00	195.83 6.99 0.00	175.36 5.93 0.00	159.05 4.62 -0.47	102.37 2.93 -1.86	96.95 2.50 -1.91
HDSNBRDG_115KV_BRDG_TB1 355580	101.65 -0.30 -3.45	95.57 -0.28 -3.68	94.07 -0.18 -3.22	94.10 -0.18 -3.32	98.58 -0.29 -2.84	130.93 -1.19 -0.02	151.69 -2.00 0.00	158.14 -1.28 0.00	173.83 -1.40 0.00	165.16 -1.33 0.00	175.14 -1.41 0.00	166.63 -1.51 0.00	157.04 -1.43 0.00	144.89 -1.29 -2.89	157.47 -1.91 0.00	166.36 -2.19 0.00	177.18 -2.33 0.00	233.42 -2.84 0.00	224.12 -2.95 0.00	186.77 -2.08 0.00	167.06 -2.37 0.00	152.73 -2.46 -1.22	101.42 -0.88 -4.72	97.01 -0.37 -4.85
HELLGATE_13_KV_LD 55870	145.70 10.05 -37.16	140.68 8.85 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	191.00 15.15 -9.36	192.11 15.54 -0.02	183.30 15.13 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.52 9.56 -55.38	152.78 8.33 -51.92
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	145.70 10.05 -37.16	140.68 8.85 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	191.00 15.15 -9.36	192.11 15.54 -0.02	183.30 15.13 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.77 16.81 -0.12	184.52 15.08 -0.02	174.25 13.86 -6.42	162.52 9.56 -55.38	152.78 8.33 -51.92
HEMPSTEAD___ 23647	145.97 10.34 -37.14	141.02 9.22 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	141.00 9.80 -35.18	145.24 12.95 -0.19	165.83 12.14 0.00	174.40 14.98 0.00	191.70 16.47 0.00	183.36 16.33 -0.54	193.68 17.12 0.00	183.78 15.98 0.35	174.40 15.85 -0.09	173.98 14.33 -16.36	175.70 15.78 -0.54	184.28 15.18 -0.56	199.89 16.50 -3.87	273.02 21.72 -15.05	247.74 20.66 0.00	207.19 18.31 -0.04	184.32 15.25 0.37	174.44 14.78 -5.69	158.22 9.85 -50.79	152.66 8.23 -51.89
HEWLETT___69_KV_BK3 55828	146.76 11.13 -37.14	141.67 9.86 -39.64	135.09 9.38 -34.68	136.41 9.73 -35.72	141.67 10.47 -35.18	146.16 13.87 -0.19	167.21 13.52 0.00	175.68 16.26 0.00	193.10 17.87 0.00	184.68 17.65 -0.54	194.92 18.36 0.00	185.63 17.49 0.00	176.08 17.27 -0.34	175.49 15.62 -16.59	177.38 17.21 -0.78	186.16 16.69 -0.92	201.93 17.95 -4.46	274.69 23.39 -15.05	250.01 22.93 0.00	209.08 20.21 -0.03	186.54 17.11 0.00	176.32 16.01 -6.34	158.75 10.34 -50.83	153.22 8.79 -51.89
HICKLING___1 23621	108.96 0.98 -9.49	103.40 1.11 -10.13	100.98 1.09 -8.86	101.18 1.09 -9.12	105.27 1.44 -7.81	134.13 1.98 -0.05	156.14 2.46 0.00	162.29 2.87 0.00	177.86 2.63 0.00	168.66 2.16 0.00	178.85 2.30 0.00	170.00 1.85 0.00	159.90 1.43 0.00	148.18 -0.57 -5.46	160.18 0.80 0.00	168.55 0.00 0.00	179.87 0.36 0.00	236.73 0.47 0.00	227.30 0.23 0.00	190.17 1.32 0.00	169.60 0.17 0.00	153.66 -2.62 -2.31	110.46 -0.20 -13.08	106.61 0.65 -13.43
HICKLING___2 23622	108.96 0.98 -9.49	103.40 1.11 -10.13	100.98 1.09 -8.86	101.18 1.09 -9.12	105.27 1.44 -7.81	134.13 1.98 -0.05	156.14 2.46 0.00	162.29 2.87 0.00	177.86 2.63 0.00	168.66 2.16 0.00	178.85 2.30 0.00	170.00 1.85 0.00	159.90 1.43 0.00	148.18 -0.57 -5.46	160.18 0.80 0.00	168.55 0.00 0.00	179.87 0.36 0.00	236.73 0.47 0.00	227.30 0.23 0.00	190.17 1.32 0.00	169.60 0.17 0.00	153.66 -2.62 -2.31	110.46 -0.20 -13.08	106.61 0.65 -13.43
HIGH FALLS___HY 23754	145.21 9.75 -36.96	140.01 8.39 -39.45	133.74 8.19 -34.52	134.88 8.37 -35.55	135.38 8.93 -30.42	144.17 11.89 -0.19	166.13 12.45 0.00	173.60 14.19 0.00	190.47 15.24 0.00	182.81 16.32 0.00	193.33 16.77 0.00	184.46 16.31 0.00	174.00 15.53 0.00	172.40 13.90 -15.21	174.85 15.46 0.00	184.73 16.18 0.00	197.11 17.59 0.00	259.88 23.63 0.00	250.01 22.93 0.00	208.67 19.83 0.00	186.37 16.94 0.00	175.95 15.55 -6.43	159.52 10.44 -51.51	154.19 8.79 -52.86
HILLBURN___GT 23639	142.13 8.17 -35.46	137.21 7.19 -37.85	131.06 6.91 -33.12	132.17 7.10 -34.11	132.80 7.58 -29.19	142.05 9.78 -0.18	163.37 9.69 0.00	171.38 11.96 0.00	188.01 12.78 0.00	178.90 12.32 -0.09	189.28 12.72 0.00	180.59 12.44 0.00	170.95 12.37 -0.12	169.53 11.18 -15.06	171.84 12.11 -0.34	180.49 11.79 -0.15	193.86 12.38 -1.97	258.97 16.07 -6.65	242.52 15.45 0.00	203.03 14.17 -0.02	181.46 12.03 0.00	170.99 11.39 -5.63	153.83 8.09 -48.16	148.49 6.57 -49.38
HILLSIDE_115KV_TB1 80332	107.93 -0.39 -9.83	102.57 -0.09 -10.49	100.12 -0.09 -9.18	100.33 -0.09 -9.46	104.31 0.19 -8.09	132.28 0.13 -0.05	153.84 0.15 0.00	159.89 0.48 0.00	175.23 0.00 0.00	166.00 -0.50 0.00	176.03 -0.53 0.00	167.48 -0.67 0.00	157.68 -0.79 0.00	146.16 -2.72 -5.60	157.95 -1.43 0.00	166.02 -2.53 0.00	177.00 -2.51 0.00	232.95 -3.31 0.00	223.67 -3.41 0.00	187.33 -1.51 0.00	167.06 -2.37 0.00	151.72 -4.62 -2.37	109.65 -1.46 -13.54	105.69 -0.74 -13.90

HISHELDN_WT_PWR 323625	101.69 -3.35 -6.54	96.20 -2.95 -6.98	94.32 -2.82 -6.11	94.53 -2.73 -6.29	98.82 -2.59 -5.39	126.19 -5.94 -0.03	147.53 -6.15 0.00	152.88 -6.54 -0.01	167.00 -8.23 -0.01	158.18 -8.32 -0.01	167.92 -8.65 -0.01	158.58 -9.58 -0.01	149.12 -9.35 -0.01	137.39 -10.17 -4.27	149.36 -10.04 -0.01	155.06 -13.49 0.00	165.15 -14.37 -0.01	217.35 -18.91 -0.01	208.91 -18.17 -0.01	175.63 -13.22 -0.01	155.87 -13.56 0.00	141.15 -13.86 -1.04	100.62 -5.85 -8.90	97.41 -4.26 -9.13
HOLTSVILLE_IC_1 23690	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
HOLTSVILLE_IC_10 23699	147.05 11.42 -37.14	142.13 10.32 -39.64	135.35 9.64 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.82 15.59 0.00	182.86 15.83 -0.54	194.38 17.82 0.00	180.83 16.14 3.46	172.24 15.85 2.07	172.15 14.47 -14.39	173.88 16.09 1.59	181.41 15.50 2.64	195.63 17.41 1.29	274.46 23.17 -15.04	249.09 22.02 0.00	208.33 19.46 -0.03	181.60 15.76 3.58	173.37 15.71 -3.68	158.66 10.64 -50.45	153.59 9.16 -51.89
HOLTSVILLE_IC_2 23691	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
HOLTSVILLE_IC_3 23692	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
HOLTSVILLE_IC_4 23693	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
HOLTSVILLE_IC_5 23694	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
HOLTSVILLE_IC_6 23695	147.05 11.42 -37.14	142.13 10.32 -39.64	135.35 9.64 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.82 15.59 0.00	182.86 15.83 -0.54	194.38 17.82 0.00	180.83 16.14 3.46	172.24 15.85 2.07	172.15 14.47 -14.39	173.88 16.09 1.59	181.41 15.50 2.64	195.63 17.41 1.29	274.46 23.17 -15.04	249.09 22.02 0.00	208.33 19.46 -0.03	181.60 15.76 3.58	173.37 15.71 -3.68	158.66 10.64 -50.45	153.59 9.16 -51.89
HOLTSVILLE_IC_7 23696	147.05 11.42 -37.14	142.13 10.32 -39.64	135.35 9.64 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.82 15.59 0.00	182.86 15.83 -0.54	194.38 17.82 0.00	180.83 16.14 3.46	172.24 15.85 2.07	172.15 14.47 -14.39	173.88 16.09 1.59	181.41 15.50 2.64	195.63 17.41 1.29	274.46 23.17 -15.04	249.09 22.02 0.00	208.33 19.46 -0.03	181.60 15.76 3.58	173.37 15.71 -3.68	158.66 10.64 -50.45	153.59 9.16 -51.89
HOLTSVILLE_IC_8 23697	147.05 11.42 -37.14	142.13 10.32 -39.64	135.35 9.64 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.82 15.59 0.00	182.86 15.83 -0.54	194.38 17.82 0.00	180.83 16.14 3.46	172.24 15.85 2.07	172.15 14.47 -14.39	173.88 16.09 1.59	181.41 15.50 2.64	195.63 17.41 1.29	274.46 23.17 -15.04	249.09 22.02 0.00	208.33 19.46 -0.03	181.60 15.76 3.58	173.37 15.71 -3.68	158.66 10.64 -50.45	153.59 9.16 -51.89
HOLTSVILLE_IC_9 23698	147.05 11.42 -37.14	142.13 10.32 -39.64	135.35 9.64 -34.68	136.78 10.10 -35.72	142.15 10.94 -35.18	146.82 14.53 -0.19	165.82 12.14 0.00	173.45 14.03 0.00	190.82 15.59 0.00	182.86 15.83 -0.54	194.38 17.82 0.00	180.83 16.14 3.46	172.24 15.85 2.07	172.15 14.47 -14.39	173.88 16.09 1.59	181.41 15.50 2.64	195.63 17.41 1.29	274.46 23.17 -15.04	249.09 22.02 0.00	208.33 19.46 -0.03	181.60 15.76 3.58	173.37 15.71 -3.68	158.66 10.64 -50.45	153.59 9.16 -51.89
HOMER_HL_115KV_TB2 355744	100.60 -4.63 -6.74	95.30 -4.06 -7.19	93.41 -3.91 -6.29	93.62 -3.82 -6.48	98.02 -3.55 -5.55	131.08 -1.06 -0.03	152.92 -0.77 0.00	157.83 -1.59 -0.01	172.60 -2.63 -0.01	163.00 -3.50 -0.01	173.03 -3.53 -0.01	164.45 -3.70 -0.01	154.51 -3.96 -0.01	136.17 -11.46 -4.35	154.77 -4.62 -0.01	160.46 -8.09 0.00	171.08 -8.44 -0.01	224.44 -11.81 -0.01	215.73 -11.35 -0.01	181.11 -7.74 -0.01	161.30 -8.13 0.00	140.57 -15.24 -1.84	99.81 -6.93 -9.16	96.67 -5.27 -9.41
HOWARD_WT_PWR 323690	107.06 0.78 -7.78	101.48 1.02 -8.30	99.30 1.00 -7.27	99.54 1.10 -7.48	103.96 1.53 -6.40	132.54 0.40 -0.04	156.76 3.07 0.00	163.24 3.82 0.00	178.03 2.79 0.00	168.66 2.16 0.00	178.85 2.29 0.00	169.33 1.19 0.00	159.27 0.80 0.00	146.51 -1.57 -4.79	159.39 0.00 0.00	167.20 -1.35 0.00	178.45 -1.07 0.00	235.31 -0.94 0.00	225.95 -1.13 0.00	189.60 0.76 0.00	168.25 -1.18 0.00	151.08 -4.15 -1.26	107.56 -0.78 -10.77	103.77 0.19 -11.05
HQ_GEN_CEDARS 23644	92.88 -5.61 0.00	86.91 -5.25 0.00	85.75 -5.28 0.00	85.59 -5.37 0.00	90.65 -5.38 0.00	126.02 -6.08 0.00	150.00 -3.69 0.00	154.95 -4.46 0.00	170.50 -4.73 0.00	162.33 -4.16 0.00	172.32 -4.24 0.00	164.11 -4.04 0.00	154.03 -4.44 0.00	139.66 -3.87 -0.24	155.40 -3.98 0.00	165.18 -3.37 0.00	175.74 -3.77 0.00	231.76 -4.49 0.00	222.76 -4.31 0.00	184.12 -4.72 0.00	165.53 -3.90 0.00	150.68 -3.39 -0.10	94.94 -2.63 0.00	87.72 -4.81 0.00
HQ_GEN_CEDARS_PROXY 323590	92.88 -5.61 0.00	86.91 -5.25 0.00	85.75 -5.28 0.00	85.59 -5.37 0.00	90.65 -5.38 0.00	125.89 -6.21 0.00	150.00 -3.69 0.00	154.95 -4.46 0.00	170.50 -4.72 0.00	162.34 -4.16 0.00	172.32 -4.24 0.00	163.95 -4.20 0.00	154.03 -4.44 0.00	139.67 -3.86 -0.24	155.41 -3.98 0.00	165.00 -3.55 0.00	175.73 -3.78 0.00	231.76 -4.50 0.00	222.75 -4.32 0.00	183.93 -4.91 0.00	165.54 -3.89 0.00	152.00 -3.39 -1.41	93.53 -2.63 1.41	87.72 -4.82 0.00

HQ_GEN_IMPORT 323601	95.73 -2.76 0.00	89.58 -2.58 0.00	88.39 -2.64 0.00	88.32 -2.64 0.00	93.34 -2.69 0.00	129.07 -3.03 0.00	151.38 -2.30 0.00	156.23 -3.19 0.00	171.72 -3.50 0.00	163.33 -3.17 0.00	173.20 -3.36 0.00	164.95 -3.20 0.00	155.13 -3.34 0.00	140.27 -3.02 0.00	156.35 -3.03 0.00	166.19 -2.36 0.00	177.00 -2.51 0.00	233.17 -3.08 0.00	224.12 -2.96 0.00	185.45 -3.39 0.00	166.89 -2.54 0.00	154.00 -2.31 -2.34	93.00 -2.24 2.34	90.23 -2.31 0.00
HQ_GEN_WHEEL 23651	95.73 -2.76 0.00	89.58 -2.58 0.00	88.39 -2.64 0.00	88.32 -2.64 0.00	93.34 -2.69 0.00	129.07 -3.03 0.00	151.38 -2.30 0.00	156.23 -3.19 0.00	171.72 -3.50 0.00	163.33 -3.17 0.00	173.20 -3.36 0.00	164.95 -3.20 0.00	155.13 -3.34 0.00	140.27 -3.02 0.00	156.35 -3.03 0.00	166.19 -2.36 0.00	177.00 -2.51 0.00	233.17 -3.08 0.00	224.12 -2.96 0.00	185.45 -3.39 0.00	166.89 -2.54 0.00	154.00 -2.31 -2.34	93.00 -2.24 2.34	90.23 -2.31 0.00
HUDSON_AVE_GT_3 23810	145.20 9.55 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.97 8.28 -35.73	135.44 8.83 -30.58	144.04 11.76 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.53 15.32 -7.71	192.11 15.54 -0.01	183.30 15.13 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.64 14.83 -13.26	210.28 15.62 -15.15	307.43 20.08 -51.10	246.62 19.53 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.39 14.01 -6.41	161.48 9.37 -54.53	152.31 7.87 -51.91
HUDSON_AVE_GT_4 23540	145.20 9.55 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.97 8.28 -35.73	135.44 8.83 -30.58	144.04 11.76 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.53 15.32 -7.71	192.11 15.54 -0.01	183.30 15.13 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.64 14.83 -13.26	210.28 15.62 -15.15	307.43 20.08 -51.10	246.62 19.53 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.39 14.01 -6.41	161.48 9.37 -54.53	152.31 7.87 -51.91
HUDSON_AVE_GT_5 23657	145.20 9.55 -37.15	140.12 8.29 -39.66	133.73 8.01 -34.69	134.97 8.28 -35.73	135.44 8.83 -30.58	144.04 11.76 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.53 15.32 -7.71	192.11 15.54 -0.01	183.30 15.13 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.64 14.83 -13.26	210.28 15.62 -15.15	307.43 20.08 -51.10	246.62 19.53 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.39 14.01 -6.41	161.48 9.37 -54.53	152.31 7.87 -51.91
HUDSON_AVE_10 24168	145.10 9.46 -37.15	140.02 8.20 -39.66	133.64 7.92 -34.69	134.88 8.19 -35.73	135.25 8.64 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.01	189.36 15.15 -7.71	191.93 15.36 -0.01	183.13 14.97 -0.02	175.95 15.05 -2.43	177.37 13.61 -20.47	176.99 14.98 -2.63	196.64 14.83 -13.26	210.28 15.62 -15.15	307.43 20.08 -51.10	246.62 19.53 -0.01	206.13 17.18 -0.10	184.18 14.74 -0.01	174.39 14.01 -6.41	161.57 9.46 -54.53	152.31 7.87 -51.91
HUDSON___115KV_TB 4 355613	148.56 5.42 -44.65	144.80 4.98 -47.66	137.73 5.01 -41.69	138.81 4.91 -42.94	137.96 5.19 -36.74	140.65 8.32 -0.23	163.37 9.68 0.00	168.18 8.77 0.00	184.69 9.46 0.00	175.32 8.82 0.00	185.56 9.00 0.00	177.06 8.91 0.00	167.18 8.72 0.00	168.07 7.16 -17.62	167.83 8.45 0.00	176.47 7.92 0.00	187.59 8.08 0.00	247.35 11.10 0.00	237.97 10.90 0.00	198.85 10.01 0.00	177.90 8.47 0.00	168.66 7.24 -7.45	163.21 4.59 -61.05	159.92 4.72 -62.66
HUNTER MOUNT___DRP 323613	147.20 5.32 -43.39	143.27 4.79 -46.31	136.46 4.92 -40.51	137.42 4.73 -41.73	136.73 4.99 -35.71	141.30 8.98 -0.22	164.60 10.91 0.00	169.14 9.72 0.00	185.57 10.34 0.00	175.82 9.32 0.00	185.91 9.36 0.00	177.56 9.42 0.00	167.34 8.87 0.00	167.25 6.73 -17.23	168.15 8.77 0.00	176.81 8.26 0.00	187.95 8.44 0.00	248.30 12.05 0.00	239.11 12.03 0.00	199.61 10.76 0.00	178.58 9.15 0.00	168.65 7.39 -7.29	161.67 4.59 -59.51	158.42 4.81 -61.07
HUNTINGTON_RES_REC 323705	145.97 10.34 -37.14	141.30 9.49 -39.64	134.64 8.93 -34.68	136.05 9.37 -35.72	141.28 10.08 -35.18	145.37 13.08 -0.19	163.98 10.30 0.00	172.17 12.76 0.00	189.42 14.19 0.00	181.35 14.32 -0.54	191.39 14.83 0.00	171.62 13.28 9.81	165.13 13.15 6.49	165.84 12.17 -10.38	166.84 13.39 5.93	172.03 12.65 9.16	181.86 14.18 11.83	270.20 18.91 -15.04	245.01 17.93 0.00	204.92 16.04 -0.03	172.32 13.05 10.16	166.49 12.94 0.41	156.11 8.79 -49.75	151.83 7.41 -51.89
HUNTLEY___63 23557	100.30 -3.84 -5.65	94.78 -3.41 -6.03	93.02 -3.28 -5.27	93.21 -3.18 -5.43	97.70 -2.98 -4.65	125.65 -6.47 -0.03	144.62 -9.07 0.00	149.54 -9.88 -0.01	163.67 -11.57 -0.01	155.18 -11.32 -0.01	164.73 -11.83 -0.01	155.20 -12.95 -0.01	145.80 -12.68 -0.01	134.87 -12.32 -3.90	145.68 -13.71 -0.01	150.52 -18.03 0.00	160.67 -18.85 -0.01	211.69 -24.57 -0.01	203.01 -24.07 -0.01	169.96 -18.88 -0.01	150.96 -18.47 0.00	139.45 -16.17 -1.65	97.96 -7.22 -7.61	95.26 -5.09 -7.81
HUNTLEY___64 23558	100.30 -3.84 -5.65	94.78 -3.41 -6.03	93.02 -3.28 -5.27	93.21 -3.18 -5.43	97.70 -2.98 -4.65	125.65 -6.47 -0.03	144.62 -9.07 0.00	149.54 -9.88 -0.01	163.67 -11.57 -0.01	155.18 -11.32 -0.01	164.73 -11.83 -0.01	155.20 -12.95 -0.01	145.80 -12.68 -0.01	134.87 -12.32 -3.90	145.68 -13.71 -0.01	150.52 -18.03 0.00	160.67 -18.85 -0.01	211.69 -24.57 -0.01	203.01 -24.07 -0.01	169.96 -18.88 -0.01	150.96 -18.47 0.00	139.45 -16.17 -1.65	97.96 -7.22 -7.61	95.26 -5.09 -7.81
HUNTLEY___65 23559	100.30 -3.84 -5.65	94.78 -3.41 -6.03	93.02 -3.28 -5.27	93.21 -3.18 -5.43	97.70 -2.98 -4.65	125.65 -6.47 -0.03	144.62 -9.07 0.00	149.54 -9.88 -0.01	163.67 -11.57 -0.01	155.18 -11.32 -0.01	164.73 -11.83 -0.01	155.20 -12.95 -0.01	145.80 -12.68 -0.01	134.87 -12.32 -3.90	145.68 -13.71 -0.01	150.52 -18.03 0.00	160.67 -18.85 -0.01	211.69 -24.57 -0.01	203.01 -24.07 -0.01	169.96 -18.88 -0.01	150.96 -18.47 0.00	139.45 -16.17 -1.65	97.96 -7.22 -7.61	95.26 -5.09 -7.81
HUNTLEY___66 23560	100.30 -3.84 -5.65	94.78 -3.41 -6.03	93.02 -3.28 -5.27	93.21 -3.18 -5.43	97.70 -2.98 -4.65	125.65 -6.47 -0.03	144.62 -9.07 0.00	149.54 -9.88 -0.01	163.67 -11.57 -0.01	155.18 -11.32 -0.01	164.73 -11.83 -0.01	155.20 -12.95 -0.01	145.80 -12.68 -0.01	134.87 -12.32 -3.90	145.68 -13.71 -0.01	150.52 -18.03 0.00	160.67 -18.85 -0.01	211.69 -24.57 -0.01	203.01 -24.07 -0.01	169.96 -18.88 -0.01	150.96 -18.47 0.00	139.45 -16.17 -1.65	97.96 -7.22 -7.61	95.26 -5.09 -7.81
HUNTLEY___67 23561	99.73 -4.53 -5.77	94.27 -4.06 -6.16	92.50 -3.91 -5.39	92.69 -3.82 -5.55	97.12 -3.65 -4.75	125.13 -7.00 -0.03	144.00 -9.68 0.00	148.75 -10.68 -0.01	162.80 -12.44 -0.01	154.19 -12.32 -0.01	163.68 -12.89 -0.01	154.54 -13.62 -0.01	145.33 -13.15 -0.01	134.20 -13.04 -3.95	145.21 -14.19 -0.01	150.35 -18.20 0.00	160.50 -19.03 -0.01	211.22 -25.04 -0.01	202.56 -24.52 -0.01	169.59 -19.26 -0.01	150.96 -18.47 0.00	138.86 -16.78 -1.67	97.75 -7.61 -7.78	95.07 -5.46 -7.99
HUNTLEY___68 23562	99.73 -4.53 -5.77	94.27 -4.06 -6.16	92.50 -3.91 -5.39	92.69 -3.82 -5.55	97.12 -3.65 -4.75	125.13 -7.00 -0.03	144.00 -9.68 0.00	148.75 -10.68 -0.01	162.80 -12.44 -0.01	154.19 -12.32 -0.01	163.68 -12.89 -0.01	154.54 -13.62 -0.01	145.33 -13.15 -0.01	134.20 -13.04 -3.95	145.21 -14.19 -0.01	150.35 -18.20 0.00	160.50 -19.03 -0.01	211.22 -25.04 -0.01	202.56 -24.52 -0.01	169.59 -19.26 -0.01	150.96 -18.47 0.00	138.86 -16.78 -1.67	97.75 -7.61 -7.78	95.07 -5.46 -7.99

HYLAND___LFGE 323620	109.33 4.44 -6.40	102.87 3.87 -6.83	100.92 3.91 -5.98	101.03 3.91 -6.16	105.90 4.61 -5.27	137.42 5.29 -0.03	160.76 7.07 0.00	168.34 8.92 0.00	172.61 -2.62 0.00	162.83 -3.66 0.00	173.39 -3.17 0.00	162.93 -5.21 0.00	152.77 -5.70 0.00	142.21 -5.30 -4.22	153.33 -6.06 0.00	160.46 -8.09 0.00	173.23 -6.29 0.00	227.28 -8.98 0.00	218.22 -8.86 0.00	183.93 -4.91 0.00	162.99 -6.44 0.00	155.92 0.93 -1.02	108.96 2.64 -8.75	104.75 3.24 -8.98
INDECK___CORINTH 23802	151.57 5.71 -47.37	148.06 5.34 -50.56	140.35 5.09 -44.23	141.61 5.09 -45.55	140.29 5.28 -38.98	140.40 8.06 -0.24	164.76 11.07 0.00	166.11 6.69 0.00	182.93 7.70 0.00	173.65 7.15 0.00	183.80 7.24 0.00	175.37 7.23 0.00	166.23 7.76 0.00	168.55 6.74 -18.52	166.56 7.18 0.00	175.30 6.75 0.00	187.23 7.71 0.00	246.63 10.38 0.00	236.83 9.76 0.00	197.72 8.88 0.00	178.06 8.64 0.00	169.52 8.00 -7.55	169.87 7.71 -64.58	166.41 7.59 -66.28
INDECK___ILION 23567	101.15 2.66 0.00	94.56 2.40 0.00	93.30 2.28 0.00	93.24 2.27 0.00	98.43 2.40 0.00	135.40 3.30 0.00	157.07 3.38 0.00	163.24 3.83 0.00	179.61 4.38 0.00	170.49 4.00 0.00	181.15 4.59 0.00	172.52 4.37 0.00	162.90 4.44 0.00	147.60 3.87 -0.44	163.21 3.83 0.00	172.26 3.71 0.00	183.28 3.77 0.00	240.98 4.73 0.00	231.62 4.54 0.00	192.81 3.97 0.00	172.99 3.56 0.00	157.39 3.23 -0.19	99.82 2.24 0.00	94.66 2.13 0.00
INDECK___OLEAN 23982	100.60 -4.63 -6.74	95.40 -3.96 -7.19	93.41 -3.91 -6.29	93.63 -3.82 -6.48	97.92 -3.65 -5.55	124.21 -7.92 -0.03	152.92 -0.76 0.00	157.98 -1.44 -0.01	172.61 -2.62 -0.01	163.17 -3.33 -0.01	173.03 -3.53 -0.01	164.45 -3.70 -0.01	154.99 -3.49 -0.01	136.17 -11.47 -4.35	154.76 -4.63 -0.01	160.46 -8.09 0.00	170.55 -8.97 -0.01	223.73 -12.53 -0.01	215.51 -11.57 -0.01	181.86 -6.98 -0.01	161.30 -8.13 0.00	139.65 -15.40 -1.07	100.01 -6.73 -9.16	96.57 -5.37 -9.41
INDECK___OSWEGO 23783	99.79 -1.58 -2.88	93.76 -1.48 -3.08	92.26 -1.46 -2.69	92.27 -1.46 -2.77	96.76 -1.63 -2.37	129.47 -2.64 -0.01	150.16 -3.53 0.00	156.38 -3.03 0.00	171.89 -3.33 0.00	163.17 -3.33 0.00	173.20 -3.36 0.00	164.78 -3.36 0.00	155.30 -3.17 0.00	142.99 -2.86 -2.56	155.88 -3.51 0.00	164.68 -3.87 0.00	175.39 -4.12 0.00	231.05 -5.20 0.00	221.86 -5.21 0.00	185.07 -3.78 0.00	165.54 -3.89 0.00	150.59 -3.84 -0.46	99.46 -2.05 -3.94	95.01 -1.57 -4.04
INDECK___YERKES 23781	100.40 -3.74 -5.65	94.88 -3.31 -6.03	93.11 -3.19 -5.27	93.30 -3.09 -5.43	97.80 -2.88 -4.65	125.39 -6.73 -0.03	144.77 -8.92 0.00	150.01 -9.41 -0.01	164.01 -11.22 -0.01	155.35 -11.15 -0.01	164.90 -11.66 -0.01	155.37 -12.79 -0.01	145.95 -12.52 -0.01	135.01 -12.18 -3.90	145.84 -13.55 -0.01	150.68 -17.87 0.00	160.49 -19.03 -0.01	211.45 -24.80 -0.01	203.00 -24.08 -0.01	170.72 -18.13 -0.01	151.13 -18.30 0.00	138.53 -16.32 -0.89	98.07 -7.12 -7.61	95.16 -5.18 -7.81
INDIAN POINT_GT_1 24139	143.50 8.27 -36.73	138.65 7.28 -39.21	132.34 7.01 -34.30	133.57 7.28 -35.33	133.94 7.68 -30.23	142.32 10.04 -0.19	163.52 9.84 0.00	171.37 11.96 0.00	188.37 13.14 0.00	179.55 12.65 -0.40	189.45 12.89 0.00	180.76 12.61 0.00	171.40 12.68 -0.25	170.79 11.46 -16.03	172.56 12.59 -0.58	181.54 12.30 -0.69	195.79 12.92 -3.35	264.09 16.54 -11.30	243.20 16.12 0.00	203.41 14.54 -0.03	181.97 12.54 0.00	172.10 11.86 -6.27	155.75 8.00 -50.17	150.58 6.76 -51.28
INDIAN POINT_GT_2 23659	143.50 8.27 -36.73	138.65 7.28 -39.21	132.34 7.01 -34.30	133.57 7.28 -35.33	133.94 7.68 -30.23	142.32 10.04 -0.19	163.52 9.84 0.00	171.37 11.96 0.00	188.37 13.14 0.00	179.55 12.65 -0.40	189.45 12.89 0.00	180.76 12.61 0.00	171.40 12.68 -0.25	170.79 11.46 -16.03	172.56 12.59 -0.58	181.54 12.30 -0.69	195.79 12.92 -3.35	264.09 16.54 -11.30	243.20 16.12 0.00	203.41 14.54 -0.03	181.97 12.54 0.00	172.10 11.86 -6.27	155.75 8.00 -50.17	150.58 6.76 -51.28
INDIAN POINT_GT_3 24019	143.50 8.27 -36.73	138.65 7.28 -39.21	132.34 7.01 -34.30	133.57 7.28 -35.33	133.94 7.68 -30.23	142.32 10.04 -0.19	163.52 9.84 0.00	171.37 11.96 0.00	188.37 13.14 0.00	179.55 12.65 -0.40	189.45 12.89 0.00	180.76 12.61 0.00	171.40 12.68 -0.25	170.79 11.46 -16.03	172.56 12.59 -0.58	181.54 12.30 -0.69	195.79 12.92 -3.35	264.09 16.54 -11.30	243.20 16.12 0.00	203.41 14.54 -0.03	181.97 12.54 0.00	172.10 11.86 -6.27	155.75 8.00 -50.17	150.58 6.76 -51.28
INDIAN POINT___2 23530	142.96 8.17 -36.30	138.11 7.19 -38.75	131.84 6.91 -33.90	132.97 7.10 -34.91	133.40 7.49 -29.88	142.06 9.78 -0.18	163.22 9.53 0.00	171.38 11.96 0.00	188.01 12.78 0.00	179.19 12.32 -0.38	189.28 12.72 0.00	180.59 12.44 0.00	171.08 12.37 -0.24	170.29 11.18 -15.81	172.21 12.27 -0.56	181.17 11.97 -0.65	195.26 12.56 -3.19	263.07 16.07 -10.74	242.52 15.45 0.00	203.04 14.17 -0.02	181.46 12.03 0.00	171.30 11.55 -5.78	155.12 8.00 -49.55	149.76 6.57 -50.65
INDIAN POINT___3 23531	143.40 8.17 -36.74	138.57 7.19 -39.21	132.25 6.92 -34.30	133.39 7.09 -35.33	133.85 7.59 -30.23	142.19 9.91 -0.19	163.37 9.68 0.00	171.21 11.80 0.00	188.02 12.79 0.00	179.37 12.49 -0.38	189.27 12.71 0.00	180.59 12.44 0.00	171.07 12.36 -0.24	170.60 11.32 -15.99	172.22 12.27 -0.56	181.18 11.97 -0.66	195.30 12.57 -3.22	263.42 16.30 -10.87	242.97 15.90 0.00	203.03 14.16 -0.03	181.63 12.20 0.00	171.79 11.55 -6.27	155.65 7.90 -50.17	150.49 6.66 -51.29
INGHAM_C_115KV_TB7 356103	101.74 3.25 0.00	95.21 3.04 0.00	93.85 2.82 0.00	93.78 2.82 0.00	98.91 2.88 0.00	136.06 3.96 0.00	157.68 4.00 0.00	163.72 4.30 0.00	180.31 5.08 0.00	171.16 4.66 0.00	182.21 5.65 0.00	173.53 5.38 0.00	163.86 5.39 0.00	148.46 4.73 -0.44	163.85 4.46 0.00	172.76 4.21 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.62 4.54 0.00	193.00 4.15 0.00	172.99 3.56 0.00	157.70 3.54 -0.19	99.92 2.34 0.00	94.76 2.22 0.00
IP CORINTH___1 23988	151.57 5.71 -47.37	148.07 5.35 -50.56	140.35 5.10 -44.23	141.61 5.09 -45.55	140.29 5.28 -38.98	140.53 8.19 -0.24	164.75 11.07 0.00	171.37 11.96 0.00	184.16 8.94 0.00	174.49 7.99 0.00	184.85 8.30 0.00	176.22 8.07 0.00	167.02 8.56 0.00	169.26 7.45 -18.52	167.35 7.97 0.00	176.30 7.75 0.00	188.13 8.62 0.00	248.06 11.81 0.00	238.20 11.13 0.00	198.85 10.01 0.00	179.08 9.66 0.00	170.73 8.93 -7.83	169.87 7.71 -64.58	166.41 7.59 -66.28
IP___TICONDEROGA 23804	154.37 8.57 -47.31	150.68 8.02 -50.50	142.76 7.56 -44.18	143.92 7.46 -45.50	142.84 7.87 -38.94	144.62 12.29 -0.24	171.67 17.98 0.00	178.70 19.29 0.00	192.93 17.70 0.00	182.98 16.48 0.00	193.51 16.95 0.00	184.62 16.48 0.00	174.79 16.32 0.00	176.12 14.33 -18.50	174.85 15.46 0.00	184.23 15.68 0.00	197.11 17.59 0.00	259.88 23.63 0.00	249.56 22.48 0.00	208.67 19.83 0.00	187.05 17.62 0.00	177.65 15.86 -7.83	173.51 11.42 -64.51	169.58 10.83 -66.21
ISLIP_RES_REC 323679	147.55 11.91 -37.14	142.49 10.69 -39.64	135.72 10.01 -34.68	137.23 10.55 -35.72	142.63 11.42 -35.18	147.47 15.18 -0.19	166.60 12.91 0.00	174.40 14.98 0.00	192.05 16.82 0.00	184.02 16.99 -0.54	195.63 19.07 0.00	182.07 17.32 3.40	173.40 16.96 2.03	173.20 15.48 -14.43	175.05 17.22 1.55	182.50 16.53 2.58	196.99 18.67 1.19	276.10 24.80 -15.04	250.69 23.62 0.00	209.65 20.77 -0.03	182.68 16.78 3.52	174.33 16.63 -3.72	159.15 11.12 -50.46	154.05 9.62 -51.89

