

Day Ahead Market Generator LBMP

Generator Data		--- Marginal Cost of Losses															--- Marginal Cost of Congestion										01/24/2025	
Name	PTID	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00			
59TH STREET_GT_1	24138	151.91	143.27	127.37	133.92	138.63	152.41	180.06	192.08	186.34	172.55	132.59	130.43	126.84	124.12	124.48	136.06	152.32	181.92	176.92	166.42	157.31	136.98	127.11	136.90			
		9.05	8.52	8.48	9.68	9.67	11.30	12.71	13.40	14.12	12.74	10.03	9.19	9.37	8.86	9.38	9.71	10.45	13.01	12.84	10.16	9.35	9.96	8.94	8.43			
		-42.36	-37.98	-21.33	-11.74	-17.80	-11.17	0.00	-4.61	0.00	-29.91	-13.53	-21.31	-16.76	-17.83	-14.28	-21.91	-30.63	-36.26	-31.72	-47.08	-45.24	-16.36	-17.66	-28.17			
74TH STREET_GT_1	24260	151.72	143.08	127.18	142.07	142.29	152.43	180.07	192.08	186.16	179.20	159.36	159.25	156.59	154.30	154.70	156.76	172.61	192.81	176.68	166.34	157.33	148.22	146.15	147.16			
		8.84	8.32	8.29	9.68	9.67	11.30	12.72	13.40	13.95	12.47	9.92	8.99	9.17	8.77	9.38	9.61	10.34	12.87	12.57	10.05	9.35	9.96	8.95	8.43			
		-42.37	-37.99	-21.34	-19.90	-21.46	-11.19	0.00	-4.61	0.00	-36.83	-40.40	-50.32	-46.71	-48.10	-44.51	-42.72	-51.03	-47.29	-31.74	-47.10	-45.26	-27.60	-36.70	-38.43			
74TH STREET_GT_2	24261	151.72	143.08	127.18	142.07	142.29	152.43	180.07	192.08	186.16	179.20	159.36	159.25	156.59	154.30	154.70	156.76	172.61	192.81	176.68	166.34	157.33	148.22	146.15	147.16			
		8.84	8.32	8.29	9.68	9.67	11.30	12.72	13.40	13.95	12.47	9.92	8.99	9.17	8.77	9.38	9.61	10.34	12.87	12.57	10.05	9.35	9.96	8.95	8.43			
		-42.37	-37.99	-21.34	-19.90	-21.46	-11.19	0.00	-4.61	0.00	-36.83	-40.40	-50.32	-46.71	-48.10	-44.51	-42.72	-51.03	-47.29	-31.74	-47.10	-45.26	-27.60	-36.70	-38.43			
ADK HUDSON___FALLS	24011	163.29	153.58	133.25	136.14	143.25	156.17	183.08	240.13	189.95	173.12	166.59	132.88	127.66	125.29	124.31	139.71	190.79	238.57	262.60	227.46	189.27	186.95	177.99	144.13			
		9.15	8.71	8.68	9.79	10.00	12.08	15.73	16.88	17.74	13.38	10.79	9.59	9.47	9.06	9.17	10.13	11.01	13.53	13.63	10.81	10.17	10.73	9.65	9.43			
		-53.63	-48.09	-27.02	-13.85	-22.08	-14.15	0.00	-49.18	0.00	-29.85	-46.76	-23.36	-17.48	-18.80	-14.31	-25.15	-68.55	-92.39	-116.61	-107.46	-76.38	-65.56	-67.83	-34.40			
ADK RESOURCE___RCVRY	23798	164.03	154.28	133.86	136.93	144.04	157.21	184.42	241.82	191.84	174.30	167.91	133.79	128.58	126.07	124.92	140.45	191.80	239.84	264.20	228.57	190.16	188.05	179.03	144.75			
		9.86	9.38	9.27	10.57	10.78	13.12	17.08	18.27	19.63	14.55	11.89	10.49	10.38	9.84	9.78	10.86	11.78	14.46	14.69	11.57	10.88	11.51	10.35	10.03			
		-53.67	-48.13	-27.03	-13.86	-22.10	-14.16	0.00	-49.47	0.00	-29.86	-46.99	-23.37	-17.49	-18.81	-14.32	-25.16	-68.79	-92.74	-117.14	-107.81	-76.55	-65.88	-68.16	-34.42			
ADK S GLENS___FALLS	24028	163.29	153.58	133.25	136.14	143.25	156.17	183.08	240.13	189.95	173.12	166.59	132.88	127.66	125.29	124.31	139.71	190.79	238.57	262.60	227.46	189.27	186.95	177.99	144.13			
		9.15	8.71	8.68	9.79	10.00	12.08	15.73	16.88	17.74	13.38	10.79	9.59	9.47	9.06	9.17	10.13	11.01	13.53	13.63	10.81	10.17	10.73	9.65	9.43			
		-53.63	-48.09	-27.02	-13.85	-22.08	-14.15	0.00	-49.18	0.00	-29.85	-46.76	-23.36	-17.48	-18.80	-14.31	-25.15	-68.55	-92.39	-116.61	-107.46	-76.38	-65.56	-67.83	-34.40			
ADK_NYS___DAM	23527	159.52	150.17	130.90	134.17	140.78	153.44	179.40	220.78	184.27	168.40	152.49	129.73	124.50	122.26	121.97	136.39	175.95	217.81	232.27	206.59	178.31	168.27	159.16	140.67			
		7.33	7.06	7.32	8.33	8.34	9.87	12.06	12.36	12.05	9.75	8.28	7.29	6.94	6.72	7.36	7.73	8.35	10.48	10.45	8.19	7.71	8.30	7.63	7.23			
		-51.68	-46.34	-26.03	-13.35	-21.28	-13.63	0.00	-34.35	0.00	-28.76	-35.17	-22.51	-16.84	-18.12	-13.79	-24.23	-56.37	-74.69	-89.45	-89.21	-67.87	-49.31	-51.02	-33.14			
AIR_PRODUCTS___DRP	24190	156.19	147.05	126.99	129.50	135.85	147.38	171.36	202.87	176.52	162.92	141.50	126.92	121.95	119.80	118.60	132.83	164.33	201.23	209.20	191.35	169.63	153.30	144.48	137.28			
		3.82	3.77	3.32	3.60	3.33	3.77	4.02	4.00	4.31	4.16	4.58	4.40	4.33	4.19	3.93	4.07	3.78	4.38	4.24	3.38	3.08	3.54	3.52	3.71			
		-51.86	-46.51	-26.12	-13.39	-21.35	-13.68	0.00	-24.80	0.00	-28.86	-27.89	-22.59	-16.90	-18.18	-13.84	-24.32	-49.32	-64.20	-72.60	-78.78	-63.83	-39.10	-40.45	-33.26			
AKWESSNE_115KV_BK	355683	97.49	94.16	95.40	110.48	108.94	126.69	164.50	171.28	169.12	126.26	105.88	96.54	97.39	94.21	97.29	100.46	107.00	126.68	126.81	105.48	99.23	107.67	97.69	97.70			
		-3.02	-2.61	-2.15	-2.03	-2.22	-3.25	-2.84	-2.79	-3.10	-3.64	-3.16	-3.40	-3.32	-3.22	-3.53	-3.97	-4.23	-5.97	-5.56	-3.71	-3.49	-2.99	-2.81	-2.61			
		0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	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	156.96	147.76	128.27	131.28	137.69	149.73	175.21	199.80	179.62	163.95	136.90	126.91	122.05	119.86	119.15	133.53	160.66	195.71	199.62	185.15	167.74	148.06	138.81	138.28			
		5.52	5.32	5.07	5.62	5.56	6.37	7.87	7.48	7.40	5.71	5.13	4.80	4.73	4.58	4.74	5.22	5.56	6.76	6.75	5.35	5.03	5.53	5.32	5.31			
		-50.93	-45.67	-25.65	-13.15	-20.97	-13.43	0.00	-18.25	0.00	-28.34	-22.73	-22.18	-16.60	-17.86	-13.59	-23.88	-43.87	-56.30	-60.51	-70.61	-59.98	-31.87	-32.98	-32.66			
ALBANY_2_SOLAR	323834	156.86	147.67	128.28	131.28	137.58	149.74	175.05	199.79	179.62	163.95	136.89	126.81	122.05	119.86	119.15	133.54	160.66	195.70	199.47	185.14	167.74	148.05	138.70	138.18			
		5.42	5.22	5.07	5.62	5.45	6.37	7.70	7.48	7.40	5.71	5.13	4.70	4.73	4.58	4.74	5.22	5.56	6.76	6.62	5.35	5.03	5.53	5.22	5.21			
		-50.93	-45.67	-25.66	-13.15	-20.97	-13.44	0.00	-18.24	0.00	-28.34	-22.73	-22.18	-16.60	-17.86	-13.59	-23.89	-43.87	-56.29	-60.49	-70.61	-59.98	-31.86	-32.97	-32.67			
ALBANY___1	23571	156.19	147.05	126.99	129.50	135.85	147.38	171.36	202.87	176.52	162.92	141.50	126.92	121.95	119.80	118.60	132.83	164.33	201.23	209.20	191.35	169.63	153.30	144.48	137.28			
		3.82	3.77	3.32	3.60	3.33	3.77	4.02	4.00	4.31	4.16	4.58	4.40	4.33	4.19	3.93	4.07	3.78	4.38	4.24	3.38	3.08	3.54	3.52	3.71			
		-51.86	-46.51	-26.12	-13.39	-21.35	-13.68	0.00	-24.80	0.00	-28.86	-27.89	-22.59	-16.90	-18.18	-13.84	-24.32	-49.32	-64.20	-72.60	-78.78	-63.83	-39.10	-40.45	-33.26			

ALBANY___2 23572	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.38 3.77 -13.68	171.36 4.02 0.00	202.87 4.00 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.92 4.40 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.60 3.93 -13.84	132.83 4.07 -24.32	164.33 3.78 -49.32	201.23 4.38 -64.20	209.20 4.24 -72.60	191.35 3.38 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.48 3.52 -40.45	137.28 3.71 -33.26
ALBANY___3 23573	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.38 3.77 -13.68	171.36 4.02 0.00	202.87 4.00 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.92 4.40 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.60 3.93 -13.84	132.83 4.07 -24.32	164.33 3.78 -49.32	201.23 4.38 -64.20	209.20 4.24 -72.60	191.35 3.38 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.48 3.52 -40.45	137.28 3.71 -33.26
ALBANY___4 23574	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.38 3.77 -13.68	171.36 4.02 0.00	202.87 4.00 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.92 4.40 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.60 3.93 -13.84	132.83 4.07 -24.32	164.33 3.78 -49.32	201.23 4.38 -64.20	209.20 4.24 -72.60	191.35 3.38 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.48 3.52 -40.45	137.28 3.71 -33.26
ALBANY___LFGE 323615	157.70 4.82 -52.37	148.38 4.64 -46.96	128.22 4.29 -26.38	130.75 4.72 -13.52	137.29 4.56 -21.56	148.95 5.20 -13.82	173.36 6.02 0.00	212.46 6.26 -32.13	178.59 6.38 0.00	164.75 5.71 -29.14	148.25 5.67 -33.55	128.13 5.39 -22.81	123.02 5.23 -17.07	120.85 5.06 -18.36	119.74 4.94 -13.98	134.21 5.22 -24.56	171.43 5.12 -55.08	211.27 5.97 -72.65	223.98 5.82 -85.80	201.14 4.59 -87.37	174.61 4.31 -67.57	162.45 4.75 -47.04	153.80 4.63 -48.67	138.61 4.72 -33.59
ALCOA_PA_115KV_PL-6C 55860	96.99 -3.52 0.00	93.68 -3.10 0.00	95.21 -2.34 0.00	110.81 -1.69 0.00	109.05 -2.11 0.00	126.95 -2.99 0.00	164.50 -2.84 0.00	171.46 -2.61 0.00	169.12 -3.10 0.00	126.26 -3.64 0.00	105.44 -3.60 0.00	95.74 -4.20 0.00	96.69 -4.03 0.00	93.53 -3.90 0.00	96.59 -4.23 0.00	99.42 -5.01 0.00	106.00 -5.23 0.00	125.22 -7.43 0.00	125.48 -6.88 0.00	104.38 -4.80 0.00	98.31 -4.42 0.00	107.45 -3.21 0.00	97.19 -3.32 0.00	97.29 -3.01 0.00
ALCOA_RYNLDS___DRP 24188	96.99 -3.52 0.00	93.68 -3.10 0.00	95.21 -2.34 0.00	110.81 -1.69 0.00	109.05 -2.11 0.00	126.95 -2.99 0.00	164.50 -2.84 0.00	171.46 -2.61 0.00	169.12 -3.10 0.00	126.26 -3.64 0.00	105.44 -3.60 0.00	95.74 -4.20 0.00	96.69 -4.03 0.00	93.53 -3.90 0.00	96.59 -4.23 0.00	99.42 -5.01 0.00	106.00 -5.23 0.00	125.22 -7.43 0.00	125.48 -6.88 0.00	104.38 -4.80 0.00	98.31 -4.42 0.00	107.45 -3.21 0.00	97.19 -3.32 0.00	97.29 -3.01 0.00
ALCOA___DSASP 323711	96.99 -3.52 0.00	93.67 -3.10 0.00	95.21 -2.34 0.00	110.82 -1.68 0.00	109.05 -2.12 0.00	126.95 -2.98 0.00	164.50 -2.85 0.00	171.46 -2.61 0.00	169.12 -3.09 0.00	126.26 -3.64 0.00	105.44 -3.60 0.00	95.74 -4.19 0.00	96.68 -4.03 0.00	93.53 -3.90 0.00	96.59 -4.23 0.00	99.42 -5.01 0.00	106.00 -5.23 0.00	125.22 -7.43 0.00	125.48 -6.89 0.00	104.39 -4.80 0.00	98.72 -4.01 0.00	107.44 -3.21 0.00	97.19 -3.31 0.00	97.30 -3.01 0.00
ALLEGHENY___COGEN 23514	111.16 3.12 -7.54	105.76 2.23 -6.76	102.90 1.56 -3.80	115.69 1.24 -1.95	116.16 1.89 -3.10	135.04 3.11 -1.99	170.52 3.17 0.00	166.59 -7.48 0.00	163.78 -8.43 0.00	127.10 -7.02 -4.22	105.84 -5.23 -2.03	98.74 -4.50 -3.30	98.45 -4.73 -2.47	95.51 -4.58 -2.66	98.71 -4.14 -2.02	104.44 -3.55 -3.56	112.54 -3.90 -5.21	136.81 -2.26 -6.42	135.33 -2.91 -5.88	113.71 -4.04 -8.55	112.99 2.16 -8.11	115.50 1.99 -2.85	105.47 2.01 -2.95	107.65 2.51 -4.83
ALTAMONT_115KV_TB 2 55880	156.63 4.32 -51.80	147.39 4.16 -46.45	127.64 4.00 -26.09	130.38 4.50 -13.38	137.05 4.56 -21.33	148.93 5.33 -13.67	173.37 6.02 0.00	199.36 6.09 -19.19	178.59 6.37 0.00	164.18 5.46 -28.83	137.43 4.80 -23.60	126.99 4.50 -22.56	122.13 4.53 -16.88	119.88 4.29 -18.16	119.08 4.44 -13.82	133.32 4.60 -24.29	161.21 4.89 -45.09	196.57 5.97 -57.95	200.84 5.82 -62.65	186.29 4.59 -72.51	168.33 4.31 -61.29	148.50 4.76 -33.08	139.06 4.32 -34.23	137.74 4.21 -33.22
ALTONA_WT_PWR 323606	98.70 -1.81 0.00	95.42 -1.35 0.00	96.67 -0.88 0.00	111.94 -0.56 0.00	110.16 -1.00 0.00	128.24 -1.69 0.00	165.35 -2.00 0.00	172.50 -1.57 0.00	169.97 -2.24 0.00	126.92 -2.98 0.00	106.32 -2.72 0.00	96.83 -3.10 0.00	97.59 -3.12 0.00	94.51 -2.92 0.00	97.50 -3.32 0.00	100.77 -3.66 0.00	107.56 -3.67 0.00	127.20 -5.44 0.00	127.61 -4.76 0.00	105.92 -3.27 0.00	99.85 -2.88 0.00	108.22 -2.43 0.00	98.10 -2.41 0.00	98.80 -1.50 0.00
AMERICAN_REF_FUEL 24010	100.93 -6.33 -6.75	96.15 -6.68 -6.05	93.24 -7.71 -3.40	104.46 -9.79 -1.74	104.83 -9.11 -2.78	120.93 -10.78 -1.78	150.28 -17.07 0.00	154.92 -19.15 0.00	153.45 -18.77 0.00	119.87 -13.77 -3.74	100.04 -10.80 -1.80	93.97 -8.89 -2.93	93.74 -9.16 -2.19	90.62 -9.16 -2.36	93.74 -8.87 -1.79	98.50 -9.09 -3.15	105.50 -10.34 -4.61	127.46 -10.87 -5.68	125.52 -12.04 -5.19	104.53 -12.23 -7.57	98.98 -10.99 -7.24	101.12 -12.06 -2.52	93.06 -10.05 -2.61	96.10 -8.53 -4.33
ARKWRIGHT___SUMMIT_WT_PWR 323751	105.72 -2.31 -7.52	100.62 -2.90 -6.74	97.15 -4.19 -3.79	108.82 -5.62 -1.94	109.70 -4.56 -3.10	126.85 -5.07 -1.98	159.82 -7.53 0.00	167.46 -6.61 0.00	165.85 -6.37 0.00	128.89 -5.20 -4.19	108.56 -2.50 -2.03	100.72 -2.49 -3.28	100.55 -2.62 -2.46	96.37 -3.70 -2.64	99.51 -3.32 -2.01	104.62 -3.35 -3.53	112.18 -4.23 -5.18	135.46 -3.58 -6.39	133.58 -4.64 -5.85	111.47 -6.22 -8.51	105.16 -5.65 -8.09	107.74 -5.76 -2.84	98.72 -4.72 -2.94	100.92 -4.21 -4.82
ARTHUR KILL_GT_1 23520	151.42 8.54 -42.37	142.70 7.94 -37.99	126.70 7.81 -21.34	199.02 8.55 -77.97	200.65 8.56 -80.93	206.57 10.26 -66.37	236.46 11.21 -57.90	410.57 12.18 -224.32	443.20 12.92 -258.06	393.10 11.56 -251.64	365.50 9.05 -247.42	365.58 8.29 -257.35	365.57 8.35 -256.50	365.51 7.99 -260.09	365.57 8.57 -256.18	365.54 8.87 -252.23	386.65 9.67 -265.75	383.03 12.07 -238.31	365.59 12.04 -221.18	399.37 9.61 -280.57	414.81 8.93 -303.16	378.14 9.52 -257.97	320.84 8.44 -211.89	246.77 7.92 -138.54
ARTHUR_KILL_2 23512	151.12 8.24 -42.37	142.40 7.64 -37.99	126.40 7.51 -21.34	198.69 8.21 -77.97	200.32 8.23 -80.93	206.18 9.87 -66.37	235.97 10.72 -57.90	409.88 11.49 -224.32	442.50 12.23 -258.06	392.72 11.17 -251.64	365.19 8.73 -247.42	365.28 8.00 -257.35	365.28 8.06 -256.50	365.21 7.69 -260.09	365.27 8.27 -256.18	365.23 8.57 -252.23	386.32 9.34 -265.75	382.49 11.53 -238.31	365.05 11.51 -221.18	398.93 9.17 -280.57	414.40 8.52 -303.16	377.80 9.18 -257.97	320.54 8.14 -211.89	246.37 7.53 -138.54
ARTHUR_KILL_3 23513	145.93 7.63 -37.79	137.34 7.16 -33.41	123.96 7.12 -19.29	111.53 8.55 9.52	111.53 8.56 8.20	113.49 10.01 26.45	130.73 10.55 47.16	138.20 10.97 46.84	132.76 11.54 50.99	120.70 11.17 20.37	120.57 8.40 -3.14	114.49 7.70 -6.86	113.49 7.76 -5.02	113.49 7.40 -8.66	113.49 7.87 -4.80	120.49 8.15 -7.91	132.21 8.79 -12.20	133.49 11.00 10.16	133.49 10.86 9.73	127.45 8.52 -9.73	115.49 7.91 -4.86	115.49 8.52 3.69	123.59 7.63 -15.45	124.65 7.12 -17.22