JAMAICA__27_KV_LOAD 355505	146.09 10.44 -37.15	140.95 9.12 -39.66	134.46 8.74 -34.69	135.70 9.01 -35.73	136.11 9.51 -30.58	145.23 12.95 -0.19	166.76 13.06 -0.01	175.37 15.94 -0.02	193.11 17.87 -0.01	191.52 17.32 -7.71	194.23 17.66 -0.01	185.31 17.15 -0.02	178.01 17.11 -2.43	179.24 15.48 -20.47	179.07 17.05 -2.63	198.83 17.02 -13.26	212.63 17.95 -15.16	310.27 22.92 -51.10	249.80 22.71 -0.01	208.79 19.83 -0.12	186.55 17.11 -0.01	176.39 16.01 -6.41	163.67 10.73 -55.36	153.33 8.88 -51.91
JANIS__SOLAR 323808	116.04 7.29 -10.26	109.94 6.82 -10.95	107.07 6.46 -9.58	107.29 6.46 -9.87	111.58 7.11 -8.45	141.67 9.52 -0.05	166.13 12.44 0.00	173.60 14.18 0.00	190.65 15.42 0.00	179.82 13.32 0.00	190.69 14.13 0.00	181.10 12.95 0.00	170.84 12.37 0.00	159.46 10.45 -5.71	170.70 11.32 0.00	180.85 12.30 0.00	193.69 14.18 0.00	256.32 20.07 0.00	246.15 19.08 0.00	205.64 16.80 0.00	183.32 13.90 0.00	165.93 10.32 -1.65	118.76 7.12 -14.07	113.82 6.85 -14.44
JARVIS____ 23743	100.27 1.77 0.00	93.83 1.66 0.00	92.57 1.55 0.00	92.51 1.54 0.00	97.66 1.63 0.00	134.34 2.24 0.00	155.68 1.99 0.00	161.81 2.39 0.00	178.02 2.79 0.00	169.00 2.50 0.00	179.21 2.65 0.00	170.83 2.68 0.00	161.16 2.69 0.00	146.16 2.43 -0.44	161.93 2.54 0.00	170.91 2.36 0.00	181.84 2.33 0.00	239.31 3.06 0.00	230.02 2.94 0.00	191.49 2.64 0.00	171.80 2.37 0.00	156.12 2.15 0.00	99.13 1.56 0.00	94.01 1.48 0.00
JENNISON____1 23625	120.12 8.47 -13.16	114.13 7.93 -14.04	110.78 7.46 -12.28	111.07 7.46 -12.65	115.02 8.16 -10.83	143.66 11.49 -0.07	167.67 13.99 0.00	175.20 15.78 0.00	193.10 17.87 0.00	182.15 15.65 0.00	193.51 16.95 0.00	183.95 15.81 0.00	173.52 15.05 0.00	162.92 12.75 -6.88	173.09 13.71 0.00	182.71 14.16 0.00	195.13 15.62 0.00	257.75 21.50 0.00	247.51 20.44 0.00	206.78 17.94 0.00	184.85 15.42 0.00	169.04 12.16 -2.91	123.84 8.29 -17.97	118.84 7.87 -18.44
JENNISON____2 23626	120.12 8.47 -13.16	114.13 7.93 -14.04	110.78 7.46 -12.28	111.07 7.46 -12.65	115.02 8.16 -10.83	143.66 11.49 -0.07	167.67 13.99 0.00	175.20 15.78 0.00	193.10 17.87 0.00	182.15 15.65 0.00	193.51 16.95 0.00	183.95 15.81 0.00	173.52 15.05 0.00	162.92 12.75 -6.88	173.09 13.71 0.00	182.71 14.16 0.00	195.13 15.62 0.00	257.75 21.50 0.00	247.51 20.44 0.00	206.78 17.94 0.00	184.85 15.42 0.00	169.04 12.16 -2.91	123.84 8.29 -17.97	118.84 7.87 -18.44
JERICOHO_RISE_WT_PWR 323719	95.24 -3.25 0.00	89.13 -3.04 0.00	88.11 -2.92 0.00	87.60 -3.36 0.00	93.05 -2.98 0.00	127.35 -4.75 0.00	147.69 -6.00 0.00	153.36 -6.06 0.00	169.27 -5.96 0.00	161.83 -4.66 0.00	171.80 -4.76 0.00	162.76 -5.39 0.00	154.20 -4.27 0.00	139.43 -3.86 0.00	155.24 -4.14 0.00	162.99 -5.56 0.00	173.22 -6.29 0.00	229.17 -7.08 0.00	220.48 -6.59 0.00	181.67 -7.18 0.00	163.34 -6.09 0.00	149.97 -4.00 0.00	94.74 -2.83 0.00	90.13 -2.41 0.00
KATONAH__115KV_46KV_TB4 355592	145.34 9.36 -37.49	140.38 8.20 -40.02	133.86 7.83 -35.01	135.20 8.19 -36.06	135.33 8.45 -30.85	143.52 11.23 -0.19	164.90 11.22 0.00	173.12 13.71 0.00	190.47 15.24 0.00	180.87 14.32 -0.06	191.39 14.83 0.00	183.11 14.97 0.00	173.60 15.05 -0.07	172.35 13.47 -15.59	174.43 14.82 -0.22	183.31 14.66 -0.09	196.21 15.44 -1.26	260.33 19.85 -4.24	246.60 19.53 0.00	205.85 17.00 -0.01	184.17 14.74 0.00	174.24 13.86 -6.41	158.07 9.17 -51.32	152.95 7.77 -52.64
KCE_NY_1 323755	151.74 6.01 -47.24	148.21 5.62 -50.42	140.69 5.55 -44.11	141.85 5.46 -45.43	140.57 5.66 -38.88	140.66 8.33 -0.24	163.98 10.30 0.00	169.14 9.73 0.00	186.27 11.05 0.00	176.65 10.16 0.00	187.15 10.59 0.00	178.58 10.43 0.00	169.09 10.62 0.00	171.07 9.31 -18.47	169.59 10.21 0.00	178.66 10.11 0.00	190.46 10.95 0.00	250.66 14.41 0.00	240.93 13.85 0.00	200.94 12.10 0.00	180.43 11.01 0.00	171.66 10.16 -7.53	169.02 7.03 -64.41	165.40 6.75 -66.11
KCE_NY_6_ESR 323823	100.95 -3.54 -6.00	95.44 -3.13 -6.41	93.63 -3.00 -5.61	93.82 -2.91 -5.77	98.28 -2.69 -4.94	125.79 -6.34 -0.03	147.53 -6.15 0.00	152.73 -6.69 -0.01	166.83 -8.41 -0.01	158.02 -8.49 -0.01	167.74 -8.82 -0.01	158.58 -9.58 -0.01	149.13 -9.35 -0.01	136.31 -11.03 -4.05	149.04 -10.36 -0.01	154.22 -14.33 0.00	164.08 -15.44 -0.01	215.94 -20.32 -0.01	207.55 -19.53 -0.01	174.68 -14.17 -0.01	154.86 -14.57 0.00	139.84 -15.08 -0.95	99.35 -6.34 -8.12	96.24 -4.62 -8.33
KEDC_PORT_JEFF_GT2 24210	146.76 11.13 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.51 9.83 -35.72	141.86 10.66 -35.18	146.28 14.00 -0.19	163.98 10.30 0.00	171.69 12.28 0.00	188.91 13.68 0.00	180.84 13.81 -0.54	192.10 15.54 0.00	178.04 13.79 3.89	169.73 13.63 2.37	170.03 12.61 -14.12	171.36 13.86 1.89	178.62 13.16 3.08	192.59 15.08 2.00	271.14 19.85 -15.04	246.15 19.08 0.00	205.88 17.00 -0.03	178.96 13.56 4.03	171.70 14.32 -3.41	158.13 10.15 -50.40	153.12 8.70 -51.89
KEDC_PORT_JEFF_GT3 24211	146.76 11.13 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.51 9.83 -35.72	141.86 10.66 -35.18	146.28 14.00 -0.19	163.98 10.30 0.00	171.69 12.28 0.00	188.91 13.68 0.00	180.84 13.81 -0.54	192.10 15.54 0.00	178.04 13.79 3.89	169.73 13.63 2.37	170.03 12.61 -14.12	171.36 13.86 1.89	178.62 13.16 3.08	192.59 15.08 2.00	271.14 19.85 -15.04	246.15 19.08 0.00	205.88 17.00 -0.03	178.96 13.56 4.03	171.70 14.32 -3.41	158.13 10.15 -50.40	153.12 8.70 -51.89
KEDC_GLWD_GT4 24219	146.37 10.74 -37.14	141.48 9.67 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.17 -35.18	145.77 13.48 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.75 17.52 0.00	184.18 17.15 -0.54	194.75 18.19 0.00	185.12 16.98 0.00	175.60 16.79 -0.34	175.06 15.18 -16.59	176.90 16.73 -0.78	185.66 16.18 -0.92	201.38 17.41 -4.46	274.21 22.91 -15.05	248.88 21.80 0.00	208.15 19.27 -0.04	185.70 16.27 0.00	175.43 15.54 -5.92	158.75 10.34 -50.83	153.12 8.70 -51.89
KEDC_GLWD_GT5 24220	146.37 10.74 -37.14	141.48 9.67 -39.64	134.81 9.10 -34.68	136.14 9.46 -35.72	141.38 10.17 -35.18	145.77 13.48 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.75 17.52 0.00	184.18 17.15 -0.54	194.75 18.19 0.00	185.12 16.98 0.00	175.60 16.79 -0.34	175.06 15.18 -16.59	176.90 16.73 -0.78	185.66 16.18 -0.92	201.38 17.41 -4.46	274.21 22.91 -15.05	248.88 21.80 0.00	208.15 19.27 -0.04	185.70 16.27 0.00	175.43 15.54 -5.92	158.75 10.34 -50.83	153.12 8.70 -51.89
KENSICO____ 23655	144.20 8.67 -37.04	139.26 7.56 -39.54	132.90 7.28 -34.59	134.14 7.55 -35.63	134.48 7.97 -30.49	142.85 10.57 -0.19	163.98 10.30 0.00	172.01 12.59 0.00	189.07 13.84 0.00	180.29 13.32 -0.48	190.15 13.59 0.00	181.43 13.28 0.00	172.08 13.31 -0.30	171.70 12.04 -16.38	173.31 13.23 -0.69	182.35 12.98 -0.82	197.14 13.64 -3.98	267.17 17.48 -13.44	244.11 17.03 0.00	203.98 15.11 -0.03	182.47 13.05 0.00	172.61 12.32 -6.32	156.53 8.29 -50.66	151.31 7.03 -51.74
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	143.19 9.65 -35.04	137.96 8.39 -37.40	131.94 8.19 -32.72	133.03 8.37 -33.70	133.70 8.83 -28.84	144.16 11.89 -0.18	166.29 12.60 0.00	173.76 14.35 0.00	190.47 15.24 0.00	182.98 16.48 0.00	193.68 17.13 0.00	184.62 16.48 0.00	174.16 15.69 0.00	171.88 14.04 -14.55	175.00 15.62 0.00	184.90 16.35 0.00	197.28 17.77 0.00	260.11 23.86 0.00	250.24 23.16 0.00	208.86 20.02 0.00	186.54 17.11 0.00	175.83 15.70 -6.15	157.04 10.54 -48.92	151.63 8.88 -50.21

KIAC_JFK_GT1 23816	145.69 10.05 -37.15	140.67 8.85 -39.66	134.19 8.47 -34.69	135.43 8.73 -35.73	135.82 9.22 -30.58	144.70 12.42 -0.19	166.29 12.60 -0.01	174.74 15.30 -0.02	192.41 17.17 -0.01	191.02 16.82 -7.71	193.52 16.95 -0.01	184.64 16.48 -0.02	177.53 16.64 -2.43	178.66 14.90 -20.47	178.59 16.58 -2.63	198.16 16.35 -13.26	211.91 17.23 -15.16	309.32 21.97 -51.10	248.66 21.57 -0.01	208.04 19.07 -0.12	185.88 16.43 -0.01	175.93 15.55 -6.41	163.38 10.44 -55.36	152.96 8.51 -51.91
KIAC_JFK_GT2 23817	145.69 10.05 -37.15	140.67 8.85 -39.66	134.19 8.47 -34.69	135.43 8.73 -35.73	135.82 9.22 -30.58	144.70 12.42 -0.19	166.29 12.60 -0.01	174.74 15.30 -0.02	192.41 17.17 -0.01	191.02 16.82 -7.71	193.52 16.95 -0.01	184.64 16.48 -0.02	177.53 16.64 -2.43	178.66 14.90 -20.47	178.59 16.58 -2.63	198.16 16.35 -13.26	211.91 17.23 -15.16	309.32 21.97 -51.10	248.66 21.57 -0.01	208.04 19.07 -0.12	185.88 16.43 -0.01	175.93 15.55 -6.41	163.38 10.44 -55.36	152.96 8.51 -51.91
KIAC_JFK____ 323774	145.70 10.05 -37.15	140.67 8.85 -39.66	134.19 8.47 -34.69	135.43 8.73 -35.73	135.82 9.22 -30.58	144.57 12.29 -0.19	166.30 12.60 -0.01	175.53 16.09 -0.02	192.76 17.52 -0.01	190.86 16.65 -7.71	194.05 17.48 -0.01	184.81 16.65 -0.02	177.22 16.33 -2.43	178.52 14.76 -20.47	178.28 16.27 -2.63	196.98 15.18 -13.26	211.91 17.24 -15.16	309.81 22.46 -51.10	248.43 21.34 -0.02	208.03 19.07 -0.12	185.71 16.27 -0.01	175.50 15.54 -5.99	163.57 10.64 -55.36	152.86 8.42 -51.91
KINTIGH____ 23543	99.83 -3.64 -4.98	94.16 -3.32 -5.31	92.49 -3.19 -4.65	92.66 -3.09 -4.79	97.15 -2.98 -4.10	124.46 -7.66 -0.03	143.08 -10.60 0.00	148.25 -11.16 0.00	162.26 -12.97 0.00	153.84 -12.65 0.00	163.31 -13.24 0.00	154.19 -13.96 0.00	145.00 -13.47 0.00	136.18 -10.75 -3.63	145.04 -14.34 0.00	150.68 -17.87 0.00	160.84 -18.67 0.00	211.91 -24.33 0.00	203.46 -23.62 0.00	170.14 -18.70 0.00	151.47 -17.96 0.00	141.50 -14.01 -1.54	98.00 -6.24 -6.67	94.94 -4.44 -6.84
KNTFSRNC_46_KV_46KV_LOAD 80397	96.82 -1.67 0.00	90.51 -1.66 0.00	89.48 -1.55 0.00	88.87 -2.09 0.00	94.68 -1.34 0.00	129.19 -2.91 0.00	148.15 -5.53 0.00	154.31 -5.10 0.00	170.15 -5.08 0.00	163.00 -3.50 0.00	173.03 -3.53 0.00	164.62 -3.53 0.00	155.93 -2.54 0.00	140.85 -2.44 0.00	156.68 -2.71 0.00	163.83 -4.72 0.00	173.77 -5.74 0.00	230.58 -5.67 0.00	221.85 -5.22 0.00	182.80 -6.04 0.00	164.01 -5.42 0.00	151.20 -2.77 0.00	95.92 -1.66 0.00	91.70 -0.83 0.00
LACHUTE____HYDRO 323717	154.37 8.56 -47.31	150.68 8.01 -50.50	142.76 7.55 -44.18	143.93 7.46 -45.50	142.84 7.88 -38.94	144.48 12.15 -0.24	171.66 17.97 0.00	174.87 15.46 0.00	192.75 17.52 0.00	182.98 16.49 0.00	193.34 16.78 0.00	184.63 16.49 0.00	174.79 16.33 0.00	176.12 14.33 -18.50	174.84 15.46 0.00	184.23 15.68 0.00	197.12 17.60 0.00	259.87 23.62 0.00	249.56 22.49 0.00	208.67 19.82 0.00	187.05 17.62 0.00	177.38 15.86 -7.55	173.40 11.31 -64.51	169.57 10.82 -66.21
LAWRNCV_115KV_TB1 80681	91.70 -6.80 0.00	85.81 -6.36 0.00	84.56 -6.46 0.00	84.50 -6.46 0.00	89.59 -6.43 0.00	124.17 -7.93 0.00	147.69 -5.99 0.00	152.88 -6.54 0.00	168.39 -6.83 0.00	160.17 -6.33 0.00	170.20 -6.36 0.00	161.92 -6.22 0.00	152.13 -6.34 0.00	138.11 -5.59 -0.41	153.33 -6.06 0.00	162.82 -5.73 0.00	173.41 -6.10 0.00	228.93 -7.32 0.00	220.04 -7.04 0.00	181.67 -7.18 0.00	163.33 -6.10 0.00	148.60 -5.54 -0.17	93.67 -3.90 0.00	86.71 -5.83 0.00
LEDERLE____ 23769	142.77 8.47 -35.81	137.76 7.37 -38.22	131.66 7.19 -33.44	132.77 7.37 -34.44	133.28 7.78 -29.47	142.58 10.30 -0.18	163.98 10.30 0.00	171.69 12.27 0.00	188.72 13.49 0.00	179.61 12.82 -0.29	189.62 13.07 0.00	181.09 12.95 0.00	171.49 12.84 -0.19	170.27 11.61 -15.38	172.57 12.75 -0.43	181.36 12.30 -0.51	195.11 13.10 -2.49	261.43 16.77 -8.40	243.42 16.35 0.00	203.78 14.92 -0.02	182.14 12.71 0.00	172.11 12.01 -6.13	154.56 8.20 -48.78	149.30 6.85 -49.91
LIGHTHSE_115KV_TB6 355974	100.67 -0.49 -2.67	94.65 -0.37 -2.85	93.07 -0.46 -2.50	93.17 -0.36 -2.57	97.84 -0.38 -2.20	131.32 -0.79 -0.01	152.61 -1.08 0.00	159.10 -0.32 0.00	175.05 -0.18 0.00	166.16 -0.33 0.00	176.38 -0.18 0.00	167.81 -0.34 0.00	157.99 -0.48 0.00	145.38 -0.29 -2.38	158.59 -0.80 0.00	167.71 -0.84 0.00	178.79 -0.72 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.75 -0.68 0.00	153.90 -1.08 -1.00	100.74 -0.49 -3.65	96.01 -0.28 -3.75
LINDEN COGEN____ 23786	144.41 8.76 -37.15	139.47 7.65 -39.66	133.09 7.37 -34.69	134.33 7.64 -35.73	134.67 8.07 -30.58	142.98 10.70 -0.19	164.29 10.60 -0.01	172.82 13.39 -0.02	189.43 14.19 -0.01	188.02 13.81 -7.71	190.86 14.29 -0.01	181.95 13.79 -0.02	174.67 13.78 -2.43	176.08 12.32 -20.47	175.55 13.54 -2.63	195.12 13.31 -13.26	208.68 14.01 -15.15	275.16 18.19 -20.71	244.33 17.25 -0.01	204.61 15.67 -0.10	182.66 13.22 -0.01	172.73 12.77 -5.99	161.08 8.97 -54.53	151.47 7.03 -51.91
LINDHRST_69_KV_BK1 356055	147.26 11.62 -37.14	142.22 10.41 -39.64	135.63 9.92 -34.68	136.96 10.28 -35.72	142.34 11.14 -35.18	146.95 14.66 -0.19	167.36 13.68 0.00	175.83 16.42 0.00	193.45 18.22 0.00	185.18 18.15 -0.54	195.80 19.24 0.00	184.15 17.66 1.65	175.09 17.43 0.81	174.74 15.91 -15.54	176.72 17.69 0.35	184.80 17.02 0.78	199.72 18.49 -1.72	275.63 24.33 -15.05	251.15 24.07 0.00	209.84 20.96 -0.03	185.17 17.45 1.71	175.56 16.32 -5.27	158.57 10.34 -50.65	153.31 8.88 -51.89
LIPA_MISC_IPP 23656	146.76 11.13 -37.14	141.67 9.86 -39.64	134.99 9.28 -34.68	136.51 9.82 -35.72	141.86 10.66 -35.18	146.29 14.00 -0.19	165.67 11.99 0.00	173.60 14.19 0.00	191.17 15.95 0.00	183.18 16.15 -0.54	194.21 17.66 0.00	181.29 15.97 2.83	172.52 15.69 1.63	172.41 14.33 -14.79	174.32 16.10 1.16	181.90 15.34 1.99	196.33 17.05 0.24	273.03 21.74 -15.04	249.10 22.03 0.00	208.52 19.64 -0.03	182.42 15.93 2.93	173.72 15.24 -4.51	157.66 9.56 -50.52	152.57 8.14 -51.89
LISF__SOLAR 323691	146.95 11.32 -37.14	141.95 10.14 -39.64	135.18 9.47 -34.68	136.60 9.92 -35.72	142.05 10.85 -35.18	146.69 14.40 -0.19	165.99 12.30 0.00	174.07 14.66 0.00	191.53 16.30 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.66 16.49 2.97	172.91 16.17 1.73	172.76 14.76 -14.70	174.55 16.42 1.26	182.25 15.84 2.14	196.99 17.95 0.48	274.69 23.39 -15.04	249.78 22.71 0.00	209.09 20.22 -0.03	182.62 16.27 3.08	173.83 15.86 -4.00	158.72 10.64 -50.50	153.50 9.07 -51.89
LITTLE FALLS____HYD 24013	101.74 3.25 0.00	95.21 3.04 0.00	93.85 2.82 0.00	93.78 2.82 0.00	98.91 2.88 0.00	136.06 3.96 0.00	157.68 4.00 0.00	163.72 4.30 0.00	180.31 5.08 0.00	171.16 4.66 0.00	182.21 5.65 0.00	173.53 5.38 0.00	163.86 5.39 0.00	148.46 4.73 -0.44	163.85 4.46 0.00	172.76 4.21 0.00	183.46 3.95 0.00	241.21 4.96 0.00	231.62 4.54 0.00	193.00 4.15 0.00	172.99 3.56 0.00	157.70 3.54 -0.19	99.92 2.34 0.00	94.76 2.22 0.00
LITTLRIV_115KV_TB1 356100	92.78 -5.71 0.00	86.82 -5.35 0.00	85.48 -5.55 0.00	85.41 -5.55 0.00	90.65 -5.38 0.00	126.02 -6.08 0.00	150.15 -3.53 0.00	155.43 -3.99 0.00	171.55 -3.68 0.00	163.00 -3.50 0.00	173.38 -3.18 0.00	164.95 -3.19 0.00	154.98 -3.49 0.00	140.72 -3.01 -0.44	156.04 -3.35 0.00	165.69 -2.87 0.00	176.28 -3.23 0.00	232.71 -3.54 0.00	223.67 -3.41 0.00	184.69 -4.15 0.00	166.04 -3.39 0.00	150.92 -3.23 -0.18	94.94 -2.63 0.00	87.91 -4.63 0.00

LI_NEWBRDGE___DRP 323616	145.48 9.85 -37.14	140.56 8.76 -39.64	134.08 8.37 -34.68	135.41 8.73 -35.72	140.52 9.31 -35.18	144.57 12.29 -0.19	164.91 11.22 0.00	173.12 13.71 0.00	190.30 15.07 0.00	182.18 15.15 -0.54	192.09 15.54 0.00	182.61 14.46 0.00	173.38 14.58 -0.34	173.20 13.33 -16.59	174.83 14.66 -0.78	183.29 13.82 -0.92	198.87 14.90 -4.46	270.43 19.14 -15.05	246.15 19.07 0.00	205.68 16.81 -0.03	183.66 14.23 0.00	173.86 13.55 -6.34	157.09 8.68 -50.83	151.83 7.40 -51.89
LOCKPORT_115KV_TB60_63_64 80432	99.47 -4.43 -5.41	93.89 -4.06 -5.78	92.17 -3.91 -5.06	92.35 -3.82 -5.21	96.83 -3.65 -4.46	124.60 -7.53 -0.03	143.39 -10.30 0.00	148.26 -11.16 0.00	162.26 -12.97 0.00	153.85 -12.65 0.00	163.32 -13.24 0.00	152.51 -15.64 0.00	143.42 -15.05 0.00	133.05 -14.04 -3.80	143.29 -16.10 0.00	148.32 -20.23 0.00	158.33 -21.18 0.00	208.61 -27.64 0.00	200.06 -27.02 0.00	167.32 -21.53 0.00	148.76 -20.67 0.00	137.72 -17.86 -1.61	96.46 -8.39 -7.27	94.08 -5.92 -7.47
LOCKPORT___CC1 323769	99.52 -4.43 -5.46	93.94 -4.05 -5.83	92.21 -3.91 -5.10	92.39 -3.82 -5.25	96.87 -3.65 -4.49	124.60 -7.52 -0.03	143.39 -10.30 0.00	148.42 -11.00 0.00	162.27 -12.96 0.00	153.68 -12.82 0.00	162.97 -13.59 0.00	151.84 -16.31 0.00	142.63 -15.85 0.00	132.50 -14.62 -3.82	142.66 -16.73 0.00	147.64 -20.91 0.00	157.25 -22.27 0.00	206.95 -29.30 0.00	198.91 -28.17 0.00	167.14 -21.71 0.00	148.08 -21.35 0.00	136.04 -18.79 -0.86	96.23 -8.68 -7.34	93.68 -6.38 -7.53
LOCKPORT___CC2 323770	99.52 -4.43 -5.46	93.94 -4.05 -5.83	92.21 -3.91 -5.10	92.39 -3.82 -5.25	96.87 -3.65 -4.49	124.60 -7.52 -0.03	143.39 -10.30 0.00	148.42 -11.00 0.00	162.27 -12.96 0.00	153.68 -12.82 0.00	162.97 -13.59 0.00	151.84 -16.31 0.00	142.63 -15.85 0.00	132.50 -14.62 -3.82	142.66 -16.73 0.00	147.64 -20.91 0.00	157.25 -22.27 0.00	206.95 -29.30 0.00	198.91 -28.17 0.00	167.14 -21.71 0.00	148.08 -21.35 0.00	136.04 -18.79 -0.86	96.23 -8.68 -7.34	93.68 -6.38 -7.53
LOCKPORT___CC3 323771	99.52 -4.43 -5.46	93.94 -4.05 -5.83	92.21 -3.91 -5.10	92.39 -3.82 -5.25	96.87 -3.65 -4.49	124.60 -7.52 -0.03	143.39 -10.30 0.00	148.42 -11.00 0.00	162.27 -12.96 0.00	153.68 -12.82 0.00	162.97 -13.59 0.00	151.84 -16.31 0.00	142.63 -15.85 0.00	132.50 -14.62 -3.82	142.66 -16.73 0.00	147.64 -20.91 0.00	157.25 -22.27 0.00	206.95 -29.30 0.00	198.91 -28.17 0.00	167.14 -21.71 0.00	148.08 -21.35 0.00	136.04 -18.79 -0.86	96.23 -8.68 -7.34	93.68 -6.38 -7.53
LONG_LAKE_PHOENIX 24014	100.38 -1.08 -2.98	94.33 -1.01 -3.18	92.90 -0.91 -2.78	92.91 -0.91 -2.86	97.52 -0.96 -2.45	130.13 -1.98 -0.02	151.07 -2.61 0.00	157.50 -1.91 0.00	173.12 -2.10 0.00	164.50 -2.00 0.00	174.61 -1.94 0.00	166.30 -1.85 0.00	156.72 -1.74 0.00	144.37 -1.58 -2.66	157.15 -2.23 0.00	166.19 -2.36 0.00	177.00 -2.51 0.00	232.94 -3.31 0.00	223.67 -3.41 0.00	186.39 -2.45 0.00	166.72 -2.71 0.00	151.86 -3.23 -1.12	100.18 -1.46 -4.07	95.70 -1.02 -4.18
LOVETT___3 23632	142.50 8.08 -35.93	137.52 7.00 -38.36	131.41 6.83 -33.55	132.52 7.00 -34.56	132.99 7.39 -29.57	141.92 9.64 -0.18	163.06 9.37 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.95 12.15 -0.31	188.74 12.18 0.00	180.25 12.11 0.00	170.71 12.04 -0.19	169.64 10.89 -15.46	171.79 11.95 -0.45	180.71 11.63 -0.53	194.31 12.21 -2.59	260.57 15.59 -8.72	242.52 15.44 0.00	202.65 13.79 -0.02	181.29 11.86 0.00	171.35 11.24 -6.15	154.26 7.71 -48.97	149.11 6.48 -50.10
LOVETT___4 23642	142.50 8.08 -35.93	137.52 7.00 -38.36	131.41 6.83 -33.55	132.52 7.00 -34.56	132.99 7.39 -29.57	141.92 9.64 -0.18	163.06 9.37 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.95 12.15 -0.31	188.74 12.18 0.00	180.25 12.11 0.00	170.71 12.04 -0.19	169.64 10.89 -15.46	171.79 11.95 -0.45	180.71 11.63 -0.53	194.31 12.21 -2.59	260.57 15.59 -8.72	242.52 15.44 0.00	202.65 13.79 -0.02	181.29 11.86 0.00	171.35 11.24 -6.15	154.26 7.71 -48.97	149.11 6.48 -50.10
LOVETT___5 23593	142.50 8.08 -35.93	137.52 7.00 -38.36	131.41 6.83 -33.55	132.52 7.00 -34.56	132.99 7.39 -29.57	141.92 9.64 -0.18	163.06 9.37 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.95 12.15 -0.31	188.74 12.18 0.00	180.25 12.11 0.00	170.71 12.04 -0.19	169.64 10.89 -15.46	171.79 11.95 -0.45	180.71 11.63 -0.53	194.31 12.21 -2.59	260.57 15.59 -8.72	242.52 15.44 0.00	202.65 13.79 -0.02	181.29 11.86 0.00	171.35 11.24 -6.15	154.26 7.71 -48.97	149.11 6.48 -50.10
LOWER RAQUET___HYD 24057	91.31 -7.19 0.00	85.44 -6.72 0.00	84.20 -6.83 0.00	84.14 -6.82 0.00	89.21 -6.82 0.00	123.51 -8.58 0.00	147.08 -6.60 0.00	152.08 -7.33 0.00	167.70 -7.53 0.00	159.51 -6.99 0.00	169.49 -7.07 0.00	161.09 -7.06 0.00	151.50 -6.97 0.00	137.59 -6.16 -0.46	152.70 -6.69 0.00	162.15 -6.40 0.00	172.69 -6.82 0.00	227.98 -8.28 0.00	219.12 -7.95 0.00	180.73 -8.11 0.00	162.65 -6.78 0.00	147.81 -6.16 0.00	93.28 -4.29 0.00	86.43 -6.11 0.00
LOWER___HUDSON 24059	149.88 4.92 -46.47	146.37 4.61 -49.60	138.97 4.55 -43.39	140.20 4.55 -44.69	138.97 4.70 -38.24	139.20 6.86 -0.24	161.06 7.38 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	185.03 8.47 0.00	176.55 8.40 0.00	167.02 8.55 0.00	168.93 7.45 -18.20	167.67 8.28 0.00	176.64 8.09 0.00	187.95 8.44 0.00	247.12 10.87 0.00	237.53 10.45 0.00	198.09 9.25 0.00	177.90 8.47 0.00	169.38 8.00 -7.41	166.11 5.17 -63.37	162.75 5.18 -65.03
LOWVILLE_115KV_TB2 356335	100.98 1.08 -1.41	94.68 1.01 -1.50	93.07 0.73 -1.32	93.14 0.82 -1.36	98.34 1.15 -1.16	134.22 2.11 -0.01	157.22 3.53 0.00	163.88 4.46 0.00	180.48 5.26 0.00	170.66 4.16 0.00	181.50 4.94 0.00	172.52 4.37 0.00	162.59 4.12 0.00	148.33 3.87 -1.17	163.21 3.83 0.00	172.76 4.21 0.00	184.54 5.03 0.00	243.57 7.32 0.00	233.89 6.81 0.00	194.70 5.85 0.00	174.17 4.74 0.00	157.85 3.39 -0.49	101.56 2.05 -1.93	96.00 1.48 -1.98
LUTHERFT_115KV_GLOB_FND_222 355753	151.64 5.91 -47.24	148.21 5.62 -50.42	140.60 5.46 -44.11	141.76 5.37 -45.43	140.57 5.67 -38.88	140.66 8.32 -0.24	163.83 10.14 0.00	170.25 10.84 0.00	186.09 10.86 0.00	176.48 9.99 0.00	187.15 10.59 0.00	178.40 10.26 0.00	168.93 10.46 0.00	170.93 9.17 -18.47	169.43 10.04 0.00	178.50 9.94 0.00	190.10 10.59 0.00	250.43 14.18 0.00	240.70 13.62 0.00	200.93 12.09 0.00	180.10 10.67 0.00	171.79 10.01 -7.81	168.92 6.93 -64.41	165.31 6.66 -66.11
LUTHERNY_35_KV_BK2 355980	151.74 6.01 -47.24	148.21 5.62 -50.42	140.60 5.46 -44.11	141.85 5.46 -45.43	140.57 5.67 -38.88	140.66 8.32 -0.24	163.98 10.30 0.00	170.41 11.00 0.00	186.27 11.04 0.00	176.65 10.16 0.00	187.33 10.77 0.00	178.57 10.43 0.00	169.08 10.62 0.00	171.08 9.31 -18.47	169.59 10.20 0.00	178.66 10.11 0.00	190.28 10.77 0.00	250.66 14.41 0.00	240.93 13.85 0.00	201.12 12.27 0.00	180.27 10.84 0.00	171.95 10.16 -7.81	169.02 7.03 -64.41	165.40 6.76 -66.11
LWR___OSWEGATCHIE_HYD 23850	95.27 -4.24 -1.02	89.29 -3.96 -1.09	87.88 -4.10 -0.95	87.94 -4.00 -0.98	92.93 -3.94 -0.84	127.48 -4.62 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.07 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.18 0.00	164.95 -3.19 0.00	155.14 -3.33 0.00	141.43 -2.72 -0.86	156.04 -3.35 0.00	165.52 -3.03 0.00	176.64 -2.87 0.00	233.18 -3.07 0.00	224.12 -2.95 0.00	185.82 -3.02 0.00	166.55 -2.88 0.00	151.10 -3.23 -0.36	96.63 -2.34 -1.39	90.54 -3.42 -1.43