ARTHUR_KILL_COGEN 323718	151.42 8.54 -42.37	142.70 7.94 -37.99	126.70 7.81 -21.34	199.02 8.55 -77.97	200.65 8.56 -80.93	206.57 10.26 -66.37	236.46 11.21 -57.90	410.57 12.18 -224.32	443.20 12.92 -258.06	393.10 11.56 -251.64	365.50 9.05 -247.42	365.58 8.29 -257.35	365.57 8.35 -256.50	365.51 7.99 -260.09	365.57 8.57 -256.18	365.54 8.87 -252.23	386.65 9.67 -265.75	383.03 12.07 -238.31	365.59 12.04 -221.18	399.37 9.61 -280.57	414.81 8.93 -303.16	378.14 9.52 -257.97	320.84 8.44 -211.89	246.77 7.92 -138.54
ASHOKAN____ 23654	152.01 4.12 -47.38	143.14 3.87 -42.49	125.42 4.00 -23.87	129.12 4.38 -12.24	135.23 4.56 -19.51	147.76 5.33 -12.50	178.56 11.21 0.00	195.38 7.31 -14.00	184.27 12.05 0.00	162.38 6.11 -26.37	131.97 4.04 -18.89	123.97 3.40 -20.64	119.48 3.32 -15.44	117.35 3.31 -16.61	117.20 3.73 -12.65	130.83 4.18 -22.22	155.29 5.45 -38.61	189.44 7.69 -49.11	191.24 7.81 -51.06	177.72 6.11 -62.42	162.77 5.54 -54.50	142.89 5.75 -26.49	132.84 4.92 -27.40	135.00 4.31 -30.39
ASTORIA_EAST_ENERGY_CC1 323581	152.44 9.55 -42.37	143.86 9.09 -37.99	127.87 8.97 -21.35	141.72 9.33 -19.89	141.84 9.22 -21.45	152.03 10.92 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.65 13.44 0.01	176.08 12.21 -33.98	157.00 9.60 -38.37	156.85 8.80 -48.12	154.88 8.86 -45.30	152.58 8.47 -46.68	152.88 8.97 -43.08	155.47 9.29 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.41 12.31 -31.73	166.12 9.83 -47.10	157.02 9.04 -45.25	147.58 9.85 -27.08	145.14 8.85 -35.79	146.67 8.43 -37.94
ASTORIA_EAST_ENERGY_CC2 323582	152.53 9.65 -42.37	143.86 9.09 -37.99	127.87 8.97 -21.35	141.72 9.33 -19.89	141.95 9.34 -21.45	152.16 11.04 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.65 13.44 0.01	176.08 12.21 -33.98	157.00 9.60 -38.37	156.85 8.80 -48.12	154.88 8.86 -45.30	152.58 8.47 -46.68	152.88 8.97 -43.08	155.47 9.29 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.41 12.31 -31.73	166.12 9.83 -47.10	157.02 9.04 -45.25	147.58 9.85 -27.08	145.14 8.85 -35.79	146.67 8.43 -37.94
ASTORIA_GT2_1 24094	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT2_2 24095	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT2_3 24096	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT2_4 24097	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT3_1 24098	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT3_2 24099	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT3_3 24100	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT3_4 24101	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT4_1 24102	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT4_2 24103	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT4_3 24104	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94

ASTORIA_GT4_4 24105	152.53 9.65 -42.37	143.86 9.10 -37.99	127.87 8.97 -21.35	141.73 9.34 -19.89	141.95 9.34 -21.45	152.17 11.04 -11.19	178.89 11.55 0.00	190.69 12.01 -4.61	185.65 13.43 0.00	175.95 12.08 -33.97	157.00 9.60 -38.37	156.85 8.79 -48.12	154.88 8.86 -45.30	152.68 8.57 -46.68	153.08 9.17 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.42 12.31 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	147.70 9.96 -27.08	145.14 8.84 -35.79	146.67 8.43 -37.94
ASTORIA_GT_1 23523	152.63 9.75 -42.37	144.06 9.29 -37.99	128.06 9.17 -21.35	141.95 9.56 -19.89	142.18 9.56 -21.45	152.42 11.30 -11.18	179.22 11.88 0.01	191.21 12.54 -4.60	186.15 13.94 0.01	176.47 12.60 -33.98	157.32 9.92 -38.37	157.15 9.09 -48.12	155.18 9.16 -45.30	152.88 8.77 -46.68	153.18 9.27 -43.08	155.78 9.60 -41.75	171.17 10.45 -49.49	191.96 12.86 -46.45	176.81 12.71 -31.73	166.32 10.04 -47.10	157.32 9.35 -45.25	147.91 10.17 -27.08	145.35 9.05 -35.79	146.87 8.63 -37.94
ASTORIA_GT_10 24110	151.72 8.84 -42.37	143.08 8.32 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	158.93 9.49 -40.40	158.95 8.69 -50.32	156.19 8.76 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.02 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
ASTORIA_GT_11 24225	151.72 8.84 -42.37	143.08 8.32 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	158.93 9.49 -40.40	158.95 8.69 -50.32	156.19 8.76 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.02 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
ASTORIA_GT_12 24226	151.72 8.84 -42.37	143.08 8.32 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	158.93 9.49 -40.40	158.95 8.69 -50.32	156.19 8.76 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.02 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
ASTORIA_GT_13 24227	151.72 8.84 -42.37	143.08 8.32 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	158.93 9.49 -40.40	158.95 8.69 -50.32	156.19 8.76 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.02 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
ASTORIA_GT_5 24106	152.63 9.75 -42.37	144.06 9.29 -37.99	128.07 9.17 -21.35	141.95 9.56 -19.89	142.17 9.56 -21.45	152.43 11.30 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.99 13.78 0.00	176.34 12.47 -33.97	157.33 9.92 -38.37	157.15 9.09 -48.12	155.18 9.17 -45.30	152.87 8.77 -46.68	153.28 9.38 -43.08	155.79 9.61 -41.75	171.18 10.46 -49.49	191.96 12.87 -46.45	176.68 12.57 -31.74	166.45 10.15 -47.10	157.33 9.35 -45.26	147.92 10.18 -27.08	145.34 9.05 -35.79	146.87 8.63 -37.94
ASTORIA_GT_7 24107	152.63 9.75 -42.37	144.06 9.29 -37.99	128.07 9.17 -21.35	141.95 9.56 -19.89	142.17 9.56 -21.45	152.43 11.30 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.99 13.78 0.00	176.34 12.47 -33.97	157.33 9.92 -38.37	157.15 9.09 -48.12	155.18 9.17 -45.30	152.87 8.77 -46.68	153.28 9.38 -43.08	155.79 9.61 -41.75	171.18 10.46 -49.49	191.96 12.87 -46.45	176.68 12.57 -31.74	166.45 10.15 -47.10	157.33 9.35 -45.26	147.92 10.18 -27.08	145.34 9.05 -35.79	146.87 8.63 -37.94
ASTORIA_GT_8 24108	152.63 9.75 -42.37	144.06 9.29 -37.99	128.07 9.17 -21.35	141.95 9.56 -19.89	142.17 9.56 -21.45	152.43 11.30 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.99 13.78 0.00	176.34 12.47 -33.97	157.33 9.92 -38.37	157.15 9.09 -48.12	155.18 9.17 -45.30	152.87 8.77 -46.68	153.28 9.38 -43.08	155.79 9.61 -41.75	171.18 10.46 -49.49	191.96 12.87 -46.45	176.68 12.57 -31.74	166.45 10.15 -47.10	157.33 9.35 -45.26	147.92 10.18 -27.08	145.34 9.05 -35.79	146.87 8.63 -37.94
ASTORIA___2 24149	152.53 9.65 -42.37	143.86 9.09 -37.99	127.87 8.97 -21.35	141.72 9.33 -19.89	141.95 9.34 -21.45	152.16 11.04 -11.18	178.88 11.54 0.01	190.67 12.00 -4.60	185.65 13.44 0.01	176.08 12.21 -33.98	157.00 9.60 -38.37	156.85 8.80 -48.12	154.88 8.86 -45.30	152.68 8.58 -46.68	152.99 9.08 -43.08	155.58 9.40 -41.75	170.84 10.12 -49.49	191.56 12.47 -46.45	176.54 12.44 -31.73	166.12 9.83 -47.10	157.12 9.14 -45.25	147.70 9.96 -27.08	145.14 8.85 -35.79	146.67 8.43 -37.94
ASTORIA___3 23516	151.72 8.85 -42.37	143.08 8.32 -37.99	127.08 8.20 -21.34	141.62 9.23 -19.90	141.84 9.22 -21.46	152.04 10.92 -11.19	179.23 11.88 0.00	191.38 12.70 -4.61	185.66 13.44 0.00	178.81 12.08 -36.83	158.92 9.48 -40.40	158.95 8.69 -50.32	156.18 8.76 -46.71	154.00 8.47 -48.10	154.30 8.97 -44.51	156.45 9.29 -42.72	172.28 10.01 -51.03	192.28 12.34 -47.29	176.42 12.31 -31.74	166.01 9.71 -47.10	157.03 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.05 8.32 -38.43
ASTORIA___4 23517	151.72 8.84 -42.37	143.08 8.32 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	158.93 9.49 -40.40	158.95 8.69 -50.32	156.19 8.76 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.02 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
ASTORIA___5 23518	151.72 8.85 -42.37	143.08 8.32 -37.99	127.08 8.20 -21.34	141.62 9.23 -19.90	141.84 9.22 -21.46	152.04 10.92 -11.19	179.23 11.88 0.00	191.38 12.70 -4.61	185.66 13.44 0.00	178.81 12.08 -36.83	158.92 9.48 -40.40	158.95 8.69 -50.32	156.18 8.76 -46.71	154.00 8.47 -48.10	154.30 8.97 -44.51	156.45 9.29 -42.72	172.28 10.01 -51.03	192.28 12.34 -47.29	176.42 12.31 -31.74	166.01 9.71 -47.10	157.03 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.05 8.32 -38.43
AST_ENERGY_2_CC3 323677	151.32 8.44 -42.36	142.78 8.03 -37.98	126.89 8.00 -21.34	141.57 9.56 -19.51	141.89 9.44 -21.28	152.04 10.92 -11.19	178.54 11.21 0.02	184.67 11.66 1.06	179.23 12.23 5.21	168.49 11.56 -27.03	156.22 8.83 -38.36	156.14 8.09 -48.12	154.27 8.26 -45.29	151.89 7.80 -46.67	152.17 8.27 -43.08	154.83 8.66 -41.74	170.05 9.34 -49.48	186.48 11.53 -42.30	171.33 11.38 -27.58	163.35 9.06 -45.10	156.39 8.43 -45.24	146.80 9.08 -27.07	144.55 8.24 -35.80	145.97 7.72 -37.94
AST_ENERGY_2_CC4 323678	151.32 8.44 -42.36	142.78 8.03 -37.98	126.89 8.00 -21.34	141.57 9.56 -19.51	141.89 9.44 -21.28	152.04 10.92 -11.19	178.54 11.21 0.02	184.67 11.66 1.06	179.23 12.23 5.21	168.49 11.56 -27.03	156.22 8.83 -38.36	156.14 8.09 -48.12	154.27 8.26 -45.29	151.89 7.80 -46.67	152.17 8.27 -43.08	154.83 8.66 -41.74	170.05 9.34 -49.48	186.48 11.53 -42.30	171.33 11.38 -27.58	163.35 9.06 -45.10	156.39 8.43 -45.24	146.80 9.08 -27.07	144.55 8.24 -35.80	145.97 7.72 -37.94

ATHENS_STG_1 23668	152.19 5.12 -46.56	143.36 4.84 -41.75	125.88 4.88 -23.45	130.15 5.62 -12.02	135.89 5.56 -19.17	148.71 6.49 -12.28	174.70 7.35 0.00	185.06 7.48 -3.51	179.97 7.76 0.00	162.69 6.88 -25.91	125.57 5.78 -10.76	125.60 5.39 -20.28	121.43 5.54 -15.17	119.01 5.26 -16.33	118.69 5.44 -12.43	131.90 5.64 -21.84	147.52 6.00 -30.29	177.00 7.42 -36.93	171.73 7.28 -32.09	164.99 5.78 -50.01	157.20 5.44 -49.04	131.60 5.86 -15.08	121.44 5.32 -15.61	135.18 5.01 -29.86
ATHENS_STG_2 23670	152.19 5.12 -46.56	143.36 4.84 -41.75	125.88 4.88 -23.45	130.15 5.62 -12.02	135.89 5.56 -19.17	148.71 6.49 -12.28	174.70 7.35 0.00	185.06 7.48 -3.51	179.97 7.76 0.00	162.69 6.88 -25.91	125.57 5.78 -10.76	125.60 5.39 -20.28	121.43 5.54 -15.17	119.01 5.26 -16.33	118.69 5.44 -12.43	131.90 5.64 -21.84	147.52 6.00 -30.29	177.00 7.42 -36.93	171.73 7.28 -32.09	164.99 5.78 -50.01	157.20 5.44 -49.04	131.60 5.86 -15.08	121.44 5.32 -15.61	135.18 5.01 -29.86
ATHENS_STG_3 23677	152.19 5.12 -46.56	143.36 4.84 -41.75	125.88 4.88 -23.45	130.15 5.62 -12.02	135.89 5.56 -19.17	148.71 6.49 -12.28	174.70 7.35 0.00	185.06 7.48 -3.51	179.97 7.76 0.00	162.69 6.88 -25.91	125.57 5.78 -10.76	125.60 5.39 -20.28	121.43 5.54 -15.17	119.01 5.26 -16.33	118.69 5.44 -12.43	131.90 5.64 -21.84	147.52 6.00 -30.29	177.00 7.42 -36.93	171.73 7.28 -32.09	164.99 5.78 -50.01	157.20 5.44 -49.04	131.60 5.86 -15.08	121.44 5.32 -15.61	135.18 5.01 -29.86
AUBURN___LFGE 323710	106.49 0.40 -5.58	101.88 0.10 -5.01	100.17 -0.20 -2.81	113.38 -0.56 -1.44	113.13 -0.33 -2.30	131.67 0.26 -1.47	167.51 0.17 0.00	174.42 0.35 0.00	172.39 0.17 0.00	133.27 0.26 -3.11	110.72 0.22 -1.47	102.67 0.30 -2.43	102.74 0.20 -1.82	99.58 0.19 -1.96	102.51 0.20 -1.49	107.57 0.52 -2.62	115.93 0.89 -3.81	139.19 1.86 -4.69	138.35 1.72 -4.26	116.10 0.66 -6.26	109.32 0.62 -5.98	113.05 0.33 -2.06	102.84 0.20 -2.13	104.19 0.30 -3.58
BABYLON_RES_REC 323704	156.36 10.26 -45.59	152.64 9.68 -46.19	149.79 9.66 -42.58	149.36 11.25 -25.61	152.25 11.22 -29.87	156.52 12.87 -13.72	187.62 15.39 -4.89	222.78 16.19 -32.52	196.64 16.53 -7.89	169.34 13.51 -25.94	154.43 11.34 -34.05	148.62 10.30 -38.39	146.80 10.38 -35.71	146.79 9.94 -39.42	145.51 10.58 -34.10	153.64 11.06 -38.14	168.28 12.02 -45.03	202.59 14.98 -54.96	199.43 14.82 -52.25	185.97 11.80 -64.99	162.70 10.88 -49.10	154.51 11.62 -32.24	153.18 10.45 -42.22	148.22 9.93 -37.98
BABYLON__69_KV_BK2 356345	157.25 11.46 -45.29	153.56 10.94 -45.86	150.76 10.93 -42.28	150.41 12.60 -25.31	153.43 12.67 -29.59	157.84 14.42 -13.48	189.84 17.74 -4.75	225.04 18.45 -32.52	198.81 18.77 -7.83	170.58 14.94 -25.75	155.47 12.65 -33.78	149.40 11.39 -38.07	147.46 11.38 -35.37	147.52 11.01 -39.08	146.33 11.70 -33.81	154.61 12.32 -37.86	169.41 13.46 -44.72	203.73 16.85 -54.24	200.57 16.55 -51.66	186.59 13.21 -64.19	163.79 12.33 -48.74	155.58 13.06 -31.87	154.00 11.66 -41.83	148.99 11.03 -37.65
BALL_HILL_WT_PWR 323825	104.33 -3.42 -7.24	99.29 -3.97 -6.49	96.12 -5.08 -3.65	107.73 -6.64 -1.87	108.25 -5.90 -2.98	125.08 -6.76 -1.91	157.31 -10.04 0.00	162.76 -11.31 0.00	161.02 -11.19 0.00	125.07 -8.84 -4.01	105.20 -5.78 -1.94	97.98 -5.09 -3.14	97.72 -5.34 -2.35	94.40 -5.55 -2.52	97.61 -5.14 -1.92	102.59 -5.22 -3.38	110.18 -6.01 -4.96	133.06 -5.70 -6.11	131.23 -6.75 -5.61	109.46 -7.86 -8.14	103.42 -7.09 -7.78	106.19 -7.19 -2.72	97.49 -5.83 -2.82	99.84 -5.11 -4.64
BARON_WINDS___WT_PWR 323822	108.23 -1.91 -9.63	103.09 -2.32 -8.64	99.48 -2.92 -4.85	111.05 -3.94 -2.49	111.69 -3.45 -3.97	128.97 -3.50 -2.54	162.66 -4.68 0.00	169.43 -5.92 -1.28	165.67 -6.54 0.00	129.57 -5.71 -5.38	107.87 -3.82 -2.65	100.55 -3.59 -4.21	100.24 -3.62 -3.15	97.11 -3.70 -3.39	100.08 -3.32 -2.58	105.83 -3.13 -4.53	115.26 -2.67 -6.70	138.93 -1.99 -8.27	137.35 -2.65 -7.63	116.35 -3.82 -10.99	109.82 -3.29 -10.39	111.16 -3.21 -3.72	101.85 -2.51 -3.85	104.48 -2.01 -6.18
BARRETT_IC_1 23704	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_10 23701	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	228.34 12.74 -82.96	220.03 12.58 -75.08	215.21 10.04 -95.98	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_11 23702	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	228.34 12.74 -82.96	220.03 12.58 -75.08	215.21 10.04 -95.98	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_12 23703	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	228.34 12.74 -82.96	220.03 12.58 -75.08	215.21 10.04 -95.98	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_2 23705	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_3 23706	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_4 23707	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28

BARRETT_IC_5 23708	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_6 23709	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_7 23710	189.38 8.84 -80.02	189.38 8.42 -84.19	181.97 8.49 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.98 11.30 -40.74	200.87 12.89 -20.64	220.34 13.75 -32.52	200.69 13.95 -14.53	189.25 11.95 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.22 9.27 -74.24	184.21 8.87 -77.92	177.10 9.48 -66.80	184.21 9.71 -70.06	202.23 10.34 -80.65	293.48 12.73 -148.10	273.14 12.57 -128.20	287.32 10.05 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_8 23711	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT_IC_9 23700	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	228.34 12.74 -82.96	220.03 12.58 -75.08	215.21 10.04 -95.98	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT___1 23545	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	293.48 12.74 -148.10	273.15 12.58 -128.20	287.31 10.04 -168.08	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BARRETT___2 23546	189.38 8.85 -80.02	189.38 8.42 -84.19	181.97 8.48 -75.94	181.97 9.90 -59.57	181.97 9.78 -61.02	181.97 11.30 -40.74	200.87 12.89 -20.64	220.33 13.75 -32.52	200.87 14.12 -14.53	189.38 12.08 -47.40	184.21 9.92 -65.25	184.21 9.09 -75.18	184.21 9.26 -74.24	184.21 8.86 -77.92	177.00 9.38 -66.80	184.21 9.71 -70.06	202.23 10.35 -80.65	228.34 12.74 -82.96	220.03 12.58 -75.08	215.21 10.04 -95.98	202.23 9.35 -90.16	195.38 10.07 -74.65	195.38 9.05 -85.82	184.21 8.63 -75.28
BATAVIA__115KV_TB1 55881	104.52 -2.21 -6.23	99.45 -2.90 -5.58	96.88 -3.80 -3.14	109.05 -5.06 -1.61	109.39 -4.34 -2.56	126.77 -4.81 -1.64	158.64 -8.70 0.00	164.32 -9.75 0.00	162.57 -9.64 0.00	126.48 -6.88 -3.46	105.23 -5.45 -1.64	98.65 -4.00 -2.71	98.61 -4.13 -2.03	95.32 -4.29 -2.18	98.55 -3.93 -1.66	103.38 -3.97 -2.92	110.81 -4.67 -4.25	134.17 -3.71 -5.23	132.23 -4.90 -4.76	110.06 -6.11 -6.98	104.06 -5.34 -6.67	106.43 -6.53 -2.30	97.66 -5.23 -2.38	100.08 -4.21 -3.99
BAYONEEC___CTG1 323682	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG10 323750	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG2 323683	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG3 323684	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG4 323685	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG5 323686	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG6 323687	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13

BAYONEEC___CTG7 323688	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG8 323689	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BAYONEEC___CTG9 323749	151.12 8.24 -42.36	142.50 7.74 -37.98	126.59 7.70 -21.34	133.44 9.23 -11.71	138.17 9.22 -17.78	151.89 10.78 -11.18	178.88 11.54 0.00	190.68 12.00 -4.61	184.78 12.57 0.00	175.70 11.82 -33.98	131.45 8.94 -13.47	129.37 8.20 -21.24	125.76 8.35 -16.69	123.18 7.99 -17.77	123.51 8.47 -14.22	135.07 8.77 -21.87	151.27 9.45 -30.59	180.67 11.80 -36.22	175.74 11.65 -31.72	165.45 9.17 -47.09	156.49 8.52 -45.24	136.05 9.08 -16.32	126.23 8.14 -17.58	136.06 7.62 -28.13
BEACON___LESR 323632	158.16 5.83 -51.82	148.85 5.61 -46.47	128.92 5.26 -26.10	131.73 5.85 -13.38	138.17 5.67 -21.33	150.23 6.62 -13.67	175.38 8.03 0.00	207.85 8.36 -25.43	180.82 8.61 0.00	165.88 7.14 -28.84	144.16 6.76 -28.36	128.80 6.30 -22.57	123.75 6.14 -16.89	121.44 5.85 -18.17	120.50 5.85 -13.83	134.89 6.16 -24.30	167.33 6.34 -49.76	205.07 7.56 -64.87	213.46 7.41 -73.68	194.51 5.89 -79.43	172.23 5.44 -64.06	156.39 5.97 -39.76	147.37 5.73 -41.14	139.15 5.61 -33.24
BEAVER RIVER___HYD 24048	102.11 0.00 -1.60	98.20 0.00 -1.43	98.55 0.20 -0.80	114.15 1.24 -0.41	112.94 1.11 -0.66	132.17 1.82 -0.42	170.36 3.02 0.00	178.24 4.17 0.00	175.66 3.44 0.00	132.22 1.43 -0.89	110.35 1.31 0.00	101.23 0.60 -0.70	101.84 0.61 -0.52	98.48 0.49 -0.56	101.86 0.61 -0.43	106.22 1.04 -0.75	112.79 0.89 -0.68	135.23 1.86 -0.73	134.33 1.72 -0.25	112.34 1.97 -1.18	105.94 1.74 -1.47	112.54 1.88 0.00	101.92 1.41 0.00	102.63 1.30 -1.02
BEEBEE_GT_13 23619	104.43 -1.41 -5.33	99.71 -1.84 -4.78	97.80 -2.44 -2.69	110.39 -3.49 -1.38	110.36 -3.00 -2.19	128.09 -3.25 -1.41	160.99 -6.36 0.00	166.93 -7.14 0.00	165.15 -7.06 0.00	128.45 -4.42 -2.97	105.33 -3.71 0.00	99.86 -2.40 -2.32	100.04 -2.42 -1.74	96.76 -2.53 -1.87	99.93 -2.32 -1.42	104.53 -2.40 -2.50	110.60 -2.89 -2.26	133.10 -1.99 -2.44	130.27 -2.91 -0.82	109.31 -3.82 -3.94	104.34 -3.29 -4.90	106.12 -4.54 0.00	96.89 -3.62 0.00	101.11 -2.61 -3.42
BENSHRST_27_KV_BENSHRST_1 355998	152.53 9.65 -42.37	143.66 8.90 -37.99	127.67 8.78 -21.34	200.38 9.90 -77.97	201.87 9.78 -80.93	208.13 11.82 -66.37	238.47 13.22 -57.90	412.49 14.10 -224.32	445.08 14.81 -258.06	394.66 13.12 -251.64	366.93 10.47 -247.42	366.88 9.59 -257.35	366.88 9.67 -256.50	366.87 9.35 -260.09	366.88 9.88 -256.18	366.90 10.23 -252.23	387.99 11.01 -265.75	384.62 13.66 -238.31	367.05 13.50 -221.18	400.56 10.81 -280.57	415.95 10.07 -303.16	379.47 10.84 -257.97	322.05 9.65 -211.89	247.97 9.13 -138.54
BETHLEHEM___GRP 23843	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.38 3.77 -13.68	171.36 4.02 0.00	202.87 4.00 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.92 4.40 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.60 3.93 -13.84	132.83 4.07 -24.32	164.33 3.78 -49.32	201.23 4.38 -64.20	209.20 4.24 -72.60	191.35 3.38 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.48 3.52 -40.45	137.28 3.71 -33.26
BETHLEHEM___GS1 323560	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.39 3.77 -13.68	171.36 4.01 0.00	202.88 4.01 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.91 4.39 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.59 3.93 -13.84	132.82 4.07 -24.32	164.33 3.78 -49.32	201.22 4.37 -64.20	209.07 4.11 -72.60	191.36 3.39 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.57 3.61 -40.45	137.28 3.71 -33.26
BETHLEHEM___GS2 323561	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.39 3.77 -13.68	171.36 4.01 0.00	202.88 4.01 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.91 4.39 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.59 3.93 -13.84	132.82 4.07 -24.32	164.33 3.78 -49.32	201.22 4.37 -64.20	209.07 4.11 -72.60	191.36 3.39 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.57 3.61 -40.45	137.28 3.71 -33.26
BETHLEHEM___GS3 323562	156.19 3.82 -51.86	147.05 3.77 -46.51	126.99 3.32 -26.12	129.50 3.60 -13.39	135.85 3.33 -21.35	147.39 3.77 -13.68	171.36 4.01 0.00	202.88 4.01 -24.80	176.52 4.31 0.00	162.92 4.16 -28.86	141.50 4.58 -27.89	126.91 4.39 -22.59	121.95 4.33 -16.90	119.80 4.19 -18.18	118.59 3.93 -13.84	132.82 4.07 -24.32	164.33 3.78 -49.32	201.22 4.37 -64.20	209.07 4.11 -72.60	191.36 3.39 -78.78	169.63 3.08 -63.83	153.30 3.54 -39.10	144.57 3.61 -40.45	137.28 3.71 -33.26
BETHLEHEM___STEEL 23779	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.63 -5.56 -3.64	107.17 -7.20 -1.87	107.70 -6.45 -2.98	124.31 -7.54 -1.91	156.13 -11.21 0.00	161.54 -12.53 0.00	159.64 -12.57 0.00	124.31 -9.61 -4.02	104.44 -6.54 -1.94	97.19 -5.90 -3.15	97.03 -6.04 -2.36	93.73 -6.24 -2.54	96.90 -5.85 -1.93	101.87 -5.95 -3.39	109.41 -6.78 -4.97	132.14 -6.63 -6.13	130.16 -7.81 -5.61	108.72 -8.63 -8.16	103.10 -7.40 -7.77	105.52 -7.86 -2.72	96.99 -6.33 -2.81	99.32 -5.62 -4.64
BETHLHEM_115KV_TB1 79974	156.25 3.92 -51.82	147.02 3.77 -46.47	127.07 3.41 -26.10	129.71 3.83 -13.38	136.06 3.56 -21.33	147.63 4.03 -13.67	171.70 4.35 0.00	201.89 4.35 -23.46	176.87 4.65 0.00	163.15 4.42 -28.84	140.48 4.58 -26.86	126.90 4.40 -22.57	121.93 4.33 -16.89	119.78 4.19 -18.17	118.68 4.03 -13.83	132.91 4.18 -24.30	163.53 4.00 -48.29	199.98 4.64 -62.69	207.07 4.50 -70.21	190.05 3.60 -77.26	169.31 3.39 -63.19	152.08 3.76 -37.66	143.19 3.72 -38.96	137.35 3.81 -33.23
BETHPAGE_CC_5 323564	157.24 10.05 -46.68	153.75 9.58 -47.40	150.75 9.57 -43.64	150.33 11.14 -26.69	153.14 11.12 -30.86	157.25 12.74 -14.58	187.96 15.23 -5.39	222.42 15.84 -32.52	196.68 16.37 -8.10	170.03 13.51 -26.62	155.32 11.23 -35.05	149.79 10.30 -39.56	148.02 10.38 -36.93	148.01 9.94 -40.64	146.45 10.49 -35.14	154.55 10.96 -39.15	169.07 11.68 -46.16	204.76 14.59 -57.52	201.13 14.43 -54.34	188.47 11.46 -67.82	163.71 10.58 -50.40	155.64 11.40 -33.59	154.47 10.35 -43.60	149.30 9.84 -39.17
BIGTREE_115_KV_TB2_REV_LBMP_A 345034	103.72 -4.12 -7.34	98.80 -4.55 -6.58	95.59 -5.66 -3.70	107.08 -7.31 -1.89	107.63 -6.56 -3.02	124.20 -7.67 -1.94	156.64 -10.71 0.00	162.06 -12.01 0.00	160.33 -11.88 0.00	124.50 -9.48 -4.08	104.79 -6.22 -1.97	97.33 -5.80 -3.19	97.16 -5.94 -2.39	93.86 -6.14 -2.57	97.03 -5.75 -1.96	102.02 -5.85 -3.44	109.60 -6.67 -5.04	132.23 -6.63 -6.22	130.38 -7.68 -5.69	108.95 -8.52 -8.28	103.32 -7.29 -7.89	105.89 -7.52 -2.76	97.34 -6.03 -2.86	99.39 -5.62 -4.70

BINGHAMTON___COGEN 23790	115.45 0.80 -14.14	109.93 0.48 -12.68	104.87 0.20 -7.12	116.15 0.00 -3.65	117.10 0.11 -5.82	134.18 0.52 -3.73	167.85 0.50 0.00	176.12 0.00 -2.05	172.39 0.17 0.00	137.90 0.13 -7.87	113.60 0.44 -4.12	106.39 0.30 -6.16	105.62 0.30 -4.61	102.58 0.19 -4.96	105.00 0.40 -3.77	111.58 0.52 -6.63	122.16 0.89 -10.04	146.96 1.86 -12.46	145.68 1.59 -11.73	126.06 0.44 -16.43	118.62 0.51 -15.39	116.99 0.55 -5.78	107.10 0.60 -5.98	109.97 0.60 -9.07
BIXINCNT_115KV_LOAD 355685	103.89 -4.42 -7.80	98.54 -5.23 -7.00	95.43 -6.05 -3.93	107.09 -7.43 -2.02	107.93 -6.45 -3.21	124.59 -7.41 -2.06	159.15 -8.20 0.00	165.02 -9.05 0.00	162.57 -9.64 0.00	126.58 -7.66 -4.34	107.33 -3.82 -2.11	98.84 -4.50 -3.40	98.32 -4.94 -2.54	95.10 -5.07 -2.74	98.17 -4.74 -2.08	103.29 -4.80 -3.66	111.27 -5.34 -5.38	134.24 -5.04 -6.63	132.10 -6.35 -6.09	110.48 -7.53 -8.83	104.75 -6.37 -8.40	107.64 -5.98 -2.96	98.74 -4.82 -3.06	100.19 -5.12 -5.00
BLACK RIVER___HYD 24047	104.64 1.90 -2.22	100.51 1.74 -2.00	100.33 1.66 -1.12	115.55 2.47 -0.57	114.64 2.56 -0.92	134.29 3.77 -0.59	173.54 6.20 0.00	181.72 7.65 0.00	178.93 6.71 0.00	134.77 3.63 -1.24	112.31 3.27 0.00	103.20 2.30 -0.97	103.65 2.21 -0.73	100.35 2.14 -0.78	103.83 2.42 -0.59	108.61 3.13 -1.04	115.73 3.56 -0.94	139.37 5.70 -1.02	138.27 5.56 -0.34	115.42 4.59 -1.64	108.77 4.00 -2.05	114.53 3.87 0.00	103.63 3.12 0.00	104.64 2.91 -1.43
BLACKRVR_115KV_TB2 79977	104.64 1.91 -2.22	100.51 1.74 -2.00	100.33 1.66 -1.12	115.55 2.48 -0.57	114.64 2.56 -0.92	134.29 3.77 -0.59	173.54 6.19 0.00	181.73 7.66 0.00	178.93 6.72 0.00	134.77 3.64 -1.24	112.31 3.27 0.00	103.20 2.30 -0.97	103.66 2.22 -0.73	100.35 2.14 -0.78	103.84 2.42 -0.59	108.61 3.13 -1.04	115.73 3.56 -0.94	139.37 5.70 -1.02	138.27 5.56 -0.34	115.42 4.59 -1.64	108.78 4.01 -2.05	114.53 3.87 0.00	103.62 3.12 0.00	104.64 2.91 -1.43
BLISS_WT_PWR 323608	103.49 -4.82 -7.80	98.26 -5.51 -7.00	95.14 -6.34 -3.93	106.76 -7.76 -2.02	107.71 -6.67 -3.21	124.33 -7.67 -2.06	158.98 -8.36 0.00	164.84 -9.23 0.00	162.41 -9.81 0.00	126.66 -7.54 -4.30	107.44 -3.71 -2.11	98.90 -4.39 -3.37	98.40 -4.83 -2.52	95.17 -4.97 -2.71	98.15 -4.74 -2.06	103.25 -4.80 -3.62	111.24 -5.34 -5.34	134.34 -4.91 -6.60	132.22 -6.22 -6.07	110.43 -7.53 -8.77	104.34 -6.78 -8.40	107.53 -6.09 -2.96	98.65 -4.92 -3.06	100.09 -5.22 -5.00
BLUESTONE___WT_PWR 323821	126.38 6.23 -19.63	120.18 5.81 -17.61	113.00 5.56 -9.89	123.98 6.41 -5.07	125.81 6.56 -8.08	143.55 8.44 -5.18	178.56 11.21 0.00	189.71 11.84 -3.80	183.58 11.36 0.00	149.15 8.32 -10.93	123.01 7.31 -6.67	114.68 6.20 -8.55	113.36 6.25 -6.40	110.25 5.94 -6.89	112.42 6.36 -5.24	120.64 7.00 -9.21	134.32 8.23 -14.86	162.72 11.41 -18.66	162.07 11.24 -18.46	141.99 8.62 -24.18	132.54 7.91 -21.91	128.19 8.19 -9.34	117.31 7.14 -9.67	119.72 6.82 -12.59
BLUE_CIRC_CHEM_DRP 24182	156.29 4.72 -51.05	147.10 4.55 -45.78	127.56 4.29 -25.72	130.52 4.84 -13.18	136.85 4.67 -21.02	148.86 5.46 -13.47	173.71 6.36 0.00	198.16 6.09 -18.00	178.42 6.20 0.00	163.51 5.20 -28.41	136.40 4.80 -22.56	126.67 4.50 -22.24	121.79 4.43 -16.64	119.61 4.29 -17.90	118.78 4.34 -13.63	132.97 4.60 -23.94	159.77 4.78 -43.76	194.46 5.70 -56.11	198.19 5.69 -60.13	184.12 4.48 -70.46	167.04 4.31 -60.00	147.05 4.76 -31.63	137.76 4.52 -32.73	137.56 4.51 -32.74
BOC_GAS_DRP 24189	155.91 3.82 -51.58	146.70 3.68 -46.25	127.14 3.61 -25.98	129.87 4.05 -13.32	136.29 3.89 -21.23	148.09 4.55 -13.61	172.37 5.02 0.00	195.15 5.05 -16.03	177.55 5.34 0.00	163.41 4.81 -28.70	134.55 4.36 -21.15	126.49 4.10 -22.46	121.65 4.13 -16.81	119.50 3.99 -18.08	118.62 4.03 -13.76	132.80 4.18 -24.19	158.06 4.23 -42.60	192.12 5.17 -54.30	194.34 5.03 -56.94	181.92 3.93 -68.80	166.19 3.80 -59.67	144.41 4.09 -29.66	135.01 3.82 -30.68	137.09 3.71 -33.08
BOONVILLE_115KV_TB1 79983	104.39 2.51 -1.37	100.42 2.42 -1.23	100.58 2.34 -0.69	116.01 3.15 -0.35	114.95 3.22 -0.56	134.71 4.42 -0.36	173.37 6.02 0.00	180.86 6.79 0.00	178.59 6.37 0.00	134.82 4.16 -0.76	112.53 3.49 0.00	103.63 3.10 -0.60	104.28 3.12 -0.45	100.83 2.92 -0.48	104.31 3.13 -0.37	108.52 3.45 -0.64	115.48 3.67 -0.58	138.45 5.17 -0.63	137.60 5.03 -0.21	114.35 4.15 -1.01	107.78 3.80 -1.26	114.53 3.87 0.00	103.83 3.32 0.00	104.39 3.21 -0.88
BORALEX_4TH_BRANCH 23824	159.52 7.34 -51.68	150.18 7.06 -46.34	130.90 7.32 -26.03	134.17 8.33 -13.35	140.78 8.34 -21.28	153.44 9.87 -13.63	179.40 12.05 0.00	220.78 12.36 -34.35	184.27 12.06 0.00	168.40 9.74 -28.76	152.49 8.29 -35.17	129.74 7.30 -22.51	124.51 6.95 -16.84	122.27 6.72 -18.12	121.97 7.36 -13.79	136.39 7.73 -24.23	175.95 8.34 -56.37	217.81 10.48 -74.69	231.87 10.06 -89.45	206.59 8.19 -89.21	178.30 7.70 -67.87	168.27 8.30 -49.31	159.17 7.64 -51.02	140.67 7.22 -33.14
BOWLINE___1 23526	147.80 6.23 -41.05	139.39 5.81 -36.82	124.18 5.95 -20.68	129.97 6.86 -10.60	134.96 6.89 -16.90	148.82 8.06 -10.83	176.04 8.70 0.00	187.75 9.22 -4.46	181.85 9.64 0.00	161.70 8.96 -22.85	126.66 7.08 -10.54	124.22 6.40 -17.88	120.64 6.54 -13.38	118.06 6.24 -14.39	118.43 6.65 -10.96	130.58 6.89 -19.25	146.42 7.45 -27.74	176.16 9.42 -34.09	172.36 9.26 -30.73	162.13 7.32 -45.63	153.35 6.78 -43.85	132.74 7.30 -14.78	122.33 6.53 -15.29	132.65 6.02 -26.33
BOWLINE___2 23595	147.80 6.23 -41.06	139.50 5.90 -36.82	124.18 5.95 -20.68	129.97 6.86 -10.60	134.96 6.89 -16.90	148.82 8.06 -10.83	176.04 8.70 0.00	187.75 9.22 -4.46	181.85 9.64 0.00	161.71 8.96 -22.85	126.66 7.08 -10.54	124.22 6.40 -17.88	120.64 6.54 -13.38	118.06 6.24 -14.40	118.43 6.65 -10.96	130.58 6.89 -19.25	146.43 7.45 -27.74	176.16 9.42 -34.09	172.36 9.26 -30.74	162.14 7.32 -45.63	153.35 6.78 -43.85	132.74 7.30 -14.78	122.33 6.53 -15.29	132.65 6.02 -26.33
BRADY___115KV_TB2 356060	97.59 -2.91 0.00	94.26 -2.52 0.00	95.89 -1.66 0.00	111.71 -0.79 0.00	109.94 -1.22 0.00	127.86 -2.08 0.00	165.67 -1.67 0.00	172.85 -1.22 0.00	170.32 -1.89 0.00	126.65 -3.25 0.00	105.88 -3.16 0.00	96.04 -3.90 0.00	96.89 -3.83 0.00	93.72 -3.70 0.00	96.79 -4.03 0.00	99.84 -4.60 0.00	106.56 -4.67 0.00	126.01 -6.63 0.00	126.28 -6.09 0.00	105.04 -4.15 0.00	98.82 -3.90 0.00	108.22 -2.43 0.00	98.00 -2.51 0.00	98.10 -2.21 0.00
BRANSCOMB___SOLAR 323811	161.55 7.74 -53.31	151.92 7.35 -47.80	131.72 7.32 -26.85	134.59 8.33 -13.77	141.56 8.44 -21.95	154.14 10.14 -14.06	180.06 12.71 0.00	234.16 13.40 -46.68	185.82 13.60 0.00	169.82 10.26 -29.66	162.37 8.51 -44.82	130.64 7.50 -23.21	125.54 7.45 -17.37	123.22 7.11 -18.68	122.51 7.46 -14.22	137.67 8.25 -24.99	186.75 9.01 -66.51	233.22 11.14 -89.43	255.55 11.12 -112.06	222.43 8.84 -104.40	185.90 8.22 -74.96	182.36 8.86 -62.84	173.57 8.04 -65.02	142.21 7.72 -34.19
BRENTWOD_69_KV_W. BRTWOOD 56703	155.45 10.75 -44.18	151.76 10.35 -44.64	149.00 10.24 -41.21	148.76 12.04 -24.22	151.76 12.01 -28.59	156.19 13.64 -12.61	187.99 16.40 -4.25	223.64 17.06 -32.52	197.22 17.39 -7.61	168.99 14.03 -25.06	153.81 11.99 -32.78	147.62 10.79 -36.89	145.72 10.88 -34.13	145.70 10.42 -37.85	144.78 11.19 -32.77	152.86 11.59 -36.83	167.37 12.57 -43.58	199.90 15.65 -51.60	197.36 15.49 -49.51	182.80 12.34 -61.27	161.54 11.40 -47.42	153.44 12.28 -30.50	151.90 10.96 -40.44	147.19 10.43 -36.46