LYONS_FALL_HYD 23570	102.21 2.36 -1.36	95.74 2.12 -1.45	94.21 1.91 -1.27	94.18 1.91 -1.31	99.45 2.30 -1.12	135.67 3.57 -0.01	158.46 4.77 0.00	165.14 5.73 0.00	182.05 6.83 0.00	172.32 5.82 0.00	183.09 6.54 0.00	174.19 6.04 0.00	164.16 5.70 0.00	149.69 5.30 -1.10	164.64 5.25 0.00	174.10 5.55 0.00	185.79 6.28 0.00	245.00 8.75 0.00	235.24 8.16 0.00	196.02 7.17 0.00	175.35 5.93 0.00	158.80 4.61 -0.22	102.36 2.92 -1.86	96.95 2.50 -1.91
MADISON___COUNTY_LFGE 323628	105.09 4.33 -2.27	98.64 4.06 -2.42	96.97 3.82 -2.12	97.06 3.91 -2.18	102.12 4.23 -1.87	138.19 6.08 -0.01	160.91 7.22 0.00	167.70 8.29 0.00	184.69 9.46 0.00	174.99 8.49 0.00	185.91 9.36 0.00	177.06 8.91 0.00	167.02 8.56 0.00	152.51 7.45 -1.77	167.20 7.81 0.00	176.64 8.09 0.00	188.13 8.62 0.00	247.59 11.34 0.00	237.52 10.45 0.00	197.91 9.06 0.00	177.22 7.79 0.00	161.03 6.31 -0.75	104.98 4.29 -3.11	99.89 4.16 -3.19
MALONE___115KV_TB1 356076	95.64 -2.86 0.00	89.49 -2.67 0.00	88.48 -2.55 0.00	88.05 -2.91 0.00	93.72 -2.30 0.00	129.06 -3.04 0.00	149.69 -4.00 0.00	155.43 -3.99 0.00	171.37 -3.86 0.00	164.00 -2.50 0.00	174.08 -2.47 0.00	165.46 -2.69 0.00	155.77 -2.69 0.00	141.12 -2.44 -0.26	156.68 -2.71 0.00	165.18 -3.37 0.00	175.38 -4.13 0.00	232.00 -4.25 0.00	222.99 -4.09 0.00	183.93 -4.91 0.00	165.02 -4.41 0.00	151.16 -2.93 -0.11	95.72 -1.85 0.00	90.59 -1.94 0.00
MAPLEWOD_115KV_TB3 80458	149.61 4.92 -46.20	145.99 4.52 -49.31	138.72 4.55 -43.14	139.85 4.46 -44.43	138.75 4.71 -38.02	139.20 6.87 -0.23	160.76 7.07 0.00	167.07 7.65 0.00	183.81 8.59 0.00	174.65 8.16 0.00	185.21 8.65 0.00	176.72 8.58 0.00	167.02 8.56 0.00	169.00 7.59 -18.11	167.83 8.45 0.00	176.30 7.75 0.00	187.05 7.54 0.00	245.94 9.69 0.00	236.61 9.54 0.00	197.34 8.50 0.00	176.88 7.45 0.00	168.71 7.08 -7.66	165.16 4.59 -63.00	161.92 4.72 -64.66
MAPLE_RIDGE_WT_1 323574	96.91 -1.58 0.00	90.69 -1.48 0.00	89.57 -1.46 0.00	89.50 -1.46 0.00	94.59 -1.44 0.00	130.38 -1.72 0.00	152.15 -1.54 0.00	157.66 -1.75 0.00	173.30 -1.92 0.00	164.83 -1.66 0.00	174.79 -1.77 0.00	166.46 -1.68 0.00	156.73 -1.74 0.00	141.72 -1.57 0.00	157.79 -1.59 0.00	167.03 -1.52 0.00	177.89 -1.62 0.00	234.35 -1.90 0.00	225.25 -1.82 0.00	186.95 -1.89 0.00	167.90 -1.53 0.00	152.58 -1.39 0.00	96.41 -1.17 0.00	91.24 -1.30 0.00
MAPLE_RIDGE_WT_2 323611	96.91 -1.58 0.00	90.69 -1.48 0.00	89.57 -1.46 0.00	89.50 -1.46 0.00	94.59 -1.44 0.00	130.38 -1.72 0.00	152.15 -1.54 0.00	157.66 -1.75 0.00	173.30 -1.92 0.00	164.83 -1.66 0.00	174.79 -1.77 0.00	166.46 -1.68 0.00	156.73 -1.74 0.00	141.72 -1.57 0.00	157.79 -1.59 0.00	167.03 -1.52 0.00	177.89 -1.62 0.00	234.35 -1.90 0.00	225.25 -1.82 0.00	186.95 -1.89 0.00	167.90 -1.53 0.00	152.58 -1.39 0.00	96.41 -1.17 0.00	91.24 -1.30 0.00
MARBLE_RIVER_WT_PWR 323696	95.63 -2.86 0.00	89.40 -2.76 0.00	88.48 -2.55 0.00	87.87 -3.09 0.00	93.44 -2.59 0.00	127.61 -4.49 0.00	147.53 -6.15 0.00	153.36 -6.06 0.00	169.27 -5.96 0.00	161.83 -4.66 0.00	171.80 -4.76 0.00	162.76 -5.39 0.00	154.51 -3.96 0.00	139.56 -3.73 0.00	155.41 -3.98 0.00	162.99 -5.56 0.00	173.06 -6.46 0.00	229.17 -7.08 0.00	220.27 -6.81 0.00	181.67 -7.18 0.00	163.34 -6.09 0.00	150.13 -3.84 0.00	94.95 -2.63 0.00	90.50 -2.04 0.00
MARSHVLE_115KV_TB1 80742	160.22 7.68 -54.05	157.32 7.47 -57.69	148.60 7.10 -50.47	150.04 7.09 -51.98	148.19 7.68 -44.48	143.60 11.23 -0.27	168.13 14.45 0.00	175.20 15.78 0.00	192.22 17.00 0.00	181.65 15.15 0.00	192.80 16.24 0.00	182.78 14.63 0.00	173.21 14.74 0.00	177.93 13.33 -21.32	174.21 14.82 0.00	184.06 15.51 0.00	196.21 16.69 0.00	259.17 22.92 0.00	249.10 22.03 0.00	207.92 19.07 0.00	185.52 16.10 0.00	177.92 14.94 -9.02	180.53 9.27 -73.68	176.39 8.24 -75.62
MARSH_HILL_WT_PWR 323713	106.93 0.78 -7.66	101.26 0.92 -8.17	99.09 0.91 -7.15	99.33 1.00 -7.36	103.77 1.44 -6.30	132.40 0.26 -0.04	156.46 2.77 0.00	162.92 3.50 0.00	177.68 2.45 0.00	168.33 1.83 0.00	178.51 1.95 0.00	169.16 1.01 0.00	159.11 0.64 0.00	146.32 -1.71 -4.74	159.23 -0.16 0.00	167.03 -1.52 0.00	178.07 -1.44 0.00	234.85 -1.41 0.00	225.50 -1.58 0.00	189.22 0.38 0.00	167.90 -1.53 0.00	151.06 -4.15 -1.24	107.37 -0.78 -10.58	103.58 0.19 -10.86
MCINTYRE_115KV_TB2 80467	93.67 -4.83 0.00	87.65 -4.52 0.00	86.39 -4.64 0.00	86.23 -4.73 0.00	91.42 -4.61 0.00	127.21 -4.89 0.00	151.69 -2.00 0.00	157.18 -2.23 0.00	173.30 -1.93 0.00	164.66 -1.83 0.00	175.14 -1.41 0.00	166.63 -1.51 0.00	156.25 -2.22 0.00	142.11 -1.58 -0.39	157.63 -1.75 0.00	167.54 -1.01 0.00	178.08 -1.44 0.00	234.83 -1.42 0.00	225.71 -1.36 0.00	186.39 -2.45 0.00	167.73 -1.69 0.00	152.29 -1.85 -0.17	95.72 -1.85 0.00	88.56 -3.98 0.00
MECO___69_KV_BK1 80468	162.20 11.72 -51.99	158.90 11.24 -55.49	150.22 10.65 -48.54	151.69 10.73 -50.00	150.24 11.43 -42.79	149.53 17.17 -0.26	177.51 23.82 0.00	184.60 25.19 0.00	202.04 26.81 0.00	190.64 24.14 0.00	201.80 25.25 0.00	190.34 22.20 0.00	181.45 22.98 0.00	184.94 21.21 -20.45	183.29 23.91 0.00	193.67 25.11 0.00	207.34 27.82 0.00	273.82 37.56 0.00	263.18 36.10 0.00	220.00 31.16 0.00	195.86 26.43 0.00	186.48 23.87 -8.65	182.99 14.54 -70.87	178.14 12.86 -72.74
MENANDS___115KV_TB5 355628	149.24 4.63 -46.12	145.63 4.24 -49.23	138.37 4.28 -43.07	139.50 4.18 -44.36	138.40 4.42 -37.96	138.80 6.47 -0.23	159.99 6.30 0.00	166.11 6.70 0.00	182.94 7.71 0.00	173.82 7.33 0.00	184.33 7.77 0.00	175.88 7.73 0.00	166.39 7.92 0.00	168.40 7.02 -18.09	167.04 7.65 0.00	175.29 6.74 0.00	185.80 6.28 0.00	244.28 8.03 0.00	234.80 7.72 0.00	196.02 7.18 0.00	175.70 6.27 0.00	167.78 6.16 -7.65	164.48 4.00 -62.90	161.35 4.26 -64.56
MG INDUSTRY___DRP 24185	148.01 4.43 -45.09	144.53 4.24 -48.13	137.41 4.28 -42.10	138.51 4.18 -43.36	137.46 4.32 -37.11	138.40 6.08 -0.23	160.14 6.45 0.00	165.95 6.54 0.00	182.59 7.36 0.00	173.32 6.83 0.00	183.62 7.06 0.00	175.21 7.06 0.00	165.60 7.13 0.00	167.34 6.30 -17.75	166.24 6.85 0.00	174.79 6.24 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.53 6.10 0.00	167.33 5.85 -7.51	163.06 3.90 -61.58	159.81 4.07 -63.21
MID___OSWEGATCHIE_HYD 23849	95.27 -4.24 -1.02	89.29 -3.96 -1.09	87.88 -4.10 -0.95	87.94 -4.00 -0.98	92.93 -3.94 -0.84	127.48 -4.62 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.07 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.18 0.00	164.95 -3.19 0.00	155.14 -3.33 0.00	141.43 -2.72 -0.86	156.04 -3.35 0.00	165.52 -3.03 0.00	176.64 -2.87 0.00	233.18 -3.07 0.00	224.12 -2.95 0.00	185.82 -3.02 0.00	166.55 -2.88 0.00	151.10 -3.23 -0.36	96.63 -2.34 -1.39	90.54 -3.42 -1.43
MID___RAQUETTE_HYD 23851	91.30 -7.19 0.00	85.44 -6.73 0.00	84.20 -6.83 0.00	84.14 -6.82 0.00	89.21 -6.82 0.00	123.64 -8.45 0.00	147.08 -6.61 0.00	152.24 -7.17 0.00	167.69 -7.53 0.00	159.50 -6.99 0.00	169.49 -7.06 0.00	161.25 -6.89 0.00	151.50 -6.97 0.00	137.59 -6.16 -0.46	152.69 -6.69 0.00	162.15 -6.40 0.00	172.51 -7.00 0.00	227.98 -8.27 0.00	219.13 -7.95 0.00	180.91 -7.93 0.00	162.65 -6.78 0.00	148.01 -6.16 -0.20	93.28 -4.29 0.00	86.43 -6.11 0.00

MILLIKEN___1 23584	108.74 3.15 -7.10	102.69 2.95 -7.58	100.48 2.82 -6.63	100.61 2.82 -6.83	105.04 3.17 -5.84	136.10 3.96 -0.04	158.45 4.76 0.00	165.31 5.90 0.00	181.71 6.48 0.00	172.16 5.66 0.00	182.74 6.18 0.00	173.70 5.55 0.00	163.70 5.23 0.00	152.03 4.30 -4.44	163.85 4.46 0.00	173.61 5.06 0.00	185.26 5.74 0.00	244.28 8.03 0.00	234.80 7.72 0.00	195.83 6.99 0.00	174.85 5.42 0.00	159.23 3.39 -1.88	110.09 2.73 -9.78	105.54 2.96 -10.04
MILLIKEN___2 23585	108.74 3.15 -7.10	102.69 2.95 -7.58	100.48 2.82 -6.63	100.61 2.82 -6.83	105.04 3.17 -5.84	136.10 3.96 -0.04	158.45 4.76 0.00	165.31 5.90 0.00	181.71 6.48 0.00	172.16 5.66 0.00	182.74 6.18 0.00	173.70 5.55 0.00	163.70 5.23 0.00	152.03 4.30 -4.44	163.85 4.46 0.00	173.61 5.06 0.00	185.26 5.74 0.00	244.28 8.03 0.00	234.80 7.72 0.00	195.83 6.99 0.00	174.85 5.42 0.00	159.23 3.39 -1.88	110.09 2.73 -9.78	105.54 2.96 -10.04
MILLIKEN___DIESEL 23629	108.74 3.15 -7.10	102.69 2.95 -7.58	100.48 2.82 -6.63	100.61 2.82 -6.83	105.04 3.17 -5.84	136.10 3.96 -0.04	158.45 4.76 0.00	165.31 5.90 0.00	181.71 6.48 0.00	172.16 5.66 0.00	182.74 6.18 0.00	173.70 5.55 0.00	163.70 5.23 0.00	152.03 4.30 -4.44	163.85 4.46 0.00	173.61 5.06 0.00	185.26 5.74 0.00	244.28 8.03 0.00	234.80 7.72 0.00	195.83 6.99 0.00	174.85 5.42 0.00	159.23 3.39 -1.88	110.09 2.73 -9.78	105.54 2.96 -10.04
MILLSEAT___LFGE 323607	101.49 -2.26 -5.26	95.66 -2.12 -5.61	93.93 -2.00 -4.91	94.10 -1.91 -5.05	98.72 -1.63 -4.33	127.77 -4.36 -0.03	147.38 -6.31 0.00	153.20 -6.22 0.00	167.35 -7.88 0.00	158.68 -7.82 0.00	168.26 -8.30 0.00	157.22 -10.93 0.00	147.69 -10.78 0.00	136.99 -10.03 -3.74	147.76 -11.63 0.00	153.05 -15.50 0.00	163.54 -15.98 0.00	215.46 -20.79 0.00	207.09 -19.98 0.00	173.73 -15.11 0.00	153.84 -15.58 0.00	141.09 -13.70 -0.82	98.96 -5.66 -7.05	95.88 -3.88 -7.23
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	143.83 8.47 -36.87	138.89 7.37 -39.36	132.56 7.10 -34.43	133.79 7.37 -35.46	134.15 7.78 -30.34	142.46 10.17 -0.19	163.68 9.99 0.00	171.53 12.12 0.00	188.55 13.32 0.00	179.89 12.99 -0.41	189.80 13.24 0.00	181.09 12.95 0.00	171.72 12.99 -0.26	171.14 11.75 -16.10	172.89 12.91 -0.59	181.72 12.47 -0.70	196.02 13.10 -3.41	264.75 17.01 -11.49	243.65 16.58 0.00	203.60 14.73 -0.03	182.14 12.71 0.00	172.27 12.01 -6.29	156.05 8.10 -50.37	150.87 6.85 -51.49
MILLWOOD_13_KV_LOAD 356217	144.13 8.77 -36.87	139.17 7.65 -39.36	132.83 7.37 -34.43	134.06 7.64 -35.46	134.34 7.97 -30.34	142.85 10.57 -0.19	164.14 10.45 0.00	172.17 12.75 0.00	189.25 14.02 0.00	180.55 13.65 -0.41	190.51 13.95 0.00	181.77 13.62 0.00	172.35 13.63 -0.26	171.71 12.32 -16.10	173.53 13.55 -0.59	182.56 13.32 -0.70	196.92 14.00 -3.41	265.69 17.96 -11.49	244.56 17.48 0.00	204.35 15.49 -0.03	182.81 13.38 0.00	172.89 12.63 -6.29	156.44 8.49 -50.37	151.15 7.13 -51.49
MODEL_CITY_ENERGY 24167	98.39 -5.61 -5.51	92.98 -5.07 -5.88	91.26 -4.92 -5.15	91.44 -4.82 -5.30	95.76 -4.80 -4.54	123.01 -9.11 -0.03	141.24 -12.44 0.00	146.19 -13.23 0.00	159.81 -15.42 0.00	151.35 -15.15 0.00	160.50 -16.07 0.00	150.66 -17.49 0.00	141.52 -16.95 0.00	131.52 -15.61 -3.84	141.54 -17.85 0.00	146.48 -22.07 0.00	156.01 -23.51 0.00	205.32 -30.94 0.00	197.34 -29.74 0.00	165.80 -23.05 0.00	147.06 -22.37 0.00	135.13 -19.71 -0.87	95.72 -9.27 -7.41	93.02 -7.12 -7.61
MODERN_LFGE___ 323580	98.39 -5.61 -5.51	92.98 -5.07 -5.88	91.26 -4.92 -5.15	91.44 -4.82 -5.30	95.76 -4.80 -4.54	123.01 -9.11 -0.03	141.24 -12.44 0.00	146.19 -13.23 0.00	159.81 -15.42 0.00	151.35 -15.15 0.00	160.50 -16.07 0.00	150.66 -17.49 0.00	141.52 -16.95 0.00	131.52 -15.61 -3.84	141.54 -17.85 0.00	146.48 -22.07 0.00	156.01 -23.51 0.00	205.32 -30.94 0.00	197.34 -29.74 0.00	165.80 -23.05 0.00	147.06 -22.37 0.00	135.13 -19.71 -0.87	95.72 -9.27 -7.41	93.02 -7.12 -7.61
MOHAWK_PAPER___DRP 24187	149.61 4.92 -46.20	145.99 4.52 -49.31	138.72 4.55 -43.14	139.85 4.46 -44.43	138.75 4.71 -38.02	139.20 6.87 -0.23	160.76 7.07 0.00	167.07 7.65 0.00	183.81 8.59 0.00	174.65 8.16 0.00	185.21 8.65 0.00	176.72 8.58 0.00	167.02 8.56 0.00	169.00 7.59 -18.11	167.83 8.45 0.00	176.30 7.75 0.00	187.05 7.54 0.00	245.94 9.69 0.00	236.61 9.54 0.00	197.34 8.50 0.00	176.88 7.45 0.00	168.71 7.08 -7.66	165.16 4.59 -63.00	161.92 4.72 -64.66
MOHICAN___35_KV_115KV_LD 80490	152.08 6.30 -47.28	148.53 5.90 -50.47	140.82 5.64 -44.15	141.98 5.55 -45.47	140.80 5.86 -38.91	141.32 8.98 -0.24	165.67 11.99 0.00	172.33 12.91 0.00	186.09 10.86 0.00	176.48 9.99 0.00	186.97 10.42 0.00	178.24 10.09 0.00	168.93 10.46 0.00	170.95 9.17 -18.49	169.27 9.88 0.00	178.16 9.61 0.00	190.10 10.59 0.00	250.66 14.41 0.00	240.70 13.62 0.00	201.12 12.27 0.00	180.61 11.18 0.00	172.11 10.32 -7.82	170.24 8.20 -64.47	166.66 7.96 -66.17
MONGAUP___HYD 23641	138.57 6.01 -34.07	133.59 5.07 -36.36	127.75 4.91 -31.81	128.72 5.00 -32.76	129.44 5.37 -28.04	139.27 7.00 -0.17	161.06 7.38 0.00	167.86 8.44 0.00	183.99 8.76 0.00	174.71 8.16 -0.06	184.68 8.13 0.00	176.05 7.90 0.00	166.31 7.76 -0.08	164.64 7.02 -14.33	167.43 7.81 -0.24	176.41 7.76 -0.10	189.49 8.62 -1.36	252.64 11.81 -4.59	238.42 11.35 0.00	199.04 10.19 -0.01	177.90 8.47 0.00	167.37 8.00 -5.40	149.41 5.66 -46.18	144.52 4.62 -47.36
MONTAUK___DIESEL 23721	150.11 14.48 -37.14	144.90 13.09 -39.64	138.00 12.29 -34.68	139.60 12.92 -35.72	145.32 14.12 -35.18	151.18 18.89 -0.19	171.67 17.98 0.00	179.98 20.56 0.00	198.36 23.13 0.00	189.84 22.81 -0.54	201.80 25.25 0.00	188.46 23.20 2.89	179.14 22.34 1.67	178.11 20.06 -14.76	180.66 22.47 1.20	188.58 22.08 2.05	203.77 24.59 0.34	282.72 31.42 -15.04	258.41 31.34 0.00	216.83 27.95 -0.03	189.31 22.87 2.99	179.53 21.09 -4.47	161.16 13.08 -50.51	155.71 11.29 -51.89
MOONROAD_115KV_HARTFLD_TB1-2 355988	104.51 -0.39 -6.41	98.82 -0.18 -6.84	96.83 -0.18 -5.98	97.22 0.09 -6.16	101.88 0.58 -5.27	133.32 1.19 -0.03	155.22 1.54 0.00	160.70 1.28 -0.01	175.76 0.53 -0.01	166.17 -0.33 -0.01	175.50 -1.06 -0.01	165.46 -2.69 -0.01	154.83 -3.64 -0.01	139.48 -8.02 -4.21	153.81 -5.58 -0.01	158.44 -10.11 0.00	168.93 -10.59 -0.01	222.79 -13.47 -0.01	213.68 -13.40 -0.01	179.22 -9.63 -0.01	159.09 -10.34 0.00	143.59 -12.16 -1.78	101.29 -4.98 -8.69	98.59 -2.87 -8.92
MORTIMER_115KV_TB3 55949	101.90 -1.08 -4.50	95.86 -1.11 -4.80	94.22 -1.00 -4.20	94.38 -0.91 -4.32	98.96 -0.77 -3.70	128.55 -3.57 -0.02	148.92 -4.76 0.00	154.95 -4.46 0.00	169.97 -5.26 0.00	161.17 -5.33 0.00	171.08 -5.47 0.00	161.59 -6.56 0.00	151.97 -6.50 0.00	141.84 -4.87 -3.42	152.05 -7.33 0.00	158.94 -9.61 0.00	170.00 -9.51 0.00	223.97 -12.29 0.00	215.04 -12.03 0.00	179.40 -9.44 0.00	159.77 -9.66 0.00	148.18 -7.24 -1.45	100.89 -2.63 -5.95	97.07 -1.57 -6.11
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	145.11 9.46 -37.16	140.03 8.20 -39.66	133.65 7.92 -34.70	134.88 8.19 -35.74	135.35 8.74 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.31 13.87 -0.02	190.49 15.24 -0.02	192.03 14.82 -10.72	191.58 15.01 -0.02	182.80 14.63 -0.02	176.35 14.58 -3.30	178.57 13.18 -22.09	177.29 14.50 -3.40	201.29 14.33 -18.41	214.22 15.08 -19.63	321.81 19.37 -66.18	245.94 18.85 -0.02	205.59 16.62 -0.13	183.85 14.40 -0.02	173.96 13.55 -6.44	162.83 9.17 -56.08	152.22 7.77 -51.91

MUNSVILLE_WIND_PWR 323609	122.42 12.21 -11.71	116.00 11.33 -12.50	112.61 10.65 -10.94	112.95 10.73 -11.27	117.38 11.71 -9.64	148.40 16.24 -0.06	174.74 21.06 0.00	182.86 23.44 0.00	201.50 26.28 0.00	189.31 22.81 0.00	201.27 24.72 0.00	191.18 23.04 0.00	180.34 21.88 0.00	168.65 19.06 -6.30	179.31 19.92 0.00	189.62 21.07 0.00	202.68 23.17 0.00	268.87 32.61 0.00	258.19 31.11 0.00	215.85 27.00 0.00	192.47 23.04 0.00	174.16 18.31 -1.87	125.80 12.20 -16.03	120.46 11.47 -16.45
N SALMON___HYD 24042	95.63 -2.86 0.00	89.49 -2.68 0.00	88.48 -2.55 0.00	88.05 -2.91 0.00	93.72 -2.31 0.00	128.66 -3.44 0.00	149.69 -4.00 0.00	155.44 -3.98 0.00	171.37 -3.86 0.00	164.00 -2.49 0.00	174.08 -2.47 0.00	164.95 -3.20 0.00	155.77 -2.69 0.00	141.12 -2.44 -0.26	156.67 -2.71 0.00	165.00 -3.55 0.00	175.39 -4.12 0.00	232.01 -4.25 0.00	222.99 -4.08 0.00	183.93 -4.91 0.00	165.02 -4.41 0.00	151.04 -2.93 0.00	95.72 -1.86 0.00	90.59 -1.95 0.00
N.AKRON__115KV_KNAPP 355671	101.42 -2.36 -5.29	95.60 -2.21 -5.65	93.97 -2.00 -4.94	94.05 -2.00 -5.09	98.75 -1.63 -4.35	127.50 -4.62 -0.03	147.23 -6.45 0.00	152.72 -6.70 0.00	167.17 -8.06 0.00	158.34 -8.16 0.00	168.09 -8.47 0.00	157.05 -11.10 0.00	147.54 -10.93 0.00	136.87 -10.17 -3.75	147.43 -11.95 0.00	152.88 -15.68 0.00	163.72 -15.80 0.00	215.70 -20.55 0.00	206.64 -20.44 0.00	172.79 -16.05 0.00	153.50 -15.93 0.00	141.85 -13.70 -1.59	98.82 -5.85 -7.10	96.03 -3.79 -7.28
N.BELMOR_69_KV_BK1 55787	146.47 10.83 -37.14	141.39 9.59 -39.64	134.81 9.10 -34.68	136.23 9.55 -35.72	141.48 10.27 -35.18	145.89 13.61 -0.19	166.60 12.91 0.00	174.88 15.46 0.00	192.40 17.17 0.00	184.01 16.98 -0.54	193.86 17.30 0.00	184.02 16.31 0.44	174.66 16.16 -0.03	174.36 14.76 -16.31	176.12 16.26 -0.48	184.70 15.68 -0.47	200.12 16.87 -3.73	273.27 21.97 -15.05	248.87 21.80 0.00	207.95 19.07 -0.03	184.90 15.93 0.45	175.42 15.40 -6.05	158.21 9.86 -50.78	152.75 8.33 -51.89
N.E_GEN_SANDY PD 24062	146.90 6.11 -42.30	142.75 5.44 -45.15	136.08 5.55 -39.50	137.10 5.46 -40.68	136.60 5.76 -34.81	140.37 8.06 -0.21	161.37 7.68 0.00	168.02 8.60 0.00	185.21 9.98 0.00	175.65 9.15 0.00	186.44 9.88 0.00	177.89 9.75 0.00	168.14 9.67 0.00	168.80 8.74 -16.77	168.95 9.56 0.00	177.98 9.43 0.00	189.20 9.69 0.00	249.00 12.75 0.00	239.10 12.03 0.00	199.41 10.57 0.00	179.08 9.65 0.00	171.37 9.24 -8.16	159.81 5.95 -56.28	157.49 5.74 -59.21
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	142.54 8.17 -35.87	137.64 7.19 -38.29	131.44 6.92 -33.50	132.56 7.09 -34.50	133.14 7.59 -29.52	142.19 9.91 -0.18	163.37 9.68 0.00	171.21 11.80 0.00	188.02 12.79 0.00	179.12 12.32 -0.30	189.09 12.54 0.00	180.42 12.27 0.00	171.02 12.36 -0.19	169.88 11.18 -15.42	172.10 12.27 -0.44	180.87 11.80 -0.52	194.62 12.57 -2.54	260.88 16.07 -8.56	242.74 15.67 0.00	203.03 14.16 -0.02	181.63 12.20 0.00	171.65 11.55 -6.14	154.36 7.90 -48.88	149.21 6.66 -50.01
N.QUEENS_27_KV_LOAD 356247	145.70 10.05 -37.16	140.68 8.85 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.98 12.68 -0.20	166.14 12.45 -0.01	174.25 14.83 -0.01	191.37 16.12 -0.02	189.86 15.65 -7.72	192.29 15.71 -0.02	183.79 15.64 -0.01	176.27 15.37 -2.43	177.67 13.90 -20.48	177.32 15.30 -2.64	196.98 15.17 -13.26	210.47 15.80 -15.16	307.92 20.55 -51.11	246.85 19.76 -0.02	206.34 17.37 -0.12	185.03 15.59 -0.02	174.86 14.47 -6.42	162.80 9.86 -55.37	152.78 8.33 -51.92
N.TROY___115KV_TB1 355778	149.89 4.92 -46.47	146.37 4.61 -49.60	138.97 4.55 -43.39	140.11 4.46 -44.69	138.98 4.71 -38.24	139.33 7.00 -0.24	161.06 7.38 0.00	167.39 7.97 0.00	183.99 8.76 0.00	174.49 7.99 0.00	185.21 8.65 0.00	176.55 8.41 0.00	166.87 8.40 0.00	168.94 7.45 -18.20	167.67 8.29 0.00	176.47 7.92 0.00	187.77 8.26 0.00	247.12 10.87 0.00	237.52 10.45 0.00	198.29 9.44 0.00	177.73 8.30 0.00	169.67 8.01 -7.70	166.21 5.27 -63.37	162.75 5.18 -65.03
NARROWS_GT1_1 24228	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_2 24229	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_3 24230	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_4 24231	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_5 24232	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_6 24233	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT1_7 24234	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92

NARROWS_GT1_8 24235	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_1 24236	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_2 24237	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_3 24238	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_4 24239	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_5 24240	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_6 24241	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_7 24242	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NARROWS_GT2_8 24243	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	147.20 5.32 -43.39	143.27 4.79 -46.31	136.46 4.92 -40.51	137.42 4.73 -41.73	136.73 4.99 -35.71	141.30 8.98 -0.22	164.60 10.91 0.00	169.14 9.72 0.00	185.57 10.34 0.00	175.82 9.32 0.00	185.91 9.36 0.00	177.56 9.42 0.00	167.34 8.87 0.00	167.25 6.73 -17.23	168.15 8.77 0.00	176.81 8.26 0.00	187.95 8.44 0.00	248.30 12.05 0.00	239.11 12.03 0.00	199.61 10.76 0.00	178.58 9.15 0.00	168.65 7.39 -7.29	161.67 4.59 -59.51	158.42 4.81 -61.07
NCHELSEA_115KV_TR2 355582	145.09 9.46 -37.14	140.01 8.20 -39.64	133.72 8.01 -34.68	134.87 8.19 -35.72	135.14 8.55 -30.57	143.91 11.62 -0.19	165.98 12.29 0.00	173.28 13.87 0.00	190.30 15.07 0.00	183.12 16.65 0.02	193.86 17.30 0.00	184.79 16.65 0.00	174.45 16.01 0.03	172.89 14.33 -15.28	175.08 15.78 0.08	184.70 16.18 0.03	196.47 17.41 0.46	258.09 23.39 1.55	249.78 22.71 0.00	208.29 19.45 0.00	186.20 16.77 0.00	176.05 15.55 -6.53	160.32 10.34 -52.40	155.21 8.88 -53.79
NEG CAPITAL___MECHNVIL 23645	151.61 6.11 -47.01	148.05 5.72 -50.17	140.57 5.65 -43.89	141.72 5.55 -45.21	140.57 5.86 -38.69	140.80 8.46 -0.24	163.98 10.30 0.00	169.46 10.05 0.00	186.61 11.38 0.00	177.16 10.67 0.00	187.69 11.13 0.00	179.07 10.92 0.00	169.56 11.09 0.00	171.43 9.75 -18.39	170.07 10.68 0.00	179.18 10.63 0.00	191.01 11.50 0.00	251.38 15.13 0.00	241.62 14.55 0.00	201.69 12.85 0.00	180.78 11.35 0.00	171.94 10.48 -7.50	168.70 7.03 -64.10	165.07 6.75 -65.78
NEG CENTRAL_HIGH_ACRES 23767	100.48 -2.36 -4.35	94.41 -2.40 -4.64	92.82 -2.27 -4.06	92.96 -2.18 -4.18	97.49 -2.11 -3.58	128.16 -3.96 -0.02	147.24 -6.45 0.00	153.52 -5.90 0.00	168.21 -7.01 0.00	159.83 -6.66 0.00	169.49 -7.07 0.00	160.41 -7.73 0.00	150.71 -7.76 0.00	140.74 -5.88 -3.33	151.09 -8.29 0.00	158.44 -10.11 0.00	169.46 -10.05 0.00	223.26 -12.99 0.00	214.36 -12.71 0.00	179.01 -9.83 0.00	159.43 -10.00 0.00	146.32 -8.32 -0.66	99.45 -3.81 -5.68	95.49 -2.87 -5.83
NEG CENTRAL___DRP 24199	103.52 0.20 -4.83	97.51 0.18 -5.16	95.72 0.18 -4.51	95.79 0.18 -4.65	100.39 0.38 -3.98	132.12 0.00 -0.02	155.68 2.00 0.00	162.44 3.03 0.00	178.21 2.98 0.00	169.16 2.66 0.00	179.21 2.65 0.00	170.33 2.19 0.00	160.37 1.90 0.00	147.92 0.86 -3.77	160.50 1.12 0.00	169.73 1.18 0.00	181.31 1.80 0.00	239.09 2.84 0.00	229.80 2.72 0.00	191.68 2.83 0.00	170.95 1.52 0.00	154.79 -0.77 -1.59	105.37 0.29 -7.50	100.98 0.74 -7.70
NEG CENTRAL___INDECK 23768	107.85 2.95 -6.41	101.58 2.58 -6.84	99.66 2.64 -5.99	99.85 2.73 -6.17	104.57 3.27 -5.28	135.43 3.30 -0.03	157.84 4.15 0.00	164.99 5.58 0.00	174.36 -0.87 0.00	165.00 -1.50 0.00	175.33 -1.23 0.00	165.29 -2.86 0.00	154.98 -3.49 0.00	144.22 -3.29 -4.22	155.41 -3.98 0.00	161.97 -6.58 0.00	173.95 -5.57 0.00	228.68 -7.57 0.00	219.59 -7.49 0.00	184.51 -4.34 0.00	163.84 -5.59 0.00	153.15 -1.84 -1.02	107.31 0.98 -8.76	103.20 1.67 -8.99

NEG CENTRAL___SENECA 23627	104.06 0.20 -5.37	98.18 0.28 -5.74	96.32 0.27 -5.02	96.40 0.27 -5.17	101.03 0.58 -4.42	132.26 0.13 -0.03	157.53 3.84 0.00	164.36 4.94 0.00	180.14 4.91 0.00	170.66 4.16 0.00	180.97 4.41 0.00	172.01 3.87 0.00	161.64 3.17 0.00	149.04 1.58 -4.18	161.94 2.55 0.00	171.08 2.53 0.00	182.92 3.41 0.00	241.45 5.20 0.00	232.07 5.00 0.00	193.75 4.91 0.00	172.65 3.22 0.00	155.58 -0.15 -1.77	107.09 0.68 -8.83	102.90 1.30 -9.07
NEG CENTRAL___STATE_STREET 24147	104.03 0.89 -4.65	97.96 0.83 -4.97	96.19 0.82 -4.35	96.26 0.82 -4.48	100.82 0.96 -3.83	132.91 0.79 -0.02	155.07 1.38 0.00	161.81 2.39 0.00	177.86 2.63 0.00	168.99 2.50 0.00	179.38 2.82 0.00	170.33 2.19 0.00	160.37 1.90 0.00	148.36 1.58 -3.49	160.66 1.28 0.00	169.56 1.01 0.00	181.13 1.62 0.00	238.61 2.36 0.00	229.12 2.04 0.00	190.92 2.08 0.00	170.61 1.19 0.00	155.29 -0.15 -1.47	104.64 0.49 -6.57	100.12 0.83 -6.75
NEG MILLWOOD___DRP 24198	146.03 10.05 -37.49	140.94 8.76 -40.02	134.50 8.47 -35.01	135.75 8.73 -36.06	135.81 8.93 -30.85	144.31 12.02 -0.19	166.13 12.45 0.00	174.24 14.83 0.00	191.70 16.47 0.00	183.48 16.98 0.00	194.39 17.83 0.00	185.13 16.98 0.00	175.11 16.64 0.00	173.53 14.90 -15.33	175.80 16.42 0.00	185.07 16.52 0.00	197.28 17.77 0.00	259.40 23.15 0.00	249.56 22.48 0.00	208.29 19.45 0.00	186.37 16.94 0.00	176.16 15.70 -6.48	159.88 10.34 -51.96	154.66 8.79 -53.33
NEG NORTH_FLCN_SEA 23793	96.62 -1.87 0.00	90.32 -1.84 0.00	89.30 -1.73 0.00	88.69 -2.27 0.00	94.39 -1.63 0.00	128.40 -3.70 0.00	146.77 -6.92 0.00	152.72 -6.70 0.00	168.57 -6.66 0.00	161.33 -5.16 0.00	171.26 -5.30 0.00	163.10 -5.04 0.00	154.98 -3.49 0.00	139.99 -3.30 0.00	155.88 -3.51 0.00	162.15 -6.40 0.00	172.15 -7.36 0.00	227.98 -8.27 0.00	219.35 -7.72 0.00	180.91 -7.93 0.00	162.31 -7.12 0.00	150.43 -3.54 0.00	95.23 -2.34 0.00	91.43 -1.11 0.00
NEG NORTH_KES_CHATEGAY 23792	95.64 -2.86 0.00	89.49 -2.67 0.00	88.48 -2.55 0.00	87.87 -3.09 0.00	93.43 -2.59 0.00	128.14 -3.96 0.00	148.15 -5.53 0.00	153.83 -5.58 0.00	169.62 -5.61 0.00	162.33 -4.16 0.00	172.32 -4.24 0.00	163.77 -4.37 0.00	154.66 -3.80 0.00	139.71 -3.58 0.00	155.56 -3.83 0.00	163.66 -4.89 0.00	173.77 -5.74 0.00	230.11 -6.14 0.00	221.17 -5.90 0.00	182.42 -6.42 0.00	163.84 -5.59 0.00	150.43 -3.54 0.00	95.14 -2.44 0.00	90.50 -2.04 0.00
NEG NORTH___ALICE_FALLS 23915	96.82 -1.67 0.00	90.51 -1.66 0.00	89.48 -1.55 0.00	88.87 -2.09 0.00	94.68 -1.34 0.00	129.19 -2.91 0.00	148.15 -5.53 0.00	154.31 -5.10 0.00	170.15 -5.08 0.00	163.00 -3.50 0.00	173.03 -3.53 0.00	164.62 -3.53 0.00	155.93 -2.54 0.00	140.85 -2.44 0.00	156.68 -2.71 0.00	163.83 -4.72 0.00	173.77 -5.74 0.00	230.58 -5.67 0.00	221.85 -5.22 0.00	182.80 -6.04 0.00	164.01 -5.42 0.00	151.20 -2.77 0.00	95.92 -1.66 0.00	91.70 -0.83 0.00
NEG NORTH___LWR_SARANAC 23913	96.82 -1.67 0.00	90.51 -1.66 0.00	89.48 -1.55 0.00	88.87 -2.09 0.00	94.68 -1.34 0.00	129.19 -2.91 0.00	148.15 -5.53 0.00	154.31 -5.10 0.00	170.15 -5.08 0.00	163.00 -3.50 0.00	173.03 -3.53 0.00	164.62 -3.53 0.00	155.93 -2.54 0.00	140.85 -2.44 0.00	156.68 -2.71 0.00	163.83 -4.72 0.00	173.77 -5.74 0.00	230.58 -5.67 0.00	221.85 -5.22 0.00	182.80 -6.04 0.00	164.01 -5.42 0.00	151.20 -2.77 0.00	95.92 -1.66 0.00	91.70 -0.83 0.00
NEG NORTH___PLATTSBURG 23628	96.82 -1.67 0.00	90.60 -1.57 0.00	89.48 -1.55 0.00	88.87 -2.09 0.00	94.68 -1.34 0.00	128.80 -3.30 0.00	148.16 -5.53 0.00	154.31 -5.11 0.00	170.14 -5.09 0.00	162.99 -3.50 0.00	173.03 -3.53 0.00	163.77 -4.37 0.00	155.93 -2.54 0.00	140.85 -2.44 0.00	156.67 -2.71 0.00	163.66 -4.89 0.00	173.95 -5.57 0.00	230.58 -5.67 0.00	221.86 -5.21 0.00	182.79 -6.05 0.00	164.00 -5.43 0.00	151.20 -2.77 0.00	95.92 -1.66 0.00	91.70 -0.83 0.00
NEG WEST_LEA_LOCKPORT 23791	99.52 -4.43 -5.46	93.93 -4.06 -5.83	92.21 -3.91 -5.10	92.39 -3.82 -5.25	96.87 -3.65 -4.49	124.60 -7.53 -0.03	143.39 -10.30 0.00	148.10 -11.32 0.00	162.09 -13.14 0.00	153.68 -12.82 0.00	163.14 -13.42 0.00	151.84 -16.31 0.00	142.78 -15.69 0.00	132.50 -14.62 -3.82	142.65 -16.74 0.00	147.65 -20.90 0.00	157.62 -21.90 0.00	207.67 -28.59 0.00	199.15 -27.93 0.00	166.56 -22.28 0.00	148.08 -21.35 0.00	137.11 -18.48 -1.62	96.23 -8.68 -7.34	93.87 -6.20 -7.53
NEG WEST___LANCASTR 23811	98.90 -5.91 -6.31	93.65 -5.25 -6.74	91.83 -5.10 -5.90	92.03 -5.00 -6.07	96.23 -4.99 -5.20	129.75 -2.38 -0.03	151.07 -2.61 0.00	155.59 -3.83 -0.01	170.33 -4.91 -0.01	161.17 -5.33 -0.01	170.91 -5.65 -0.01	162.10 -6.05 -0.01	152.45 -6.02 -0.01	133.85 -13.61 -4.17	152.86 -6.53 -0.01	158.61 -9.94 0.00	169.11 -10.41 -0.01	222.08 -14.18 -0.01	213.23 -13.85 -0.01	178.65 -10.20 -0.01	159.43 -10.00 0.00	138.34 -17.40 -1.76	97.83 -8.29 -8.55	94.93 -6.39 -8.77
NEG_PENN_ALLEGHNY 23528	112.29 1.67 -12.13	106.77 1.66 -12.95	103.99 1.64 -11.33	104.27 1.64 -11.67	107.83 1.82 -9.98	133.62 1.46 -0.06	155.99 2.31 0.00	162.60 3.19 0.00	178.39 3.16 0.00	169.32 2.83 0.00	179.56 3.00 0.00	170.83 2.68 0.00	161.00 2.53 0.00	151.06 1.29 -6.49	161.45 2.07 0.00	170.06 1.51 0.00	181.31 1.79 0.00	238.61 2.36 0.00	229.35 2.27 0.00	191.86 3.01 0.00	171.29 1.87 0.00	156.06 0.15 -1.94	115.12 0.98 -16.57	110.84 1.29 -17.01
NEG___GEN_MONROE 24207	102.14 -0.89 -4.54	96.18 -0.83 -4.84	94.63 -0.64 -4.24	94.69 -0.64 -4.36	99.28 -0.48 -3.73	129.08 -3.04 -0.02	149.08 -4.61 0.00	154.79 -4.62 0.00	169.97 -5.26 0.00	161.00 -5.49 0.00	170.91 -5.65 0.00	161.08 -7.06 0.00	151.18 -7.29 0.00	140.71 -6.02 -3.44	150.94 -8.45 0.00	157.43 -11.12 0.00	168.56 -10.95 0.00	222.08 -14.18 0.00	213.68 -13.40 0.00	178.46 -10.39 0.00	158.58 -10.84 0.00	147.26 -8.16 -1.45	100.66 -2.93 -6.01	97.13 -1.57 -6.17
NEPA___ENERGY 23901	101.88 -3.05 -6.44	96.46 -2.58 -6.87	94.58 -2.46 -6.01	94.79 -2.36 -6.19	99.21 -2.11 -5.30	128.83 -3.30 -0.03	149.23 -4.46 0.00	154.48 -4.94 -0.01	168.75 -6.48 -0.01	159.67 -6.83 -0.01	169.32 -7.24 -0.01	160.42 -7.73 -0.01	150.87 -7.61 -0.01	137.48 -10.03 -4.22	150.94 -8.45 -0.01	156.42 -12.14 0.00	166.95 -12.57 -0.01	219.48 -16.77 -0.01	210.73 -16.35 -0.01	176.95 -11.90 -0.01	157.40 -12.03 0.00	142.21 -13.55 -1.79	100.64 -5.66 -8.73	97.51 -3.98 -8.96
NEVERSINK___HYD 23608	141.42 9.55 -33.38	136.09 8.30 -35.63	130.29 8.10 -31.17	131.34 8.28 -32.10	132.32 8.83 -27.47	143.89 11.63 -0.17	166.43 12.75 0.00	173.77 14.35 0.00	190.46 15.24 0.00	182.14 15.65 0.00	192.98 16.42 0.00	184.13 15.98 0.00	173.53 15.06 0.00	170.65 13.47 -13.89	174.21 14.83 0.00	184.05 15.50 0.00	196.21 16.70 0.00	259.42 23.17 0.00	249.10 22.02 0.00	208.11 19.27 0.00	185.69 16.27 0.00	174.32 14.93 -5.42	154.18 10.24 -46.36	148.72 8.61 -47.58
NEWKRMKL_115KV_TB1 55635	149.05 4.43 -46.13	145.54 4.15 -49.23	138.20 4.10 -43.07	139.42 4.09 -44.36	138.21 4.23 -37.96	138.54 6.21 -0.23	159.83 6.15 0.00	165.79 6.38 0.00	182.59 7.36 0.00	173.65 7.16 0.00	183.97 7.42 0.00	175.54 7.40 0.00	165.92 7.45 0.00	167.97 6.59 -18.09	166.56 7.17 0.00	174.62 6.07 0.00	184.90 5.39 0.00	243.10 6.85 0.00	233.89 6.81 0.00	195.07 6.23 0.00	174.85 5.42 0.00	166.86 5.23 -7.65	164.00 3.51 -62.91	160.99 3.89 -64.56

NEWTON___FALLS_HYD 23847	95.27 -4.24 -1.02	89.29 -3.96 -1.09	87.88 -4.10 -0.95	87.94 -4.00 -0.98	92.93 -3.94 -0.84	127.48 -4.62 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.07 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.18 0.00	164.95 -3.19 0.00	155.14 -3.33 0.00	141.43 -2.72 -0.86	156.04 -3.35 0.00	165.52 -3.03 0.00	176.64 -2.87 0.00	233.18 -3.07 0.00	224.12 -2.95 0.00	185.82 -3.02 0.00	166.55 -2.88 0.00	151.10 -3.23 -0.36	96.63 -2.34 -1.39	90.54 -3.42 -1.43
NGRID_A1_DSASP 323792	97.73 -6.31 -5.54	92.37 -5.71 -5.92	90.65 -5.56 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.82 -10.30 -0.03	139.08 -14.60 0.00	143.80 -15.62 0.00	157.19 -18.04 0.00	148.85 -17.65 0.00	158.03 -18.54 0.00	149.15 -19.00 0.00	140.09 -18.38 0.00	130.68 -16.47 -3.86	140.10 -19.29 0.00	144.79 -23.76 0.00	154.21 -25.31 0.00	202.95 -33.30 0.00	195.07 -32.01 0.00	163.92 -24.93 0.00	145.37 -24.06 0.00	134.21 -20.63 -0.87	95.28 -9.76 -7.46	92.52 -7.68 -7.66
NGRID_A2_DSASP 323793	97.73 -6.31 -5.54	92.37 -5.71 -5.92	90.65 -5.56 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.82 -10.30 -0.03	139.08 -14.60 0.00	143.80 -15.62 0.00	157.19 -18.04 0.00	148.85 -17.65 0.00	158.03 -18.54 0.00	149.15 -19.00 0.00	140.09 -18.38 0.00	130.68 -16.47 -3.86	140.10 -19.29 0.00	144.79 -23.76 0.00	154.21 -25.31 0.00	202.95 -33.30 0.00	195.07 -32.01 0.00	163.92 -24.93 0.00	145.37 -24.06 0.00	134.21 -20.63 -0.87	95.28 -9.76 -7.46	92.52 -7.68 -7.66
NGRID_A4_DSASP 323807	97.73 -6.31 -5.54	92.37 -5.71 -5.92	90.65 -5.56 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.82 -10.30 -0.03	139.08 -14.60 0.00	143.80 -15.62 0.00	157.19 -18.04 0.00	148.85 -17.65 0.00	158.03 -18.54 0.00	149.15 -19.00 0.00	140.09 -18.38 0.00	130.68 -16.47 -3.86	140.10 -19.29 0.00	144.79 -23.76 0.00	154.21 -25.31 0.00	202.95 -33.30 0.00	195.07 -32.01 0.00	163.92 -24.93 0.00	145.37 -24.06 0.00	134.21 -20.63 -0.87	95.28 -9.76 -7.46	92.52 -7.68 -7.66
NIAGARA_115E_LBMP 323715	97.85 -6.20 -5.56	92.38 -5.71 -5.93	90.66 -5.56 -5.19	90.85 -5.46 -5.35	95.23 -5.38 -4.57	122.08 -10.04 -0.03	140.01 -13.68 0.00	144.76 -14.66 0.00	158.24 -16.99 0.00	149.85 -16.65 0.00	159.08 -17.48 0.00	149.65 -18.50 0.00	140.56 -17.91 0.00	130.68 -16.47 -3.86	140.58 -18.81 0.00	145.47 -23.09 0.00	154.74 -24.77 0.00	203.90 -32.36 0.00	195.98 -31.10 0.00	164.67 -24.17 0.00	146.05 -23.38 0.00	134.22 -20.63 -0.88	95.21 -9.85 -7.48	92.54 -7.68 -7.68
NIAGARA_115W_LBMP 323714	97.52 -6.50 -5.54	92.08 -5.99 -5.91	90.47 -5.73 -5.17	90.65 -5.64 -5.32	94.92 -5.67 -4.56	121.55 -10.57 -0.03	138.63 -15.06 0.00	143.32 -16.09 0.00	156.65 -18.58 0.00	148.51 -17.98 0.00	157.49 -19.07 0.00	148.65 -19.50 0.00	139.61 -18.86 0.00	130.24 -16.91 -3.86	139.62 -19.77 0.00	144.44 -24.11 0.00	153.67 -25.85 0.00	202.46 -33.79 0.00	194.60 -32.48 0.00	163.55 -25.30 0.00	145.03 -24.39 0.00	133.90 -20.94 -0.87	94.98 -10.05 -7.45	92.23 -7.96 -7.65
NIAGARA_230_LBMP 323716	98.63 -5.32 -5.46	93.11 -4.89 -5.83	91.39 -4.74 -5.10	91.58 -4.64 -5.25	95.91 -4.61 -4.50	123.28 -8.85 -0.03	140.93 -12.75 0.00	145.86 -13.55 0.00	159.28 -15.94 0.00	151.01 -15.48 0.00	160.14 -16.41 0.00	151.17 -16.98 0.00	141.98 -16.48 0.00	132.36 -14.76 -3.83	142.16 -17.22 0.00	147.14 -21.41 0.00	156.53 -22.98 0.00	206.24 -30.01 0.00	198.23 -28.84 0.00	166.55 -22.29 0.00	147.74 -21.69 0.00	136.04 -18.79 -0.86	96.34 -8.59 -7.35	93.51 -6.57 -7.54
NIAGARA___115KV_198_GIBSON 55903	97.53 -6.50 -5.54	92.18 -5.90 -5.91	90.46 -5.73 -5.17	90.65 -5.64 -5.32	94.92 -5.67 -4.56	121.03 -11.10 -0.03	138.62 -15.06 0.00	143.16 -16.26 0.00	156.66 -18.57 0.00	148.35 -18.15 0.00	157.49 -19.07 0.00	148.65 -19.50 0.00	139.77 -18.70 0.00	130.24 -16.91 -3.86	139.63 -19.76 0.00	144.62 -23.93 0.00	154.21 -25.31 0.00	202.94 -33.31 0.00	194.61 -32.47 0.00	162.98 -25.87 0.00	145.03 -24.40 0.00	134.97 -20.63 -1.63	94.98 -10.05 -7.45	92.50 -7.68 -7.65
NIAGARA____ 23760	98.72 -5.32 -5.55	93.20 -4.89 -5.92	91.47 -4.74 -5.18	91.66 -4.64 -5.34	95.98 -4.61 -4.57	123.28 -8.85 -0.03	140.93 -12.75 0.00	145.86 -13.55 0.00	159.28 -15.94 0.00	151.02 -15.48 0.00	160.14 -16.41 0.00	151.17 -16.98 0.00	141.98 -16.48 0.00	132.38 -14.76 -3.85	142.17 -17.22 0.00	147.14 -21.41 0.00	156.53 -22.98 0.00	206.24 -30.01 0.00	198.23 -28.84 0.00	166.56 -22.29 0.00	147.74 -21.69 0.00	136.05 -18.79 -0.87	96.42 -8.59 -7.44	93.63 -6.57 -7.66
NINE_MILE_1 23575	98.23 -2.56 -2.30	92.22 -2.40 -2.46	90.91 -2.27 -2.15	90.90 -2.27 -2.21	95.33 -2.59 -1.89	128.15 -3.96 -0.01	148.62 -5.07 0.00	154.64 -4.78 0.00	169.79 -5.43 0.00	161.33 -5.16 0.00	171.08 -5.47 0.00	162.76 -5.39 0.00	153.39 -5.08 0.00	141.13 -4.44 -2.29	153.97 -5.42 0.00	162.65 -5.90 0.00	173.22 -6.29 0.00	227.98 -8.28 0.00	219.12 -7.95 0.00	182.62 -6.23 0.00	163.34 -6.09 0.00	148.80 -5.54 -0.37	97.68 -3.03 -3.13	93.25 -2.49 -3.21
NINE_MILE_2 23744	98.23 -2.56 -2.30	92.22 -2.40 -2.45	90.90 -2.27 -2.15	90.90 -2.27 -2.21	95.33 -2.59 -1.89	128.15 -3.96 -0.01	148.62 -5.07 0.00	154.64 -4.78 0.00	169.79 -5.43 0.00	161.33 -5.16 0.00	171.08 -5.47 0.00	162.76 -5.39 0.00	153.39 -5.08 0.00	141.13 -4.44 -2.28	154.13 -5.26 0.00	162.65 -5.90 0.00	173.22 -6.29 0.00	227.98 -8.28 0.00	219.12 -7.95 0.00	182.62 -6.23 0.00	163.49 -5.93 0.00	148.80 -5.54 -0.36	97.67 -3.03 -3.12	93.24 -2.49 -3.20
NM_CAPITAL___DRP 24208	148.97 4.43 -46.05	145.46 4.15 -49.15	138.12 4.10 -43.00	139.34 4.09 -44.29	138.25 4.32 -37.90	138.54 6.21 -0.23	159.83 6.15 0.00	165.79 6.38 0.00	182.59 7.36 0.00	173.65 7.16 0.00	183.97 7.42 0.00	175.54 7.40 0.00	166.07 7.61 0.00	168.08 6.73 -18.06	166.72 7.33 0.00	174.79 6.24 0.00	185.26 5.74 0.00	243.57 7.32 0.00	234.11 7.04 0.00	195.45 6.61 0.00	175.19 5.76 0.00	167.15 5.54 -7.64	164.09 3.71 -62.80	161.07 4.07 -64.46
NM_CENTRAL___DRP 24181	101.71 -0.10 -3.32	95.62 -0.09 -3.54	94.04 -0.09 -3.10	94.06 -0.09 -3.19	98.66 -0.10 -2.73	131.19 -0.92 -0.02	152.00 -1.69 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.50 -1.00 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.10 -1.00 -2.81	157.63 -1.75 0.00	166.53 -2.02 0.00	177.54 -1.97 0.00	233.65 -2.60 0.00	224.35 -2.72 0.00	187.14 -1.70 0.00	167.39 -2.03 0.00	152.85 -2.31 -1.19	101.44 -0.68 -4.55	97.02 -0.19 -4.67
NM_FRONTIER___DRP 24179	97.53 -6.50 -5.54	92.18 -5.90 -5.91	90.46 -5.73 -5.17	90.65 -5.64 -5.32	94.92 -5.67 -4.56	121.03 -11.10 -0.03	138.62 -15.06 0.00	143.16 -16.26 0.00	156.66 -18.57 0.00	148.35 -18.15 0.00	157.49 -19.07 0.00	148.65 -19.50 0.00	139.77 -18.70 0.00	130.24 -16.91 -3.86	139.63 -19.76 0.00	144.62 -23.93 0.00	154.21 -25.31 0.00	202.94 -33.31 0.00	194.61 -32.47 0.00	162.98 -25.87 0.00	145.03 -24.40 0.00	134.97 -20.63 -1.63	94.98 -10.05 -7.45	92.50 -7.68 -7.65
NM_ST_REGIS___HYD 24053	92.19 -6.30 0.00	86.27 -5.90 0.00	85.11 -5.92 0.00	84.96 -6.00 0.00	90.17 -5.86 0.00	124.70 -7.40 0.00	147.38 -6.30 0.00	152.72 -6.70 0.00	168.39 -6.83 0.00	160.33 -6.16 0.00	170.38 -6.18 0.00	162.09 -6.05 0.00	152.29 -6.18 0.00	138.27 -5.45 -0.42	153.49 -5.90 0.00	162.65 -5.90 0.00	173.05 -6.46 0.00	228.69 -7.56 0.00	219.81 -7.27 0.00	181.29 -7.55 0.00	162.99 -6.44 0.00	148.45 -5.70 -0.18	93.67 -3.90 0.00	87.26 -5.27 0.00

NORTHPORT___1 23551	146.07 10.44 -37.14	141.30 9.49 -39.64	134.72 9.01 -34.68	136.05 9.37 -35.72	141.19 9.99 -35.18	145.24 12.95 -0.19	164.76 11.07 0.00	173.13 13.71 0.00	190.47 15.24 0.00	182.52 15.49 -0.54	193.15 16.59 0.00	180.34 14.13 1.93	171.56 14.10 1.01	171.55 12.90 -15.36	173.19 14.35 0.55	180.97 13.49 1.07	195.84 15.08 -1.25	271.14 19.85 -15.05	246.15 19.08 0.00	205.68 16.80 -0.03	180.98 13.56 2.00	172.19 13.55 -4.67	157.66 9.46 -50.62	152.66 8.23 -51.89
NORTHPORT___2 23552	146.07 10.44 -37.14	141.30 9.49 -39.64	134.72 9.01 -34.68	136.05 9.37 -35.72	141.19 9.99 -35.18	145.24 12.95 -0.19	164.76 11.07 0.00	173.13 13.71 0.00	190.47 15.24 0.00	182.52 15.49 -0.54	193.15 16.59 0.00	180.34 14.13 1.93	171.56 14.10 1.01	171.55 12.90 -15.36	173.19 14.35 0.55	180.97 13.49 1.07	195.84 15.08 -1.25	271.14 19.85 -15.05	246.15 19.08 0.00	205.68 16.80 -0.03	180.98 13.56 2.00	172.19 13.55 -4.67	157.66 9.46 -50.62	152.66 8.23 -51.89
NORTHPORT___3 23553	144.89 9.26 -37.14	140.66 8.85 -39.64	133.99 8.28 -34.68	135.33 8.65 -35.72	140.62 9.42 -35.18	144.18 11.89 -0.19	162.60 8.91 0.00	170.90 11.48 0.00	188.01 12.78 0.00	179.85 12.82 -0.54	188.91 12.35 0.00	154.52 10.92 24.55	152.82 11.09 16.74	154.52 10.17 -1.06	154.52 11.15 16.02	154.52 10.28 24.31	154.52 11.32 36.31	266.18 14.89 -15.04	241.15 14.08 0.01	201.72 12.85 -0.03	154.52 10.51 25.42	154.52 10.48 9.92	152.82 7.12 -48.12	150.25 5.83 -51.88
NORTHPORT___4 23650	144.89 9.26 -37.14	140.66 8.85 -39.64	133.99 8.28 -34.68	135.33 8.65 -35.72	140.62 9.42 -35.18	144.18 11.89 -0.19	162.60 8.91 0.00	170.90 11.48 0.00	188.01 12.78 0.00	179.85 12.82 -0.54	188.91 12.35 0.00	154.52 10.92 24.55	152.82 11.09 16.74	154.52 10.17 -1.06	154.52 11.15 16.02	154.52 10.28 24.31	154.52 11.32 36.31	266.18 14.89 -15.04	241.15 14.08 0.01	201.72 12.85 -0.03	154.52 10.51 25.42	154.52 10.48 9.92	152.82 7.12 -48.12	150.25 5.83 -51.88
NORTHPORT___IC 23718	146.07 10.44 -37.14	141.30 9.49 -39.64	134.72 9.01 -34.68	136.05 9.37 -35.72	141.19 9.99 -35.18	145.24 12.95 -0.19	164.76 11.07 0.00	173.13 13.71 0.00	190.47 15.24 0.00	182.52 15.49 -0.54	193.15 16.59 0.00	180.34 14.13 1.93	171.56 14.10 1.01	171.55 12.90 -15.36	173.19 14.35 0.55	180.97 13.49 1.07	195.84 15.08 -1.25	271.14 19.85 -15.05	246.15 19.08 0.00	205.68 16.80 -0.03	180.98 13.56 2.00	172.19 13.55 -4.67	157.66 9.46 -50.62	152.66 8.23 -51.89
NORTH___COUNTRY_ESR 323785	95.24 -3.25 0.00	89.13 -3.04 0.00	88.11 -2.92 0.00	87.60 -3.36 0.00	93.05 -2.98 0.00	127.35 -4.75 0.00	147.69 -6.00 0.00	153.36 -6.06 0.00	169.27 -5.96 0.00	161.83 -4.66 0.00	171.80 -4.76 0.00	162.76 -5.39 0.00	154.20 -4.27 0.00	139.43 -3.86 0.00	155.24 -4.14 0.00	162.99 -5.56 0.00	173.22 -6.29 0.00	229.17 -7.08 0.00	220.48 -6.59 0.00	181.67 -7.18 0.00	163.34 -6.09 0.00	149.97 -4.00 0.00	94.74 -2.83 0.00	90.13 -2.41 0.00
NPX_GEN_1385_PROXY 323591	145.88 10.24 -37.14	141.02 9.22 -39.64	134.45 8.74 -34.68	135.78 9.10 -35.72	140.81 9.60 -35.18	143.77 11.49 -0.19	161.22 7.53 0.00	169.77 10.36 0.00	187.67 12.44 0.00	181.02 13.99 -0.54	191.20 14.65 0.00	178.48 12.27 1.93	169.83 12.37 1.01	170.25 11.60 -15.36	171.74 12.90 0.55	179.62 12.14 1.07	194.23 13.47 -1.25	269.24 17.95 -15.05	244.11 17.04 0.00	203.05 14.17 -0.03	178.78 11.35 2.00	171.91 11.86 -6.08	155.86 9.08 -49.21	152.38 7.96 -51.89
NPX_GEN_CSC 323557	146.86 11.22 -37.14	141.86 10.05 -39.64	135.00 9.29 -34.68	136.51 9.83 -35.72	141.96 10.75 -35.18	146.56 14.27 -0.19	165.82 12.14 0.00	174.07 14.66 0.00	191.53 16.30 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.76 16.49 2.87	172.98 16.17 1.66	172.82 14.76 -14.77	174.62 16.42 1.19	182.36 15.84 2.03	197.15 17.95 0.31	274.46 23.17 -15.04	250.00 22.93 0.00	209.28 20.40 -0.03	182.72 16.27 2.97	175.31 15.86 -5.48	157.22 10.54 -49.10	153.40 8.97 -51.89
NSINS_S_GLNS_FALLS 23858	152.01 6.20 -47.32	148.47 5.81 -50.50	140.85 5.64 -44.18	142.01 5.55 -45.50	140.82 5.86 -38.94	141.19 8.85 -0.24	165.67 11.99 0.00	172.49 13.07 0.00	185.74 10.51 0.00	176.15 9.66 0.00	186.62 10.06 0.00	177.90 9.75 0.00	168.61 10.14 0.00	170.67 8.88 -18.50	168.95 9.56 0.00	177.82 9.27 0.00	189.75 10.23 0.00	250.19 13.94 0.00	240.25 13.17 0.00	200.74 11.90 0.00	180.44 11.01 0.00	171.96 10.16 -7.83	170.29 8.20 -64.51	166.80 8.05 -66.21
NUCOR_STEEL___DRP 24197	104.04 1.08 -4.46	97.94 1.01 -4.76	96.20 1.00 -4.17	96.35 1.09 -4.29	100.85 1.15 -3.67	133.05 0.92 -0.02	154.76 1.08 0.00	161.49 2.07 0.00	177.33 2.10 0.00	168.33 1.83 0.00	178.50 1.94 0.00	169.83 1.68 0.00	159.89 1.43 0.00	147.81 1.15 -3.37	160.18 0.80 0.00	169.39 0.84 0.00	180.77 1.26 0.00	238.14 1.89 0.00	228.66 1.59 0.00	190.73 1.89 0.00	170.44 1.02 0.00	155.39 0.00 -1.42	104.43 0.68 -6.17	99.89 1.02 -6.33
NUMBER_THREE_WT_PWR 323818	100.79 0.88 -1.41	94.41 0.73 -1.51	92.90 0.55 -1.32	92.96 0.64 -1.36	98.15 0.96 -1.16	133.95 1.85 -0.01	156.92 3.23 0.00	163.40 3.99 0.00	180.13 4.90 0.00	170.33 3.83 0.00	181.14 4.58 0.00	172.18 4.03 0.00	162.12 3.65 0.00	148.05 3.58 -1.17	162.89 3.50 0.00	172.43 3.88 0.00	184.17 4.66 0.00	243.11 6.86 0.00	233.42 6.35 0.00	194.32 5.48 0.00	173.83 4.40 0.00	157.27 3.08 -0.23	101.36 1.85 -1.94	95.72 1.20 -1.99
NYISO_LBMP_REFERENCE 24008	98.49 0.00 0.00	92.16 0.00 0.00	91.03 0.00 0.00	90.96 0.00 0.00	96.03 0.00 0.00	132.10 0.00 0.00	153.69 0.00 0.00	159.41 0.00 0.00	175.23 0.00 0.00	166.49 0.00 0.00	176.56 0.00 0.00	168.15 0.00 0.00	158.47 0.00 0.00	143.29 0.00 0.00	159.39 0.00 0.00	168.55 0.00 0.00	179.51 0.00 0.00	236.25 0.00 0.00	227.07 0.00 0.00	188.84 0.00 0.00	169.43 0.00 0.00	153.97 0.00 0.00	97.58 0.00 0.00	92.54 0.00 0.00
NYPA_BRENTWD___GT 24164	147.25 11.62 -37.14	142.31 10.50 -39.64	135.63 9.92 -34.68	137.05 10.37 -35.72	142.34 11.13 -35.18	146.95 14.66 -0.19	166.74 13.06 0.00	175.20 15.79 0.00	192.92 17.69 0.00	184.67 17.64 -0.54	195.63 19.07 0.00	181.49 16.98 3.63	173.07 16.79 2.19	172.92 15.34 -14.29	174.74 17.06 1.71	182.08 16.34 2.82	196.26 18.32 1.58	275.63 24.34 -15.04	250.25 23.17 0.00	209.09 20.22 -0.03	182.28 16.61 3.76	173.55 16.01 -3.57	158.84 10.83 -50.43	153.77 9.34 -51.89
NYPA_GOWANUS___GT5 24156	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92
NYPA_GOWANUS___GT6 24157	146.39 10.74 -37.16	141.14 9.30 -39.67	134.75 9.01 -34.70	135.89 9.18 -35.74	136.41 9.80 -30.59	145.10 12.81 -0.20	166.91 13.22 -0.01	174.42 14.98 -0.02	191.90 16.66 -0.02	192.00 16.15 -9.36	193.17 16.59 -0.02	184.31 16.14 -0.02	177.22 15.85 -2.90	178.98 14.33 -21.36	178.22 15.78 -3.05	200.47 15.84 -16.08	213.98 16.87 -17.60	318.06 22.46 -59.35	248.68 21.58 -0.02	207.85 18.88 -0.12	185.71 16.27 -0.02	175.22 15.25 -6.01	163.10 10.15 -55.38	153.25 8.80 -51.92