BRISTLHL_115KV_TB1 79998	102.47 -1.51 -3.47	98.24 -1.65 -3.11	97.44 -1.85 -1.75	111.04 -2.36 -0.90	110.37 -2.22 -1.43	128.64 -2.21 -0.92	164.17 -3.18 0.00	170.94 -3.13 0.00	169.12 -3.10 0.00	129.75 -2.08 -1.93	107.29 -1.74 0.00	99.95 -1.50 -1.51	100.23 -1.61 -1.13	97.08 -1.56 -1.22	100.24 -1.51 -0.93	104.60 -1.46 -1.63	111.26 -1.45 -1.47	133.17 -1.06 -1.59	131.71 -1.19 -0.53	110.22 -1.53 -2.56	104.58 -1.34 -3.19	108.89 -1.77 0.00	98.90 -1.61 0.00	101.02 -1.50 -2.23
BROOKHAVEN___DRP 24191	154.96 10.55 -43.90	151.06 9.97 -44.32	148.44 9.95 -40.94	148.03 11.59 -23.94	151.17 11.67 -28.33	155.58 13.25 -12.39	187.70 16.23 -4.12	223.30 16.71 -32.52	197.00 17.22 -7.56	168.42 13.64 -24.88	153.01 11.45 -32.52	146.11 9.59 -36.59	144.10 9.57 -33.81	144.21 9.26 -37.53	143.30 9.98 -32.50	151.65 10.65 -36.57	166.63 12.12 -43.28	198.03 14.46 -50.92	195.61 14.30 -48.95	181.28 11.57 -60.52	160.69 10.89 -47.08	151.77 10.96 -30.16	150.23 9.65 -40.08	145.48 9.03 -36.15
BROOKLYN_NAVY_YARD 23515	151.12 8.24 -42.36	142.59 7.84 -37.98	126.59 7.70 -21.34	141.23 9.45 -19.27	141.79 9.44 -21.18	151.78 10.66 -11.19	179.06 11.71 0.00	191.04 12.36 -4.61	185.14 12.92 0.00	175.96 12.08 -33.98	156.77 9.38 -38.36	156.54 8.49 -48.12	153.81 8.66 -44.43	151.50 8.28 -45.80	151.79 8.77 -42.21	154.65 9.08 -41.14	170.50 9.79 -49.48	191.29 12.20 -46.45	176.02 11.92 -31.74	165.68 9.39 -47.10	156.71 8.73 -45.26	146.92 9.52 -26.75	144.29 8.54 -35.25	145.98 8.03 -37.65
BROOKLYN___ARMY_DRP 323595	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
BROOKVLE_69_KV_TB1 55790	160.36 10.35 -49.49	157.05 9.77 -50.50	153.66 9.76 -46.36	153.33 11.36 -29.46	155.90 11.34 -33.40	159.71 12.99 -16.78	189.75 15.73 -6.68	223.12 16.54 -32.52	197.73 16.88 -8.64	172.30 14.03 -28.37	158.30 11.67 -37.59	153.09 10.59 -42.57	151.47 10.68 -40.08	151.54 10.33 -43.79	149.52 10.89 -37.81	157.47 11.28 -41.76	172.54 12.24 -49.07	212.04 14.99 -64.40	207.01 14.69 -59.95	196.53 11.90 -75.44	167.57 11.09 -53.75	159.55 11.84 -37.05	158.33 10.65 -47.16	152.64 10.13 -42.21
BROOME_2_LFGE 323671	115.45 0.80 -14.14	109.94 0.49 -12.68	104.87 0.20 -7.12	116.15 0.00 -3.65	117.10 0.11 -5.82	134.19 0.52 -3.73	167.85 0.50 0.00	176.12 0.00 -2.05	172.39 0.17 0.00	137.90 0.13 -7.87	113.60 0.44 -4.12	106.39 0.30 -6.16	105.63 0.30 -4.61	102.58 0.20 -4.96	105.00 0.40 -3.77	111.59 0.52 -6.63	122.15 0.89 -10.04	146.83 1.72 -12.46	145.69 1.59 -11.73	126.06 0.44 -16.43	118.52 0.41 -15.39	117.00 0.56 -5.78	107.10 0.61 -5.98	109.98 0.61 -9.07
BROOME___LFGE 323600	115.45 0.80 -14.14	109.94 0.49 -12.68	104.87 0.20 -7.12	116.15 0.00 -3.65	117.10 0.11 -5.82	134.19 0.52 -3.73	167.85 0.50 0.00	176.12 0.00 -2.05	172.39 0.17 0.00	137.90 0.13 -7.87	113.60 0.44 -4.12	106.39 0.30 -6.16	105.63 0.30 -4.61	102.58 0.20 -4.96	105.00 0.40 -3.77	111.59 0.52 -6.63	122.15 0.89 -10.04	146.83 1.72 -12.46	145.69 1.59 -11.73	126.06 0.44 -16.43	118.52 0.41 -15.39	117.00 0.56 -5.78	107.10 0.61 -5.98	109.98 0.61 -9.07
BROWNFLS_115KV_TB_3_5 80003	99.52 -2.11 -1.12	95.84 -1.94 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.74 -0.89 -0.46	128.93 -1.30 -0.30	166.01 -1.34 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	128.18 -2.34 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.52	108.92 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.31 -0.17	107.94 -2.07 -0.83	101.70 -2.05 -1.03	109.66 -1.00 0.00	99.40 -1.11 0.00	100.12 -0.90 -0.72
BROWNSV1_27_KV_LOAD 356125	152.02 9.15 -42.36	143.37 8.61 -37.98	127.47 8.58 -21.34	142.16 10.13 -19.53	142.57 10.12 -21.29	152.95 11.82 -11.19	180.57 13.22 0.00	192.43 13.75 -4.61	186.68 14.47 0.00	177.00 13.12 -33.98	158.50 10.25 -39.21	158.27 9.29 -49.04	155.57 9.47 -45.39	153.25 9.06 -46.76	153.67 9.68 -43.17	156.15 9.92 -41.80	172.04 10.68 -50.13	192.85 13.40 -46.80	177.21 13.10 -31.74	166.77 10.48 -47.10	157.74 9.76 -45.26	148.16 10.40 -27.11	145.61 9.25 -35.85	147.00 8.73 -37.97
BURROWS___LYONSDAL 23803	103.83 1.91 -1.41	99.88 1.84 -1.27	100.12 1.85 -0.71	115.68 2.81 -0.36	114.64 2.89 -0.58	134.20 3.90 -0.37	172.87 5.52 0.00	180.51 6.44 0.00	178.07 5.86 0.00	134.45 3.77 -0.79	112.20 3.16 0.00	103.25 2.70 -0.62	103.79 2.62 -0.46	100.36 2.44 -0.50	103.82 2.62 -0.38	108.12 3.03 -0.66	114.94 3.11 -0.60	137.80 4.51 -0.65	136.95 4.37 -0.22	114.05 3.82 -1.04	107.41 3.39 -1.30	114.20 3.54 0.00	103.52 3.02 0.00	104.02 2.81 -0.91
CAITHNESS_CC_1 323624	154.66 10.26 -43.89	150.86 9.77 -44.32	148.23 9.75 -40.93	147.80 11.36 -23.94	150.84 11.34 -28.33	155.18 12.87 -12.38	187.19 15.73 -4.11	222.78 16.19 -32.52	196.66 16.89 -7.56	168.16 13.38 -24.88	152.79 11.23 -32.51	146.11 9.59 -36.58	144.09 9.57 -33.81	144.21 9.26 -37.52	142.99 9.68 -32.49	151.54 10.54 -36.56	166.41 14.33 -43.27	197.88 14.33 -50.90	195.48 14.17 -48.94	181.04 11.36 -60.50	160.48 10.68 -47.07	151.76 10.96 -30.15	150.23 9.65 -40.07	145.47 9.03 -36.14
CALPINE BETH_PAGE_GT4 24209	158.56 10.15 -47.90	155.09 9.58 -48.74	151.92 9.56 -44.81	151.53 11.14 -27.89	154.24 11.12 -31.95	158.20 12.73 -15.53	188.52 15.23 -5.94	222.43 15.84 -32.52	196.91 16.36 -8.33	170.78 13.51 -27.37	156.52 11.34 -36.15	151.09 10.29 -40.86	149.38 10.37 -38.29	149.46 10.03 -42.00	147.80 10.69 -36.29	155.78 11.07 -40.28	170.22 11.57 -47.42	207.46 14.46 -60.35	203.17 14.16 -56.65	191.39 11.25 -70.96	165.05 10.48 -51.85	156.92 11.18 -35.08	156.10 10.45 -45.14	150.71 9.93 -40.48
CALPINE_BETH_PAGE_GT_4 323586	158.55 10.15 -47.90	155.09 9.58 -48.74	151.93 9.57 -44.81	151.53 11.14 -27.89	154.24 11.12 -31.95	158.20 12.74 -15.53	188.52 15.23 -5.94	222.42 15.84 -32.52	196.92 16.37 -8.33	170.78 13.51 -27.37	156.52 11.34 -36.15	151.09 10.30 -40.86	149.38 10.38 -38.29	149.46 10.04 -42.00	147.70 10.58 -36.29	155.78 11.06 -40.28	170.22 11.57 -47.42	207.46 14.46 -60.35	203.31 14.30 -56.65	191.40 11.25 -70.96	165.06 10.48 -51.85	156.91 11.17 -35.08	156.10 10.45 -45.14	150.72 9.93 -40.48
CALPINE_BP_GT1 23823	158.55 10.15 -47.90	155.09 9.58 -48.74	151.93 9.57 -44.81	151.53 11.14 -27.89	154.24 11.12 -31.95	158.20 12.74 -15.53	188.52 15.23 -5.94	222.42 15.84 -32.52	196.92 16.37 -8.33	170.78 13.51 -27.37	156.52 11.34 -36.15	151.09 10.30 -40.86	149.38 10.38 -38.29	149.46 10.04 -42.00	147.70 10.58 -36.29	155.78 11.06 -40.28	170.22 11.57 -47.42	207.46 14.46 -60.35	203.31 14.30 -56.65	191.40 11.25 -70.96	165.06 10.48 -51.85	156.91 11.17 -35.08	156.10 10.45 -45.14	150.72 9.93 -40.48
CALSPAN___DRP 24200	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.63 -5.56 -3.64	107.17 -7.20 -1.87	107.70 -6.45 -2.98	124.31 -7.54 -1.91	156.13 -11.21 0.00	161.54 -12.53 0.00	159.64 -12.57 0.00	124.31 -9.61 -4.02	104.44 -6.54 -1.94	97.19 -5.90 -3.15	97.03 -6.04 -2.36	93.73 -6.24 -2.54	96.90 -5.85 -1.93	101.87 -5.95 -3.39	109.41 -6.78 -4.97	132.14 -6.63 -6.13	130.16 -7.81 -5.61	108.72 -8.63 -8.16	103.10 -7.40 -7.77	105.52 -7.86 -2.72	96.99 -6.33 -2.81	99.32 -5.62 -4.64

CALVERTON___SOLAR 323806	155.27 10.86 -43.90	151.46 10.36 -44.33	148.73 10.24 -40.94	148.37 11.92 -23.95	151.51 12.01 -28.34	155.97 13.64 -12.39	188.36 16.89 -4.12	223.99 17.41 -32.52	197.85 18.08 -7.56	168.82 14.03 -24.88	153.23 11.67 -32.52	146.21 9.69 -36.59	144.20 9.67 -33.82	144.22 9.26 -37.53	142.90 9.58 -32.50	151.76 10.76 -36.57	167.08 12.57 -43.28	198.43 14.85 -50.93	196.02 14.69 -48.96	181.62 11.90 -60.52	161.01 11.20 -47.08	151.99 11.17 -30.16	150.34 9.75 -40.08	145.58 9.13 -36.15
CANDIGU_WT_PWR 323617	108.23 -1.91 -9.63	103.09 -2.32 -8.64	99.48 -2.92 -4.85	111.05 -3.94 -2.49	111.69 -3.45 -3.97	128.97 -3.50 -2.54	162.66 -4.68 0.00	169.43 -5.92 -1.28	165.67 -6.54 0.00	129.57 -5.71 -5.38	107.87 -3.82 -2.65	100.55 -3.59 -4.21	100.24 -3.62 -3.15	97.11 -3.70 -3.39	100.08 -3.32 -2.58	105.83 -3.13 -4.53	115.26 -2.67 -6.70	138.93 -1.99 -8.27	137.35 -2.65 -7.63	116.35 -3.82 -10.99	109.82 -3.29 -10.39	111.16 -3.21 -3.72	101.85 -2.51 -3.85	104.48 -2.01 -6.18
CARR STREET_E_SYR 24060	103.38 -1.10 -3.97	99.07 -1.26 -3.56	98.09 -1.46 -2.00	111.62 -1.91 -1.03	111.02 -1.78 -1.64	129.29 -1.69 -1.05	164.84 -2.51 0.00	171.46 -2.61 0.00	169.64 -2.58 0.00	130.42 -1.69 -2.21	107.62 -1.42 0.00	100.47 -1.19 -1.73	100.81 -1.20 -1.29	97.65 -1.16 -1.39	100.68 -1.21 -1.06	105.15 -1.15 -1.86	111.80 -1.11 -1.69	133.81 -0.66 -1.82	132.19 -0.79 -0.61	110.93 -1.20 -2.94	105.15 -1.23 -3.65	109.22 -1.44 0.00	99.10 -1.41 0.00	101.54 -1.31 -2.55
CARTHAGE___PAPER 23857	103.00 0.51 -1.98	99.04 0.49 -1.78	99.04 0.49 -1.00	114.47 1.46 -0.51	113.42 1.44 -0.82	132.80 2.34 -0.52	171.53 4.19 0.00	179.64 5.57 0.00	176.87 4.65 0.00	133.21 2.21 -1.10	111.00 1.96 0.00	101.90 1.10 -0.86	102.37 1.01 -0.65	99.10 0.97 -0.69	102.46 1.11 -0.53	107.03 1.67 -0.93	113.84 1.77 -0.84	136.73 3.18 -0.91	135.84 3.17 -0.30	113.49 2.83 -1.46	107.01 2.46 -1.82	113.20 2.55 0.00	102.41 1.90 0.00	103.38 1.81 -1.27
CASSADAGA_WT_PWR 323784	106.59 -1.50 -7.59	101.45 -2.13 -6.80	97.95 -3.42 -3.82	109.74 -4.72 -1.96	110.51 -3.78 -3.12	127.91 -4.03 -2.00	161.83 -5.52 0.00	169.20 -4.87 0.00	167.39 -4.82 0.00	129.83 -4.28 -4.22	109.56 -1.53 -2.04	101.53 -1.70 -3.30	101.27 -1.92 -2.47	97.25 -2.83 -2.66	100.42 -2.42 -2.02	105.48 -2.51 -3.55	113.33 -3.11 -5.22	136.70 -2.38 -6.44	134.96 -3.30 -5.90	112.62 -5.13 -8.57	106.26 -4.62 -8.16	109.21 -4.32 -2.87	100.06 -3.42 -2.97	101.95 -3.21 -4.86
CE_DUNWOOD___DRP 24194	150.21 7.44 -42.27	141.74 7.06 -37.90	125.96 7.12 -21.29	131.74 8.33 -10.92	136.79 8.23 -17.40	150.83 9.75 -11.15	178.06 10.71 0.00	189.99 11.31 -4.60	184.10 11.88 0.00	164.37 10.65 -23.82	128.40 8.50 -10.86	126.14 7.79 -18.41	122.35 7.86 -13.77	119.75 7.50 -14.82	120.17 8.07 -11.28	132.50 8.25 -19.82	148.69 8.90 -28.57	178.90 11.14 -35.11	175.01 10.99 -31.66	164.91 8.74 -46.98	155.98 8.12 -45.14	134.51 8.63 -15.22	124.00 7.74 -15.75	134.73 7.32 -27.11
CE_MILLWOOD___DRP 24193	149.74 7.14 -42.10	141.30 6.77 -37.75	125.59 6.83 -21.21	131.36 7.99 -10.87	136.39 7.89 -17.33	150.40 9.36 -11.11	177.72 10.38 0.00	189.62 10.97 -4.59	183.58 11.37 0.00	163.59 10.26 -23.43	128.03 8.18 -10.82	125.76 7.50 -18.34	121.99 7.55 -13.72	119.49 7.31 -14.76	119.82 7.76 -11.24	132.22 8.04 -19.74	148.36 8.68 -28.46	178.49 10.88 -34.97	174.49 10.59 -31.54	164.40 8.41 -46.80	155.60 7.91 -44.97	134.23 8.41 -15.16	123.74 7.54 -15.69	134.33 7.02 -27.00
CE_NYC2_DRP 24202	151.72 8.84 -42.37	142.98 8.23 -37.99	127.08 8.19 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.40 12.05 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	159.04 9.60 -40.40	159.05 8.79 -50.32	156.29 8.86 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.39 10.12 -51.03	192.41 12.47 -47.29	176.28 12.18 -31.74	166.12 9.83 -47.10	157.13 9.14 -45.26	148.11 9.85 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
CE_NYC_DRP 24195	151.31 8.44 -42.36	142.69 7.94 -37.98	126.79 7.90 -21.34	138.50 9.34 -16.66	140.51 9.34 -20.00	152.03 10.91 -11.18	179.23 11.88 0.00	190.77 12.53 -4.17	184.90 13.09 0.40	174.89 12.08 -32.91	148.19 9.38 -29.78	147.38 8.59 -38.85	144.25 8.66 -34.87	141.94 8.38 -36.14	142.36 8.97 -32.56	148.01 9.09 -34.50	163.99 9.79 -42.97	187.44 12.20 -42.59	175.69 11.91 -31.41	165.63 9.50 -46.94	156.81 8.83 -45.25	143.20 9.41 -23.14	138.09 8.44 -29.13	142.58 7.92 -34.36
CHAFFEE___LFGE 323603	104.21 -3.82 -7.52	99.26 -4.26 -6.74	95.97 -5.37 -3.79	107.47 -6.98 -1.94	108.04 -6.22 -3.09	124.64 -7.27 -1.98	156.97 -10.38 0.00	162.58 -11.49 0.00	160.84 -11.37 0.00	124.96 -9.10 -4.15	105.06 -6.00 -2.02	97.79 -5.40 -3.25	97.51 -5.64 -2.43	94.20 -5.84 -2.62	97.37 -5.45 -1.99	102.39 -5.54 -3.50	109.92 -6.45 -5.15	132.77 -6.23 -6.35	130.92 -7.28 -5.84	109.34 -8.30 -8.45	103.31 -7.49 -8.08	106.08 -7.41 -2.84	97.51 -5.93 -2.94	99.71 -5.42 -4.82
CHATEAUG_35_KV_LOAD 355732	98.00 -2.51 0.00	94.74 -2.03 0.00	96.09 -1.46 0.00	111.15 -1.35 0.00	109.50 -1.67 0.00	127.34 -2.60 0.00	164.84 -2.51 0.00	171.98 -2.09 0.00	169.63 -2.58 0.00	126.52 -3.38 0.00	106.09 -2.94 0.00	96.54 -3.40 0.00	97.39 -3.32 0.00	94.21 -3.22 0.00	97.19 -3.63 0.00	100.46 -3.97 0.00	107.22 -4.00 0.00	126.81 -5.84 0.00	127.07 -5.29 0.00	105.59 -3.60 0.00	99.33 -3.39 0.00	107.89 -2.77 0.00	97.80 -2.71 0.00	98.10 -2.21 0.00
CHATEAUG_WT_PWR 323614	98.20 -2.31 0.00	94.93 -1.84 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	109.72 -1.45 0.00	127.60 -2.34 0.00	164.84 -2.51 0.00	171.80 -2.27 0.00	169.45 -2.76 0.00	126.40 -3.50 0.00	105.99 -3.05 0.00	96.54 -3.40 0.00	97.29 -3.42 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.23 -4.00 0.00	126.81 -5.83 0.00	127.07 -5.30 0.00	105.59 -3.60 0.00	99.54 -3.19 0.00	107.78 -2.88 0.00	97.70 -2.81 0.00	98.19 -2.11 0.00
CHAT_HIGH_FALL_HYD 323578	98.00 -2.51 0.00	94.74 -2.03 0.00	96.09 -1.46 0.00	111.15 -1.35 0.00	109.50 -1.67 0.00	127.34 -2.60 0.00	164.84 -2.51 0.00	171.98 -2.09 0.00	169.63 -2.58 0.00	126.52 -3.38 0.00	106.09 -2.94 0.00	96.54 -3.40 0.00	97.39 -3.32 0.00	94.21 -3.22 0.00	97.19 -3.63 0.00	100.46 -3.97 0.00	107.22 -4.00 0.00	126.81 -5.84 0.00	127.07 -5.29 0.00	105.59 -3.60 0.00	99.33 -3.39 0.00	107.89 -2.77 0.00	97.80 -2.71 0.00	98.10 -2.21 0.00
CHAUTAUQUA___LFGE 323629	105.47 -2.41 -7.38	100.39 -3.00 -6.61	97.07 -4.19 -3.72	108.79 -5.62 -1.90	109.43 -4.78 -3.04	126.55 -5.33 -1.95	159.32 -8.03 0.00	165.37 -8.70 0.00	163.61 -8.61 0.00	127.22 -6.76 -4.08	106.99 -4.03 -1.98	99.53 -3.59 -3.19	99.27 -3.83 -2.39	95.81 -4.19 -2.57	98.95 -3.83 -1.95	104.01 -3.86 -3.44	111.71 -4.57 -5.05	134.90 -3.98 -6.23	133.06 -5.03 -5.72	110.93 -6.55 -8.29	104.80 -5.85 -7.93	107.46 -5.98 -2.78	98.66 -4.72 -2.88	100.92 -4.12 -4.73
CHERRYST_13_KV_LD 356241	151.62 8.74 -42.36	142.98 8.23 -37.98	127.08 8.19 -21.34	138.77 9.68 -16.59	140.81 9.67 -19.97	152.42 11.30 -11.18	179.73 12.38 0.00	191.30 13.06 -4.17	185.59 13.78 0.40	175.28 12.47 -32.91	148.36 9.81 -29.51	147.49 8.99 -38.56	144.35 9.06 -34.57	142.03 8.77 -35.83	142.35 9.28 -32.25	148.22 9.50 -34.29	164.23 10.23 -42.77	187.88 12.73 -42.50	176.22 12.44 -31.41	166.06 9.94 -46.94	157.22 9.25 -45.25	143.44 9.74 -23.05	138.23 8.74 -28.98	142.80 8.22 -34.27