NYPA_HARLEM__RVR__GT1 24160	145.41 9.75 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	173.78 14.35 -0.01	191.01 15.78 -0.01	182.86 15.15 -1.22	192.27 15.71 -0.01	183.46 15.30 -0.01	174.55 15.06 -1.02	177.39 13.62 -20.48	177.00 14.98 -2.64	185.48 14.84 -2.09	210.28 15.61 -15.16	307.68 20.32 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.69 15.25 -0.01	174.35 14.32 -6.06	158.62 9.76 -51.29	152.50 8.05 -51.92
NYPA_HARLEM__RVR__GT2 24161	145.41 9.75 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	173.78 14.35 -0.01	191.01 15.78 -0.01	182.86 15.15 -1.22	192.27 15.71 -0.01	183.46 15.30 -0.01	174.55 15.06 -1.02	177.39 13.62 -20.48	177.00 14.98 -2.64	185.48 14.84 -2.09	210.28 15.61 -15.16	307.68 20.32 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.69 15.25 -0.01	174.35 14.32 -6.06	158.62 9.76 -51.29	152.50 8.05 -51.92
NYPA_KENT____GT 24152	146.09 10.44 -37.16	140.87 9.04 -39.67	134.47 8.74 -34.70	135.71 9.01 -35.74	136.12 9.51 -30.59	144.85 12.56 -0.20	166.61 12.91 -0.01	174.26 14.83 -0.02	191.54 16.30 -0.02	191.68 15.83 -9.36	193.00 16.42 -0.02	183.97 15.80 -0.02	177.06 15.69 -2.90	178.70 14.05 -21.36	177.89 15.46 -3.05	200.13 15.50 -16.08	213.62 16.50 -17.60	317.33 21.72 -59.35	247.75 20.66 -0.02	207.28 18.31 -0.12	185.20 15.76 -0.02	174.91 14.93 -6.01	162.91 9.96 -55.38	152.96 8.51 -51.92
NYPA_POUCH1____GT 24155	146.20 10.54 -37.16	140.96 9.13 -39.67	134.56 8.83 -34.70	135.80 9.10 -35.74	136.31 9.69 -30.59	144.85 12.56 -0.20	166.61 12.91 -0.01	173.79 14.35 -0.02	191.02 15.78 -0.02	191.16 15.31 -9.36	192.28 15.71 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.81 15.18 -16.08	213.28 16.16 -17.60	317.33 21.72 -59.35	247.75 20.66 -0.02	207.28 18.31 -0.12	185.20 15.76 -0.02	174.76 14.78 -6.01	162.71 9.76 -55.38	153.06 8.61 -51.92
NYPA_VERNON____GT2 24162	145.71 10.05 -37.17	140.68 8.85 -39.67	134.29 8.55 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	174.09 14.66 -0.02	191.19 15.94 -0.02	191.34 15.49 -9.36	192.64 16.06 -0.02	183.63 15.46 -0.02	176.74 15.37 -2.90	178.41 13.76 -21.36	177.59 15.15 -3.05	199.63 15.00 -16.08	213.08 15.97 -17.60	316.62 21.02 -59.35	247.08 19.99 -0.02	206.71 17.75 -0.12	184.86 15.42 -0.02	174.44 14.47 -6.01	162.81 9.85 -55.38	152.79 8.33 -51.92
NYPA_VERNON____GT3 24163	145.71 10.05 -37.17	140.68 8.85 -39.67	134.29 8.55 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	174.09 14.66 -0.02	191.19 15.94 -0.02	191.34 15.49 -9.36	192.64 16.06 -0.02	183.63 15.46 -0.02	176.74 15.37 -2.90	178.41 13.76 -21.36	177.59 15.15 -3.05	199.63 15.00 -16.08	213.08 15.97 -17.60	316.62 21.02 -59.35	247.08 19.99 -0.02	206.71 17.75 -0.12	184.86 15.42 -0.02	174.44 14.47 -6.01	162.81 9.85 -55.38	152.79 8.33 -51.92
NYPA__ASTORIA_CC1 323568	145.71 10.05 -37.16	140.68 8.85 -39.67	134.29 8.55 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.02	191.00 15.15 -9.36	192.47 15.90 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.72 15.61 -17.60	316.15 20.54 -59.35	246.84 19.75 -0.02	206.33 17.36 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.71 9.76 -55.38	152.69 8.23 -51.92
NYPA__ASTORIA_CC2 323569	145.71 10.05 -37.16	140.68 8.85 -39.67	134.29 8.55 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.02	191.00 15.15 -9.36	192.47 15.90 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.72 15.61 -17.60	316.15 20.54 -59.35	246.84 19.75 -0.02	206.33 17.36 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.71 9.76 -55.38	152.69 8.23 -51.92
NYPA__HOLTSVILL 23794	146.56 10.93 -37.14	141.67 9.87 -39.64	135.00 9.29 -34.68	136.42 9.74 -35.72	141.67 10.47 -35.18	146.02 13.74 -0.19	165.22 11.53 0.00	173.28 13.86 0.00	190.82 15.59 0.00	182.68 15.65 -0.54	193.68 17.12 0.00	180.77 15.30 2.68	172.16 15.21 1.53	172.08 13.90 -14.89	173.79 15.46 1.06	181.37 14.66 1.83	196.03 16.50 -0.01	273.02 21.72 -15.04	247.95 20.88 0.00	207.39 18.52 -0.03	181.57 14.91 2.77	173.09 14.93 -4.19	158.26 10.15 -50.54	153.12 8.70 -51.89
NYPA__HELLGATE_GT1 24158	145.41 9.75 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	173.79 14.35 -0.02	191.01 15.78 -0.01	195.87 15.15 -14.22	192.27 15.71 -0.01	183.46 15.30 -0.02	177.38 15.06 -3.85	177.39 13.62 -20.48	177.00 14.98 -2.64	207.82 14.84 -24.44	210.28 15.61 -15.16	307.68 20.32 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.69 15.25 -0.01	174.23 14.32 -5.94	166.80 9.76 -59.46	152.50 8.05 -51.92
NYPA__HELLGATE_GT2 24159	145.41 9.75 -37.16	140.59 8.76 -39.67	134.29 8.55 -34.70	135.52 8.82 -35.74	135.93 9.31 -30.59	144.58 12.29 -0.20	165.83 12.14 -0.01	173.79 14.35 -0.02	191.01 15.78 -0.01	195.87 15.15 -14.22	192.27 15.71 -0.01	183.46 15.30 -0.02	177.38 15.06 -3.85	177.39 13.62 -20.48	177.00 14.98 -2.64	207.82 14.84 -24.44	210.28 15.61 -15.16	307.68 20.32 -51.11	246.62 19.53 -0.01	206.32 17.36 -0.11	184.69 15.25 -0.01	174.23 14.32 -5.94	166.80 9.76 -59.46	152.50 8.05 -51.92
NYS_BARGE__HYD 23848	99.48 -4.43 -5.41	93.89 -4.05 -5.78	92.17 -3.91 -5.06	92.35 -3.82 -5.21	96.83 -3.65 -4.46	124.60 -7.52 -0.03	143.39 -10.30 0.00	148.57 -10.85 0.00	162.45 -12.78 0.00	153.84 -12.66 0.00	163.13 -13.43 0.00	152.52 -15.63 0.00	143.26 -15.21 0.00	133.06 -14.04 -3.80	143.30 -16.09 0.00	148.15 -20.40 0.00	157.97 -21.55 0.00	208.14 -28.12 0.00	199.82 -27.26 0.00	167.88 -20.97 0.00	148.75 -20.68 0.00	136.65 -18.17 -0.85	96.56 -8.29 -7.27	93.89 -6.11 -7.47
OAK_ORCHARD__HYD 24046	101.91 -1.08 -4.50	95.86 -1.10 -4.80	94.23 -1.00 -4.20	94.38 -0.91 -4.32	98.95 -0.77 -3.70	129.75 -2.37 -0.02	148.92 -4.77 0.00	155.27 -4.15 0.00	169.98 -5.25 0.00	161.16 -5.33 0.00	171.08 -5.47 0.00	161.59 -6.56 0.00	151.82 -6.65 0.00	141.84 -4.87 -3.42	152.06 -7.33 0.00	158.77 -9.78 0.00	169.82 -9.70 0.00	223.72 -12.53 0.00	214.81 -12.27 0.00	179.78 -9.06 0.00	159.78 -9.65 0.00	147.28 -7.39 -0.70	100.90 -2.63 -5.95	96.98 -1.66 -6.11
OAKDALE__35_KV_LOAD 356122	112.02 1.48 -12.05	106.59 1.57 -12.86	103.82 1.55 -11.25	104.09 1.55 -11.59	107.67 1.73 -9.91	134.14 1.98 -0.06	155.68 2.00 0.00	162.13 2.71 0.00	178.03 2.80 0.00	168.83 2.33 0.00	179.03 2.47 0.00	170.33 2.19 0.00	160.53 2.06 0.00	150.75 1.00 -6.45	160.98 1.59 0.00	169.56 1.01 0.00	180.77 1.26 0.00	237.91 1.65 0.00	228.67 1.59 0.00	190.92 2.08 0.00	170.61 1.19 0.00	156.55 -0.15 -2.73	114.82 0.78 -16.46	110.54 1.11 -16.90
OCC_CHEM__DRP 24175	97.73 -6.30 -5.54	92.37 -5.71 -5.92	90.65 -5.55 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.43 -10.70 -0.03	139.09 -14.60 0.00	143.64 -15.78 0.00	157.18 -18.05 0.00	148.85 -17.65 0.00	158.02 -18.54 0.00	149.15 -19.00 0.00	140.25 -18.22 0.00	130.67 -16.48 -3.86	140.10 -19.29 0.00	144.95 -23.60 0.00	154.57 -24.95 0.00	203.65 -32.60 0.00	195.29 -31.79 0.00	163.54 -25.30 0.00	145.37 -24.06 0.00	135.28 -20.32 -1.63	95.18 -9.86 -7.46	92.79 -7.40 -7.66

OH_GEN_PROXY 24063	84.37 -5.22 8.90	80.63 -4.70 6.84	78.62 -4.55 7.86	75.28 -4.46 11.23	76.24 -4.42 15.37	99.01 -8.58 24.50	125.00 -12.14 16.54	135.48 -12.91 11.03	129.25 -15.25 30.73	111.36 -14.82 40.32	105.78 -15.71 55.06	95.36 -16.31 56.48	91.06 -15.85 51.56	87.13 -14.19 41.97	86.83 -16.58 55.98	108.00 -20.57 39.98	133.27 -21.91 24.34	147.70 -28.83 59.72	144.77 -27.71 54.59	134.35 -21.34 33.15	125.00 -20.68 23.75	111.05 -18.17 24.75	92.41 -8.20 -3.03	93.79 -6.30 -7.55
OLIN_CORP_DRP 24177	98.08 -6.01 -5.60	92.61 -5.53 -5.97	90.97 -5.28 -5.23	91.16 -5.18 -5.38	95.45 -5.19 -4.61	122.22 -9.91 -0.03	140.32 -13.37 0.00	144.91 -14.51 -0.01	158.59 -16.65 -0.01	150.18 -16.32 -0.01	159.44 -17.13 -0.01	149.99 -18.16 -0.01	141.04 -17.43 -0.01	131.12 -16.05 -3.88	141.06 -18.33 -0.01	145.97 -22.59 0.00	155.64 -23.88 -0.01	205.07 -31.19 -0.01	196.65 -30.43 -0.01	164.68 -24.17 -0.01	146.39 -23.04 0.00	135.75 -19.86 -1.64	95.55 -9.56 -7.54	93.05 -7.22 -7.74
OLIN_CORP_DSASP 323712	97.73 -6.31 -5.54	92.37 -5.71 -5.92	90.65 -5.56 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.82 -10.30 -0.03	139.08 -14.60 0.00	143.80 -15.62 0.00	157.19 -18.04 0.00	148.85 -17.65 0.00	158.03 -18.54 0.00	149.15 -19.00 0.00	140.09 -18.38 0.00	130.68 -16.47 -3.86	140.10 -19.29 0.00	144.79 -23.76 0.00	154.21 -25.31 0.00	202.95 -33.30 0.00	195.07 -32.01 0.00	163.92 -24.93 0.00	145.37 -24.06 0.00	134.21 -20.63 -0.87	95.28 -9.76 -7.46	92.52 -7.68 -7.66
ONEIDA_HERK_LFGE 323681	102.84 3.06 -1.29	96.40 2.86 -1.38	94.78 2.55 -1.20	94.84 2.64 -1.24	100.07 2.98 -1.06	136.46 4.35 -0.01	159.21 5.52 0.00	165.95 6.54 0.00	182.93 7.70 0.00	173.16 6.67 0.00	183.97 7.41 0.00	175.21 7.06 0.00	165.12 6.65 0.00	150.34 6.02 -1.03	165.44 6.06 0.00	174.95 6.40 0.00	186.51 6.99 0.00	245.94 9.69 0.00	236.17 9.09 0.00	196.59 7.75 0.00	176.03 6.60 0.00	159.56 5.39 -0.21	102.85 3.51 -1.77	97.50 3.15 -1.81
ONEIDA___115KV_TB4 55905	105.09 4.33 -2.27	98.64 4.06 -2.42	96.97 3.82 -2.12	97.06 3.91 -2.18	102.12 4.23 -1.87	138.19 6.08 -0.01	160.91 7.22 0.00	167.70 8.29 0.00	184.69 9.46 0.00	174.99 8.49 0.00	185.91 9.36 0.00	177.06 8.91 0.00	167.02 8.56 0.00	152.51 7.45 -1.77	167.20 7.81 0.00	176.64 8.09 0.00	188.13 8.62 0.00	247.59 11.34 0.00	237.52 10.45 0.00	197.91 9.06 0.00	177.22 7.79 0.00	161.03 6.31 -0.75	104.98 4.29 -3.11	99.89 4.16 -3.19
ONONDAGA_REF_OCCRA 23987	103.10 0.49 -4.11	97.02 0.46 -4.39	95.32 0.46 -3.84	95.37 0.45 -3.96	99.89 0.48 -3.38	132.12 0.00 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.73 0.18 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.46 0.00 -3.17	158.91 -0.48 0.00	167.88 -0.67 0.00	179.15 -0.36 0.00	235.78 -0.47 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.23 -1.08 -1.34	103.22 0.00 -5.64	98.70 0.37 -5.79
ONONDAGA___COGEN 23986	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36
ONTARIO___LFGE 23819	104.06 0.20 -5.37	98.18 0.28 -5.74	96.32 0.27 -5.02	96.40 0.27 -5.17	101.03 0.58 -4.42	131.99 -0.13 -0.03	157.53 3.84 0.00	164.52 5.10 0.00	180.13 4.90 0.00	170.66 4.16 0.00	180.97 4.42 0.00	172.02 3.87 0.00	161.64 3.17 0.00	149.04 1.58 -4.18	161.93 2.54 0.00	171.08 2.53 0.00	182.92 3.40 0.00	241.22 4.97 0.00	232.07 4.99 0.00	194.12 5.28 0.00	172.64 3.21 0.00	154.70 -0.31 -1.03	107.19 0.78 -8.83	102.80 1.20 -9.07
ORANGEVILLE_WT_PWR 323706	102.23 -3.05 -6.79	96.83 -2.58 -7.25	94.82 -2.55 -6.34	95.04 -2.45 -6.53	99.31 -2.31 -5.59	126.71 -5.42 -0.03	148.46 -5.23 0.00	153.84 -5.58 -0.01	168.04 -7.19 -0.01	159.18 -7.32 -0.01	168.80 -7.76 -0.01	159.58 -8.57 -0.01	150.23 -8.25 -0.01	138.35 -9.31 -4.37	150.31 -9.08 -0.01	156.41 -12.14 0.00	166.42 -13.10 -0.01	219.24 -17.01 -0.01	210.73 -16.35 -0.01	177.14 -11.71 -0.01	157.23 -12.20 0.00	142.27 -12.78 -1.08	101.47 -5.37 -9.26	98.24 -3.80 -9.50
ORANGEVILLE___ESR 323794	102.23 -3.05 -6.79	96.83 -2.58 -7.25	94.82 -2.55 -6.34	95.04 -2.45 -6.53	99.31 -2.31 -5.59	126.71 -5.42 -0.03	148.46 -5.23 0.00	153.84 -5.58 -0.01	168.04 -7.19 -0.01	159.18 -7.32 -0.01	168.80 -7.76 -0.01	159.58 -8.57 -0.01	150.23 -8.25 -0.01	138.35 -9.31 -4.37	150.31 -9.08 -0.01	156.41 -12.14 0.00	166.42 -13.10 -0.01	219.24 -17.01 -0.01	210.73 -16.35 -0.01	177.14 -11.71 -0.01	157.23 -12.20 0.00	142.27 -12.78 -1.08	101.47 -5.37 -9.26	98.24 -3.80 -9.50
OSWEGATCHIE___HYD 24044	95.28 -4.23 -1.02	89.29 -3.96 -1.09	87.88 -4.09 -0.95	87.94 -4.00 -0.98	92.92 -3.94 -0.84	127.35 -4.75 -0.01	150.30 -3.38 0.00	156.23 -3.19 0.00	172.08 -3.15 0.00	163.17 -3.33 0.00	173.38 -3.17 0.00	164.95 -3.20 0.00	155.13 -3.34 0.00	141.42 -2.73 -0.86	156.03 -3.35 0.00	165.52 -3.03 0.00	176.63 -2.88 0.00	233.17 -3.08 0.00	224.12 -2.96 0.00	185.81 -3.03 0.00	166.55 -2.88 0.00	150.89 -3.24 -0.16	96.73 -2.24 -1.39	90.54 -3.42 -1.43
OSWEGO___5 23606	99.39 -1.77 -2.67	93.36 -1.66 -2.85	91.97 -1.55 -2.49	91.98 -1.55 -2.57	96.50 -1.73 -2.20	129.21 -2.91 -0.01	149.85 -3.84 0.00	156.06 -3.36 0.00	171.37 -3.86 0.00	162.83 -3.66 0.00	172.67 -3.89 0.00	164.29 -3.86 0.00	154.83 -3.64 0.00	142.59 -3.15 -2.45	155.41 -3.98 0.00	164.01 -4.54 0.00	174.84 -4.67 0.00	230.11 -6.14 0.00	221.17 -5.91 0.00	184.31 -4.53 0.00	164.86 -4.57 0.00	150.08 -4.31 -0.42	99.06 -2.15 -3.63	94.60 -1.66 -3.73
OSWEGO___6 23613	99.39 -1.77 -2.67	93.36 -1.66 -2.85	91.97 -1.55 -2.49	91.98 -1.55 -2.57	96.50 -1.73 -2.20	129.21 -2.91 -0.01	149.85 -3.84 0.00	156.06 -3.36 0.00	171.37 -3.86 0.00	162.83 -3.66 0.00	172.67 -3.89 0.00	164.29 -3.86 0.00	154.83 -3.64 0.00	142.59 -3.15 -2.45	155.41 -3.98 0.00	164.01 -4.54 0.00	174.84 -4.67 0.00	230.11 -6.14 0.00	221.17 -5.91 0.00	184.31 -4.53 0.00	164.86 -4.57 0.00	150.08 -4.31 -0.42	99.06 -2.15 -3.63	94.60 -1.66 -3.73
OUTOKUMPU-AB___DRP 24206	100.30 -3.84 -5.65	94.78 -3.41 -6.03	93.02 -3.28 -5.27	93.21 -3.18 -5.43	97.70 -2.98 -4.65	125.65 -6.47 -0.03	144.62 -9.07 0.00	149.54 -9.88 -0.01	163.67 -11.57 -0.01	155.18 -11.32 -0.01	164.73 -11.83 -0.01	155.20 -12.95 -0.01	145.80 -12.68 -0.01	134.87 -12.32 -3.90	145.68 -13.71 -0.01	150.52 -18.03 0.00	160.67 -18.85 -0.01	211.69 -24.57 -0.01	203.01 -24.07 -0.01	169.96 -18.88 -0.01	150.96 -18.47 0.00	139.45 -16.17 -1.65	97.96 -7.22 -7.61	95.26 -5.09 -7.81
OXBOW___BTM 323836	99.26 -4.82 -5.60	93.81 -4.33 -5.97	92.07 -4.19 -5.23	92.25 -4.09 -5.38	96.69 -3.94 -4.61	123.94 -8.19 -0.03	142.31 -11.37 0.00	147.30 -12.12 -0.01	161.05 -14.19 -0.01	152.51 -13.99 -0.01	161.91 -14.65 -0.01	152.69 -15.47 -0.01	143.41 -15.06 -0.01	133.13 -14.04 -3.88	143.45 -15.94 -0.01	148.15 -20.40 0.00	157.61 -21.91 -0.01	207.66 -28.59 -0.01	199.60 -27.48 -0.01	167.70 -21.15 -0.01	148.58 -20.85 0.00	136.84 -18.01 -0.88	96.92 -8.20 -7.54	94.07 -6.20 -7.74

OXBOW____ 24026	99.26 -4.83 -5.60	93.81 -4.33 -5.97	92.07 -4.19 -5.23	92.25 -4.09 -5.38	96.70 -3.94 -4.61	123.80 -8.32 -0.03	142.31 -11.37 0.00	146.99 -12.43 -0.01	161.04 -14.19 -0.01	152.51 -13.99 -0.01	161.91 -14.65 -0.01	152.68 -15.47 -0.01	143.58 -14.90 -0.01	133.13 -14.04 -3.88	143.45 -15.94 -0.01	148.32 -20.23 0.00	158.16 -21.36 -0.01	208.38 -27.88 -0.01	199.83 -27.25 -0.01	167.32 -21.53 -0.01	148.59 -20.84 0.00	137.90 -17.71 -1.64	96.82 -8.29 -7.54	94.26 -6.01 -7.74
OXY_CHEM_DSASP 323612	97.73 -6.30 -5.54	92.37 -5.71 -5.92	90.65 -5.55 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.43 -10.70 -0.03	139.09 -14.60 0.00	143.64 -15.78 0.00	157.18 -18.05 0.00	148.85 -17.65 0.00	158.02 -18.54 0.00	149.15 -19.00 0.00	140.25 -18.22 0.00	130.67 -16.48 -3.86	140.10 -19.29 0.00	144.95 -23.60 0.00	154.57 -24.95 0.00	203.65 -32.60 0.00	195.29 -31.79 0.00	163.54 -25.30 0.00	145.37 -24.06 0.00	135.28 -20.32 -1.63	95.18 -9.86 -7.46	92.79 -7.40 -7.66
OZONE_PARK_ESR 323760	145.89 10.24 -37.15	140.76 8.94 -39.66	134.28 8.56 -34.69	135.52 8.82 -35.73	136.01 9.41 -30.58	144.84 12.55 -0.19	166.60 12.91 -0.01	174.89 15.46 -0.02	192.24 17.00 -0.01	190.69 16.48 -7.71	193.34 16.77 -0.01	184.47 16.31 -0.02	177.06 16.16 -2.43	178.38 14.62 -20.47	178.11 16.10 -2.63	197.82 16.01 -13.26	211.72 17.05 -15.15	309.32 21.97 -51.10	248.43 21.35 -0.01	207.64 18.70 -0.10	185.54 16.10 -0.01	175.62 15.24 -6.41	162.26 10.15 -54.53	152.96 8.51 -51.91
PACKARD_115_KV_ADAMS_187_REV_LBMP_A 345013	97.73 -6.30 -5.54	92.37 -5.71 -5.92	90.65 -5.55 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.43 -10.70 -0.03	139.09 -14.60 0.00	143.64 -15.78 0.00	157.18 -18.05 0.00	148.85 -17.65 0.00	158.02 -18.54 0.00	149.15 -19.00 0.00	140.25 -18.22 0.00	130.67 -16.48 -3.86	140.10 -19.29 0.00	144.95 -23.60 0.00	154.57 -24.95 0.00	203.65 -32.60 0.00	195.29 -31.79 0.00	163.54 -25.30 0.00	145.37 -24.06 0.00	135.28 -20.32 -1.63	95.18 -9.86 -7.46	92.79 -7.40 -7.66
PACKARD__115KV_DUPONT_184 80571	97.73 -6.30 -5.54	92.37 -5.71 -5.92	90.65 -5.55 -5.18	90.84 -5.46 -5.33	95.12 -5.47 -4.56	121.43 -10.70 -0.03	139.09 -14.60 0.00	143.64 -15.78 0.00	157.18 -18.05 0.00	148.85 -17.65 0.00	158.02 -18.54 0.00	149.15 -19.00 0.00	140.25 -18.22 0.00	130.67 -16.48 -3.86	140.10 -19.29 0.00	144.95 -23.60 0.00	154.57 -24.95 0.00	203.65 -32.60 0.00	195.29 -31.79 0.00	163.54 -25.30 0.00	145.37 -24.06 0.00	135.28 -20.32 -1.63	95.18 -9.86 -7.46	92.79 -7.40 -7.66
PARKCHTR_138_KV_TB2S_REV_LBMP_J 345007	145.31 9.65 -37.16	140.59 8.76 -39.67	134.29 8.56 -34.70	135.44 8.73 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	165.99 12.29 -0.01	172.97 13.55 -0.01	189.96 14.72 -0.02	181.19 14.15 -0.54	191.23 14.65 -0.02	182.45 14.29 -0.01	173.44 14.10 -0.87	176.52 12.75 -20.48	176.05 14.03 -2.64	183.30 13.82 -0.93	209.03 14.36 -15.16	306.03 18.66 -51.11	245.26 18.17 -0.02	204.83 15.86 -0.12	183.68 14.23 -0.02	173.40 13.09 -6.35	157.51 9.07 -50.86	152.60 8.14 -51.92
PARKCHTR_13_KV_CPCTY_REV_LBMP_J 345019	146.79 11.13 -37.16	141.97 10.14 -39.67	135.56 9.83 -34.70	136.80 10.10 -35.74	137.27 10.66 -30.59	146.56 12.42 -0.20	167.99 14.29 -0.01	175.05 15.62 -0.01	192.24 17.00 -0.02	183.52 16.48 -0.54	193.35 16.77 -0.02	184.47 16.31 -0.01	175.34 16.01 -0.87	178.10 14.33 -20.48	177.80 15.78 -2.64	185.16 15.68 -0.93	211.19 16.52 -15.16	308.86 21.50 -51.11	247.98 20.89 -0.02	207.28 18.32 -0.12	185.71 16.27 -0.02	175.41 15.09 -6.35	158.68 10.25 -50.86	153.80 9.35 -51.92
PATROON__115KV_TB1 80586	149.39 4.63 -46.27	145.79 4.24 -49.38	138.51 4.28 -43.20	139.64 4.18 -44.50	138.52 4.42 -38.08	138.81 6.47 -0.23	160.14 6.45 0.00	166.27 6.85 0.00	183.11 7.89 0.00	174.15 7.66 0.00	184.33 7.77 0.00	176.05 7.90 0.00	166.39 7.92 0.00	168.45 7.02 -18.14	167.04 7.65 0.00	175.12 6.57 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.36 5.93 0.00	167.49 5.85 -7.67	164.48 3.81 -63.10	161.46 4.16 -64.76
PAVMNTRD_115_KV_BK1_REV_LBMP_A 345030	99.79 -4.83 -6.13	94.37 -4.33 -6.54	92.56 -4.19 -5.72	92.76 -4.09 -5.89	97.13 -3.94 -5.04	129.22 -2.91 -0.03	150.15 -3.53 0.00	154.80 -4.62 -0.01	169.45 -5.78 -0.01	160.51 -5.99 -0.01	170.21 -6.36 -0.01	161.26 -6.89 -0.01	151.66 -6.81 -0.01	135.21 -12.18 -4.10	151.90 -7.49 -0.01	157.43 -11.12 0.00	167.85 -11.67 -0.01	220.67 -15.59 -0.01	211.64 -15.44 -0.01	177.33 -11.52 -0.01	157.91 -11.52 0.00	139.69 -16.01 -1.73	98.54 -7.32 -8.29	95.58 -5.46 -8.51
PAWLING_115_KV_BK3_REV_LBMP_H 345028	146.03 10.05 -37.49	140.94 8.76 -40.02	134.50 8.47 -35.01	135.75 8.73 -36.06	135.81 8.93 -30.85	144.31 12.02 -0.19	166.13 12.45 0.00	174.24 14.83 0.00	191.70 16.47 0.00	183.48 16.98 0.00	194.39 17.83 0.00	185.13 16.98 0.00	175.11 16.64 0.00	173.53 14.90 -15.33	175.80 16.42 0.00	185.07 16.52 0.00	197.28 17.77 0.00	259.40 23.15 0.00	249.56 22.48 0.00	208.29 19.45 0.00	186.37 16.94 0.00	176.16 15.70 -6.48	159.88 10.34 -51.96	154.66 8.79 -53.33
PEEKSKILL____ 23653	143.50 8.27 -36.73	138.65 7.28 -39.21	132.34 7.01 -34.30	133.57 7.28 -35.33	133.84 7.58 -30.23	142.20 9.91 -0.19	163.53 9.84 0.00	171.52 12.11 0.00	188.38 13.15 0.00	179.54 12.65 -0.40	189.81 13.25 0.00	180.92 12.77 0.00	171.55 12.83 -0.25	170.79 11.47 -16.03	172.56 12.59 -0.58	181.54 12.30 -0.69	195.80 12.93 -3.35	264.33 16.78 -11.30	242.97 15.89 0.00	203.41 14.54 -0.03	181.79 12.36 0.00	171.67 11.86 -5.85	155.95 8.20 -50.17	150.57 6.75 -51.28
PGE MADISON__WINDPWR 24146	122.42 12.21 -11.71	116.00 11.33 -12.50	112.61 10.65 -10.94	112.95 10.73 -11.27	117.38 11.71 -9.64	148.40 16.24 -0.06	174.74 21.06 0.00	182.86 23.44 0.00	201.50 26.28 0.00	189.31 22.81 0.00	201.27 24.72 0.00	191.18 23.04 0.00	180.34 21.88 0.00	168.65 19.06 -6.30	179.31 19.92 0.00	189.62 21.07 0.00	202.68 23.17 0.00	268.87 32.61 0.00	258.19 31.11 0.00	215.85 27.00 0.00	192.47 23.04 0.00	174.16 18.31 -1.87	125.80 12.20 -16.03	120.46 11.47 -16.45
PIERCEFIELD__HYD 23852	91.30 -7.19 0.00	85.44 -6.73 0.00	84.20 -6.83 0.00	84.14 -6.82 0.00	89.21 -6.82 0.00	123.64 -8.45 0.00	147.08 -6.61 0.00	152.24 -7.17 0.00	167.69 -7.53 0.00	159.50 -6.99 0.00	169.49 -7.06 0.00	161.25 -6.89 0.00	151.50 -6.97 0.00	137.59 -6.16 -0.46	152.69 -6.69 0.00	162.15 -6.40 0.00	172.51 -7.00 0.00	227.98 -8.27 0.00	219.13 -7.95 0.00	180.91 -7.93 0.00	162.65 -6.78 0.00	148.01 -6.16 -0.20	93.28 -4.29 0.00	86.43 -6.11 0.00
PINELAWN_CC_1 323563	146.86 11.22 -37.14	141.95 10.14 -39.64	135.18 9.47 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.43 14.14 -0.19	166.60 12.91 0.00	175.20 15.79 0.00	192.75 17.52 0.00	184.35 17.31 -0.54	195.09 18.53 0.00	183.12 16.81 1.84	174.01 16.48 0.94	173.89 15.18 -15.42	175.64 16.73 0.48	183.76 16.18 0.97	198.70 17.78 -1.41	274.92 23.62 -15.05	249.56 22.49 0.00	208.70 19.82 -0.03	183.79 16.27 1.90	174.41 15.71 -4.73	158.75 10.54 -50.63	153.40 8.97 -51.89
PJM_GEN_HTP_PROXY 323702	144.80 9.16 -37.15	139.83 8.01 -39.65	133.45 7.73 -34.69	134.70 8.01 -35.73	135.05 8.45 -30.57	143.51 11.22 -0.19	164.90 11.21 0.00	173.29 13.86 -0.01	190.31 15.07 -0.01	186.86 14.48 -5.89	191.57 15.00 -0.01	182.78 14.62 -0.01	174.78 14.42 -1.89	175.81 13.04 -19.48	175.89 14.35 -2.16	192.83 14.16 -10.12	206.84 14.89 -12.44	297.32 19.13 -41.94	245.26 18.17 -0.01	205.35 16.42 -0.09	183.49 14.05 -0.01	174.74 13.39 -7.39	159.03 9.27 -52.18	151.93 7.49 -51.90

PJM_GEN_KEystone	123.40	118.35	114.08	114.83	116.96	133.93	155.38	162.12	177.50	169.18	178.50	169.83	160.64	154.57	161.21	169.55	181.40	241.00	226.40	190.00	169.43	158.07	128.44	125.21
24065	2.27	2.03	1.91	2.09	2.30	1.71	1.69	2.71	2.27	2.01	1.95	1.68	1.91	0.58	1.43	-0.17	-0.36	-0.71	-0.68	1.14	0.00	-0.92	1.18	1.11
	-22.64	-24.16	-21.14	-21.77	-18.63	-0.11	0.00	0.00	0.00	-0.68	0.00	0.00	-0.26	-10.71	-0.39	-1.17	-2.25	-5.46	0.00	-0.02	0.00	-5.02	-29.69	-31.56
PJM_GEN_NEPTUNE_PROXY	145.48	140.57	133.99	135.33	140.52	144.43	164.76	173.13	190.30	182.02	192.27	182.61	173.37	173.05	174.66	183.30	199.06	270.90	245.70	205.50	183.48	175.00	156.27	152.10
323594	9.85	8.76	8.28	8.65	9.31	12.15	11.07	13.71	15.07	14.99	15.71	14.46	14.57	13.17	14.50	13.82	15.08	19.60	18.62	16.62	14.05	13.70	9.27	7.68
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	0.00	-0.34	-16.59	-0.78	-0.92	-4.46	-15.05	0.00	-0.03	0.00	-7.33	-49.42	-51.89
PJM_GEN_VFT_PROXY	144.41	139.47	133.09	134.33	134.67	142.98	164.29	172.82	189.43	188.02	190.86	181.95	174.67	176.08	175.55	195.12	208.68	275.16	244.33	204.61	182.66	174.15	159.67	151.47
323633	8.76	7.65	7.37	7.64	8.07	10.70	10.60	13.39	14.19	13.81	14.29	13.79	13.78	12.32	13.54	13.31	14.01	18.19	17.25	15.67	13.22	12.77	8.97	7.03
	-37.15	-39.66	-34.69	-35.73	-30.58	-0.19	-0.01	-0.02	-0.01	-7.71	-0.01	-0.02	-2.43	-20.47	-2.63	-13.26	-15.15	-20.71	-0.01	-0.10	-0.01	-7.40	-53.12	-51.91
PLATSBURG_115KV_PMLD1	96.52	90.23	89.30	88.69	94.30	128.53	147.38	153.20	169.09	162.00	171.97	163.61	155.30	140.14	156.04	162.82	172.69	228.93	220.26	181.48	162.99	150.58	95.43	91.33
355749	-1.97	-1.94	-1.73	-2.27	-1.73	-3.57	-6.30	-6.22	-6.13	-4.50	-4.59	-4.54	-3.17	-3.15	-3.35	-5.73	-6.82	-7.32	-6.81	-7.36	-6.44	-3.39	-2.15	-1.20
	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
PLEASANTVLY___LBMP	145.02	140.50	134.04	135.16	135.14	141.41	162.29	169.62	186.44	177.48	187.68	179.08	169.40	168.90	170.22	179.17	190.46	250.43	240.93	201.12	180.10	170.78	158.01	153.56
24000	7.29	6.45	6.37	6.46	6.82	9.11	8.61	10.20	11.21	10.99	11.12	10.93	10.93	9.89	10.84	10.62	10.95	14.18	13.85	12.27	10.67	10.16	6.93	6.11
	-39.24	-41.89	-36.64	-37.74	-32.30	-0.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-15.72	0.00	0.00	0.00	0.00	0.00	0.00	0.00	-6.65	-53.51	-54.91
PLSNTVLE_13_KV_13.8KVDIST	144.61	139.71	133.37	134.53	134.80	142.72	163.98	171.69	188.72	179.12	189.97	181.26	171.29	168.71	171.69	180.45	188.59	238.71	243.88	203.73	182.30	172.52	156.65	152.07
80602	8.57	7.47	7.28	7.46	7.87	10.44	10.30	12.27	13.49	13.15	13.42	13.12	13.15	11.89	13.07	12.81	13.46	17.25	16.80	14.92	12.88	12.16	8.20	7.03
	-37.55	-40.08	-35.06	-36.11	-30.90	-0.19	0.00	0.00	0.00	0.53	0.00	0.00	0.33	-13.53	0.76	0.91	4.39	14.79	0.00	0.03	0.00	-6.39	-50.88	-52.50
PLSNTVLE_13_KV_13KVDISA_REV_LBMP_I	144.61	139.71	133.37	134.53	134.80	142.72	163.98	171.69	188.72	179.12	189.97	181.26	171.29	168.71	171.69	180.45	188.59	238.71	243.88	203.73	182.30	172.52	156.65	152.07
345020	8.57	7.47	7.28	7.46	7.87	10.44	10.30	12.27	13.49	13.15	13.42	13.12	13.15	11.89	13.07	12.81	13.46	17.25	16.80	14.92	12.88	12.16	8.20	7.03
	-37.55	-40.08	-35.06	-36.11	-30.90	-0.19	0.00	0.00	0.00	0.53	0.00	0.00	0.33	-13.53	0.76	0.91	4.39	14.79	0.00	0.03	0.00	-6.39	-50.88	-52.50
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G	145.89	140.85	134.56	135.73	135.93	144.44	166.60	173.76	190.82	182.96	193.51	184.62	174.29	172.72	174.93	184.53	196.32	257.95	249.56	208.29	186.03	175.94	160.62	155.62
345023	9.65	8.39	8.28	8.46	8.83	12.15	12.91	14.35	15.60	16.48	16.95	16.48	15.85	14.04	15.62	16.01	17.23	23.15	22.48	19.45	16.60	15.40	10.25	8.88
	-37.75	-40.29	-35.25	-36.31	-31.07	-0.19	0.00	0.00	0.00	0.02	0.00	0.00	0.03	-15.39	0.08	0.03	0.43	1.45	0.00	0.00	0.00	-6.57	-52.80	-54.20
POLETTI_____	145.10	140.02	133.64	134.88	135.34	143.91	165.22	173.30	190.49	189.19	191.75	182.96	175.79	177.23	176.83	196.29	209.92	307.18	245.94	205.75	183.84	174.08	161.48	152.22
23519	9.46	8.20	7.92	8.19	8.74	11.62	11.53	13.87	15.24	14.98	15.18	14.80	14.90	13.47	14.82	14.50	15.26	19.85	18.85	16.81	14.40	13.70	9.37	7.77
	-37.15	-39.66	-34.69	-35.73	-30.58	-0.19	-0.01	-0.02	-0.01	-7.71	-0.01	-0.02	-2.42	-20.47	-2.63	-13.25	-15.15	-51.08	-0.01	-0.10	-0.01	-6.41	-54.53	-51.91
POMONA___ESR	142.53	137.65	131.44	132.56	133.13	142.05	163.37	171.38	188.01	179.12	189.28	180.59	171.03	169.89	171.93	181.04	194.61	261.10	242.52	203.03	181.46	171.22	154.55	149.11
323819	8.17	7.19	6.91	7.10	7.58	9.78	9.69	11.96	12.78	12.32	12.72	12.44	12.37	11.18	12.11	11.97	12.56	16.29	15.45	14.17	12.03	11.55	8.09	6.57
	-35.87	-38.29	-33.50	-34.50	-29.52	-0.18	0.00	0.00	0.00	-0.30	0.00	0.00	-0.19	-15.42	-0.44	-0.52	-2.54	-8.56	0.00	-0.02	0.00	-5.70	-48.88	-50.01
PORT_JEFF_3	146.56	141.67	134.90	136.32	141.67	145.90	163.22	170.74	187.85	180.03	191.04	177.80	169.32	169.66	170.94	178.41	192.62	269.74	244.80	204.54	178.74	171.43	158.02	153.03
23555	10.93	9.87	9.19	9.64	10.47	13.61	9.53	11.32	12.62	13.00	14.48	12.77	12.68	11.75	12.90	12.14	13.82	18.44	17.72	15.67	12.54	13.55	9.96	8.61
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	3.12	1.83	-14.61	1.35	2.28	0.71	-15.04	0.00	-0.03	3.23	-3.91	-50.49	-51.89
PORT_JEFF_4	146.56	141.67	134.90	136.32	141.67	145.90	163.22	170.74	187.85	180.03	191.04	177.80	169.32	169.66	170.94	178.41	192.62	269.74	244.80	204.54	178.74	171.43	158.02	153.03
23616	10.93	9.87	9.19	9.64	10.47	13.61	9.53	11.32	12.62	13.00	14.48	12.77	12.68	11.75	12.90	12.14	13.82	18.44	17.72	15.67	12.54	13.55	9.96	8.61
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	3.12	1.83	-14.61	1.35	2.28	0.71	-15.04	0.00	-0.03	3.23	-3.91	-50.49	-51.89
PORT_JEFF_IC	146.76	141.86	135.09	136.51	141.86	146.28	163.98	171.69	188.91	180.84	192.10	178.04	169.73	170.03	171.36	178.62	192.59	271.14	246.15	205.88	178.96	171.70	158.13	153.12
23713	11.13	10.05	9.38	9.83	10.66	14.00	10.30	12.28	13.68	13.81	15.54	13.79	13.63	12.61	13.86	13.16	15.08	19.85	19.08	17.00	13.56	14.32	10.15	8.70
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	3.89	2.37	-14.12	1.89	3.08	2.00	-15.04	0.00	-0.03	4.03	-3.41	-50.40	-51.89
PPL PILGRIM_ST_GT1	147.25	142.31	135.63	137.05	142.34	146.95	166.74	175.20	192.92	184.67	195.63	181.49	173.07	172.92	174.74	182.08	196.26	275.63	250.25	209.09	182.28	173.55	158.84	153.77
24216	11.62	10.50	9.92	10.37	11.13	14.66	13.06	15.79	17.69	17.64	19.07	16.98	16.79	15.34	17.06	16.34	18.32	24.34	23.17	20.22	16.61	16.01	10.83	9.34
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	3.63	2.19	-14.29	1.71	2.82	1.58	-15.04	0.00	-0.03	3.76	-3.57	-50.43	-51.89
PPL PILGRIM_ST_GT2	147.25	142.31	135.63	137.05	142.34	146.95	166.74	175.20	192.92	184.67	195.63	181.49	173.07	172.92	174.74	182.08	196.26	275.63	250.25	209.09	182.28	173.55	158.84	153.77
24217	11.62	10.50	9.92	10.37	11.13	14.66	13.06	15.79	17.69	17.64	19.07	16.98	16.79	15.34	17.06	16.34	18.32	24.34	23.17	20.22	16.61	16.01	10.83	9.34
	-37.14	-39.64	-34.68	-35.72	-35.18	-0.19	0.00	0.00	0.00	-0.54	0.00	3.63	2.19	-14.29	1.71	2.82	1.58	-15.04	0.00	-0.03	3.76	-3.57	-50.43	-51.89

PPL_SHRM_GT3 24213	146.86 11.22 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.69 14.40 -0.19	165.82 12.14 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.47 16.49 3.17	172.77 16.17 1.87	172.63 14.76 -14.58	174.41 16.42 1.39	182.05 15.84 2.34	196.66 17.95 0.80	274.46 23.17 -15.04	250.00 22.93 0.00	209.28 20.40 -0.03	182.41 16.27 3.28	173.85 16.01 -3.87	158.70 10.64 -50.48	153.40 8.97 -51.89
PPL_SHRM_GT4 24214	146.86 11.22 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.69 14.40 -0.19	165.82 12.14 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.47 16.49 3.17	172.77 16.17 1.87	172.63 14.76 -14.58	174.41 16.42 1.39	182.05 15.84 2.34	196.66 17.95 0.80	274.46 23.17 -15.04	250.00 22.93 0.00	209.28 20.40 -0.03	182.41 16.27 3.28	173.85 16.01 -3.87	158.70 10.64 -50.48	153.40 8.97 -51.89
PROJECT___ORANGE 1 24174	101.76 -0.10 -3.37	95.66 -0.09 -3.59	94.17 0.00 -3.14	94.20 0.00 -3.24	98.70 -0.10 -2.77	131.19 -0.92 -0.02	152.15 -1.54 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.66 -0.83 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.13 -1.00 -2.84	157.79 -1.59 0.00	166.70 -1.85 0.00	177.72 -1.80 0.00	233.89 -2.36 0.00	224.58 -2.50 0.00	187.33 -1.51 0.00	167.56 -1.86 0.00	153.02 -2.16 -1.20	101.50 -0.68 -4.61	97.17 -0.09 -4.73
PROJECT___ORANGE 2 24166	101.76 -0.10 -3.37	95.66 -0.09 -3.59	94.17 0.00 -3.14	94.20 0.00 -3.24	98.70 -0.10 -2.77	131.19 -0.92 -0.02	152.15 -1.54 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.66 -0.83 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.13 -1.00 -2.84	157.79 -1.59 0.00	166.70 -1.85 0.00	177.72 -1.80 0.00	233.89 -2.36 0.00	224.58 -2.50 0.00	187.33 -1.51 0.00	167.56 -1.86 0.00	153.02 -2.16 -1.20	101.50 -0.68 -4.61	97.17 -0.09 -4.73
PUCKETT___SOLAR 323809	115.19 4.23 -12.46	109.52 4.05 -13.30	106.58 3.91 -11.64	106.85 3.91 -11.99	110.61 4.33 -10.26	137.31 5.15 -0.06	160.61 6.92 0.00	167.54 8.13 0.00	183.81 8.58 0.00	173.99 7.50 0.00	184.32 7.76 0.00	175.37 7.23 0.00	165.28 6.81 0.00	155.21 5.30 -6.61	165.44 6.06 0.00	174.79 6.24 0.00	186.51 6.99 0.00	245.94 9.69 0.00	236.39 9.31 0.00	197.54 8.69 0.00	176.38 6.95 0.00	160.58 4.61 -1.99	118.40 3.80 -17.02	113.80 3.80 -17.47
PYRITES___HYD 24023	93.37 -5.12 0.00	87.28 -4.88 0.00	86.02 -5.01 0.00	86.05 -4.91 0.00	91.32 -4.71 0.00	127.08 -5.02 0.00	151.53 -2.15 0.00	157.02 -2.39 0.00	173.30 -1.93 0.00	164.66 -1.83 0.00	175.32 -1.24 0.00	166.80 -1.35 0.00	156.57 -1.90 0.00	142.14 -1.58 -0.43	157.47 -1.91 0.00	167.20 -1.35 0.00	177.90 -1.62 0.00	235.07 -1.18 0.00	226.17 -0.91 0.00	186.58 -2.27 0.00	167.73 -1.69 0.00	152.15 -2.00 -0.18	95.62 -1.95 0.00	88.65 -3.89 0.00
QUAKERRD_115KV_BK1 80622	99.78 -3.05 -4.34	93.84 -2.95 -4.63	92.26 -2.82 -4.05	92.31 -2.82 -4.17	96.81 -2.78 -3.57	126.18 -5.94 -0.02	146.00 -7.68 0.00	151.92 -7.49 0.00	166.82 -8.41 0.00	158.34 -8.16 0.00	167.90 -8.65 0.00	158.90 -9.25 0.00	149.43 -9.03 0.00	139.59 -7.02 -3.32	149.66 -9.72 0.00	156.92 -11.63 0.00	167.84 -11.67 0.00	220.89 -15.36 0.00	212.09 -14.99 0.00	176.95 -11.90 0.00	157.74 -11.69 0.00	145.98 -9.39 -1.41	98.81 -4.39 -5.62	94.88 -3.42 -5.77
QUENSBRY_115KV_TB8 356137	152.04 6.20 -47.34	148.50 5.81 -50.53	140.79 5.55 -44.21	142.04 5.55 -45.53	140.75 5.76 -38.96	141.19 8.85 -0.24	165.83 12.14 0.00	172.65 13.23 0.00	185.74 10.51 0.00	175.99 9.49 0.00	186.44 9.89 0.00	177.90 9.75 0.00	168.45 9.98 0.00	170.54 8.74 -18.51	168.79 9.40 0.00	177.65 9.10 0.00	189.75 10.23 0.00	250.19 13.94 0.00	240.25 13.17 0.00	200.55 11.71 0.00	180.44 11.01 0.00	171.96 10.16 -7.83	170.52 8.39 -64.55	166.93 8.14 -66.25
RAMAPO___LBMP 323565	142.04 7.78 -35.77	137.16 6.82 -38.18	130.98 6.55 -33.40	132.09 6.73 -34.40	132.67 7.20 -29.44	141.66 9.38 -0.18	162.75 9.07 0.00	170.41 11.00 0.00	187.32 12.09 0.00	178.27 11.49 -0.29	188.21 11.65 0.00	179.75 11.60 0.00	170.22 11.57 -0.18	169.10 10.46 -15.35	171.29 11.48 -0.43	180.17 11.12 -0.50	193.63 11.67 -2.45	259.41 14.88 -8.27	241.61 14.53 0.00	202.08 13.22 -0.02	180.78 11.35 0.00	170.87 10.78 -6.12	153.73 7.42 -48.73	148.60 6.20 -49.87
RANKINE____ 23646	100.85 -3.64 -6.00	95.35 -3.23 -6.41	93.54 -3.09 -5.61	93.73 -3.00 -5.77	98.18 -2.78 -4.94	127.51 -4.62 -0.03	147.38 -6.30 0.00	152.25 -7.17 -0.01	166.65 -8.59 -0.01	157.84 -8.66 -0.01	167.56 -9.00 -0.01	158.40 -9.75 -0.01	148.97 -9.51 -0.01	136.16 -11.18 -4.05	148.87 -10.52 -0.01	154.06 -14.50 0.00	164.44 -15.08 -0.01	216.41 -19.85 -0.01	207.55 -19.53 -0.01	173.93 -14.92 -0.01	154.69 -14.74 0.00	140.75 -14.94 -1.71	99.15 -6.54 -8.12	96.33 -4.53 -8.33
RAVENSWOOD_GT2_1 24244	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91
RAVENSWOOD_GT2_2 24245	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91
RAVENSWOOD_GT2_3 24246	145.20 9.55 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	144.04 11.76 -0.19	165.37 11.68 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.02	190.67 14.82 -9.36	191.76 15.18 -0.02	182.96 14.80 -0.02	176.11 14.74 -2.90	177.97 13.33 -21.36	177.10 14.66 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	315.21 19.61 -59.35	246.17 19.07 -0.02	205.77 16.81 -0.12	184.02 14.57 -0.02	174.10 13.70 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91
RAVENSWOOD_GT2_4 24247	145.20 9.55 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	144.04 11.76 -0.19	165.37 11.68 -0.01	173.46 14.03 -0.02	190.66 15.42 -0.02	190.67 14.82 -9.36	191.76 15.18 -0.02	182.96 14.80 -0.02	176.11 14.74 -2.90	177.97 13.33 -21.36	177.10 14.66 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	315.21 19.61 -59.35	246.17 19.07 -0.02	205.77 16.81 -0.12	184.02 14.57 -0.02	174.10 13.70 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91
RAVENSWOOD_GT3_1 24248	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.76 15.18 -0.02	182.96 14.80 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91

RAVENSWOOD_GT3_2 24249	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.37 11.68 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.76 15.18 -0.02	182.96 14.80 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.31 7.87 -51.91
RAVENSWOOD_GT3_3 24250	145.30 9.65 -37.16	140.21 8.39 -39.66	133.83 8.10 -34.70	135.06 8.37 -35.73	135.44 8.83 -30.58	144.18 11.89 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.55 15.44 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.96 17.00 -0.12	184.18 14.74 -0.02	174.25 13.86 -6.42	162.23 9.27 -55.38	152.41 7.96 -51.91
RAVENSWOOD_GT3_4 24251	145.30 9.65 -37.16	140.21 8.39 -39.66	133.83 8.10 -34.70	135.06 8.37 -35.73	135.44 8.83 -30.58	144.18 11.89 -0.19	165.53 11.83 -0.01	173.62 14.19 -0.02	190.84 15.60 -0.02	190.84 14.98 -9.36	191.93 15.36 -0.02	183.13 14.97 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.55 15.44 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.96 17.00 -0.12	184.18 14.74 -0.02	174.25 13.86 -6.42	162.23 9.27 -55.38	152.41 7.96 -51.91
RAVENSWOOD_GT_1 23729	145.70 10.05 -37.17	140.68 8.85 -39.67	134.29 8.56 -34.70	135.53 8.82 -35.74	135.93 9.31 -30.59	144.71 12.42 -0.20	166.14 12.45 -0.01	173.94 14.51 -0.02	191.19 15.95 -0.02	191.17 15.32 -9.36	192.29 15.71 -0.02	183.47 15.30 -0.02	176.58 15.21 -2.90	178.40 13.76 -21.36	177.42 14.98 -3.05	199.63 15.00 -16.08	212.73 15.62 -17.60	315.92 20.32 -59.35	246.62 19.53 -0.02	206.15 17.18 -0.12	184.69 15.25 -0.02	174.56 14.17 -6.42	162.52 9.56 -55.38	152.88 8.42 -51.92
RAVENSWOOD_GT_10 24258	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.22 7.77 -51.91
RAVENSWOOD_GT_11 24259	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.22 7.77 -51.91
RAVENSWOOD_GT_4 24252	145.00 9.36 -37.15	140.02 8.20 -39.65	133.64 7.92 -34.69	134.88 8.19 -35.73	135.24 8.64 -30.57	143.77 11.49 -0.18	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.03 9.07 -55.38	152.21 7.77 -51.91
RAVENSWOOD_GT_5 24254	145.00 9.36 -37.15	140.02 8.20 -39.65	133.64 7.92 -34.69	134.88 8.19 -35.73	135.24 8.64 -30.57	143.77 11.49 -0.18	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.03 9.07 -55.38	152.21 7.77 -51.91
RAVENSWOOD_GT_6 24253	145.00 9.36 -37.15	140.02 8.20 -39.65	133.64 7.92 -34.69	134.88 8.19 -35.73	135.24 8.64 -30.57	143.77 11.49 -0.18	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.03 9.07 -55.38	152.21 7.77 -51.91
RAVENSWOOD_GT_7 24255	145.00 9.36 -37.15	140.02 8.20 -39.65	133.64 7.92 -34.69	134.88 8.19 -35.73	135.24 8.64 -30.57	143.77 11.49 -0.18	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.03 9.07 -55.38	152.21 7.77 -51.91
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.22 7.77 -51.91
RAVENSWOOD_GT_9 24257	145.10 9.46 -37.16	140.12 8.29 -39.66	133.73 8.01 -34.69	134.88 8.19 -35.73	135.34 8.74 -30.58	143.91 11.62 -0.19	165.22 11.53 -0.01	173.30 13.87 -0.02	190.49 15.24 -0.02	190.67 14.82 -9.36	191.58 15.01 -0.02	182.80 14.63 -0.02	175.95 14.58 -2.90	177.83 13.18 -21.36	176.94 14.50 -3.05	198.96 14.33 -16.08	212.19 15.08 -17.60	314.98 19.37 -59.35	245.94 18.85 -0.02	205.77 16.81 -0.12	183.85 14.40 -0.02	173.94 13.55 -6.42	162.13 9.17 -55.38	152.22 7.77 -51.91
RAVENSWOOD___1 23533	145.71 10.05 -37.16	140.59 8.76 -39.67	134.20 8.47 -34.70	135.44 8.73 -35.74	135.83 9.22 -30.59	144.58 12.29 -0.20	166.14 12.44 -0.01	173.94 14.50 -0.02	191.19 15.94 -0.02	191.16 15.31 -9.36	192.47 15.90 -0.02	183.63 15.46 -0.02	176.59 15.21 -2.90	178.41 13.76 -21.36	177.59 15.15 -3.05	199.63 15.00 -16.08	212.91 15.80 -17.60	316.40 20.80 -59.35	247.08 19.99 -0.02	206.53 17.57 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.71 9.76 -55.38	152.69 8.23 -51.92
RAVENSWOOD___2 23534	145.60 9.94 -37.16	140.59 8.76 -39.67	134.20 8.47 -34.70	135.44 8.73 -35.74	135.83 9.22 -30.59	144.44 12.15 -0.20	165.99 12.30 -0.01	173.94 14.50 -0.02	191.02 15.78 -0.02	191.16 15.31 -9.36	192.47 15.90 -0.02	183.47 15.30 -0.02	176.59 15.21 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.91 15.80 -17.60	316.40 20.80 -59.35	246.84 19.75 -0.02	206.53 17.57 -0.12	184.70 15.25 -0.02	174.30 14.32 -6.01	162.62 9.66 -55.38	152.69 8.23 -51.92
RAVENSWOOD___3 23535	145.10 9.46 -37.16	140.12 8.30 -39.66	133.74 8.01 -34.70	134.97 8.28 -35.73	135.34 8.74 -30.58	143.77 11.49 -0.19	165.37 11.67 -0.01	173.47 14.03 -0.02	190.48 15.24 -0.02	190.66 14.81 -9.36	191.93 15.35 -0.02	182.97 14.80 -0.02	176.11 14.74 -2.90	177.82 13.17 -21.36	176.94 14.50 -3.05	198.95 14.32 -16.08	212.19 15.08 -17.60	315.20 19.60 -59.35	245.72 18.62 -0.02	205.76 16.80 -0.12	183.84 14.39 -0.02	173.67 13.70 -6.01	162.33 9.37 -55.38	152.22 7.77 -51.91

RAVENSWOOD___4 23820	145.60 9.94 -37.16	140.59 8.76 -39.67	134.10 8.37 -34.70	135.35 8.65 -35.74	135.83 9.22 -30.59	144.44 12.15 -0.19	165.99 12.30 -0.01	173.79 14.35 -0.02	191.02 15.78 -0.02	191.00 15.15 -9.36	192.28 15.71 -0.02	183.47 15.30 -0.02	176.43 15.06 -2.90	178.27 13.62 -21.36	177.41 14.98 -3.05	199.47 14.84 -16.08	212.72 15.61 -17.60	316.15 20.54 -59.35	246.84 19.75 -0.02	206.33 17.36 -0.12	184.52 15.07 -0.02	174.30 14.32 -6.01	162.62 9.66 -55.38	152.60 8.15 -51.92
RCPI_TRUST___DRP 24196	145.00 9.36 -37.15	139.93 8.11 -39.65	133.55 7.83 -34.69	134.79 8.10 -35.73	135.24 8.64 -30.57	143.78 11.49 -0.19	165.22 11.53 0.00	173.46 14.03 -0.01	190.66 15.42 -0.01	187.37 14.98 -5.89	191.75 15.18 -0.01	182.96 14.80 -0.01	175.26 14.90 -1.89	176.24 13.47 -19.48	176.37 14.82 -2.16	193.17 14.50 -10.12	207.39 15.44 -12.44	298.03 19.85 -41.94	245.93 18.85 -0.01	205.93 17.00 -0.09	183.84 14.40 -0.01	174.06 13.70 -6.39	160.34 9.17 -53.59	152.12 7.68 -51.90
RED___ROCHESTER 323720	102.47 -0.49 -4.47	96.39 -0.55 -4.77	94.75 -0.45 -4.17	94.81 -0.45 -4.30	99.51 -0.19 -3.68	130.54 -1.58 -0.02	150.00 -3.69 0.00	156.55 -2.86 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.05 0.00	162.76 -5.39 0.00	152.92 -5.55 0.00	142.84 -3.86 -3.41	153.17 -6.22 0.00	159.96 -8.59 0.00	171.26 -8.25 0.00	225.62 -10.63 0.00	216.63 -10.44 0.00	181.09 -7.75 0.00	161.13 -8.30 0.00	148.34 -6.32 -0.69	101.44 -2.05 -5.92	97.51 -1.11 -6.08
REGAN___SOLAR 323812	162.19 11.71 -51.99	158.99 11.33 -55.49	150.22 10.65 -48.54	151.69 10.73 -50.00	150.23 11.42 -42.79	149.27 16.91 -0.26	177.51 23.82 0.00	184.44 25.03 0.00	202.04 26.81 0.00	190.63 24.13 0.00	201.80 25.25 0.00	190.34 22.19 0.00	181.44 22.97 0.00	184.94 21.20 -20.45	183.29 23.90 0.00	193.67 25.12 0.00	207.34 27.82 0.00	273.82 37.57 0.00	263.18 36.11 0.00	220.20 31.36 0.00	195.85 26.42 0.00	185.96 23.70 -8.29	182.99 14.54 -70.87	178.13 12.86 -72.74
RENSSELAER___COGEN 23796	148.53 4.23 -45.81	144.93 3.87 -48.89	137.71 3.91 -42.78	138.93 3.91 -44.06	137.76 4.03 -37.70	138.01 5.68 -0.23	159.38 5.69 0.00	165.14 5.73 0.00	181.88 6.66 0.00	172.82 6.33 0.00	182.90 6.35 0.00	174.88 6.73 0.00	165.28 6.81 0.00	167.28 6.02 -17.98	165.92 6.54 0.00	173.94 5.39 0.00	184.36 4.85 0.00	242.38 6.13 0.00	232.97 5.89 0.00	194.32 5.48 0.00	174.34 4.92 0.00	166.06 4.78 -7.31	163.18 3.12 -62.48	160.27 3.61 -64.13
REPUBLIC_115KV_BARTNBRK 55605	154.87 9.06 -47.31	151.15 8.48 -50.50	143.22 8.01 -44.18	144.38 7.91 -45.50	143.22 8.26 -38.94	145.28 12.95 -0.24	172.74 19.06 0.00	179.98 20.56 0.00	194.50 19.28 0.00	184.31 17.81 0.00	194.74 18.19 0.00	185.97 17.82 0.00	175.90 17.43 0.00	177.12 15.33 -18.50	176.12 16.74 0.00	185.41 16.86 0.00	198.36 18.85 0.00	261.77 25.52 0.00	251.37 24.30 0.00	210.18 21.34 0.00	188.23 18.81 0.00	178.58 16.78 -7.83	173.99 11.90 -64.51	170.04 11.29 -66.21
REVERE_CPPR_DRP 24186	105.67 5.22 -1.96	99.05 4.79 -2.09	97.32 4.46 -1.83	97.39 4.55 -1.89	102.54 4.90 -1.61	139.37 7.27 -0.01	162.45 8.76 0.00	169.46 10.04 0.00	186.97 11.74 0.00	176.82 10.32 0.00	188.21 11.65 0.00	179.08 10.93 0.00	169.08 10.62 0.00	154.14 9.31 -1.53	169.11 9.72 0.00	178.50 9.94 0.00	190.28 10.77 0.00	250.66 14.41 0.00	240.70 13.62 0.00	200.55 11.71 0.00	179.59 10.17 0.00	162.93 8.31 -0.65	105.73 5.46 -2.69	100.48 5.18 -2.76
REYNOLDS_115KV_TB3 80639	148.89 4.53 -45.87	145.27 4.15 -48.96	138.05 4.19 -42.83	139.26 4.18 -44.11	138.10 4.32 -37.75	138.67 6.34 -0.23	159.83 6.15 0.00	165.95 6.54 0.00	182.76 7.53 0.00	173.49 6.99 0.00	184.15 7.59 0.00	175.71 7.57 0.00	166.07 7.61 0.00	168.16 6.88 -18.00	166.88 7.49 0.00	175.29 6.74 0.00	186.15 6.64 0.00	244.52 8.27 0.00	235.02 7.95 0.00	196.21 7.36 0.00	176.04 6.61 0.00	167.90 6.31 -7.61	164.33 4.20 -62.56	161.18 4.44 -64.20
RIVERBAY____ 323610	146.79 11.13 -37.16	141.97 10.14 -39.67	135.56 9.83 -34.70	136.80 10.10 -35.74	137.27 10.66 -30.59	146.56 14.27 -0.20	167.99 14.29 -0.01	175.05 15.62 -0.01	192.24 17.00 -0.02	183.52 16.48 -0.54	193.35 16.77 -0.02	184.47 16.31 -0.01	175.34 16.01 -0.87	178.10 14.33 -20.48	177.80 15.78 -2.64	185.16 15.68 -0.93	211.19 16.52 -15.16	308.86 21.50 -51.11	247.98 20.89 -0.02	207.28 18.32 -0.12	185.71 16.27 -0.02	175.41 15.09 -6.35	158.68 10.25 -50.86	153.80 9.35 -51.92
RIVERSDE_115KV_TB3 55908	148.97 4.43 -46.05	145.46 4.15 -49.15	138.12 4.10 -43.00	139.34 4.09 -44.29	138.25 4.32 -37.90	138.54 6.21 -0.23	159.83 6.15 0.00	165.79 6.38 0.00	182.59 7.36 0.00	173.65 7.16 0.00	183.97 7.42 0.00	175.54 7.40 0.00	166.07 7.61 0.00	168.08 6.73 -18.06	166.72 7.33 0.00	174.79 6.24 0.00	185.26 5.74 0.00	243.57 7.32 0.00	234.11 7.04 0.00	195.45 6.61 0.00	175.19 5.76 0.00	167.15 5.54 -7.64	164.09 3.71 -62.80	161.07 4.07 -64.46
ROARING___BROOK_WT_PWR 323790	96.91 -1.58 0.00	90.69 -1.48 0.00	89.57 -1.46 0.00	89.50 -1.46 0.00	94.59 -1.44 0.00	130.38 -1.72 0.00	152.15 -1.54 0.00	157.66 -1.75 0.00	173.30 -1.92 0.00	164.83 -1.66 0.00	174.79 -1.77 0.00	166.46 -1.68 0.00	156.73 -1.74 0.00	141.72 -1.57 0.00	157.79 -1.59 0.00	167.03 -1.52 0.00	177.89 -1.62 0.00	234.35 -1.90 0.00	225.25 -1.82 0.00	186.95 -1.89 0.00	167.90 -1.53 0.00	152.58 -1.39 0.00	96.41 -1.17 0.00	91.24 -1.30 0.00
ROCHESRG_115KV_T4 355643	101.35 -1.58 -4.43	95.33 -1.57 -4.73	93.71 -1.46 -4.14	93.86 -1.36 -4.27	98.43 -1.25 -3.65	127.89 -4.23 -0.02	148.00 -5.69 0.00	153.83 -5.58 0.00	168.74 -6.48 0.00	160.00 -6.49 0.00	169.85 -6.71 0.00	160.58 -7.57 0.00	150.86 -7.61 0.00	140.96 -5.73 -3.40	151.10 -8.29 0.00	157.93 -10.62 0.00	168.92 -10.59 0.00	222.55 -13.70 0.00	213.45 -13.62 0.00	178.27 -10.58 0.00	158.75 -10.67 0.00	147.25 -8.16 -1.44	100.23 -3.22 -5.88	96.53 -2.04 -6.03
ROCHESTER_9_IC 23652	101.98 -0.98 -4.47	95.92 -1.01 -4.77	94.29 -0.91 -4.17	94.44 -0.82 -4.30	99.03 -0.67 -3.68	128.69 -3.43 -0.02	149.23 -4.46 0.00	155.11 -4.30 0.00	170.15 -5.08 0.00	161.50 -4.99 0.00	171.26 -5.30 0.00	161.76 -6.39 0.00	152.13 -6.34 0.00	142.12 -4.59 -3.41	152.21 -7.17 0.00	159.11 -9.44 0.00	170.36 -9.16 0.00	224.44 -11.81 0.00	215.27 -11.81 0.00	179.59 -9.25 0.00	159.94 -9.49 0.00	148.33 -7.08 -1.44	100.96 -2.54 -5.92	97.13 -1.48 -6.08
ROCKVIEW_13_KV_LD 356306	144.81 9.16 -37.16	139.75 7.93 -39.66	133.46 7.74 -34.70	134.61 7.91 -35.74	134.96 8.35 -30.58	143.38 11.10 -0.19	164.75 11.07 0.00	172.96 13.55 0.00	190.12 14.89 0.00	181.49 14.32 -0.67	191.21 14.65 0.00	182.44 14.29 0.00	173.63 14.26 -0.90	176.73 12.90 -20.55	176.25 14.19 -2.68	183.70 13.99 -1.16	209.59 14.72 -15.36	307.18 19.14 -51.79	245.70 18.62 0.00	205.21 16.24 -0.12	183.49 14.06 0.00	173.55 13.24 -6.34	157.38 8.88 -50.93	151.95 7.50 -51.91
ROME____115KV_TB2 80656	105.67 5.22 -1.96	99.05 4.79 -2.09	97.32 4.46 -1.83	97.39 4.55 -1.89	102.54 4.90 -1.61	139.37 7.27 -0.01	162.45 8.76 0.00	169.46 10.04 0.00	186.97 11.74 0.00	176.82 10.32 0.00	188.21 11.65 0.00	179.08 10.93 0.00	169.08 10.62 0.00	154.14 9.31 -1.53	169.11 9.72 0.00	178.50 9.94 0.00	190.28 10.77 0.00	250.66 14.41 0.00	240.70 13.62 0.00	200.55 11.71 0.00	179.59 10.17 0.00	162.93 8.31 -0.65	105.73 5.46 -2.69	100.48 5.18 -2.76

ROSETON___1 23587	143.22 7.29 -37.44	138.58 6.45 -39.96	132.27 6.28 -34.96	133.33 6.37 -36.01	133.56 6.72 -30.81	141.00 8.72 -0.19	161.83 8.14 0.00	169.14 9.73 0.00	185.56 10.34 0.00	176.82 10.33 0.00	186.97 10.41 0.00	178.23 10.09 0.00	168.76 10.29 0.00	167.68 9.31 -15.08	169.43 10.05 0.00	178.49 9.94 0.00	189.56 10.05 0.00	249.24 12.99 0.00	239.56 12.48 0.00	200.17 11.33 0.00	179.25 9.82 0.00	169.33 9.39 -5.96	155.40 6.83 -51.00	150.71 5.83 -52.34
ROSETON___2 23588	143.22 7.29 -37.44	138.58 6.45 -39.96	132.27 6.28 -34.96	133.33 6.37 -36.01	133.56 6.72 -30.81	141.00 8.72 -0.19	161.83 8.14 0.00	169.14 9.73 0.00	185.56 10.34 0.00	176.82 10.33 0.00	186.97 10.41 0.00	178.23 10.09 0.00	168.76 10.29 0.00	167.68 9.31 -15.08	169.43 10.05 0.00	178.49 9.94 0.00	189.56 10.05 0.00	249.24 12.99 0.00	239.56 12.48 0.00	200.17 11.33 0.00	179.25 9.82 0.00	169.33 9.39 -5.96	155.40 6.83 -51.00	150.71 5.83 -52.34
ROTRDAM_115KV_TB3 80664	150.54 4.24 -47.82	147.26 4.06 -51.04	139.59 3.91 -44.65	140.86 3.91 -45.99	139.51 4.13 -39.35	138.02 5.68 -0.24	160.14 6.45 0.00	166.59 7.17 0.00	182.76 7.53 0.00	173.49 6.99 0.00	183.80 7.24 0.00	175.21 7.06 0.00	165.60 7.13 0.00	168.42 6.45 -18.68	166.40 7.01 0.00	175.46 6.91 0.00	186.69 7.18 0.00	245.70 9.45 0.00	236.16 9.08 0.00	197.15 8.31 0.00	176.71 7.29 0.00	168.65 6.77 -7.90	167.36 4.59 -65.19	163.80 4.35 -66.91
RUSSELL___1 23602	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
RUSSELL___2 23532	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
RUSSELL___3 23549	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
RUSSELL___4 23556	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
RUSSELL___STATION 23914	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
S SALMON___HYD 24043	100.67 -0.49 -2.67	94.65 -0.37 -2.85	93.07 -0.45 -2.50	93.17 -0.36 -2.57	97.94 -0.29 -2.20	131.45 -0.66 -0.01	152.62 -1.07 0.00	159.10 -0.32 0.00	175.05 -0.18 0.00	166.16 -0.33 0.00	176.38 -0.18 0.00	167.81 -0.34 0.00	157.99 -0.47 0.00	145.38 -0.29 -2.38	158.59 -0.79 0.00	167.71 -0.84 0.00	178.80 -0.72 0.00	236.02 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.75 -0.68 0.00	153.33 -1.07 -0.43	100.74 -0.49 -3.65	96.01 -0.28 -3.75
S.PERRY__115KV_TB1 80734	107.86 2.95 -6.41	101.59 2.58 -6.84	99.65 2.64 -5.99	99.86 2.73 -6.17	104.57 3.26 -5.28	135.43 3.30 -0.03	157.84 4.15 0.00	159.26 -0.16 0.00	174.35 -0.88 0.00	164.83 -1.66 0.00	175.32 -1.24 0.00	165.29 -2.86 0.00	155.14 -3.33 0.00	144.22 -3.30 -4.22	155.24 -4.14 0.00	162.15 -6.40 0.00	174.31 -5.21 0.00	230.11 -6.14 0.00	220.72 -6.36 0.00	184.12 -4.72 0.00	163.84 -5.59 0.00	154.06 -1.69 -1.79	107.31 0.98 -8.76	103.38 1.85 -8.99
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	100.02 -4.24 -5.77	94.54 -3.78 -6.15	92.77 -3.64 -5.38	92.96 -3.55 -5.55	97.31 -3.46 -4.75	125.39 -6.74 -0.03	144.31 -9.37 0.00	149.22 -10.20 -0.01	163.32 -11.92 -0.01	154.69 -11.82 -0.01	164.21 -12.36 -0.01	155.04 -13.12 -0.01	145.80 -12.68 -0.01	134.77 -12.47 -3.95	145.69 -13.71 -0.01	150.85 -17.70 0.00	160.86 -18.67 -0.01	211.93 -24.33 -0.01	203.24 -23.84 -0.01	170.16 -18.70 -0.01	151.30 -18.13 0.00	139.32 -16.32 -1.67	98.04 -7.32 -7.78	95.34 -5.18 -7.98
SAWYER___23_KV_LOAD 55526	100.02 -4.24 -5.77	94.54 -3.78 -6.15	92.77 -3.64 -5.38	92.96 -3.55 -5.55	97.31 -3.46 -4.75	125.39 -6.74 -0.03	144.31 -9.37 0.00	149.22 -10.20 -0.01	163.32 -11.92 -0.01	154.69 -11.82 -0.01	164.21 -12.36 -0.01	155.04 -13.12 -0.01	145.80 -12.68 -0.01	134.77 -12.47 -3.95	145.69 -13.71 -0.01	150.85 -17.70 0.00	160.86 -18.67 -0.01	211.93 -24.33 -0.01	203.24 -23.84 -0.01	170.16 -18.70 -0.01	151.30 -18.13 0.00	139.32 -16.32 -1.67	98.04 -7.32 -7.78	95.34 -5.18 -7.98
SELKIRK___I 23801	148.02 4.44 -45.09	144.53 4.24 -48.13	137.41 4.28 -42.10	138.51 4.19 -43.36	137.46 4.33 -37.11	138.28 5.95 -0.23	160.14 6.45 0.00	165.95 6.54 0.00	182.59 7.36 0.00	173.49 6.99 0.00	183.63 7.07 0.00	175.37 7.23 0.00	165.61 7.14 0.00	167.34 6.30 -17.75	166.23 6.85 0.00	174.79 6.24 0.00	185.62 6.11 0.00	243.81 7.56 0.00	234.34 7.26 0.00	195.45 6.61 0.00	175.35 5.93 0.00	167.02 5.85 -7.20	162.96 3.80 -61.58	159.81 4.07 -63.21
SELKIRK___II 23799	148.24 4.14 -45.61	144.72 3.87 -48.68	137.53 3.91 -42.59	138.74 3.91 -43.87	137.60 4.03 -37.54	137.88 5.55 -0.23	159.21 5.52 0.00	165.32 5.90 0.00	181.88 6.66 0.00	172.82 6.33 0.00	183.09 6.54 0.00	174.70 6.55 0.00	165.12 6.65 0.00	167.08 5.88 -17.91	165.77 6.38 0.00	174.28 5.73 0.00	184.89 5.38 0.00	242.86 6.61 0.00	233.66 6.59 0.00	194.88 6.04 0.00	174.69 5.26 0.00	166.48 5.24 -7.28	163.31 3.51 -62.22	160.00 3.61 -63.86
SENECA OSWGO___HYD 24041	100.39 -1.08 -2.98	94.33 -1.01 -3.18	92.90 -0.91 -2.78	92.91 -0.91 -2.86	97.52 -0.96 -2.45	130.26 -1.85 -0.02	151.07 -2.61 0.00	157.51 -1.91 0.00	173.13 -2.09 0.00	164.50 -1.99 0.00	174.62 -1.94 0.00	166.30 -1.85 0.00	156.73 -1.74 0.00	144.37 -1.57 -2.66	157.15 -2.23 0.00	166.03 -2.52 0.00	177.00 -2.51 0.00	232.94 -3.31 0.00	223.68 -3.40 0.00	186.38 -2.46 0.00	166.71 -2.72 0.00	151.21 -3.24 -0.48	100.08 -1.56 -4.07	95.70 -1.02 -4.18