CHESTROR_138KV_BK263 355645	145.65 5.83 -39.32	137.55 5.52 -35.26	122.91 5.56 -19.80	129.18 6.53 -10.15	133.80 6.45 -16.19	147.97 7.67 -10.37	175.71 8.37 0.00	187.21 8.88 -4.26	181.34 9.13 0.00	160.09 8.31 -21.88	125.67 6.54 -10.09	123.05 6.00 -17.12	119.67 6.14 -12.81	117.06 5.85 -13.78	117.67 6.35 -10.49	129.34 6.47 -18.44	144.92 7.12 -26.57	174.32 9.02 -32.65	170.67 8.87 -29.44	159.87 6.99 -43.70	151.29 6.57 -41.99	131.78 6.97 -14.15	121.38 6.23 -14.64	131.34 5.82 -25.22
CH_MIDHUDSON___DRP 24192	150.92 7.34 -43.07	142.37 6.97 -38.63	126.27 7.02 -21.70	131.73 8.10 -11.12	137.02 8.12 -17.73	150.78 9.49 -11.36	178.22 10.88 0.00	190.44 11.49 -4.88	183.93 11.71 0.00	164.13 10.26 -23.97	128.53 8.29 -11.21	126.19 7.50 -18.76	122.31 7.55 -14.04	119.84 7.31 -15.10	120.08 7.76 -11.50	132.67 8.04 -20.20	149.27 8.79 -29.25	179.64 11.01 -35.98	175.81 10.85 -32.59	165.90 8.63 -48.09	156.93 8.12 -46.09	135.00 8.63 -15.71	124.50 7.74 -16.26	135.15 7.22 -27.63
CH_MISC_IPPS 23765	150.56 7.74 -42.31	142.06 7.35 -37.94	126.37 7.51 -21.31	131.97 8.55 -10.93	137.26 8.68 -17.42	151.24 10.14 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.48 11.04 -23.55	128.76 8.73 -10.99	126.25 7.89 -18.43	122.46 7.95 -13.79	119.96 7.69 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.80 -35.32	176.12 11.78 -31.98	165.79 9.39 -47.21	156.71 8.73 -45.26	135.37 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14
CH_RES_BVR_FALLS 23983	98.20 -2.31 0.00	94.74 -2.04 0.00	95.89 -1.66 0.00	110.82 -1.68 0.00	109.38 -1.78 0.00	127.60 -2.34 0.00	165.17 -2.18 0.00	171.99 -2.08 0.00	169.97 -2.24 0.00	127.56 -2.33 0.00	106.96 -2.08 0.00	97.73 -2.20 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.51 -2.31 0.00	101.92 -2.51 0.00	108.56 -2.67 0.00	128.80 -3.85 0.00	128.66 -3.71 0.00	106.68 -2.51 0.00	100.46 -2.26 0.00	108.44 -2.21 0.00	98.50 -2.01 0.00	98.39 -1.91 0.00
CH_RES_NIAGARA 23895	101.86 -5.33 -6.68	97.15 -5.61 -5.99	94.18 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.13 -1.76	150.44 -16.90 0.00	155.10 -18.97 0.00	153.62 -18.60 0.00	120.24 -13.38 -3.72	100.24 -10.58 -1.78	94.25 -8.59 -2.91	94.03 -8.86 -2.18	90.81 -8.96 -2.34	94.04 -8.57 -1.78	98.79 -8.77 -3.13	105.79 -10.01 -4.58	127.80 -10.48 -5.64	125.73 -11.78 -5.14	104.69 -12.01 -7.51	99.62 -10.27 -7.17	101.20 -11.95 -2.49	93.34 -9.75 -2.58	96.46 -8.12 -4.29
CH_RES_SYRACUSE 23985	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.10 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.16 0.00	173.03 -1.04 0.00	171.02 -1.20 0.00	131.73 -0.65 -2.48	108.50 -0.54 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.48 -1.56	101.61 -0.40 -1.19	106.21 -0.31 -2.09	112.90 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.51 -0.31 -4.09	110.22 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
CLINTON_WT_PWR 323605	98.20 -2.31 0.00	94.93 -1.84 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	109.72 -1.45 0.00	127.60 -2.34 0.00	164.84 -2.51 0.00	171.80 -2.27 0.00	169.45 -2.76 0.00	126.40 -3.50 0.00	105.99 -3.05 0.00	96.54 -3.40 0.00	97.29 -3.42 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.23 -4.00 0.00	126.81 -5.83 0.00	127.07 -5.30 0.00	105.59 -3.60 0.00	99.54 -3.19 0.00	107.78 -2.88 0.00	97.70 -2.81 0.00	98.19 -2.11 0.00
CLINTON___LFGE 323618	99.70 -0.81 0.00	96.29 -0.48 0.00	97.65 0.10 0.00	113.07 0.57 0.00	111.28 0.11 0.00	129.55 -0.39 0.00	167.01 -0.33 0.00	174.24 0.17 0.00	171.70 -0.52 0.00	128.08 -1.82 0.00	107.41 -1.63 0.00	97.64 -2.29 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.40 -2.42 0.00	101.62 -2.81 0.00	108.56 -2.67 0.00	128.40 -4.25 0.00	128.80 -3.57 0.00	107.01 -2.18 0.00	100.88 -1.85 0.00	109.33 -1.32 0.00	99.00 -1.50 0.00	99.80 -0.50 0.00
COBBLENY_34_KV_TB1 80064	104.21 -3.82 -7.52	99.26 -4.26 -6.74	95.97 -5.37 -3.79	107.47 -6.98 -1.94	108.04 -6.23 -3.09	124.64 -7.28 -1.98	156.97 -10.38 0.00	162.58 -11.49 0.00	160.68 -11.54 0.00	124.99 -9.09 -4.18	105.06 -6.00 -2.02	97.81 -5.40 -3.27	97.52 -5.64 -2.45	94.22 -5.85 -2.64	97.38 -5.44 -2.01	102.42 -5.53 -3.53	109.95 -6.45 -5.17	132.79 -6.23 -6.38	130.80 -7.41 -5.85	109.38 -8.30 -8.49	103.72 -7.09 -8.08	106.08 -7.41 -2.84	97.62 -5.83 -2.94	99.71 -5.42 -4.82
COFFEEN___115KV_TB3 355620	105.49 2.71 -2.27	101.23 2.42 -2.03	101.03 2.34 -1.14	116.35 3.26 -0.59	115.44 3.33 -0.93	135.34 4.81 -0.60	174.88 7.53 0.00	183.30 9.23 0.00	180.31 8.09 0.00	135.71 4.55 -1.26	113.07 4.03 0.00	103.92 3.00 -0.99	104.37 2.92 -0.74	100.95 2.73 -0.80	104.55 3.13 -0.61	109.46 3.97 -1.06	116.86 4.67 -0.96	140.85 7.16 -1.04	139.73 7.02 -0.35	116.54 5.68 -1.68	109.74 4.93 -2.09	115.53 4.87 0.00	104.43 3.92 0.00	105.37 3.61 -1.45
COLDSPRG_115KV_BK1 355956	107.02 -1.41 -7.92	101.74 -2.13 -7.10	98.22 -3.32 -3.99	109.93 -4.61 -2.04	110.76 -3.67 -3.26	127.99 -4.03 -2.09	163.16 -4.18 0.00	170.07 -4.00 0.00	168.08 -4.13 0.00	130.02 -4.29 -4.40	110.09 -1.09 -2.14	101.48 -1.90 -3.45	101.18 -2.12 -2.58	97.57 -2.63 -2.78	100.72 -2.22 -2.11	105.95 -2.19 -3.71	113.79 -2.89 -5.46	137.26 -2.12 -6.73	135.37 -3.18 -6.18	113.45 -4.70 -8.96	107.23 -4.01 -8.52	110.34 -3.32 -3.00	101.20 -2.41 -3.11	102.67 -2.71 -5.08
COLONIE_LFGE___ 323577	159.35 6.23 -52.60	149.85 5.90 -47.17	130.00 5.95 -26.50	132.84 6.75 -13.59	139.61 6.78 -21.66	151.87 8.06 -13.88	177.05 9.70 0.00	224.48 10.09 -40.32	182.20 9.98 0.00	167.23 8.06 -29.27	155.90 6.98 -39.88	129.04 6.20 -22.91	124.00 6.14 -17.14	121.71 5.85 -18.44	121.11 6.25 -14.04	135.79 6.69 -24.67	179.73 7.12 -61.38	223.34 8.75 -81.94	241.60 8.73 -100.50	212.79 6.88 -96.72	180.55 6.37 -71.45	173.55 6.98 -55.91	164.69 6.34 -57.85	140.16 6.12 -33.74
COOPERNY_115KV_TB1 80082	136.18 4.72 -30.94	128.97 4.45 -27.75	117.62 4.49 -15.59	125.67 5.18 -7.99	129.13 5.22 -12.74	144.33 6.24 -8.16	174.21 6.86 0.00	184.74 7.14 -3.54	179.62 7.41 0.00	153.74 6.62 -17.22	122.51 5.34 -8.13	118.31 4.90 -13.48	115.83 5.04 -10.08	113.15 4.87 -10.85	114.22 5.14 -8.26	124.27 5.33 -14.51	138.10 5.78 -21.09	166.04 7.43 -25.96	163.24 7.28 -23.60	149.64 5.79 -34.66	141.22 5.34 -33.15	127.70 5.64 -11.40	117.33 5.03 -11.79	124.86 4.71 -19.85
COPENHAGEN_WT_PWR 323753	104.36 1.51 -2.34	100.23 1.35 -2.10	100.00 1.26 -1.18	115.02 1.91 -0.61	114.13 2.00 -0.97	133.67 3.11 -0.62	172.54 5.19 0.00	180.68 6.61 0.00	177.89 5.67 0.00	134.19 2.99 -1.30	111.76 2.73 0.00	102.85 1.89 -1.02	103.29 1.81 -0.76	99.90 1.65 -0.82	103.36 1.91 -0.63	108.14 2.61 -1.10	115.23 3.00 -0.99	138.63 4.91 -1.07	137.63 4.90 -0.36	114.85 3.93 -1.73	108.26 3.38 -2.16	113.87 3.21 0.00	103.02 2.51 0.00	104.21 2.40 -1.50
CORNELL_____ 23752	112.87 2.41 -9.95	107.73 2.03 -8.92	104.32 1.76 -5.01	116.87 1.80 -2.57	117.15 1.89 -4.10	135.42 2.86 -2.63	171.20 3.85 0.00	179.50 4.00 -1.43	175.83 3.62 0.00	138.04 2.60 -5.54	114.17 2.29 -2.85	106.07 1.80 -4.33	105.77 1.81 -3.24	102.57 1.66 -3.49	105.39 1.92 -2.66	111.40 2.30 -4.67	121.35 3.11 -7.01	146.11 4.78 -8.69	145.12 4.63 -8.12	123.73 3.06 -11.48	116.40 2.88 -10.80	117.52 2.88 -3.99	107.05 2.41 -4.13	109.19 2.51 -6.38