SENECA___115KV_TB3 355854	101.05 -3.45 -6.00	95.53 -3.04 -6.41	93.72 -2.91 -5.61	93.92 -2.82 -5.77	98.37 -2.59 -4.94	127.77 -4.36 -0.03	147.69 -5.99 0.00	152.57 -6.85 -0.01	167.17 -8.06 -0.01	158.34 -8.16 -0.01	167.91 -8.65 -0.01	158.74 -9.42 -0.01	149.28 -9.19 -0.01	136.59 -10.75 -4.05	149.19 -10.20 -0.01	154.56 -13.99 0.00	164.80 -14.72 -0.01	216.89 -19.37 -0.01	208.01 -19.07 -0.01	174.31 -14.54 -0.01	155.03 -14.40 0.00	141.05 -14.63 -1.71	99.35 -6.34 -8.12	96.52 -4.35 -8.33
SENECA___ENERGY 23797	102.66 -0.59 -4.75	96.69 -0.55 -5.07	95.01 -0.45 -4.44	95.08 -0.45 -4.57	99.65 -0.29 -3.91	131.06 -1.06 -0.02	154.77 1.08 0.00	161.65 2.23 0.00	177.16 1.93 0.00	167.99 1.50 0.00	178.14 1.59 0.00	169.33 1.19 0.00	159.26 0.80 0.00	146.93 0.00 -3.64	159.55 0.16 0.00	168.55 0.00 0.00	179.87 0.36 0.00	237.20 0.95 0.00	227.99 0.91 0.00	190.35 1.50 0.00	169.77 0.34 0.00	153.26 -1.54 -0.83	104.37 -0.29 -7.09	100.00 0.19 -7.27
SHOEMAKER___GT 23640	139.06 6.50 -34.07	134.24 5.72 -36.36	128.39 5.55 -31.81	129.46 5.73 -32.76	130.12 6.05 -28.04	140.06 7.79 -0.17	161.52 7.83 0.00	168.50 9.08 0.00	184.86 9.63 0.00	175.87 9.32 -0.06	186.08 9.53 0.00	177.39 9.24 0.00	167.74 9.19 -0.08	165.93 8.31 -14.33	168.70 9.08 -0.24	177.58 8.93 -0.10	190.20 9.33 -1.36	252.88 12.04 -4.59	238.88 11.80 0.00	199.61 10.76 -0.01	178.57 9.14 0.00	167.98 8.62 -5.40	149.91 6.15 -46.18	145.08 5.18 -47.36
SHOEMAKR_138KV_BK 111 55601	138.84 6.50 -33.84	134.00 5.71 -36.12	128.18 5.55 -31.60	129.24 5.73 -32.55	129.93 6.05 -27.85	140.20 7.93 -0.17	161.37 7.68 0.00	168.34 8.93 0.00	185.04 9.81 0.00	175.88 9.32 -0.06	185.91 9.36 0.00	177.39 9.25 0.00	167.73 9.19 -0.08	165.97 8.45 -14.23	168.70 9.08 -0.23	177.58 8.93 -0.10	190.14 9.33 -1.29	252.66 12.05 -4.36	238.88 11.81 0.00	199.62 10.76 -0.01	178.58 9.15 0.00	168.41 8.62 -5.82	149.51 6.05 -45.88	144.78 5.18 -47.06
SHOREHAM_IC_1 23715	146.86 11.22 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.69 14.40 -0.19	165.82 12.14 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.47 16.49 3.17	172.77 16.17 1.87	172.63 14.76 -14.58	174.41 16.42 1.39	182.05 15.84 2.34	196.66 17.95 0.80	274.46 23.17 -15.04	250.00 22.93 0.00	209.28 20.40 -0.03	182.41 16.27 3.28	173.85 16.01 -3.87	158.70 10.64 -50.48	153.40 8.97 -51.89
SHOREHAM_IC_2 23716	146.86 11.22 -37.14	141.86 10.05 -39.64	135.09 9.38 -34.68	136.60 9.92 -35.72	141.96 10.75 -35.18	146.69 14.40 -0.19	165.82 12.14 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.47 16.49 3.17	172.77 16.17 1.87	172.63 14.76 -14.58	174.41 16.42 1.39	182.05 15.84 2.34	196.66 17.95 0.80	274.46 23.17 -15.04	250.00 22.93 0.00	209.28 20.40 -0.03	182.41 16.27 3.28	173.85 16.01 -3.87	158.70 10.64 -50.48	153.40 8.97 -51.89
SISSONVILLE____ 23735	91.30 -7.19 0.00	85.44 -6.73 0.00	84.20 -6.83 0.00	84.14 -6.82 0.00	89.21 -6.82 0.00	123.64 -8.45 0.00	147.08 -6.61 0.00	152.24 -7.17 0.00	167.69 -7.53 0.00	159.50 -6.99 0.00	169.49 -7.06 0.00	161.25 -6.89 0.00	151.50 -6.97 0.00	137.59 -6.16 -0.46	152.69 -6.69 0.00	162.15 -6.40 0.00	172.51 -7.00 0.00	227.98 -8.27 0.00	219.13 -7.95 0.00	180.91 -7.93 0.00	162.65 -6.78 0.00	148.01 -6.16 -0.20	93.28 -4.29 0.00	86.43 -6.11 0.00
SITHE_IND_GS1 24169	98.16 -2.65 -2.32	92.16 -2.48 -2.48	90.83 -2.37 -2.17	90.83 -2.37 -2.23	95.25 -2.69 -1.91	128.01 -4.10 -0.01	148.46 -5.23 0.00	154.47 -4.94 0.00	169.61 -5.61 0.00	161.16 -5.33 0.00	170.90 -5.66 0.00	162.60 -5.54 0.00	153.24 -5.23 0.00	141.02 -4.59 -2.32	153.97 -5.42 0.00	162.49 -6.06 0.00	173.06 -6.46 0.00	227.76 -8.50 0.00	218.91 -8.17 0.00	182.42 -6.42 0.00	163.34 -6.09 0.00	148.64 -5.69 -0.37	97.60 -3.13 -3.15	93.28 -2.49 -3.24
SITHE_IND_GS2 24170	98.16 -2.65 -2.32	92.16 -2.48 -2.48	90.83 -2.37 -2.17	90.83 -2.37 -2.23	95.25 -2.69 -1.91	128.01 -4.10 -0.01	148.46 -5.23 0.00	154.47 -4.94 0.00	169.61 -5.61 0.00	161.16 -5.33 0.00	170.90 -5.66 0.00	162.60 -5.54 0.00	153.24 -5.23 0.00	141.02 -4.59 -2.32	153.97 -5.42 0.00	162.49 -6.06 0.00	173.06 -6.46 0.00	227.76 -8.50 0.00	218.91 -8.17 0.00	182.42 -6.42 0.00	163.34 -6.09 0.00	148.64 -5.69 -0.37	97.60 -3.13 -3.15	93.28 -2.49 -3.24
SITHE_IND_GS3 24171	98.16 -2.65 -2.32	92.16 -2.48 -2.48	90.83 -2.37 -2.17	90.83 -2.37 -2.23	95.25 -2.69 -1.91	128.01 -4.10 -0.01	148.46 -5.23 0.00	154.47 -4.94 0.00	169.61 -5.61 0.00	161.16 -5.33 0.00	170.90 -5.66 0.00	162.60 -5.54 0.00	153.24 -5.23 0.00	141.02 -4.59 -2.32	153.97 -5.42 0.00	162.49 -6.06 0.00	173.06 -6.46 0.00	227.76 -8.50 0.00	218.91 -8.17 0.00	182.42 -6.42 0.00	163.34 -6.09 0.00	148.64 -5.69 -0.37	97.60 -3.13 -3.15	93.28 -2.49 -3.24
SITHE_IND_GS4 24172	98.16 -2.65 -2.32	92.16 -2.48 -2.48	90.83 -2.37 -2.17	90.83 -2.37 -2.23	95.25 -2.69 -1.91	128.01 -4.10 -0.01	148.46 -5.23 0.00	154.47 -4.94 0.00	169.61 -5.61 0.00	161.16 -5.33 0.00	170.90 -5.66 0.00	162.60 -5.54 0.00	153.24 -5.23 0.00	141.02 -4.59 -2.32	153.97 -5.42 0.00	162.49 -6.06 0.00	173.06 -6.46 0.00	227.76 -8.50 0.00	218.91 -8.17 0.00	182.42 -6.42 0.00	163.34 -6.09 0.00	148.64 -5.69 -0.37	97.60 -3.13 -3.15	93.28 -2.49 -3.24
SITHE___BATAVIA 24024	102.64 -0.98 -5.13	96.63 -1.01 -5.48	94.91 -0.91 -4.79	95.07 -0.82 -4.93	99.77 -0.48 -4.22	129.48 -2.64 -0.03	149.69 -4.00 0.00	155.76 -3.66 0.00	170.32 -4.91 0.00	161.33 -5.16 0.00	170.90 -5.66 0.00	160.08 -8.07 0.00	150.22 -8.25 0.00	139.52 -7.46 -3.69	150.31 -9.08 0.00	155.91 -12.64 0.00	166.77 -12.74 0.00	219.96 -16.30 0.00	211.18 -15.90 0.00	177.14 -11.71 0.00	156.89 -12.54 0.00	143.84 -10.93 -0.80	100.35 -4.09 -6.86	97.09 -2.49 -7.05
SITHE___INDEPEND 23800	98.16 -2.66 -2.32	92.16 -2.49 -2.48	90.83 -2.37 -2.17	90.83 -2.36 -2.23	95.25 -2.69 -1.91	127.88 -4.23 -0.01	148.46 -5.23 0.00	154.47 -4.94 0.00	169.62 -5.61 0.00	161.17 -5.33 0.00	170.91 -5.65 0.00	162.60 -5.55 0.00	153.24 -5.23 0.00	141.02 -4.59 -2.32	153.97 -5.42 0.00	162.48 -6.07 0.00	173.05 -6.46 0.00	227.75 -8.51 0.00	218.90 -8.17 0.00	182.23 -6.61 0.00	163.33 -6.10 0.00	149.25 -5.70 -0.98	97.71 -3.02 -3.15	93.28 -2.50 -3.24
SITHE___MASSENA 23902	93.77 -4.73 0.00	87.74 -4.42 0.00	86.57 -4.46 0.00	86.51 -4.46 0.00	91.51 -4.51 0.00	126.94 -5.15 0.00	150.45 -3.23 0.00	155.44 -3.98 0.00	170.85 -4.37 0.00	162.67 -3.82 0.00	172.67 -3.89 0.00	164.29 -3.86 0.00	154.51 -3.96 0.00	139.85 -3.44 0.00	155.88 -3.51 0.00	165.52 -3.03 0.00	176.29 -3.23 0.00	232.23 -4.02 0.00	223.21 -3.86 0.00	184.51 -4.34 0.00	166.04 -3.39 0.00	151.04 -2.93 0.00	95.14 -2.44 0.00	88.56 -3.98 0.00
SITHE___OGDNSBRG 24021	93.76 -4.73 0.00	87.74 -4.42 0.00	86.48 -4.55 0.00	86.32 -4.64 0.00	91.51 -4.51 0.00	127.34 -4.76 0.00	151.53 -2.15 0.00	157.02 -2.39 0.00	173.12 -2.10 0.00	164.33 -2.16 0.00	174.97 -1.59 0.00	166.46 -1.68 0.00	156.09 -2.38 0.00	141.79 -1.86 -0.36	157.47 -1.91 0.00	167.20 -1.35 0.00	177.90 -1.62 0.00	234.60 -1.65 0.00	225.49 -1.59 0.00	186.20 -2.64 0.00	167.56 -1.86 0.00	152.28 -1.85 -0.15	95.62 -1.95 0.00	88.65 -3.89 0.00

SITHE___STERLING 23777	105.09 4.33 -2.27	98.64 4.05 -2.42	96.97 3.82 -2.12	97.05 3.91 -2.18	102.11 4.22 -1.87	138.06 5.95 -0.01	160.91 7.22 0.00	167.70 8.28 0.00	184.68 9.46 0.00	174.98 8.49 0.00	185.91 9.35 0.00	177.05 8.91 0.00	166.86 8.39 0.00	152.50 7.45 -1.77	167.19 7.81 0.00	176.64 8.09 0.00	188.13 8.62 0.00	247.36 11.11 0.00	237.53 10.45 0.00	198.09 9.25 0.00	177.23 7.80 0.00	160.65 6.32 -0.36	104.97 4.29 -3.11	99.90 4.17 -3.19
SLEIGHT__34_KV_TB1 80719	102.07 -0.79 -4.37	96.09 -0.74 -4.66	94.38 -0.73 -4.08	94.43 -0.73 -4.20	99.04 -0.58 -3.59	129.74 -2.38 -0.02	150.61 -3.07 0.00	157.18 -2.23 0.00	172.42 -2.80 0.00	163.83 -2.66 0.00	173.73 -2.82 0.00	164.61 -3.53 0.00	154.82 -3.64 0.00	144.05 -2.58 -3.33	154.92 -4.46 0.00	163.16 -5.39 0.00	174.31 -5.21 0.00	229.64 -6.62 0.00	220.49 -6.59 0.00	183.74 -5.10 0.00	163.84 -5.59 0.00	150.61 -4.77 -1.41	101.56 -1.76 -5.74	97.41 -1.02 -5.90
SOUTH CAIRO___GT 23612	148.58 6.70 -43.39	144.38 5.90 -46.31	137.55 6.01 -40.51	138.51 5.83 -41.73	137.97 6.24 -35.71	141.70 9.38 -0.22	167.05 13.36 0.00	171.21 11.80 0.00	187.85 12.62 0.00	177.65 11.16 0.00	187.69 11.13 0.00	179.41 11.27 0.00	168.92 10.46 0.00	168.54 8.02 -17.23	169.59 10.21 0.00	178.66 10.11 0.00	190.28 10.77 0.00	248.29 12.04 0.00	239.10 12.03 0.00	199.41 10.57 0.00	178.40 8.97 0.00	170.32 9.39 -6.96	162.84 5.76 -59.51	159.62 6.01 -61.07
SOUTH HAMPTN___IC 23720	148.24 12.61 -37.14	143.23 11.43 -39.64	136.36 10.65 -34.68	137.87 11.19 -35.72	143.40 12.20 -35.18	148.53 16.24 -0.19	168.29 14.61 0.00	176.64 17.22 0.00	194.50 19.28 0.00	186.17 19.14 -0.54	197.91 21.35 0.00	184.59 19.33 2.89	175.64 18.85 1.67	175.09 17.04 -14.76	177.14 18.96 1.20	185.04 18.54 2.05	200.17 20.99 0.34	278.45 27.16 -15.04	253.63 26.56 0.00	212.48 23.60 -0.03	185.41 18.97 2.99	176.18 18.16 -4.05	160.09 12.00 -50.51	154.69 10.27 -51.89
SOUTHDOW_115KV_TB1 355954	105.94 0.89 -6.56	100.27 1.11 -7.00	98.16 1.00 -6.13	98.64 1.36 -6.31	103.44 2.02 -5.40	136.23 4.10 -0.03	159.37 5.69 0.00	165.32 5.90 -0.01	180.84 5.61 -0.01	171.16 4.66 -0.01	180.98 4.41 -0.01	171.35 3.19 -0.01	160.53 2.06 -0.01	143.41 -4.16 -4.27	159.55 0.16 -0.01	164.17 -4.38 0.00	174.85 -4.67 -0.01	230.35 -5.91 -0.01	221.18 -5.90 -0.01	185.45 -3.40 -0.01	164.34 -5.08 0.00	147.15 -8.62 -1.81	103.66 -2.83 -8.91	100.57 -1.11 -9.14
SOUTHOLD_69_KV_BK 2 55809	150.01 14.38 -37.14	144.71 12.90 -39.64	137.91 12.20 -34.68	139.51 12.83 -35.72	145.22 14.02 -35.18	151.04 18.76 -0.19	171.36 17.67 0.00	179.82 20.41 0.00	198.18 22.95 0.00	189.67 22.64 -0.54	201.45 24.89 0.00	188.12 22.87 2.89	178.82 22.03 1.68	177.96 19.92 -14.75	180.50 22.31 1.20	188.24 21.74 2.05	203.40 24.23 0.35	282.72 31.42 -15.04	258.41 31.34 0.00	216.64 27.76 -0.03	188.97 22.53 3.00	179.38 20.94 -4.47	160.97 12.88 -50.51	155.62 11.20 -51.89
SOUTHOLD___IC 23719	150.01 14.38 -37.14	144.81 13.00 -39.64	137.91 12.20 -34.68	139.51 12.83 -35.72	145.22 14.02 -35.18	151.04 18.75 -0.19	171.35 17.67 0.00	179.99 20.57 0.00	198.18 22.95 0.00	189.67 22.64 -0.54	201.62 25.06 0.00	188.29 23.04 2.89	178.98 22.18 1.68	177.96 19.91 -14.75	180.50 22.31 1.20	188.40 21.90 2.05	203.95 24.78 0.34	283.66 32.37 -15.04	258.42 31.35 0.00	216.65 27.77 -0.03	188.97 22.54 3.00	179.28 21.25 -4.05	161.85 13.76 -50.51	156.27 11.85 -51.89
SOUTH_FORK_WT_PWR 323839	150.21 14.57 -37.14	144.99 13.18 -39.64	137.99 12.28 -34.68	139.59 12.91 -35.72	145.32 14.12 -35.18	151.31 19.03 -0.19	171.66 17.97 0.00	180.13 20.71 0.00	198.54 23.31 0.00	189.84 22.81 -0.54	201.99 25.43 0.00	188.62 23.36 2.89	179.14 22.35 1.67	178.26 20.21 -14.76	180.66 22.48 1.20	188.57 22.07 2.05	204.12 24.94 0.34	283.91 32.61 -15.04	258.63 31.55 0.00	217.02 28.14 -0.03	189.15 22.71 2.99	179.42 21.39 -4.05	162.04 13.95 -50.51	156.45 12.02 -51.89
SPIERFLS_115KV_TB 1 80737	151.57 5.71 -47.37	148.07 5.35 -50.56	140.35 5.10 -44.23	141.61 5.09 -45.55	140.29 5.28 -38.98	140.53 8.19 -0.24	164.75 11.07 0.00	171.37 11.96 0.00	184.16 8.94 0.00	174.49 7.99 0.00	184.85 8.30 0.00	176.22 8.07 0.00	167.02 8.56 0.00	169.26 7.45 -18.52	167.35 7.97 0.00	176.30 7.75 0.00	188.13 8.62 0.00	248.06 11.81 0.00	238.20 11.13 0.00	198.85 10.01 0.00	179.08 9.66 0.00	170.73 8.93 -7.83	169.87 7.71 -64.58	166.41 7.59 -66.28
ST LAWRENCE____ 23600	94.26 -4.23 0.00	88.20 -3.96 0.00	87.02 -4.00 0.00	86.96 -4.00 0.00	91.90 -4.13 0.00	127.21 -4.88 0.00	149.69 -4.00 0.00	154.47 -4.94 0.00	169.79 -5.43 0.00	161.66 -4.83 0.00	171.43 -5.13 0.00	163.26 -4.88 0.00	153.39 -5.08 0.00	138.85 -4.44 0.00	154.92 -4.46 0.00	164.50 -4.05 0.00	175.20 -4.31 0.00	230.83 -5.42 0.00	221.86 -5.21 0.00	183.36 -5.48 0.00	165.20 -4.23 0.00	150.27 -3.70 0.00	94.45 -3.13 0.00	88.93 -3.61 0.00
STATE_CA_115KV_115_LB 55624	149.42 4.63 -46.30	145.82 4.24 -49.42	138.54 4.28 -43.23	139.67 4.18 -44.53	138.55 4.42 -38.10	138.81 6.47 -0.23	160.29 6.61 0.00	166.27 6.85 0.00	183.11 7.89 0.00	174.15 7.66 0.00	184.50 7.95 0.00	176.05 7.90 0.00	166.55 8.08 0.00	168.46 7.02 -18.15	167.04 7.65 0.00	175.12 6.57 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.53 6.10 0.00	167.50 5.85 -7.68	164.52 3.81 -63.14	161.50 4.16 -64.80
STATE_ST_34_KV_LOAD 55959	104.03 0.89 -4.65	97.96 0.83 -4.97	96.19 0.82 -4.35	96.26 0.82 -4.48	100.82 0.96 -3.83	132.91 0.79 -0.02	155.07 1.38 0.00	161.81 2.39 0.00	177.86 2.63 0.00	168.99 2.50 0.00	179.38 2.82 0.00	170.33 2.19 0.00	160.37 1.90 0.00	148.36 1.58 -3.49	160.66 1.28 0.00	169.56 1.01 0.00	181.13 1.62 0.00	238.61 2.36 0.00	229.12 2.04 0.00	190.92 2.08 0.00	170.61 1.19 0.00	155.29 -0.15 -1.47	104.64 0.49 -6.57	100.12 0.83 -6.75
STATION 5_MISC_HYD 23604	101.98 -0.98 -4.47	95.92 -1.01 -4.77	94.29 -0.91 -4.17	94.44 -0.82 -4.30	99.04 -0.67 -3.68	130.00 -2.12 -0.02	149.22 -4.46 0.00	155.59 -3.83 0.00	170.14 -5.09 0.00	161.50 -4.99 0.00	171.26 -5.29 0.00	161.76 -6.39 0.00	151.96 -6.50 0.00	142.11 -4.59 -3.41	152.22 -7.17 0.00	159.12 -9.44 0.00	169.99 -9.52 0.00	224.21 -12.04 0.00	215.26 -11.82 0.00	179.97 -8.87 0.00	160.11 -9.32 0.00	147.43 -7.23 -0.69	100.96 -2.54 -5.92	97.04 -1.57 -6.08
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	103.19 0.20 -4.50	97.06 0.09 -4.80	95.41 0.18 -4.20	95.56 0.27 -4.32	100.21 0.48 -3.70	131.33 -0.79 -0.02	158.45 4.76 0.00	165.47 6.06 0.00	181.71 6.48 0.00	172.49 5.99 0.00	182.91 6.36 0.00	172.69 4.54 0.00	162.11 3.64 0.00	150.34 3.73 -3.33	162.09 2.71 0.00	170.24 1.69 0.00	182.56 3.05 0.00	240.74 4.49 0.00	230.71 3.63 0.00	192.05 3.21 0.00	171.12 1.69 0.00	156.92 1.54 -1.41	105.82 2.44 -5.80	101.45 2.96 -5.95
STA_56_34_KV_BUS2_REV_LBMP_B 345033	101.55 -1.38 -4.44	95.52 -1.38 -4.73	93.90 -1.27 -4.14	93.95 -1.27 -4.27	98.52 -1.15 -3.65	128.29 -3.83 -0.02	148.61 -5.07 0.00	154.79 -4.62 0.00	169.80 -5.43 0.00	161.17 -5.33 0.00	170.91 -5.65 0.00	161.59 -6.56 0.00	151.97 -6.50 0.00	141.80 -4.87 -3.39	152.05 -7.33 0.00	159.11 -9.44 0.00	170.18 -9.33 0.00	224.20 -12.05 0.00	215.04 -12.03 0.00	179.40 -9.44 0.00	159.94 -9.49 0.00	148.01 -7.39 -1.43	100.57 -2.83 -5.83	96.67 -1.85 -5.98

STA_56___34_KV_BUS2 355983	101.55 -1.38 -4.44	95.52 -1.38 -4.73	93.90 -1.27 -4.14	93.95 -1.27 -4.27	98.52 -1.15 -3.65	128.29 -3.83 -0.02	148.61 -5.07 0.00	154.79 -4.62 0.00	169.80 -5.43 0.00	161.17 -5.33 0.00	170.91 -5.65 0.00	161.59 -6.56 0.00	151.97 -6.50 0.00	141.80 -4.87 -3.39	152.05 -7.33 0.00	159.11 -9.44 0.00	170.18 -9.33 0.00	224.20 -12.05 0.00	215.04 -12.03 0.00	179.40 -9.44 0.00	159.94 -9.49 0.00	148.01 -7.39 -1.43	100.57 -2.83 -5.83	96.67 -1.85 -5.98
STA_67___115KV_BK2 355882	101.77 -1.18 -4.46	95.73 -1.20 -4.77	94.10 -1.09 -4.17	94.25 -1.00 -4.29	98.84 -0.86 -3.67	128.42 -3.70 -0.02	148.77 -4.92 0.00	154.63 -4.78 0.00	169.62 -5.61 0.00	161.00 -5.49 0.00	170.73 -5.83 0.00	161.25 -6.89 0.00	151.65 -6.81 0.00	141.69 -5.02 -3.41	151.73 -7.65 0.00	158.61 -9.94 0.00	169.82 -9.69 0.00	223.73 -12.52 0.00	214.59 -12.49 0.00	179.02 -9.82 0.00	159.60 -9.83 0.00	148.02 -7.39 -1.44	100.66 -2.83 -5.91	96.94 -1.67 -6.07
STA_7___115KV_9TRANS 80674	102.47 -0.49 -4.47	96.38 -0.55 -4.77	94.75 -0.46 -4.17	94.80 -0.45 -4.30	99.51 -0.19 -3.68	129.35 -2.77 -0.02	150.00 -3.69 0.00	156.23 -3.19 0.00	171.37 -3.86 0.00	162.50 -4.00 0.00	172.50 -4.06 0.00	162.77 -5.38 0.00	153.08 -5.39 0.00	142.83 -3.87 -3.41	153.17 -6.22 0.00	160.12 -8.43 0.00	171.43 -8.08 0.00	225.86 -10.40 0.00	216.86 -10.22 0.00	180.91 -7.93 0.00	161.13 -8.30 0.00	149.25 -6.16 -1.44	101.45 -2.05 -5.92	97.59 -1.02 -6.08
STA_82___115KV_TB1 80780	101.90 -1.08 -4.49	95.85 -1.11 -4.79	94.22 -1.00 -4.19	94.28 -1.00 -4.32	98.86 -0.86 -3.70	128.55 -3.57 -0.02	148.92 -4.76 0.00	154.79 -4.62 0.00	169.80 -5.43 0.00	161.17 -5.33 0.00	170.91 -5.65 0.00	161.42 -6.73 0.00	151.81 -6.66 0.00	141.84 -4.87 -3.42	151.89 -7.49 0.00	158.78 -9.78 0.00	170.00 -9.51 0.00	223.97 -12.29 0.00	214.81 -12.26 0.00	179.21 -9.63 0.00	159.77 -9.66 0.00	148.03 -7.39 -1.45	100.79 -2.73 -5.95	97.07 -1.57 -6.10
STEEL___WIND 323596	100.95 -3.54 -6.00	95.44 -3.13 -6.41	93.63 -3.00 -5.61	93.82 -2.91 -5.77	98.28 -2.69 -4.94	125.79 -6.34 -0.03	147.53 -6.15 0.00	152.73 -6.69 -0.01	166.83 -8.41 -0.01	158.02 -8.49 -0.01	167.74 -8.82 -0.01	158.58 -9.58 -0.01	149.13 -9.35 -0.01	136.31 -11.03 -4.05	149.04 -10.36 -0.01	154.22 -14.33 0.00	164.08 -15.44 -0.01	215.94 -20.32 -0.01	207.55 -19.53 -0.01	174.68 -14.17 -0.01	154.86 -14.57 0.00	139.84 -15.08 -0.95	99.35 -6.34 -8.12	96.24 -4.62 -8.33
STEPHTWN_115KV_BK_2 55603	149.91 5.61 -45.81	146.22 5.16 -48.89	138.90 5.10 -42.78	140.02 5.00 -44.06	139.01 5.28 -37.70	140.12 7.79 -0.23	162.29 8.61 0.00	168.50 9.09 0.00	185.57 10.34 0.00	176.48 9.99 0.00	186.80 10.24 0.00	178.40 10.26 0.00	168.61 10.14 0.00	170.15 8.88 -17.98	169.11 9.72 0.00	177.32 8.76 0.00	188.13 8.62 0.00	247.35 11.10 0.00	237.97 10.90 0.00	198.66 9.82 0.00	177.90 8.47 0.00	169.43 7.85 -7.60	165.03 4.98 -62.48	161.85 5.18 -64.13
STEUBEN_REC_LFGE 323667	107.83 1.18 -8.15	102.25 1.38 -8.70	100.01 1.37 -7.61	100.26 1.46 -7.84	104.66 1.92 -6.71	135.05 2.91 -0.04	157.84 4.15 0.00	163.72 4.30 0.00	179.44 4.21 0.00	169.83 3.33 0.00	180.09 3.53 0.00	170.67 2.52 0.00	160.37 1.90 0.00	147.52 -0.72 -4.95	160.50 1.12 0.00	168.55 0.00 0.00	180.23 0.72 0.00	237.67 1.42 0.00	227.99 0.91 0.00	190.54 1.70 0.00	169.60 0.17 0.00	152.83 -3.23 -2.09	108.61 -0.29 -11.33	104.90 0.74 -11.63
STILLWATER___SOLAR 323814	151.44 5.81 -47.14	147.92 5.44 -50.32	140.42 5.37 -44.02	141.57 5.27 -45.34	140.39 5.57 -38.80	140.40 8.06 -0.24	163.53 9.84 0.00	168.66 9.24 0.00	185.74 10.51 0.00	176.15 9.65 0.00	186.79 10.24 0.00	178.06 9.92 0.00	168.62 10.15 0.00	170.61 8.89 -18.44	169.11 9.72 0.00	178.15 9.60 0.00	189.92 10.41 0.00	249.95 13.70 0.00	240.24 13.17 0.00	200.36 11.52 0.00	179.94 10.51 0.00	171.19 9.71 -7.52	168.58 6.73 -64.28	165.08 6.57 -65.97
STONY___BROOK 24151	146.86 11.22 -37.14	141.95 10.14 -39.64	135.18 9.47 -34.68	136.69 10.01 -35.72	142.05 10.85 -35.18	146.43 14.14 -0.19	164.60 10.91 0.00	172.49 13.07 0.00	189.95 14.72 0.00	181.84 14.81 -0.54	192.79 16.23 0.00	178.04 14.46 4.57	169.89 14.27 2.84	170.16 13.17 -13.69	171.54 14.50 2.35	178.60 13.82 3.78	191.99 15.61 3.13	272.31 21.02 -15.04	247.06 19.99 0.00	206.62 17.75 -0.03	178.93 14.23 4.73	171.57 14.63 -2.97	158.05 10.15 -50.33	153.12 8.70 -51.89
STURGEON_POOL_HYD 23609	144.53 7.88 -38.16	139.62 6.73 -40.73	133.30 6.65 -35.63	134.48 6.82 -36.70	134.63 7.20 -31.40	142.60 10.30 -0.19	163.83 10.14 0.00	171.21 11.80 0.00	187.84 12.62 0.00	180.48 13.99 0.00	190.86 14.30 0.00	182.10 13.96 0.00	171.94 13.47 0.00	170.37 11.46 -15.62	172.77 13.39 0.00	182.37 13.82 0.00	194.23 14.72 0.00	255.86 19.61 0.00	246.15 19.07 0.00	205.46 16.62 0.00	183.66 14.23 0.00	173.05 12.47 -6.61	159.18 8.49 -53.11	154.08 7.03 -54.51
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	140.59 7.29 -34.81	135.68 6.36 -37.16	129.72 6.19 -32.50	130.81 6.37 -33.48	131.40 6.72 -28.65	141.13 8.85 -0.18	162.29 8.61 0.00	169.62 10.20 0.00	186.27 11.04 0.00	177.05 10.49 -0.07	187.15 10.59 0.00	178.57 10.43 0.00	169.02 10.46 -0.09	167.41 9.46 -14.67	170.02 10.36 -0.28	178.78 10.11 -0.12	191.69 10.59 -1.59	255.07 13.47 -5.36	240.47 13.40 0.00	200.94 12.09 -0.01	179.76 10.34 0.00	169.63 9.70 -5.96	151.58 6.83 -47.17	146.65 5.74 -48.38
SWANROAD_115KV_TB1 355699	98.02 -6.01 -5.53	92.63 -5.44 -5.91	90.91 -5.28 -5.17	91.10 -5.18 -5.32	95.39 -5.19 -4.55	122.35 -9.78 -0.03	140.47 -13.22 0.00	145.07 -14.35 0.00	158.76 -16.47 0.00	150.52 -15.98 0.00	159.61 -16.95 0.00	149.99 -18.16 0.00	141.04 -17.43 0.00	130.95 -16.19 -3.85	141.06 -18.33 0.00	145.97 -22.59 0.00	155.64 -23.88 0.00	205.07 -31.19 0.00	196.65 -30.43 0.00	164.68 -24.17 0.00	146.39 -23.04 0.00	135.74 -19.86 -1.63	95.36 -9.66 -7.44	92.96 -7.22 -7.64
SYNERGY___BIOGAS 323694	102.64 -0.98 -5.13	96.63 -1.01 -5.48	94.91 -0.91 -4.79	95.07 -0.82 -4.93	99.77 -0.48 -4.22	129.48 -2.64 -0.03	149.69 -4.00 0.00	155.76 -3.66 0.00	170.32 -4.91 0.00	161.33 -5.16 0.00	170.90 -5.66 0.00	160.08 -8.07 0.00	150.22 -8.25 0.00	139.52 -7.46 -3.69	150.31 -9.08 0.00	155.91 -12.64 0.00	166.77 -12.74 0.00	219.96 -16.30 0.00	211.18 -15.90 0.00	177.14 -11.71 0.00	156.89 -12.54 0.00	143.84 -10.93 -0.80	100.35 -4.09 -6.86	97.09 -2.49 -7.05
SYRACUSE___ENERGY_ST1 323597	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36
SYRACUSE___ENERGY_ST2 323598	102.67 0.39 -3.78	96.66 0.46 -4.04	94.92 0.36 -3.53	95.05 0.45 -3.64	99.52 0.38 -3.11	131.99 -0.13 -0.02	153.22 -0.46 0.00	159.73 0.32 0.00	175.58 0.35 0.00	166.66 0.17 0.00	176.91 0.35 0.00	168.15 0.00 0.00	158.63 0.16 0.00	146.36 0.00 -3.07	158.91 -0.48 0.00	168.05 -0.51 0.00	179.15 -0.36 0.00	236.01 -0.24 0.00	226.62 -0.45 0.00	188.84 0.00 0.00	168.92 -0.51 0.00	154.19 -1.08 -1.30	102.71 -0.10 -5.23	98.18 0.28 -5.36