CORONA V_69_KV_TB1 355595	176.40 9.75 -66.14	174.93 9.29 -68.87	169.30 9.27 -62.48	169.18 10.80 -45.87	170.41 10.78 -48.46	172.12 12.34 -29.84	196.19 14.56 -14.29	221.90 15.32 -32.52	199.74 15.67 -11.85	181.76 13.12 -38.74	172.61 10.90 -52.67	170.27 9.99 -60.35	169.48 10.07 -58.70	169.47 9.65 -62.39	164.72 10.28 -53.61	172.17 10.55 -57.19	189.09 11.57 -66.29	257.95 14.33 -110.98	244.33 14.03 -97.93	247.43 11.25 -127.00	186.80 10.48 -73.60	179.38 11.18 -57.55	178.80 10.05 -68.24	170.07 9.53 -60.24
CORTLAND_115KV_TB3 80093	110.04 1.61 -7.93	105.24 1.35 -7.11	102.62 1.07 -3.99	115.56 1.01 -2.05	115.54 1.11 -3.26	133.97 1.95 -2.09	169.69 2.34 0.00	176.51 2.44 0.00	174.45 2.24 0.00	136.00 1.69 -4.41	112.83 1.64 -2.15	104.69 1.30 -3.45	104.61 1.31 -2.58	101.37 1.17 -2.78	104.35 1.41 -2.12	109.82 1.67 -3.72	118.82 2.11 -5.47	142.72 3.32 -6.75	141.75 3.18 -6.21	120.14 1.97 -8.98	113.11 1.85 -8.54	115.45 1.77 -3.02	105.14 1.51 -3.12	106.89 1.50 -5.08
COXSACKIE__GT 23611	158.08 8.14 -49.43	148.84 7.74 -44.33	130.15 7.70 -24.90	133.71 8.44 -12.77	139.96 8.44 -20.35	152.98 10.01 -13.04	181.56 14.22 0.00	205.43 13.93 -17.43	187.03 14.81 0.00	166.89 9.48 -27.51	138.52 7.63 -21.85	128.16 6.70 -21.53	123.47 6.65 -16.11	121.29 6.53 -17.33	120.97 6.95 -13.19	135.55 7.93 -23.18	162.95 9.34 -42.38	198.79 11.80 -54.34	202.38 11.78 -58.24	186.81 9.39 -68.23	169.45 8.63 -58.10	150.48 9.18 -30.64	140.55 8.34 -31.70	140.13 8.12 -31.70
CPV_VALLEY__CC1 323721	142.09 4.92 -36.66	134.29 4.64 -32.87	120.70 4.68 -18.46	127.37 5.40 -9.47	131.70 5.45 -15.09	145.97 6.37 -9.67	174.21 6.86 0.00	185.34 7.31 -3.96	179.78 7.57 0.00	157.44 7.14 -20.40	124.00 5.56 -9.41	121.09 5.19 -15.97	117.90 5.23 -11.95	115.34 5.06 -12.85	115.95 5.34 -9.78	127.15 5.53 -17.19	142.00 6.00 -24.77	170.77 7.69 -30.43	167.34 7.54 -27.43	155.82 5.89 -40.74	147.41 5.54 -39.15	129.71 5.86 -13.19	119.38 5.22 -13.65	128.63 4.81 -23.51
CPV_VALLEY__CC2 323722	142.09 4.92 -36.66	134.29 4.64 -32.87	120.70 4.68 -18.46	127.37 5.40 -9.47	131.70 5.45 -15.09	145.97 6.37 -9.67	174.21 6.86 0.00	185.34 7.31 -3.96	179.78 7.57 0.00	157.44 7.14 -20.40	124.00 5.56 -9.41	121.09 5.19 -15.97	117.90 5.23 -11.95	115.34 5.06 -12.85	115.95 5.34 -9.78	127.15 5.53 -17.19	142.00 6.00 -24.77	170.77 7.69 -30.43	167.34 7.54 -27.43	155.82 5.89 -40.74	147.41 5.54 -39.15	129.71 5.86 -13.19	119.38 5.22 -13.65	128.63 4.81 -23.51
CRESCENT__HYD 24018	159.35 6.23 -52.60	149.85 5.90 -47.17	130.00 5.95 -26.50	132.84 6.75 -13.59	139.61 6.78 -21.66	151.87 8.06 -13.88	177.05 9.70 0.00	224.48 10.09 -40.32	182.20 9.98 0.00	167.23 8.06 -29.27	155.90 6.98 -39.88	129.04 6.20 -22.91	124.00 6.14 -17.14	121.71 5.85 -18.44	121.11 6.25 -14.04	135.79 6.69 -24.67	179.73 7.12 -61.38	223.34 8.75 -81.94	241.60 8.73 -100.50	212.79 6.88 -96.72	180.55 6.37 -71.45	173.55 6.98 -55.91	164.69 6.34 -57.85	140.16 6.12 -33.74
CRICKET__VALLEY_CC1 323756	151.70 6.63 -44.56	143.02 6.29 -39.96	126.43 6.44 -22.44	131.43 7.42 -11.51	136.96 7.45 -18.34	150.40 8.71 -11.75	177.22 9.87 0.00	189.79 10.09 -5.63	182.55 10.33 0.00	163.79 9.09 -24.80	128.59 7.52 -12.03	126.14 6.80 -19.41	121.99 6.75 -14.52	119.48 6.43 -15.62	119.77 7.06 -11.89	132.64 7.31 -20.90	149.70 7.78 -30.69	180.32 9.82 -37.86	176.75 9.66 -34.73	167.10 7.53 -50.38	157.74 7.08 -47.93	135.16 7.63 -16.87	124.89 6.93 -17.45	135.40 6.52 -28.58
CRICKET__VALLEY_CC2 323757	151.70 6.63 -44.56	143.02 6.29 -39.96	126.43 6.44 -22.44	131.43 7.42 -11.51	136.96 7.45 -18.34	150.40 8.71 -11.75	177.22 9.87 0.00	189.79 10.09 -5.63	182.55 10.33 0.00	163.79 9.09 -24.80	128.59 7.52 -12.03	126.14 6.80 -19.41	121.99 6.75 -14.52	119.48 6.43 -15.62	119.77 7.06 -11.89	132.64 7.31 -20.90	149.70 7.78 -30.69	180.32 9.82 -37.86	176.75 9.66 -34.73	167.10 7.53 -50.38	157.74 7.08 -47.93	135.16 7.63 -16.87	124.89 6.93 -17.45	135.40 6.52 -28.58
CRICKET__VALLEY_CC3 323758	151.70 6.63 -44.56	143.02 6.29 -39.96	126.43 6.44 -22.44	131.43 7.42 -11.51	136.96 7.45 -18.34	150.40 8.71 -11.75	177.22 9.87 0.00	189.79 10.09 -5.63	182.55 10.33 0.00	163.79 9.09 -24.80	128.59 7.52 -12.03	126.14 6.80 -19.41	121.99 6.75 -14.52	119.48 6.43 -15.62	119.77 7.06 -11.89	132.64 7.31 -20.90	149.70 7.78 -30.69	180.32 9.82 -37.86	176.75 9.66 -34.73	167.10 7.53 -50.38	157.74 7.08 -47.93	135.16 7.63 -16.87	124.89 6.93 -17.45	135.40 6.52 -28.58
CRUCIBLE_METL_DRP 24180	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
DAHOWA__HYDRO 323763	162.28 8.34 -53.43	152.62 7.94 -47.91	132.36 7.90 -26.91	135.19 8.89 -13.80	142.16 9.00 -22.00	154.94 10.92 -14.09	181.23 13.88 0.00	236.49 14.79 -47.63	187.37 15.16 0.00	171.06 11.43 -29.72	163.98 9.38 -45.56	131.48 8.29 -23.26	126.28 8.15 -17.41	123.95 7.80 -18.73	123.24 8.16 -14.25	138.46 8.98 -25.05	188.30 9.79 -67.28	235.27 12.07 -90.55	258.33 12.17 -113.79	224.36 9.61 -105.56	187.16 8.93 -75.50	184.16 9.62 -63.88	175.25 8.64 -66.09	143.00 8.43 -34.27
DANC__LFGE 323619	103.47 0.20 -2.76	99.25 0.00 -2.48	98.84 -0.10 -1.39	113.22 0.00 -0.71	112.42 0.11 -1.14	131.45 0.78 -0.73	168.85 1.50 0.00	176.51 2.44 0.00	174.11 1.90 0.00	132.22 0.78 -1.54	109.81 0.77 0.00	101.44 0.30 -1.20	101.82 0.20 -0.90	98.59 0.20 -0.97	101.86 0.30 -0.74	106.56 0.83 -1.30	113.51 1.11 -1.17	136.30 2.39 -1.27	135.04 2.25 -0.42	112.87 1.64 -2.04	106.60 1.33 -2.54	111.76 1.11 0.00	101.22 0.71 0.00	102.68 0.61 -1.77
DANSKAMMER__1 23586	150.56 7.74 -42.31	142.06 7.35 -37.94	126.37 7.51 -21.31	131.97 8.55 -10.93	137.26 8.68 -17.42	151.24 10.14 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.48 11.04 -23.55	128.76 8.73 -10.99	126.25 7.89 -18.43	122.46 7.95 -13.79	119.96 7.69 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.80 -35.32	176.12 11.78 -31.98	165.79 9.39 -47.21	156.71 8.73 -45.26	135.37 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14
DANSKAMMER__2 23589	150.56 7.74 -42.31	142.06 7.35 -37.94	126.37 7.51 -21.31	131.97 8.55 -10.93	137.26 8.68 -17.42	151.24 10.14 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.48 11.04 -23.55	128.76 8.73 -10.99	126.25 7.89 -18.43	122.46 7.95 -13.79	119.96 7.69 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.80 -35.32	176.12 11.78 -31.98	165.79 9.39 -47.21	156.71 8.73 -45.26	135.37 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14
DANSKAMMER__3 23590	150.56 7.74 -42.31	142.06 7.35 -37.94	126.37 7.51 -21.31	131.97 8.55 -10.93	137.26 8.68 -17.42	151.24 10.14 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.48 11.04 -23.55	128.76 8.73 -10.99	126.25 7.89 -18.43	122.46 7.95 -13.79	119.96 7.69 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.80 -35.32	176.12 11.78 -31.98	165.79 9.39 -47.21	156.71 8.73 -45.26	135.37 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14

DANSKAMMER___4 23591	150.56 7.74 -42.31	142.06 7.35 -37.94	126.37 7.51 -21.31	131.97 8.55 -10.93	137.26 8.68 -17.42	151.24 10.14 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.48 11.04 -23.55	128.76 8.73 -10.99	126.25 7.89 -18.43	122.46 7.95 -13.79	119.96 7.69 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.80 -35.32	176.12 11.78 -31.98	165.79 9.39 -47.21	156.71 8.73 -45.26	135.37 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14
DANSKAMMER___DIESEL 23592	150.56 7.74 -42.31	142.07 7.35 -37.94	126.37 7.51 -21.31	131.98 8.55 -10.93	137.26 8.67 -17.42	151.23 10.13 -11.16	179.06 11.71 0.00	191.20 12.36 -4.77	184.96 12.74 0.00	164.49 11.04 -23.55	128.75 8.72 -10.99	126.25 7.89 -18.43	122.46 7.96 -13.79	119.96 7.70 -14.83	120.38 8.27 -11.29	132.73 8.46 -19.84	149.29 9.34 -28.72	179.77 11.81 -35.32	175.99 11.65 -31.98	165.79 9.39 -47.21	156.72 8.73 -45.26	135.36 9.30 -15.41	124.70 8.24 -15.95	135.16 7.72 -27.14
DARBY___SOLAR 323810	161.56 7.74 -53.31	151.93 7.35 -47.81	131.81 7.41 -26.85	134.60 8.33 -13.77	141.56 8.44 -21.95	154.14 10.14 -14.06	180.23 12.89 0.00	234.39 13.59 -46.73	186.00 13.78 0.00	169.96 10.40 -29.66	162.51 8.61 -44.86	130.74 7.59 -23.21	125.54 7.45 -17.37	123.32 7.21 -18.69	122.61 7.57 -14.22	137.78 8.36 -24.99	186.90 9.12 -66.55	233.27 11.14 -89.48	255.76 11.24 -112.15	222.60 8.96 -104.46	186.03 8.32 -74.99	182.41 8.86 -62.89	173.63 8.04 -65.07	142.32 7.83 -34.19
DASHVILLE___HYD 23610	149.55 5.63 -43.41	141.02 5.32 -38.93	124.88 5.46 -21.87	130.01 6.30 -11.21	135.37 6.34 -17.87	148.79 7.41 -11.45	176.89 9.54 0.00	190.12 8.70 -7.34	182.55 10.33 0.00	162.37 8.31 -24.16	128.51 6.32 -13.14	124.54 5.70 -18.91	120.70 5.84 -14.15	118.20 5.55 -15.22	118.46 6.05 -11.59	131.06 6.27 -20.36	149.53 7.01 -31.29	180.61 9.02 -38.95	178.37 8.87 -37.13	167.43 7.10 -51.15	156.92 6.68 -47.52	136.06 6.97 -18.43	125.71 6.13 -19.07	133.76 5.62 -27.84
DEERFIELD_69_KV_DEERFIELD LD 355887	157.18 12.76 -43.91	153.20 12.10 -44.33	150.59 12.10 -40.94	150.40 13.95 -23.95	153.63 14.12 -28.34	158.44 16.11 -12.40	191.88 20.42 -4.12	227.65 21.06 -32.52	201.30 21.53 -7.56	171.15 16.37 -24.89	155.20 13.63 -32.53	147.72 11.19 -36.59	145.72 11.18 -33.82	145.78 10.81 -37.54	144.92 11.59 -32.50	153.54 12.53 -36.58	169.31 14.79 -43.29	201.23 17.64 -50.94	198.67 17.34 -48.97	183.81 14.09 -60.54	163.06 13.25 -47.09	153.99 13.17 -30.16	152.15 11.56 -40.09	147.29 10.83 -36.16
DELAWARE___LFGE 323621	123.77 4.12 -19.14	117.81 3.87 -17.16	110.90 3.71 -9.64	121.72 4.28 -4.94	123.38 4.34 -7.88	140.44 5.46 -5.05	174.04 6.69 0.00	187.66 6.79 -6.80	178.93 6.72 0.00	146.01 5.46 -10.65	123.28 4.69 -9.55	112.47 4.20 -8.34	111.28 4.33 -6.24	108.33 4.19 -6.71	110.27 4.34 -5.11	117.90 4.49 -8.98	133.82 5.12 -17.48	162.03 6.76 -22.62	164.06 6.62 -25.08	142.21 5.02 -28.00	130.68 4.83 -23.13	129.03 4.98 -13.39	118.79 4.42 -13.86	116.79 4.21 -12.28
DERFIELD_115KV_TB7 355931	101.71 1.21 0.00	97.84 1.06 0.00	98.62 1.07 0.00	113.63 1.13 0.00	112.39 1.22 0.00	131.49 1.56 0.00	168.85 1.51 0.00	175.64 1.57 0.00	173.94 1.72 0.00	131.33 1.43 0.00	110.35 1.31 0.00	101.23 1.30 0.00	102.02 1.31 0.00	98.69 1.27 0.00	102.13 1.31 0.00	105.79 1.36 0.00	112.68 1.45 0.00	134.50 1.86 0.00	134.09 1.72 0.00	110.50 1.31 0.00	103.96 1.23 0.00	111.87 1.22 0.00	101.71 1.21 0.00	101.51 1.20 0.00
DOGLEVILLE___HYD 23807	104.02 3.52 0.00	100.16 3.39 0.00	100.76 3.21 0.00	116.21 3.71 0.00	114.83 3.66 0.00	134.48 4.55 0.00	173.04 5.69 0.00	179.99 5.92 0.00	178.07 5.86 0.00	134.44 4.54 0.00	112.85 3.81 0.00	103.43 3.50 0.00	104.03 3.32 0.00	100.54 3.12 0.00	104.05 3.23 0.00	107.87 3.44 0.00	115.01 3.78 0.00	137.41 4.77 0.00	137.00 4.63 0.00	113.01 3.82 0.00	106.42 3.69 0.00	114.86 4.20 0.00	104.53 4.02 0.00	104.32 4.02 0.00
DUNKIRK___115KV_TB_200 55889	105.25 -2.61 -7.36	100.27 -3.10 -6.60	96.96 -4.29 -3.71	108.66 -5.74 -1.90	109.30 -4.89 -3.03	126.29 -5.59 -1.94	158.98 -8.37 0.00	164.67 -9.40 0.00	162.92 -9.30 0.00	126.85 -7.14 -4.09	106.54 -4.47 -1.98	99.14 -4.00 -3.20	98.98 -4.13 -2.40	95.62 -4.38 -2.58	98.75 -4.03 -1.96	103.81 -4.07 -3.45	111.50 -4.78 -5.06	134.64 -4.24 -6.24	132.65 -5.43 -5.71	110.72 -6.77 -8.30	104.98 -5.65 -7.91	107.23 -6.20 -2.77	98.55 -4.82 -2.87	100.81 -4.21 -4.72
DUNKIRK___1 23563	105.25 -2.61 -7.36	100.27 -3.10 -6.60	96.96 -4.29 -3.71	108.66 -5.74 -1.90	109.30 -4.89 -3.03	126.29 -5.59 -1.94	158.98 -8.37 0.00	164.67 -9.40 0.00	162.92 -9.30 0.00	126.85 -7.14 -4.09	106.54 -4.47 -1.98	99.14 -4.00 -3.20	98.98 -4.13 -2.40	95.62 -4.38 -2.58	98.75 -4.03 -1.96	103.81 -4.07 -3.45	111.50 -4.78 -5.06	134.64 -4.24 -6.24	132.65 -5.43 -5.71	110.72 -6.77 -8.30	104.98 -5.65 -7.91	107.23 -6.20 -2.77	98.55 -4.82 -2.87	100.81 -4.21 -4.72
DUNKIRK___2 23564	105.25 -2.61 -7.36	100.27 -3.10 -6.60	96.96 -4.29 -3.71	108.66 -5.74 -1.90	109.30 -4.89 -3.03	126.29 -5.59 -1.94	158.98 -8.37 0.00	164.67 -9.40 0.00	162.92 -9.30 0.00	126.85 -7.14 -4.09	106.54 -4.47 -1.98	99.14 -4.00 -3.20	98.98 -4.13 -2.40	95.62 -4.38 -2.58	98.75 -4.03 -1.96	103.81 -4.07 -3.45	111.50 -4.78 -5.06	134.64 -4.24 -6.24	132.65 -5.43 -5.71	110.72 -6.77 -8.30	104.98 -5.65 -7.91	107.23 -6.20 -2.77	98.55 -4.82 -2.87	100.81 -4.21 -4.72
DUNKIRK___3 23565	104.66 -3.12 -7.27	99.61 -3.68 -6.52	96.43 -4.78 -3.66	108.08 -6.30 -1.88	108.60 -5.56 -2.99	125.48 -6.37 -1.92	157.81 -9.54 0.00	163.45 -10.62 0.00	161.54 -10.68 0.00	125.76 -8.18 -4.04	105.64 -5.34 -1.95	98.30 -4.80 -3.16	98.15 -4.94 -2.37	94.81 -5.16 -2.55	97.92 -4.84 -1.94	102.93 -4.91 -3.41	110.66 -5.56 -4.99	133.63 -5.17 -6.16	131.65 -6.35 -5.64	109.85 -7.53 -8.20	104.27 -6.27 -7.81	106.53 -6.86 -2.73	97.91 -5.43 -2.83	100.15 -4.81 -4.66
DUNKIRK___4 23566	104.66 -3.12 -7.27	99.61 -3.68 -6.52	96.43 -4.78 -3.66	108.08 -6.30 -1.88	108.60 -5.56 -2.99	125.48 -6.37 -1.92	157.81 -9.54 0.00	163.45 -10.62 0.00	161.54 -10.68 0.00	125.76 -8.18 -4.04	105.64 -5.34 -1.95	98.30 -4.80 -3.16	98.15 -4.94 -2.37	94.81 -5.16 -2.55	97.92 -4.84 -1.94	102.93 -4.91 -3.41	110.66 -5.56 -4.99	133.63 -5.17 -6.16	131.65 -6.35 -5.64	109.85 -7.53 -8.20	104.27 -6.27 -7.81	106.53 -6.86 -2.73	97.91 -5.43 -2.83	100.15 -4.81 -4.66
DUNWOODS_138_KV_38W08_REV_LBMP_I 345000	150.71 7.84 -42.36	142.11 7.35 -37.98	126.30 7.41 -21.34	132.10 8.66 -10.94	137.28 8.67 -17.44	151.24 10.13 -11.17	178.56 11.21 0.00	190.52 11.84 -4.61	184.61 12.40 0.00	164.51 11.04 -23.57	128.75 8.83 -10.88	126.48 8.09 -18.45	122.68 8.16 -13.80	120.17 7.89 -14.85	120.60 8.47 -11.30	132.96 8.67 -19.86	149.20 9.34 -28.63	179.50 11.67 -35.18	175.47 11.38 -31.72	165.44 9.17 -47.08	156.49 8.53 -45.24	134.98 9.07 -15.25	124.43 8.14 -15.78	135.09 7.62 -27.17
E.WALDEN_115_KV_TR_1_REV_LBMP_G 345009	148.21 6.73 -40.97	139.90 6.39 -36.74	124.62 6.44 -20.64	130.51 7.43 -10.58	135.48 7.45 -16.87	149.45 8.71 -10.81	177.22 9.87 0.00	189.13 10.44 -4.62	183.06 10.85 0.00	162.18 9.48 -22.80	127.21 7.52 -10.65	124.57 6.80 -17.84	121.02 6.95 -13.35	118.41 6.62 -14.36	118.91 7.16 -10.93	131.06 7.41 -19.21	147.16 8.12 -27.81	177.20 10.35 -34.21	173.40 10.06 -30.97	162.99 8.08 -45.72	154.05 7.50 -43.83	133.55 7.97 -14.93	123.09 7.14 -15.45	133.20 6.62 -26.27