SYRACUSE___POWER 24017	102.87 0.39 -3.98	96.78 0.37 -4.25	95.11 0.36 -3.72	95.15 0.36 -3.83	99.69 0.38 -3.28	131.99 -0.13 -0.02	153.07 -0.61 0.00	159.57 0.16 0.00	175.23 0.00 0.00	166.49 0.00 0.00	176.56 0.00 0.00	167.98 -0.17 0.00	158.31 -0.16 0.00	146.12 -0.29 -3.12	158.75 -0.64 0.00	167.71 -0.84 0.00	178.79 -0.72 0.00	235.54 -0.71 0.00	226.17 -0.91 0.00	188.65 -0.19 0.00	168.75 -0.68 0.00	154.06 -1.23 -1.32	102.84 -0.20 -5.46	98.42 0.28 -5.61
TALLMAN___138KV_BK151 55660	142.26 8.08 -35.69	137.36 7.10 -38.10	131.18 6.83 -33.33	132.29 7.00 -34.33	132.89 7.49 -29.37	142.05 9.78 -0.18	163.21 9.53 0.00	171.05 11.64 0.00	187.84 12.62 0.00	178.93 12.15 -0.28	188.92 12.36 0.00	180.25 12.11 0.00	170.85 12.20 -0.18	169.62 11.03 -15.30	171.92 12.11 -0.42	180.67 11.63 -0.49	194.12 12.21 -2.40	260.17 15.83 -8.09	242.52 15.44 0.00	202.84 13.97 -0.02	181.46 12.03 0.00	171.32 11.24 -6.11	153.98 7.81 -48.60	148.74 6.48 -49.73
TEALLAVE_115KV_TB7 355573	101.71 -0.10 -3.32	95.62 -0.09 -3.54	94.04 -0.09 -3.10	94.06 -0.09 -3.19	98.66 -0.10 -2.73	131.19 -0.92 -0.02	152.00 -1.69 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.50 -1.00 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.10 -1.00 -2.81	157.63 -1.75 0.00	166.53 -2.02 0.00	177.54 -1.97 0.00	233.65 -2.60 0.00	224.35 -2.72 0.00	187.14 -1.70 0.00	167.39 -2.03 0.00	152.85 -2.31 -1.19	101.44 -0.68 -4.55	97.02 -0.19 -4.67
TELGRAPH_34_KV_EAST 80808	100.82 -2.95 -5.28	95.04 -2.76 -5.64	93.32 -2.64 -4.93	93.50 -2.55 -5.08	98.07 -2.30 -4.35	126.58 -5.55 -0.03	146.16 -7.53 0.00	151.45 -7.97 0.00	165.77 -9.46 0.00	157.01 -9.49 0.00	166.67 -9.89 0.00	155.87 -12.27 0.00	146.43 -12.04 0.00	136.01 -11.03 -3.75	146.32 -13.07 0.00	151.70 -16.86 0.00	162.28 -17.23 0.00	213.81 -22.44 0.00	205.05 -22.03 0.00	171.47 -17.37 0.00	152.32 -17.11 0.00	140.77 -14.78 -1.59	98.12 -6.54 -7.09	95.46 -4.35 -7.27
TEMPLE___115KV_TB 2 55572	101.76 -0.10 -3.37	95.66 -0.09 -3.59	94.17 0.00 -3.14	94.20 0.00 -3.24	98.70 -0.10 -2.77	131.19 -0.92 -0.02	152.15 -1.54 0.00	158.62 -0.80 0.00	174.35 -0.88 0.00	165.66 -0.83 0.00	175.67 -0.88 0.00	167.14 -1.01 0.00	157.52 -0.95 0.00	145.13 -1.00 -2.84	157.79 -1.59 0.00	166.70 -1.85 0.00	177.72 -1.80 0.00	233.89 -2.36 0.00	224.58 -2.50 0.00	187.33 -1.51 0.00	167.56 -1.86 0.00	153.02 -2.16 -1.20	101.50 -0.68 -4.61	97.17 -0.09 -4.73
TIANA___69_KV_BK 1 55817	147.85 12.21 -37.14	142.78 10.97 -39.64	136.00 10.29 -34.68	137.51 10.82 -35.72	143.01 11.81 -35.18	148.01 15.72 -0.19	167.67 13.99 0.00	175.83 16.42 0.00	193.80 18.57 0.00	185.51 18.48 -0.54	196.86 20.30 0.00	183.75 18.50 2.89	174.86 18.07 1.68	174.38 16.34 -14.76	176.51 18.33 1.20	184.20 17.70 2.05	198.92 19.75 0.34	276.57 25.28 -15.04	252.73 25.66 0.00	211.54 22.66 -0.03	184.73 18.30 2.99	175.84 17.40 -4.47	158.92 10.83 -50.51	153.68 9.25 -51.89
TILDEN___115KV_TB1 80814	102.87 0.39 -3.98	96.78 0.37 -4.25	95.11 0.36 -3.72	95.15 0.36 -3.83	99.69 0.38 -3.28	131.99 -0.13 -0.02	153.07 -0.61 0.00	159.57 0.16 0.00	175.23 0.00 0.00	166.49 0.00 0.00	176.56 0.00 0.00	167.98 -0.17 0.00	158.31 -0.16 0.00	146.12 -0.29 -3.12	158.75 -0.64 0.00	167.71 -0.84 0.00	178.79 -0.72 0.00	235.54 -0.71 0.00	226.17 -0.91 0.00	188.65 -0.19 0.00	168.75 -0.68 0.00	154.06 -1.23 -1.32	102.84 -0.20 -5.46	98.42 0.28 -5.61
TRIGEN___CC 323695	145.88 10.24 -37.14	140.84 9.03 -39.64	134.36 8.65 -34.68	135.69 9.01 -35.72	140.81 9.60 -35.18	144.97 12.68 -0.19	165.67 11.99 0.00	173.92 14.51 0.00	191.35 16.12 0.00	183.01 15.98 -0.54	192.98 16.42 0.00	183.62 15.47 0.00	174.33 15.53 -0.34	174.06 14.19 -16.59	175.78 15.62 -0.78	184.47 15.00 -0.92	199.95 15.98 -4.46	271.85 20.55 -15.05	247.29 20.21 0.00	206.82 17.94 -0.03	184.51 15.08 0.00	174.63 14.32 -6.34	157.68 9.27 -50.83	152.29 7.87 -51.89
TRINITY___115KV___ 4 BK 55933	148.76 4.33 -45.94	145.16 3.96 -49.03	137.93 4.01 -42.90	139.05 3.91 -44.18	137.96 4.13 -37.81	138.28 5.94 -0.23	159.53 5.84 0.00	165.47 6.06 0.00	182.24 7.01 0.00	173.32 6.83 0.00	183.62 7.06 0.00	175.21 7.06 0.00	165.60 7.13 0.00	167.62 6.30 -18.02	166.24 6.85 0.00	174.45 5.90 0.00	184.72 5.21 0.00	242.87 6.62 0.00	233.43 6.36 0.00	194.89 6.04 0.00	174.68 5.25 0.00	166.67 5.08 -7.62	163.65 3.42 -62.65	160.64 3.79 -64.30
UNION___PROCESSING_DRP 323587	101.90 -1.08 -4.50	95.86 -1.11 -4.80	94.22 -1.00 -4.20	94.38 -0.91 -4.32	98.96 -0.77 -3.70	128.55 -3.57 -0.02	148.92 -4.76 0.00	154.95 -4.46 0.00	169.97 -5.26 0.00	161.17 -5.33 0.00	171.08 -5.47 0.00	161.59 -6.56 0.00	151.97 -6.50 0.00	141.84 -4.87 -3.42	152.05 -7.33 0.00	158.94 -9.61 0.00	170.00 -9.51 0.00	223.97 -12.29 0.00	215.04 -12.03 0.00	179.40 -9.44 0.00	159.77 -9.66 0.00	148.18 -7.24 -1.45	100.89 -2.63 -5.95	97.07 -1.57 -6.11
UPPER HUDSON___HYD 24058	151.57 5.71 -47.37	148.06 5.34 -50.56	140.35 5.09 -44.23	141.61 5.09 -45.55	140.29 5.28 -38.98	140.40 8.06 -0.24	164.76 11.07 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	184.86 8.30 0.00	176.38 8.24 0.00	167.02 8.55 0.00	169.26 7.45 -18.52	167.35 7.97 0.00	176.31 7.76 0.00	188.13 8.62 0.00	247.82 11.57 0.00	238.20 11.12 0.00	198.84 10.00 0.00	179.08 9.65 0.00	170.45 8.93 -7.55	169.87 7.71 -64.58	166.41 7.59 -66.28
UPPER RAQUET___HYD 24056	91.31 -7.19 0.00	85.44 -6.72 0.00	84.20 -6.83 0.00	84.14 -6.82 0.00	89.21 -6.82 0.00	123.51 -8.58 0.00	147.08 -6.60 0.00	152.08 -7.33 0.00	167.70 -7.53 0.00	159.51 -6.99 0.00	169.49 -7.07 0.00	161.09 -7.06 0.00	151.50 -6.97 0.00	137.59 -6.16 -0.46	152.70 -6.69 0.00	162.15 -6.40 0.00	172.69 -6.82 0.00	227.98 -8.28 0.00	219.12 -7.95 0.00	180.73 -8.11 0.00	162.65 -6.78 0.00	147.81 -6.16 0.00	93.28 -4.29 0.00	86.43 -6.11 0.00
VALLEY44_115KV_TB2 355964	100.42 -4.73 -6.66	95.12 -4.15 -7.10	93.24 -4.01 -6.22	93.45 -3.91 -6.40	97.76 -3.75 -5.48	130.41 -1.72 -0.03	151.84 -1.84 0.00	156.71 -2.71 -0.01	171.38 -3.86 -0.01	162.00 -4.50 -0.01	171.80 -4.77 -0.01	163.28 -4.88 -0.01	153.56 -4.91 -0.01	135.85 -11.75 -4.31	153.81 -5.58 -0.01	159.62 -8.93 0.00	170.18 -9.33 -0.01	223.26 -12.99 -0.01	214.36 -12.72 -0.01	180.16 -8.69 -0.01	160.45 -8.98 0.00	140.24 -15.55 -1.82	99.59 -7.03 -9.04	96.45 -5.37 -9.28
VALLEY___115KV_TB 1-4 80826	101.54 3.05 0.00	94.93 2.76 0.00	93.58 2.55 0.00	93.51 2.55 0.00	98.71 2.69 0.00	135.80 3.70 0.00	157.37 3.69 0.00	163.56 4.14 0.00	180.13 4.91 0.00	170.99 4.50 0.00	182.03 5.47 0.00	173.53 5.38 0.00	163.70 5.23 0.00	148.32 4.59 -0.44	163.69 4.30 0.00	172.43 3.88 0.00	183.28 3.77 0.00	240.98 4.73 0.00	231.39 4.31 0.00	192.81 3.97 0.00	172.82 3.39 0.00	157.39 3.23 -0.19	99.82 2.24 0.00	94.57 2.04 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	123.78 8.96 -16.33	118.07 8.48 -17.43	114.28 8.01 -15.24	114.67 8.00 -15.70	118.10 8.64 -13.44	143.94 11.76 -0.08	167.21 13.52 0.00	174.72 15.30 0.00	193.10 17.87 0.00	182.65 16.15 0.00	194.04 17.48 0.00	184.79 16.65 0.00	174.16 15.69 0.00	165.03 13.61 -8.13	173.57 14.19 0.00	182.71 14.16 0.00	194.77 15.26 0.00	256.57 20.32 0.00	246.83 19.76 0.00	206.41 17.56 0.00	184.85 15.42 0.00	170.80 13.40 -3.44	128.81 8.98 -22.26	123.71 8.33 -22.84

VISCHER___FERRY HYD 24020	149.88 4.92 -46.47	146.37 4.61 -49.60	138.97 4.55 -43.39	140.20 4.55 -44.69	138.97 4.70 -38.24	139.20 6.86 -0.24	161.06 7.38 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	185.03 8.47 0.00	176.55 8.40 0.00	167.02 8.55 0.00	168.93 7.45 -18.20	167.67 8.28 0.00	176.64 8.09 0.00	187.95 8.44 0.00	247.12 10.87 0.00	237.53 10.45 0.00	198.09 9.25 0.00	177.90 8.47 0.00	169.38 8.00 -7.41	166.11 5.17 -63.37	162.75 5.18 -65.03
V_A_10_SYNC_DSASP 323832	99.83 -3.64 -4.98	94.16 -3.31 -5.31	92.49 -3.19 -4.65	92.66 -3.09 -4.79	97.15 -2.98 -4.10	125.92 -6.21 -0.03	143.08 -10.60 0.00	148.57 -10.85 0.00	162.26 -12.96 0.00	153.83 -12.66 0.00	163.31 -13.24 0.00	154.19 -13.95 0.00	144.84 -13.63 0.00	136.03 -10.90 -3.63	145.04 -14.34 0.00	150.68 -17.87 0.00	160.66 -18.85 0.00	211.67 -24.58 0.00	203.23 -23.84 0.00	170.53 -18.31 0.00	151.46 -17.96 0.00	140.43 -14.31 -0.78	98.00 -6.25 -6.67	94.75 -4.62 -6.84
V_CMM_10_SYNC_DSASP 323787	94.65 -3.84 0.00	88.57 -3.60 0.00	87.38 -3.64 0.00	87.23 -3.73 0.00	92.38 -3.65 0.00	127.74 -4.36 0.00	150.16 -3.53 0.00	154.95 -4.46 0.00	170.50 -4.72 0.00	162.17 -4.33 0.00	172.15 -4.41 0.00	163.77 -4.37 0.00	154.03 -4.44 0.00	139.28 -4.01 0.00	155.41 -3.98 0.00	165.00 -3.55 0.00	175.73 -3.78 0.00	231.76 -4.50 0.00	222.75 -4.32 0.00	184.13 -4.71 0.00	165.70 -3.73 0.00	150.73 -3.24 0.00	94.84 -2.73 0.00	89.30 -3.24 0.00
V_CMP_10_SYNC_DSASP 323788	96.52 -1.97 0.00	90.22 -1.94 0.00	89.30 -1.73 0.00	88.69 -2.27 0.00	94.30 -1.73 0.00	128.14 -3.96 0.00	147.38 -6.31 0.00	153.19 -6.22 0.00	169.09 -6.14 0.00	162.01 -4.49 0.00	171.97 -4.59 0.00	162.76 -5.39 0.00	155.30 -3.17 0.00	140.14 -3.15 0.00	156.03 -3.35 0.00	162.65 -5.90 0.00	172.69 -6.82 0.00	228.93 -7.33 0.00	220.27 -6.81 0.00	181.48 -7.37 0.00	162.99 -6.44 0.00	150.58 -3.39 0.00	95.43 -2.15 0.00	91.33 -1.21 0.00
V_D_10_SYNC_DSASP 323841	93.86 -4.63 0.00	87.83 -4.33 0.00	86.66 -4.37 0.00	86.51 -4.46 0.00	91.61 -4.42 0.00	127.08 -5.02 0.00	150.45 -3.23 0.00	155.44 -3.98 0.00	170.85 -4.37 0.00	162.67 -3.82 0.00	172.84 -3.72 0.00	164.45 -3.70 0.00	154.51 -3.96 0.00	139.85 -3.44 0.00	155.88 -3.51 0.00	165.52 -3.03 0.00	176.29 -3.23 0.00	232.46 -3.79 0.00	223.43 -3.64 0.00	184.51 -4.34 0.00	166.04 -3.39 0.00	151.04 -2.93 0.00	95.14 -2.44 0.00	88.65 -3.88 0.00
V_E_10_SYNC_DSASP 323830	122.42 12.21 -11.71	116.00 11.33 -12.50	112.61 10.65 -10.94	112.95 10.73 -11.27	117.38 11.71 -9.64	148.40 16.24 -0.06	174.74 21.06 0.00	182.86 23.44 0.00	201.50 26.28 0.00	189.31 22.81 0.00	201.27 24.72 0.00	191.18 23.04 0.00	180.34 21.88 0.00	168.65 19.06 -6.30	179.31 19.92 0.00	189.62 21.07 0.00	202.68 23.17 0.00	268.87 32.61 0.00	258.19 31.11 0.00	215.85 27.00 0.00	192.47 23.04 0.00	174.16 18.31 -1.87	125.80 12.20 -16.03	120.46 11.47 -16.45
V_F_30_NSYNC___DSASP 323816	151.64 5.91 -47.24	148.21 5.62 -50.42	140.60 5.46 -44.11	141.76 5.37 -45.43	140.57 5.66 -38.88	140.53 8.19 -0.24	163.83 10.14 0.00	168.98 9.56 0.00	186.10 10.87 0.00	176.48 9.99 0.00	187.15 10.59 0.00	178.40 10.26 0.00	168.92 10.46 0.00	170.94 9.18 -18.47	169.43 10.05 0.00	178.49 9.94 0.00	190.28 10.77 0.00	250.43 14.17 0.00	240.70 13.62 0.00	200.75 11.90 0.00	180.28 10.85 0.00	171.51 10.00 -7.53	168.92 6.93 -64.41	165.31 6.67 -66.11
V_F_30_SYNC_DSASP 323786	149.39 4.63 -46.27	145.79 4.24 -49.38	138.51 4.28 -43.20	139.64 4.18 -44.50	138.52 4.42 -38.08	138.81 6.47 -0.23	160.14 6.45 0.00	166.27 6.85 0.00	183.11 7.89 0.00	174.15 7.66 0.00	184.33 7.77 0.00	176.05 7.90 0.00	166.39 7.92 0.00	168.45 7.02 -18.14	167.04 7.65 0.00	175.12 6.57 0.00	185.62 6.10 0.00	244.05 7.80 0.00	234.57 7.49 0.00	195.83 6.99 0.00	175.36 5.93 0.00	167.49 5.85 -7.67	164.48 3.81 -63.10	161.46 4.16 -64.76
V_XM_10_SYNC_DSASP 323789	96.52 -1.97 0.00	90.22 -1.94 0.00	89.30 -1.73 0.00	88.69 -2.27 0.00	94.30 -1.73 0.00	128.14 -3.96 0.00	147.38 -6.31 0.00	153.19 -6.22 0.00	169.09 -6.14 0.00	162.01 -4.49 0.00	171.97 -4.59 0.00	162.76 -5.39 0.00	155.30 -3.17 0.00	140.14 -3.15 0.00	156.03 -3.35 0.00	162.65 -5.90 0.00	172.69 -6.82 0.00	228.93 -7.33 0.00	220.27 -6.81 0.00	181.48 -7.37 0.00	162.99 -6.44 0.00	150.58 -3.39 0.00	95.43 -2.15 0.00	91.33 -1.21 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	142.75 8.37 -35.88	137.84 7.37 -38.30	131.63 7.10 -33.51	132.75 7.28 -34.51	133.34 7.78 -29.53	142.45 10.17 -0.18	163.83 10.14 0.00	171.53 12.12 0.00	188.55 13.32 0.00	179.45 12.65 -0.30	189.45 12.89 0.00	180.93 12.78 0.00	171.34 12.68 -0.19	170.18 11.46 -15.42	172.42 12.59 -0.44	181.37 12.30 -0.52	194.98 12.92 -2.55	261.38 16.54 -8.59	243.42 16.35 0.00	203.59 14.73 -0.02	181.97 12.54 0.00	171.96 11.86 -6.14	154.57 8.10 -48.89	149.41 6.85 -50.02
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	145.00 9.36 -37.15	139.93 8.11 -39.65	133.55 7.83 -34.69	134.79 8.10 -35.73	135.24 8.64 -30.57	143.78 11.49 -0.19	165.06 11.37 0.00	173.30 13.87 -0.01	190.48 15.24 -0.01	187.37 14.98 -5.89	191.57 15.01 -0.01	182.96 14.80 -0.01	175.10 14.74 -1.89	176.10 13.33 -19.48	176.37 14.82 -2.16	193.17 14.50 -10.12	207.21 15.26 -12.44	297.80 19.61 -41.94	245.93 18.85 -0.01	205.74 16.81 -0.09	183.84 14.40 -0.01	173.91 13.55 -6.39	160.34 9.17 -53.59	152.12 7.68 -51.90
W50THST__13_KV_LOAD 356117	145.39 9.75 -37.15	140.30 8.48 -39.65	133.91 8.19 -34.69	135.24 8.55 -35.73	135.63 9.03 -30.57	144.44 12.15 -0.19	165.99 12.29 0.00	174.41 14.98 -0.01	191.71 16.47 -0.01	188.53 16.15 -5.89	192.81 16.24 -0.01	184.13 15.97 -0.01	176.21 15.85 -1.89	177.10 14.33 -19.48	177.48 15.94 -2.16	194.35 15.68 -10.12	208.46 16.52 -12.44	299.45 21.26 -41.94	247.30 20.21 -0.01	207.06 18.13 -0.09	184.69 15.25 -0.01	174.99 14.63 -6.39	160.93 9.76 -53.59	152.58 8.14 -51.90
WADING RIVER_IC_1 23522	146.86 11.22 -37.14	141.86 10.05 -39.64	135.00 9.29 -34.68	136.51 9.83 -35.72	141.96 10.75 -35.18	146.56 14.27 -0.19	165.99 12.30 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.77 16.49 2.87	172.98 16.17 1.66	172.82 14.76 -14.77	174.78 16.58 1.18	182.36 15.84 2.03	197.34 18.12 0.30	274.69 23.39 -15.04	250.25 23.17 0.00	209.28 20.40 -0.03	182.89 16.43 2.97	174.05 16.01 -4.07	158.63 10.54 -50.52	153.40 8.97 -51.89
WADING RIVER_IC_2 23547	146.86 11.22 -37.14	141.86 10.05 -39.64	135.00 9.29 -34.68	136.51 9.83 -35.72	141.96 10.75 -35.18	146.56 14.27 -0.19	165.99 12.30 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.77 16.49 2.87	172.98 16.17 1.66	172.82 14.76 -14.77	174.78 16.58 1.18	182.36 15.84 2.03	197.34 18.12 0.30	274.69 23.39 -15.04	250.25 23.17 0.00	209.28 20.40 -0.03	182.89 16.43 2.97	174.05 16.01 -4.07	158.63 10.54 -50.52	153.40 8.97 -51.89
WADING RIVER_IC_3 23601	146.86 11.22 -37.14	141.86 10.05 -39.64	135.00 9.29 -34.68	136.51 9.83 -35.72	141.96 10.75 -35.18	146.56 14.27 -0.19	165.99 12.30 0.00	174.07 14.66 0.00	191.70 16.47 0.00	183.52 16.49 -0.54	194.92 18.36 0.00	181.77 16.49 2.87	172.98 16.17 1.66	172.82 14.76 -14.77	174.78 16.58 1.18	182.36 15.84 2.03	197.34 18.12 0.30	274.69 23.39 -15.04	250.25 23.17 0.00	209.28 20.40 -0.03	182.89 16.43 2.97	174.05 16.01 -4.07	158.63 10.54 -50.52	153.40 8.97 -51.89

WALDENNY_12_KV_BK2 80841	100.90 -3.55 -5.95	95.39 -3.13 -6.35	93.58 -3.00 -5.56	93.78 -2.91 -5.73	98.24 -2.69 -4.90	127.50 -4.62 -0.03	147.23 -6.45 0.00	152.09 -7.33 -0.01	166.65 -8.59 -0.01	157.84 -8.66 -0.01	167.56 -9.00 -0.01	158.23 -9.92 -0.01	148.81 -9.67 -0.01	136.43 -10.89 -4.03	148.71 -10.68 -0.01	153.89 -14.66 0.00	164.08 -15.44 -0.01	216.18 -20.08 -0.01	207.33 -19.76 -0.01	173.55 -15.30 -0.01	154.35 -15.08 0.00	140.89 -14.78 -1.70	99.18 -6.44 -8.04	96.35 -4.44 -8.26
WALDEN___HYDRO 24148	142.94 8.37 -36.08	137.96 7.28 -38.51	131.82 7.10 -33.69	132.85 7.19 -34.70	133.40 7.68 -29.70	142.58 10.30 -0.18	164.29 10.60 0.00	172.01 12.59 0.00	187.67 12.44 0.00	183.31 16.82 0.00	194.04 17.48 0.00	185.13 16.98 0.00	174.63 16.16 0.00	173.19 14.47 -15.43	175.48 16.10 0.00	185.24 16.69 0.00	197.46 17.95 0.00	260.59 24.33 0.00	250.92 23.84 0.00	209.24 20.40 0.00	186.88 17.45 0.00	176.51 16.01 -6.53	160.58 10.64 -52.36	155.44 9.16 -53.74
WARRENSBURG___ 23737	151.57 5.71 -47.37	148.06 5.34 -50.56	140.35 5.09 -44.23	141.61 5.09 -45.55	140.29 5.28 -38.98	140.40 8.06 -0.24	164.76 11.07 0.00	166.91 7.49 0.00	183.99 8.76 0.00	174.49 7.99 0.00	184.86 8.30 0.00	176.38 8.24 0.00	167.02 8.55 0.00	169.26 7.45 -18.52	167.35 7.97 0.00	176.31 7.76 0.00	188.13 8.62 0.00	247.82 11.57 0.00	238.20 11.12 0.00	198.84 10.00 0.00	179.08 9.65 0.00	170.45 8.93 -7.55	169.87 7.71 -64.58	166.41 7.59 -66.28
WATERSIDE___6 8 9 23538	145.60 9.95 -37.16	140.49 8.66 -39.67	134.11 8.37 -34.70	135.34 8.64 -35.74	135.83 9.22 -30.59	144.58 12.29 -0.19	165.99 12.29 -0.01	173.78 14.35 -0.02	190.84 15.60 -0.02	191.00 15.15 -9.36	192.11 15.54 -0.02	183.30 15.13 -0.02	176.27 14.90 -2.90	178.12 13.47 -21.36	177.26 14.82 -3.05	199.29 14.66 -16.08	212.37 15.26 -17.60	315.45 19.85 -59.35	246.39 19.30 -0.02	205.96 17.00 -0.12	184.35 14.91 -0.02	174.25 13.86 -6.42	162.42 9.46 -55.38	152.69 8.24 -51.92
WATKINRD_115KV_LN8_ILLION 55919	101.15 2.66 0.00	94.56 2.40 0.00	93.30 2.28 0.00	93.24 2.27 0.00	98.43 2.40 0.00	135.40 3.30 0.00	157.07 3.38 0.00	163.24 3.83 0.00	179.61 4.38 0.00	170.49 4.00 0.00	181.15 4.59 0.00	172.52 4.37 0.00	162.90 4.44 0.00	147.60 3.87 -0.44	163.21 3.83 0.00	172.26 3.71 0.00	183.28 3.77 0.00	240.98 4.73 0.00	231.62 4.54 0.00	192.81 3.97 0.00	172.99 3.56 0.00	157.39 3.23 -0.19	99.82 2.24 0.00	94.66 2.13 0.00
WATSON___69_KV_BK 1 55734	147.94 12.31 -37.14	142.87 11.06 -39.64	136.18 10.47 -34.68	137.60 10.92 -35.72	143.01 11.81 -35.18	148.01 15.72 -0.19	167.98 14.29 0.00	176.15 16.74 0.00	193.98 18.75 0.00	185.84 18.81 -0.54	196.86 20.30 0.00	183.56 18.50 3.08	174.88 18.22 1.81	174.55 16.62 -14.63	176.54 18.49 1.33	184.17 17.87 2.25	198.42 19.57 0.66	277.05 25.75 -15.04	252.73 25.66 0.00	211.16 22.28 -0.03	184.53 18.30 3.19	175.56 17.24 -4.35	159.00 10.93 -50.49	153.86 9.44 -51.89
WDELAWARE___HYD 323627	141.56 9.55 -33.52	136.24 8.30 -35.78	130.43 8.10 -31.30	131.47 8.28 -32.24	132.44 8.83 -27.59	143.90 11.63 -0.17	166.43 12.75 0.00	173.77 14.35 0.00	190.46 15.24 0.00	182.32 15.83 0.00	192.98 16.42 0.00	184.13 15.98 0.00	173.53 15.06 0.00	170.70 13.47 -13.95	174.21 14.83 0.00	184.05 15.50 0.00	196.38 16.87 0.00	259.65 23.39 0.00	249.34 22.27 0.00	208.11 19.27 0.00	185.86 16.43 0.00	174.51 15.10 -5.45	154.40 10.24 -46.58	149.04 8.70 -47.80
WEST BABYLON___IC 23714	147.65 12.02 -37.14	142.59 10.78 -39.64	135.91 10.20 -34.68	137.32 10.64 -35.72	142.73 11.52 -35.18	147.48 15.19 -0.19	167.83 14.14 0.00	176.15 16.74 0.00	193.98 18.75 0.00	185.68 18.65 -0.54	196.51 19.95 0.00	184.36 18.16 1.95	175.36 17.91 1.02	174.98 16.34 -15.35	177.00 18.17 0.55	185.00 17.53 1.08	199.95 19.21 -1.23	276.58 25.28 -15.05	252.05 24.98 0.00	210.78 21.91 -0.03	185.37 17.96 2.01	175.99 16.94 -5.08	158.83 10.64 -50.62	153.59 9.16 -51.89
WEST CANADA___HYD 24049	100.27 1.77 0.00	93.83 1.66 0.00	92.57 1.55 0.00	92.51 1.54 0.00	97.66 1.63 0.00	134.34 2.24 0.00	155.68 1.99 0.00	161.81 2.39 0.00	178.02 2.79 0.00	169.00 2.50 0.00	179.21 2.65 0.00	170.83 2.68 0.00	161.16 2.69 0.00	146.16 2.43 -0.44	161.93 2.54 0.00	170.91 2.36 0.00	181.84 2.33 0.00	239.31 3.06 0.00	230.02 2.94 0.00	191.49 2.64 0.00	171.80 2.37 0.00	156.12 2.15 0.00	99.13 1.56 0.00	94.01 1.48 0.00
WESTERN_NY_WIND 24143	102.50 -1.18 -5.19	96.51 -1.20 -5.54	94.78 -1.09 -4.85	94.95 -1.00 -4.99	99.63 -0.67 -4.27	128.95 -3.17 -0.03	149.23 -4.46 0.00	155.11 -4.30 0.00	169.80 -5.43 0.00	160.84 -5.66 0.00	170.56 -6.00 0.00	159.57 -8.58 0.00	149.91 -8.56 0.00	139.12 -7.88 -3.71	149.82 -9.56 0.00	155.40 -13.15 0.00	166.59 -12.92 0.00	219.72 -16.54 0.00	210.73 -16.35 0.00	176.00 -12.84 0.00	156.38 -13.05 0.00	144.30 -11.24 -1.57	100.14 -4.39 -6.95	97.17 -2.50 -7.13
WESTOVER___LESR 323668	112.23 1.67 -12.06	106.79 1.75 -12.87	103.93 1.64 -11.26	104.29 1.73 -11.60	107.87 1.92 -9.93	134.54 2.38 -0.06	156.14 2.46 0.00	162.44 3.03 0.00	178.38 3.15 0.00	169.16 2.66 0.00	179.38 2.82 0.00	170.67 2.52 0.00	161.00 2.54 0.00	150.89 1.15 -6.46	161.30 1.91 0.00	169.90 1.35 0.00	181.13 1.62 0.00	238.38 2.13 0.00	229.12 2.04 0.00	191.49 2.64 0.00	171.12 1.69 0.00	156.70 0.00 -2.73	115.03 0.98 -16.48	110.74 1.30 -16.91
WETHRSFD_WT_PWR 323626	102.40 -2.95 -6.86	96.90 -2.58 -7.32	94.98 -2.45 -6.40	95.19 -2.37 -6.59	99.46 -2.20 -5.64	126.85 -5.29 -0.03	148.62 -5.07 0.00	154.16 -5.26 -0.01	168.22 -7.01 -0.01	159.51 -6.99 -0.01	169.15 -7.41 -0.01	159.92 -8.24 -0.01	150.40 -8.08 -0.01	138.51 -9.17 -4.40	150.62 -8.77 -0.01	156.75 -11.80 0.00	166.78 -12.74 -0.01	219.71 -16.54 -0.01	211.18 -15.90 -0.01	177.52 -11.33 -0.01	157.56 -11.86 0.00	142.60 -12.47 -1.09	101.75 -5.17 -9.35	98.43 -3.70 -9.60
WHAVSTOR_138KV_BK127 55557	142.49 8.08 -35.92	137.51 7.00 -38.34	131.40 6.83 -33.54	132.51 7.00 -34.55	132.98 7.39 -29.56	141.92 9.64 -0.18	163.06 9.37 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.95 12.15 -0.30	188.74 12.18 0.00	180.25 12.11 0.00	170.70 12.04 -0.19	169.63 10.89 -15.45	171.79 11.95 -0.45	180.70 11.63 -0.52	194.30 12.21 -2.58	260.53 15.59 -8.69	242.52 15.44 0.00	202.65 13.79 -0.02	181.29 11.86 0.00	171.35 11.24 -6.14	154.23 7.71 -48.95	149.09 6.48 -50.08
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	142.49 8.08 -35.92	137.51 7.00 -38.34	131.40 6.83 -33.54	132.51 7.00 -34.55	132.98 7.39 -29.56	141.92 9.64 -0.18	163.06 9.37 0.00	170.89 11.48 0.00	187.84 12.62 0.00	178.95 12.15 -0.30	188.74 12.18 0.00	180.25 12.11 0.00	170.70 12.04 -0.19	169.63 10.89 -15.45	171.79 11.95 -0.45	180.70 11.63 -0.52	194.30 12.21 -2.58	260.53 15.59 -8.69	242.52 15.44 0.00	202.65 13.79 -0.02	181.29 11.86 0.00	171.35 11.24 -6.14	154.23 7.71 -48.95	149.09 6.48 -50.08
WHITEHAL_115KV_TB1 80871	152.80 6.99 -47.31	149.21 6.54 -50.50	141.49 6.28 -44.18	142.65 6.19 -45.50	141.50 6.53 -38.94	142.51 10.17 -0.24	168.13 14.45 0.00	175.04 15.62 0.00	188.72 13.49 0.00	178.82 12.32 0.00	189.09 12.54 0.00	180.42 12.27 0.00	170.99 12.52 0.00	172.82 11.03 -18.50	171.34 11.95 0.00	180.35 11.80 0.00	192.80 13.28 0.00	254.21 17.96 0.00	244.11 17.03 0.00	203.95 15.11 0.00	183.15 13.72 0.00	174.27 12.47 -7.83	171.55 9.46 -64.51	167.82 9.07 -66.21

WHITEPLN_13_KV_LOAD 356215	145.19 9.65 -37.04	140.18 8.48 -39.54	133.81 8.19 -34.59	134.95 8.37 -35.63	135.35 8.83 -30.49	144.04 11.76 -0.19	165.67 11.99 0.00	173.76 14.35 0.00	191.17 15.95 0.00	182.29 15.32 -0.48	192.27 15.71 0.00	183.62 15.47 0.00	174.30 15.53 -0.30	173.71 14.04 -16.38	175.54 15.46 -0.69	184.54 15.17 -0.82	199.47 15.98 -3.98	270.48 20.79 -13.44	247.06 19.98 0.00	206.44 17.56 -0.03	184.34 14.91 0.00	174.30 14.01 -6.32	157.60 9.37 -50.66	152.14 7.87 -51.74
WM_FLOYD_69_KV_BK2 356380	147.16 11.52 -37.14	142.04 10.23 -39.64	135.27 9.56 -34.68	136.78 10.10 -35.72	142.25 11.04 -35.18	146.82 14.53 -0.19	166.29 12.60 0.00	174.24 14.83 0.00	191.87 16.65 0.00	183.85 16.82 -0.54	195.10 18.54 0.00	181.73 16.65 3.06	173.16 16.48 1.79	172.99 15.05 -14.65	174.96 16.89 1.32	182.51 16.18 2.23	196.66 17.77 0.62	274.45 23.15 -15.04	250.24 23.16 0.00	209.46 20.58 -0.03	182.86 16.60 3.17	174.19 15.86 -4.36	158.02 9.95 -50.49	152.94 8.51 -51.89
WOODARD__115KV_TB2 355635	101.43 -0.39 -3.33	95.35 -0.37 -3.56	93.78 -0.36 -3.11	93.80 -0.36 -3.21	98.29 -0.48 -2.74	130.79 -1.32 -0.02	151.69 -2.00 0.00	158.14 -1.28 0.00	173.83 -1.40 0.00	165.16 -1.33 0.00	175.14 -1.41 0.00	166.63 -1.51 0.00	157.04 -1.43 0.00	144.73 -1.43 -2.87	157.31 -2.07 0.00	166.19 -2.36 0.00	177.18 -2.33 0.00	233.18 -3.07 0.00	223.90 -3.18 0.00	186.58 -2.27 0.00	167.06 -2.37 0.00	152.56 -2.62 -1.21	101.18 -0.98 -4.58	96.77 -0.46 -4.70
YORK___WARBASSE 23770	146.39 10.74 -37.16	141.14 9.31 -39.67	134.74 9.01 -34.70	135.89 9.19 -35.74	136.41 9.79 -30.59	145.24 12.95 -0.20	166.91 13.22 -0.01	174.74 15.30 -0.02	191.89 16.65 -0.02	191.83 15.98 -9.36	192.82 16.24 -0.02	184.14 15.97 -0.02	177.06 15.69 -2.90	178.83 14.19 -21.36	178.06 15.62 -3.05	200.30 15.68 -16.08	213.27 16.16 -17.60	317.10 21.50 -59.35	247.98 20.89 -0.02	207.09 18.13 -0.12	185.54 16.10 -0.02	175.33 14.94 -6.42	162.81 9.86 -55.38	153.34 8.88 -51.92