E179THST_138_KV_TB4_REV_LBMP_J 345001	151.92 9.05 -42.37	143.37 8.61 -37.99	127.37 8.49 -21.34	132.27 8.78 -10.99	137.30 8.67 -17.47	151.52 10.39 -11.19	178.56 11.21 0.00	190.69 12.01 -4.61	184.96 12.74 0.00	165.26 11.43 -23.93	129.12 9.05 -11.03	126.84 8.29 -18.61	123.05 8.36 -13.98	120.54 8.09 -15.02	120.97 8.67 -11.48	133.29 8.88 -19.99	149.54 9.57 -28.75	179.70 11.81 -35.25	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	135.39 9.41 -15.32	124.75 8.34 -15.89	135.46 7.92 -27.23
E179THST_13_KV_LOAD 356214	152.43 9.55 -42.37	143.76 9.00 -37.99	127.77 8.88 -21.34	132.72 9.23 -10.99	137.86 9.23 -17.47	152.04 10.91 -11.19	179.40 12.05 0.00	191.56 12.88 -4.61	185.82 13.61 0.00	166.04 12.21 -23.93	129.78 9.70 -11.03	127.44 8.89 -18.61	123.65 8.96 -13.98	121.02 8.57 -15.02	121.47 9.17 -11.48	133.82 9.40 -19.99	150.21 10.23 -28.75	180.50 12.60 -35.25	176.55 12.44 -31.74	166.23 9.94 -47.10	157.23 9.25 -45.26	135.94 9.96 -15.32	125.25 8.84 -15.89	135.96 8.43 -27.23
EAST HAMPTON___GT 23717	158.29 13.87 -43.91	154.26 13.16 -44.33	151.66 13.16 -40.94	151.63 15.18 -23.95	154.85 15.35 -28.34	159.75 17.42 -12.40	193.90 22.43 -4.12	229.92 23.33 -32.52	203.37 23.60 -7.56	172.58 17.80 -24.89	156.28 14.71 -32.53	148.72 12.19 -36.59	146.72 12.18 -33.82	146.65 11.69 -37.54	145.42 12.09 -32.50	154.69 13.68 -36.58	170.64 16.12 -43.29	203.09 19.51 -50.94	200.66 19.33 -48.97	185.23 15.50 -60.54	164.30 14.49 -47.09	155.31 14.49 -30.16	153.36 12.77 -40.09	148.39 11.93 -36.16
EAST RIVER___6 23660	151.01 8.14 -42.36	142.40 7.64 -37.98	126.50 7.61 -21.34	138.20 9.11 -16.59	140.14 9.00 -19.97	151.77 10.66 -11.18	178.88 11.54 0.00	190.60 12.36 -4.17	184.89 13.08 0.40	175.02 12.21 -32.91	147.93 9.38 -29.51	147.09 8.60 -38.56	144.04 8.76 -34.57	141.54 8.28 -35.83	141.84 8.77 -32.26	147.91 9.19 -34.29	163.89 9.90 -42.77	187.48 12.34 -42.50	175.82 12.04 -31.41	165.62 9.49 -46.94	156.81 8.84 -45.25	143.00 9.30 -23.05	137.83 8.34 -28.98	142.30 7.72 -34.27
EAST RIVER___7 23524	151.01 8.14 -42.36	142.40 7.64 -37.98	126.50 7.61 -21.34	138.20 9.11 -16.59	140.14 9.00 -19.97	151.77 10.66 -11.18	178.88 11.54 0.00	190.60 12.36 -4.17	184.89 13.08 0.40	175.02 12.21 -32.91	147.93 9.38 -29.51	147.09 8.60 -38.56	144.04 8.76 -34.57	141.54 8.28 -35.83	141.84 8.77 -32.26	147.91 9.19 -34.29	163.89 9.90 -42.77	187.48 12.34 -42.50	175.82 12.04 -31.41	165.62 9.49 -46.94	156.81 8.84 -45.25	143.00 9.30 -23.05	137.83 8.34 -28.98	142.30 7.72 -34.27
EASTVIEW_138_KV_38W32_REV_LBMP_I 345002	150.21 7.44 -42.27	141.74 7.06 -37.90	125.96 7.12 -21.29	131.74 8.33 -10.92	136.79 8.23 -17.40	150.83 9.75 -11.15	178.06 10.71 0.00	189.99 11.31 -4.60	184.10 11.88 0.00	164.37 10.65 -23.82	128.40 8.50 -10.86	126.14 7.79 -18.41	122.35 7.79 -13.77	119.75 8.07 -14.82	120.17 8.07 -11.28	132.50 8.25 -19.82	148.69 8.90 -28.57	178.90 11.14 -35.11	175.01 10.99 -31.66	164.91 8.74 -46.98	155.98 8.12 -45.14	134.51 8.63 -15.22	124.00 7.74 -15.75	134.73 7.32 -27.11
EAST_HAMPTON___DIESEL 23722	158.29 13.87 -43.91	154.26 13.16 -44.33	151.66 13.16 -40.94	151.63 15.18 -23.95	154.85 15.35 -28.34	159.75 17.42 -12.40	193.90 22.43 -4.12	229.74 23.15 -32.52	203.37 23.60 -7.56	172.58 17.80 -24.89	156.28 14.71 -32.53	148.72 12.19 -36.59	146.72 12.18 -33.82	146.65 11.69 -37.54	145.42 12.09 -32.50	154.69 13.68 -36.58	170.64 16.12 -43.29	203.09 19.51 -50.94	200.66 19.33 -48.97	185.22 15.50 -60.54	164.30 14.49 -47.09	155.31 14.49 -30.16	153.36 12.77 -40.09	148.39 11.93 -36.16
EAST_POINT___SOLAR 323840	169.50 10.35 -58.64	159.13 9.77 -52.58	136.65 9.57 -29.54	138.68 11.03 -15.14	146.65 11.34 -24.14	159.57 14.16 -15.47	186.58 19.24 0.00	242.50 20.36 -48.07	190.65 18.44 0.00	174.09 11.56 -32.63	162.56 8.18 -45.34	131.07 5.59 -25.54	125.06 5.23 -19.11	122.86 4.87 -20.56	122.42 5.95 -15.65	140.39 8.46 -27.50	192.19 11.68 -69.29	240.65 15.38 -92.62	262.32 15.88 -114.08	230.95 12.66 -109.10	194.69 11.81 -80.16	186.61 12.39 -63.57	177.14 10.86 -65.77	148.24 10.33 -37.61
EAST_PULASKI___ESR 323781	102.47 -1.20 -3.16	98.26 -1.35 -2.84	97.58 -1.56 -1.59	111.41 -1.91 -0.82	110.69 -1.78 -1.30	129.22 -1.55 -0.83	165.51 -1.84 0.00	172.50 -1.57 0.00	170.32 -1.89 0.00	130.11 -1.55 -1.76	107.84 -1.20 0.00	100.12 -1.19 -1.38	100.43 -1.31 -1.03	97.27 -1.27 -1.11	100.46 -1.21 -0.84	104.87 -1.04 -1.48	111.68 -0.89 -1.34	133.83 -0.26 -1.45	132.59 -0.26 -0.49	110.88 -0.65 -2.34	104.92 -0.71 -2.91	109.55 -1.11 0.00	99.31 -1.20 0.00	101.23 -1.10 -2.03
EAST_RIVER___1 323558	151.31 8.44 -42.36	142.69 7.94 -37.98	126.78 7.90 -21.34	138.42 9.33 -16.59	140.48 9.34 -19.97	152.03 10.92 -11.18	179.23 11.88 0.00	190.78 12.54 -4.17	184.89 13.08 0.40	174.90 12.08 -32.91	147.93 9.38 -29.51	147.09 8.60 -38.56	143.95 8.66 -34.57	141.54 8.28 -35.83	141.84 8.77 -32.26	147.80 9.08 -34.29	163.79 9.79 -42.77	187.34 12.20 -42.50	175.82 12.04 -31.41	165.62 9.49 -46.94	156.81 8.84 -45.25	143.10 9.40 -23.05	137.93 8.44 -28.98	142.50 7.92 -34.27
EAST_RIVER___2 323559	151.01 8.14 -42.36	142.40 7.64 -37.98	126.50 7.61 -21.34	138.20 9.11 -16.59	140.14 9.00 -19.97	151.77 10.66 -11.18	178.88 11.54 0.00	190.60 12.36 -4.17	184.89 13.08 0.40	175.02 12.21 -32.91	147.93 9.38 -29.51	147.09 8.60 -38.56	144.04 8.76 -34.57	141.54 8.28 -35.83	141.84 8.77 -32.26	147.91 9.19 -34.29	163.89 9.90 -42.77	187.48 12.34 -42.50	175.82 12.04 -31.41	165.62 9.49 -46.94	156.81 8.84 -45.25	143.00 9.30 -23.05	137.83 8.34 -28.98	142.30 7.72 -34.27
EAST___DELAWARE_HYD 23607	145.36 7.03 -37.82	137.27 6.58 -33.92	123.33 6.73 -19.05	129.92 7.65 -9.77	134.52 7.78 -15.57	149.27 9.36 -9.98	178.39 11.04 0.00	190.85 11.84 -4.93	184.27 12.05 0.00	160.95 10.00 -21.05	127.04 7.63 -10.37	123.20 6.80 -16.47	119.89 6.85 -12.33	117.32 6.63 -13.26	117.97 7.06 -10.09	129.58 7.42 -17.74	146.11 8.68 -26.20	176.28 11.27 -32.36	173.45 11.24 -29.84	161.13 8.96 -42.99	151.72 8.22 -40.77	133.93 8.74 -14.54	123.18 7.63 -15.04	131.68 7.12 -24.26
EIGHT_POINT___WT_PWR 323820	108.41 -1.10 -9.00	103.29 -1.55 -8.07	99.84 -2.24 -4.53	111.68 -3.15 -2.32	112.32 -2.55 -3.71	130.36 -1.95 -2.37	165.17 -2.18 0.00	171.09 -4.18 -1.20	167.05 -5.16 0.00	130.10 -4.94 -5.14	108.57 -2.94 -2.47	101.16 -2.80 -4.02	100.80 -2.92 -3.01	97.74 -2.92 -3.24	100.77 -2.52 -2.46	106.67 -2.09 -4.33	116.67 -0.89 -6.34	140.86 0.40 -7.82	139.25 -0.26 -7.15	117.64 -1.96 -10.41	110.89 -1.54 -9.71	112.91 -1.21 -3.47	103.29 -0.81 -3.59	105.68 -0.40 -5.77
ELBRIDGE_115KV_TB2 80188	104.42 -0.80 -4.72	100.04 -0.97 -4.23	98.76 -1.17 -2.38	112.15 -1.58 -1.22	111.66 -1.45 -1.94	129.88 -1.30 -1.24	165.17 -2.18 0.00	171.81 -2.26 0.00	169.98 -2.24 0.00	131.10 -1.43 -2.63	107.84 -1.20 0.00	100.99 -1.00 -2.05	101.25 -1.01 -1.54	98.11 -0.97 -1.65	101.07 -1.01 -1.26	105.81 -0.84 -2.21	112.45 -0.78 -2.00	134.54 -0.27 -2.16	132.69 -0.40 -0.73	111.80 -0.87 -3.49	106.24 -0.82 -4.34	109.44 -1.22 0.00	99.40 -1.11 0.00	102.33 -1.00 -3.03
ELEC_TRO_TEK 24086	163.31 9.25 -53.56	160.46 8.71 -54.98	156.62 8.78 -50.29	156.21 10.24 -33.47	158.47 10.23 -37.07	161.60 11.69 -19.97	189.60 13.72 -8.53	220.86 14.27 -32.52	196.45 14.81 -9.42	173.27 12.47 -30.90	160.67 10.36 -41.27	156.33 9.49 -46.91	154.90 9.57 -44.62	155.01 9.26 -48.33	152.27 9.78 -41.67	160.09 10.13 -45.53	175.40 10.90 -53.27	222.35 13.53 -76.18	215.15 13.24 -69.55	208.25 10.59 -88.47	171.18 9.86 -58.60	163.33 10.62 -42.05	162.36 9.55 -52.31	155.94 9.03 -46.61

ELLENBURG_WT_PWR 323604	98.20 -2.31 0.00	94.93 -1.84 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	109.72 -1.45 0.00	127.60 -2.34 0.00	164.84 -2.51 0.00	171.80 -2.27 0.00	169.45 -2.76 0.00	126.40 -3.50 0.00	105.99 -3.05 0.00	96.54 -3.40 0.00	97.29 -3.42 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.23 -4.00 0.00	126.81 -5.83 0.00	127.07 -5.30 0.00	105.59 -3.60 0.00	99.54 -3.19 0.00	107.78 -2.88 0.00	97.70 -2.81 0.00	98.19 -2.11 0.00
ELM_ST_23_KV_LD_REV_LBMP_A 345012	103.34 -4.22 -7.06	98.55 -4.55 -6.33	95.45 -5.66 -3.55	107.01 -7.31 -1.82	107.40 -6.67 -2.90	124.00 -7.80 -1.86	155.30 -12.05 0.00	160.32 -13.75 0.00	158.61 -13.61 0.00	123.69 -10.13 -3.93	103.62 -7.31 -1.89	96.81 -6.20 -3.07	96.57 -6.45 -2.30	93.27 -6.62 -2.47	96.45 -6.25 -1.88	101.37 -6.37 -3.31	108.95 -7.12 -4.84	131.45 -7.16 -5.97	129.48 -8.34 -5.46	108.08 -9.06 -7.95	102.60 -7.70 -7.58	104.78 -8.52 -2.65	96.41 -6.83 -2.74	98.91 -5.92 -4.53
EMPIRE_CC_1 323656	155.66 5.12 -50.03	146.57 4.93 -44.86	127.72 4.97 -25.20	131.04 5.62 -12.92	137.32 5.56 -20.60	149.63 6.49 -13.20	174.88 7.54 0.00	194.53 7.65 -12.81	179.78 7.57 0.00	164.36 6.62 -27.84	133.36 5.88 -18.44	127.01 5.29 -21.79	122.15 5.13 -16.30	119.93 4.97 -17.54	119.51 5.34 -13.35	133.42 5.53 -23.46	156.30 5.78 -39.29	189.47 7.16 -49.66	189.80 7.01 -50.42	178.37 5.46 -63.72	164.53 5.13 -56.67	142.15 5.64 -25.86	132.48 5.22 -26.75	137.40 5.01 -32.08
EMPIRE_CC_2 323658	155.66 5.12 -50.03	146.57 4.93 -44.86	127.72 4.97 -25.20	131.04 5.62 -12.92	137.32 5.56 -20.60	149.63 6.49 -13.20	174.88 7.54 0.00	194.53 7.65 -12.81	179.78 7.57 0.00	164.36 6.62 -27.84	133.36 5.88 -18.44	127.01 5.29 -21.79	122.15 5.13 -16.30	119.93 4.97 -17.54	119.51 5.34 -13.35	133.42 5.53 -23.46	156.30 5.78 -39.29	189.47 7.16 -49.66	189.80 7.01 -50.42	178.37 5.46 -63.72	164.53 5.13 -56.67	142.15 5.64 -25.86	132.48 5.22 -26.75	137.40 5.01 -32.08
ENORWICH_115KV_TB1 80156	124.51 8.74 -15.26	118.59 8.13 -13.68	112.85 7.61 -7.69	125.11 8.66 -3.94	126.23 8.78 -6.28	145.65 11.69 -4.03	183.41 16.07 0.00	194.56 17.41 -3.08	188.23 16.02 0.00	149.56 11.17 -8.49	124.25 9.92 -5.29	114.67 8.09 -6.65	113.54 7.86 -4.97	110.28 7.50 -5.35	113.06 8.17 -4.07	120.88 9.29 -7.16	134.12 11.23 -11.66	163.49 16.18 -14.67	163.12 16.15 -14.61	140.48 12.34 -18.95	131.22 11.40 -17.09	129.58 11.51 -7.42	118.04 9.85 -7.68	119.62 9.53 -9.79
ERIE_ST__34_KV_TB1-2 80199	103.24 -4.62 -7.35	98.33 -5.03 -6.59	95.11 -6.15 -3.70	106.53 -7.88 -1.90	107.08 -7.11 -3.03	123.69 -8.19 -1.94	157.14 -10.21 0.00	162.41 -11.66 0.00	160.68 -11.54 0.00	123.99 -10.00 -4.09	105.02 -6.00 -1.97	96.84 -6.30 -3.20	96.66 -6.45 -2.40	93.38 -6.62 -2.58	96.53 -6.25 -1.96	101.51 -6.37 -3.45	109.27 -7.01 -5.05	131.85 -7.03 -6.23	129.86 -8.21 -5.71	108.64 -8.84 -8.30	102.92 -7.70 -7.90	106.12 -7.30 -2.77	97.54 -5.83 -2.86	99.00 -6.02 -4.71
ERIE_WT_PWR 323693	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.73 -5.46 -3.64	107.17 -7.20 -1.87	107.69 -6.45 -2.98	124.30 -7.54 -1.91	156.30 -11.05 0.00	161.53 -12.54 0.00	159.99 -12.22 0.00	124.29 -9.61 -4.01	104.44 -6.54 -1.94	97.27 -5.80 -3.13	97.02 -6.04 -2.35	93.71 -6.24 -2.52	96.89 -5.85 -1.92	101.86 -5.95 -3.38	109.51 -6.67 -4.95	132.13 -6.63 -6.11	130.29 -7.68 -5.60	108.69 -8.63 -8.13	102.79 -7.71 -7.77	105.52 -7.85 -2.72	96.99 -6.33 -2.81	99.33 -5.61 -4.64
ESPRGFLD_115KV_TB1 80157	106.74 6.23 0.00	102.58 5.81 0.00	103.11 5.56 0.00	118.92 6.41 0.00	117.84 6.67 0.00	138.64 8.71 0.00	178.89 11.55 0.00	220.87 12.36 -34.44	183.93 11.71 0.00	137.95 8.05 0.00	148.89 6.32 -33.53	105.13 5.20 0.00	105.95 5.24 0.00	102.30 4.87 0.00	106.27 5.44 0.00	110.80 6.37 0.00	151.97 7.90 -32.84	191.77 10.48 -48.64	220.66 10.59 -77.71	166.02 8.19 -48.64	129.74 7.60 -19.41	165.41 7.75 -47.01	155.88 6.73 -48.64	106.62 6.32 0.00
ETNA_115_KV_TB1_REV_LBMP_C 345029	112.75 2.31 -9.93	107.61 1.94 -8.91	104.21 1.66 -5.00	116.75 1.69 -2.56	117.03 1.78 -4.09	135.28 2.73 -2.62	170.86 3.51 0.00	179.33 3.83 -1.43	175.66 3.44 0.00	137.89 2.47 -5.53	114.07 2.18 -2.85	105.96 1.70 -4.33	105.66 1.71 -3.24	102.47 1.56 -3.48	105.29 1.81 -2.65	111.28 2.19 -4.66	121.23 3.00 -7.00	145.83 4.51 -8.68	144.86 4.37 -8.12	123.61 2.95 -11.47	116.28 2.77 -10.78	117.30 2.66 -3.99	106.95 2.31 -4.13	108.98 2.31 -6.37
ETNA____115KV_TB2 80207	112.75 2.31 -9.93	107.61 1.94 -8.91	104.21 1.66 -5.00	116.75 1.69 -2.56	117.03 1.78 -4.09	135.28 2.73 -2.62	170.86 3.51 0.00	179.33 3.83 -1.43	175.66 3.44 0.00	137.89 2.47 -5.53	114.07 2.18 -2.85	105.96 1.70 -4.33	105.66 1.71 -3.24	102.47 1.56 -3.48	105.29 1.81 -2.65	111.28 2.19 -4.66	121.23 3.00 -7.00	145.83 4.51 -8.68	144.86 4.37 -8.12	123.61 2.95 -11.47	116.28 2.77 -10.78	117.30 2.66 -3.99	106.95 2.31 -4.13	108.98 2.31 -6.37
EUCLID____115KV_TB2 356179	102.81 -1.41 -3.70	98.55 -1.55 -3.32	97.66 -1.76 -1.87	111.21 -2.25 -0.96	110.58 -2.11 -1.52	128.83 -2.08 -0.98	164.17 -3.18 0.00	170.76 -3.31 0.00	168.94 -3.27 0.00	129.75 -2.21 -2.06	107.29 -1.74 0.00	100.05 -1.50 -1.61	100.41 -1.51 -1.21	97.17 -1.56 -1.30	100.30 -1.51 -0.99	104.71 -1.46 -1.74	111.35 -1.45 -1.57	133.15 -1.19 -1.70	131.61 -1.32 -0.57	110.29 -1.64 -2.74	104.69 -1.44 -3.40	108.78 -1.88 0.00	98.80 -1.71 0.00	101.07 -1.60 -2.38
E_CANADA_CAP_HY 24051	169.61 8.14 -60.97	159.09 7.64 -54.67	135.67 7.41 -30.71	136.79 8.55 -15.74	145.05 8.78 -25.10	157.06 11.04 -16.08	182.41 15.07 0.00	234.59 15.84 -44.68	187.03 14.81 0.00	173.70 9.87 -33.93	158.95 7.52 -42.40	132.38 5.89 -26.55	126.42 5.84 -19.87	124.26 5.45 -21.38	123.24 6.15 -16.27	140.75 7.73 -28.59	188.30 9.67 -67.40	234.68 12.61 -89.43	252.83 12.84 -107.63	225.91 10.16 -106.56	192.77 9.44 -80.60	179.95 9.85 -59.45	170.55 8.54 -61.51	147.63 8.23 -39.10
E_CANADA_MHWK_HY 24050	104.02 3.52 0.00	100.16 3.39 0.00	100.76 3.21 0.00	116.21 3.71 0.00	114.83 3.66 0.00	134.48 4.55 0.00	173.04 5.69 0.00	179.99 5.92 0.00	178.07 5.86 0.00	134.44 4.54 0.00	112.85 3.81 0.00	103.43 3.50 0.00	104.03 3.32 0.00	100.54 3.12 0.00	104.05 3.23 0.00	107.87 3.44 0.00	115.01 3.78 0.00	137.41 4.77 0.00	137.00 4.63 0.00	113.01 3.82 0.00	106.42 3.69 0.00	114.86 4.20 0.00	104.53 4.02 0.00	104.32 4.02 0.00
E_FISHKILL____LBMP 23776	150.49 6.73 -43.25	141.94 6.39 -38.78	125.77 6.44 -21.79	131.21 7.54 -11.17	136.42 7.45 -17.81	150.05 8.71 -11.41	177.05 9.71 0.00	188.85 10.10 -4.69	182.72 10.51 0.00	163.45 9.48 -24.07	127.76 7.63 -11.09	125.76 7.00 -18.84	121.86 7.05 -14.10	119.41 6.82 -15.16	119.62 7.26 -11.54	132.23 7.52 -20.28	148.56 8.12 -29.21	178.62 10.08 -35.90	174.51 9.79 -32.35	165.10 7.86 -48.05	156.30 7.40 -46.18	134.06 7.86 -15.55	123.63 7.04 -16.09	134.66 6.62 -27.74
FALCON____SEABRD_CC1 323796	99.41 -1.10 0.00	96.00 -0.78 0.00	97.36 -0.19 0.00	112.73 0.23 0.00	110.94 -0.22 0.00	129.16 -0.77 0.00	165.84 -1.51 0.00	173.03 -1.04 0.00	170.49 -1.72 0.00	127.30 -2.60 0.00	106.64 -2.40 0.00	97.03 -2.90 0.00	97.90 -2.82 0.00	94.70 -2.73 0.00	97.80 -3.02 0.00	100.99 -3.44 0.00	107.78 -3.45 0.00	127.47 -5.18 0.00	127.86 -4.50 0.00	106.25 -2.94 0.00	100.16 -2.56 0.00	108.55 -2.11 0.00	98.30 -2.21 0.00	99.50 -0.81 0.00

FALCON___SEABRD_CC2 323797	99.41 -1.10 0.00	96.00 -0.78 0.00	97.36 -0.19 0.00	112.73 0.23 0.00	110.94 -0.22 0.00	129.16 -0.77 0.00	165.84 -1.51 0.00	173.03 -1.04 0.00	170.49 -1.72 0.00	127.30 -2.60 0.00	106.64 -2.40 0.00	97.03 -2.90 0.00	97.90 -2.82 0.00	94.70 -2.73 0.00	97.80 -3.02 0.00	100.99 -3.44 0.00	107.78 -3.45 0.00	127.47 -5.18 0.00	127.86 -4.50 0.00	106.25 -2.94 0.00	100.16 -2.56 0.00	108.55 -2.11 0.00	98.30 -2.21 0.00	99.50 -0.81 0.00
FAR ROCKAWAY___4 23548	178.84 10.75 -67.58	177.39 10.16 -70.46	171.57 10.15 -63.88	171.49 11.70 -47.29	172.60 11.67 -49.76	174.42 13.51 -30.97	198.52 16.23 -14.94	223.64 17.06 -32.52	201.74 17.39 -12.13	183.96 14.42 -39.64	174.90 11.89 -53.97	172.71 10.89 -61.88	172.00 10.98 -60.31	171.95 10.52 -64.00	166.99 11.19 -54.98	174.55 11.59 -58.52	191.69 12.68 -67.78	263.36 15.78 -114.92	249.00 15.49 -101.15	252.89 12.34 -131.36	189.55 11.51 -75.32	182.26 12.28 -59.32	181.52 10.96 -70.06	172.53 10.43 -61.80
FARRAGUT_138_KV_32071_REV_LBMP_J 345003	151.31 8.44 -42.36	142.69 7.94 -37.98	126.79 7.90 -21.34	140.86 9.45 -18.91	141.63 9.45 -21.01	152.04 10.91 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	175.96 12.08 -33.98	155.56 9.38 -37.14	155.33 8.59 -46.81	152.46 8.66 -43.08	150.14 8.28 -44.43	150.54 8.87 -40.84	153.72 9.09 -40.20	169.58 9.79 -48.56	190.80 12.20 -45.95	176.02 11.91 -31.74	165.79 9.50 -47.10	156.81 8.83 -45.26	146.30 9.41 -26.24	143.34 8.44 -34.39	145.41 7.92 -37.18
FARRAGUT_138_KV_38B01_REV_LBMP_J 345016	151.31 8.44 -42.36	142.69 7.94 -37.98	126.89 8.00 -21.34	141.49 9.45 -19.53	141.91 9.45 -21.29	152.17 11.04 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	175.96 12.08 -33.98	157.63 9.38 -39.21	157.57 8.59 -49.04	154.76 8.66 -45.39	152.47 8.28 -46.76	152.86 8.87 -43.17	155.32 9.09 -41.80	171.15 9.79 -50.13	191.65 12.20 -46.80	176.02 11.91 -31.74	165.79 9.50 -47.10	156.92 8.94 -45.26	147.28 9.52 -27.11	144.91 8.54 -35.85	146.30 8.02 -37.97
FARRAGUT_138_KV_38M12_REV_LBMP_J 345017	151.31 8.44 -42.36	142.69 7.94 -37.98	126.79 7.90 -21.34	135.52 9.34 -13.68	139.17 9.34 -18.67	152.03 10.91 -11.18	179.23 11.88 0.00	191.04 12.36 -4.61	185.13 12.92 0.00	175.83 11.95 -33.98	138.23 9.27 -19.93	136.64 8.49 -28.22	133.16 8.56 -23.89	130.75 8.28 -25.04	131.17 8.87 -21.48	140.28 8.98 -26.87	156.51 9.79 -35.49	183.61 12.07 -38.89	175.87 11.78 -31.73	165.67 9.39 -47.09	156.80 8.83 -45.25	139.10 9.41 -19.04	131.14 8.44 -22.19	138.84 7.92 -30.62
FARRAGUT___LBMP 323566	151.21 8.34 -42.36	142.59 7.84 -37.98	126.69 7.80 -21.34	141.37 9.34 -19.53	141.69 9.23 -21.29	151.91 10.78 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	175.70 11.82 -33.98	157.41 9.16 -39.21	157.37 8.39 -49.04	154.56 8.46 -45.39	152.37 8.18 -46.76	152.76 8.77 -43.17	155.21 8.98 -41.80	171.04 9.68 -50.13	191.39 11.94 -46.80	175.75 11.65 -31.74	165.68 9.39 -47.10	156.71 8.73 -45.26	147.06 9.30 -27.11	144.71 8.34 -35.85	146.10 7.82 -37.97
FENNER___WINDPWR 24204	108.37 2.61 -5.25	103.80 2.32 -4.71	102.34 2.14 -2.64	116.33 2.47 -1.36	115.89 2.56 -2.16	134.95 3.63 -1.38	172.20 4.86 0.00	179.47 5.40 0.00	177.21 5.00 0.00	136.33 3.51 -2.92	112.09 3.05 0.00	104.92 2.70 -2.29	105.04 2.61 -1.71	101.80 2.53 -1.84	104.95 2.72 -1.40	109.93 3.03 -2.46	116.91 3.45 -2.23	139.82 4.77 -2.41	137.80 4.63 -0.81	116.46 3.39 -3.88	110.63 3.08 -4.83	113.75 3.09 0.00	103.12 2.61 0.00	106.27 2.60 -3.37
FIBERTEK___ENERGY 23856	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
FITZPATRICK___ 23598	100.00 -3.12 -2.61	96.01 -3.10 -2.34	95.55 -3.32 -1.31	109.24 -3.94 -0.67	108.46 -3.78 -1.07	126.34 -4.28 -0.69	161.49 -5.86 0.00	167.97 -6.10 0.00	166.18 -6.03 0.00	127.07 -4.28 -1.45	105.44 -3.60 0.00	97.87 -3.20 -1.14	98.34 -3.23 -0.85	95.13 -3.21 -0.91	98.29 -3.23 -0.70	102.42 -3.24 -1.22	108.89 -3.45 -1.11	130.13 -3.71 -1.19	128.92 -3.84 -0.40	107.62 -3.50 -1.93	101.74 -3.39 -2.40	106.89 -3.76 0.00	97.09 -3.42 0.00	98.76 -3.21 -1.67
FLOWRFLD_69_KV_BK1 356044	155.44 10.96 -43.97	151.53 10.35 -44.40	148.90 10.34 -41.01	148.56 12.04 -24.02	151.69 12.12 -28.40	156.02 13.64 -12.45	188.23 16.73 -4.15	223.99 17.41 -32.52	197.53 17.74 -7.57	168.99 14.16 -24.93	153.62 11.99 -32.59	147.19 10.59 -36.66	145.19 10.58 -33.90	145.27 10.23 -37.61	144.38 10.99 -32.57	152.56 11.49 -36.64	167.38 12.79 -43.36	199.53 15.78 -51.10	196.95 15.49 -49.10	182.35 12.45 -60.71	161.50 11.61 -47.17	153.08 12.17 -30.25	151.43 10.75 -40.17	146.66 10.13 -36.23
FORGEBRK_115_KV_TR1_2_REV_LBMP_G 345010	151.04 8.04 -42.49	142.43 7.55 -38.10	126.66 7.71 -21.40	132.36 8.89 -10.97	137.55 8.89 -17.49	151.54 10.39 -11.21	179.56 12.22 0.00	191.72 12.88 -4.77	185.48 13.26 0.00	164.85 11.30 -23.65	129.00 8.94 -11.02	126.63 8.19 -18.51	122.82 8.26 -13.85	120.22 7.89 -14.90	120.63 8.47 -11.34	133.13 8.77 -19.93	149.73 9.68 -28.83	180.30 12.20 -35.45	176.49 12.05 -32.08	166.19 9.61 -47.39	157.21 9.04 -45.45	135.63 9.52 -15.46	125.04 8.54 -15.99	135.58 8.02 -27.25
FORT ORANGE___ 23900	156.23 4.12 -51.60	147.01 3.97 -46.27	127.25 3.71 -25.99	129.87 4.04 -13.33	136.30 3.89 -21.24	147.97 4.42 -13.61	172.54 5.19 0.00	203.75 5.22 -24.47	177.72 5.51 0.00	163.28 4.67 -28.71	141.31 4.69 -27.59	126.80 4.39 -22.47	121.76 4.23 -16.82	119.70 4.19 -18.09	118.73 4.14 -13.77	133.01 4.39 -24.20	164.47 4.33 -48.91	201.46 5.17 -63.65	209.26 5.03 -71.86	191.38 4.04 -78.15	169.83 3.69 -63.41	153.43 4.10 -38.68	144.55 4.02 -40.02	137.41 4.02 -33.09
FORT_DRUM_COGEN 23780	104.40 1.71 -2.18	100.28 1.55 -1.95	100.11 1.46 -1.10	115.32 2.25 -0.56	114.40 2.33 -0.90	134.02 3.51 -0.57	173.20 5.86 0.00	181.38 7.31 0.00	178.76 6.54 0.00	134.62 3.51 -1.21	112.20 3.16 0.00	103.08 2.20 -0.95	103.54 2.12 -0.71	100.24 2.05 -0.76	103.72 2.32 -0.58	108.38 2.92 -1.02	115.49 3.34 -0.92	138.95 5.31 -1.00	137.86 5.16 -0.33	115.06 4.26 -1.61	108.43 3.70 -2.00	114.31 3.65 0.00	103.42 2.91 0.00	104.31 2.61 -1.40
FOX_HILLS___ESR 323835	151.72 8.84 -42.37	142.89 8.13 -37.99	126.89 8.00 -21.34	199.37 8.89 -77.97	200.99 8.89 -80.93	206.96 10.65 -66.37	236.80 11.55 -57.90	410.92 12.53 -224.32	443.53 13.26 -258.06	393.36 11.82 -251.64	365.84 9.38 -247.42	365.88 8.59 -257.35	365.88 8.66 -256.50	365.80 8.28 -260.09	365.87 8.87 -256.18	365.86 9.19 -252.23	386.88 9.90 -265.75	383.29 12.34 -238.31	365.72 12.18 -221.18	399.58 9.83 -280.57	415.02 9.14 -303.16	378.36 9.74 -257.97	321.04 8.64 -211.89	246.97 8.12 -138.54
FPL FAR_ROCK_GT1 24212	178.85 10.76 -67.58	177.39 10.16 -70.46	171.57 10.14 -63.88	171.49 11.70 -47.29	172.59 11.67 -49.76	174.42 13.51 -30.97	198.52 16.23 -14.94	223.65 17.07 -32.52	201.73 17.39 -12.13	183.96 14.42 -39.64	174.90 11.89 -53.97	172.71 10.89 -61.89	172.00 10.98 -60.31	171.95 10.53 -64.00	166.89 11.09 -54.98	174.55 11.59 -58.52	191.68 12.68 -67.78	263.35 15.78 -114.93	249.12 15.61 -101.15	252.89 12.33 -131.36	189.54 11.50 -75.32	182.26 12.28 -59.32	181.53 10.96 -70.06	172.53 10.43 -61.80

FPL FAR_ROCK_GT2 23815	178.85 10.76 -67.58	177.39 10.16 -70.46	171.57 10.14 -63.88	171.49 11.70 -47.29	172.59 11.67 -49.76	174.42 13.51 -30.97	198.52 16.23 -14.94	223.65 17.07 -32.52	201.73 17.39 -12.13	183.96 14.42 -39.64	174.90 11.89 -53.97	172.71 10.89 -61.89	172.00 10.98 -60.31	171.95 10.53 -64.00	166.89 11.09 -54.98	174.55 11.59 -58.52	191.68 12.68 -67.78	263.35 15.78 -114.93	249.12 15.61 -101.15	252.89 12.33 -131.36	189.54 11.50 -75.32	182.26 12.28 -59.32	181.53 10.96 -70.06	172.53 10.43 -61.80
FRANKLIN_FALL_HYD 24054	98.70 -1.81 0.00	95.32 -1.45 0.00	96.77 -0.78 0.00	112.28 -0.23 0.00	110.50 -0.67 0.00	128.37 -1.56 0.00	166.18 -1.17 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	127.43 -2.47 0.00	106.97 -2.07 0.00	97.04 -2.90 0.00	98.00 -2.72 0.00	94.80 -2.63 0.00	97.80 -3.02 0.00	100.88 -3.55 0.00	107.78 -3.45 0.00	127.21 -5.44 0.00	127.73 -4.63 0.00	106.13 -3.06 0.00	99.95 -2.77 0.00	109.00 -1.66 0.00	98.70 -1.81 0.00	99.10 -1.20 0.00
FREEPORT_EQUS_GT1 23764	162.89 10.05 -52.33	159.89 9.49 -53.63	156.22 9.57 -49.10	155.90 11.14 -32.25	158.24 11.12 -35.96	161.68 12.74 -19.00	190.54 15.23 -7.97	222.59 16.00 -32.52	197.77 16.37 -9.19	173.54 13.51 -30.13	160.43 11.23 -40.16	155.72 10.20 -45.59	154.34 10.38 -43.24	154.32 9.94 -46.95	151.81 10.49 -40.50	159.78 10.96 -44.39	175.14 11.91 -52.00	219.11 14.85 -71.62	212.89 14.69 -65.83	204.30 11.69 -83.42	170.64 10.78 -57.13	162.70 11.51 -40.54	161.71 10.45 -50.75	155.51 9.93 -45.28
FREEPORT___CT2 23818	162.89 10.05 -52.33	159.89 9.49 -53.63	156.22 9.57 -49.10	155.90 11.14 -32.25	158.24 11.12 -35.96	161.68 12.74 -19.00	190.54 15.23 -7.97	222.59 16.00 -32.52	197.77 16.37 -9.19	173.54 13.51 -30.13	160.43 11.23 -40.16	155.72 10.20 -45.59	154.34 10.38 -43.24	154.32 9.94 -46.95	151.81 10.49 -40.50	159.78 10.96 -44.39	175.14 11.91 -52.00	219.11 14.85 -71.62	212.89 14.69 -65.83	204.30 11.69 -83.42	170.64 10.78 -57.13	162.70 11.51 -40.54	161.71 10.45 -50.75	155.51 9.93 -45.28
FRESHKLS_33_KV_LOAD 356253	151.42 8.54 -42.37	142.69 7.94 -37.99	126.69 7.80 -21.34	199.03 8.55 -77.97	200.65 8.56 -80.93	206.57 10.26 -66.37	236.46 11.21 -57.90	410.58 12.18 -224.32	443.02 12.74 -258.06	392.97 11.43 -251.64	365.51 9.05 -247.42	365.58 8.29 -257.35	365.58 8.36 -256.50	365.50 7.99 -260.09	365.57 8.57 -256.18	365.65 8.98 -252.23	386.65 9.68 -265.75	383.03 12.07 -238.31	365.46 11.91 -221.18	399.36 9.61 -280.57	414.82 8.94 -303.16	378.14 9.52 -257.97	320.84 8.44 -211.89	246.77 7.92 -138.54
FULTON COGEN____ 23766	102.47 -1.51 -3.47	98.24 -1.65 -3.11	97.44 -1.85 -1.75	111.04 -2.36 -0.90	110.37 -2.22 -1.43	128.64 -2.21 -0.92	164.17 -3.18 0.00	170.94 -3.13 0.00	169.12 -3.10 0.00	129.75 -2.08 -1.93	107.29 -1.74 0.00	99.95 -1.50 -1.51	100.23 -1.61 -1.13	97.08 -1.56 -1.22	100.24 -1.51 -0.93	104.60 -1.46 -1.63	111.26 -1.45 -1.47	133.17 -1.06 -1.59	131.71 -1.19 -0.53	110.22 -1.53 -2.56	104.58 -1.34 -3.19	108.89 -1.77 0.00	98.90 -1.61 0.00	101.02 -1.50 -2.23
FULTON___LFGE 323630	168.01 9.45 -58.05	157.73 8.90 -52.06	135.47 8.68 -29.24	137.50 10.01 -14.99	145.29 10.22 -23.90	157.99 12.74 -15.31	184.42 17.08 0.00	240.93 17.93 -48.93	189.10 16.89 0.00	173.76 11.56 -32.31	164.06 8.94 -46.08	132.61 7.39 -25.28	126.89 7.26 -18.92	124.60 6.82 -20.35	123.88 7.57 -15.49	140.74 9.08 -27.23	191.90 10.91 -69.76	239.87 13.79 -93.43	262.24 14.17 -115.71	230.29 11.36 -109.74	193.36 10.58 -80.05	186.33 11.06 -64.60	177.10 9.75 -66.84	146.87 9.33 -37.23
G.F.CEMENT___DRP 24184	163.29 9.15 -53.63	153.58 8.71 -48.09	133.25 8.68 -27.02	136.14 9.79 -13.85	143.25 10.00 -22.08	156.17 12.08 -14.15	183.08 15.73 0.00	240.13 16.88 -49.18	189.95 17.74 0.00	173.12 13.38 -29.85	166.59 10.79 -46.76	132.88 9.59 -23.36	127.66 9.47 -17.48	125.29 9.06 -18.80	124.31 9.17 -14.31	139.71 10.13 -25.15	190.79 11.01 -68.55	238.57 13.53 -92.39	262.60 13.63 -116.61	227.46 10.81 -107.46	189.27 10.17 -76.38	186.95 10.73 -65.56	177.99 9.65 -67.83	144.13 9.43 -34.40
GARDENVILLE___LBMP 24039	103.58 -4.12 -7.19	98.67 -4.55 -6.45	95.61 -5.56 -3.62	107.05 -7.31 -1.86	107.57 -6.56 -2.96	124.16 -7.67 -1.90	155.97 -11.38 0.00	161.01 -13.06 0.00	159.30 -12.92 0.00	124.03 -9.87 -4.00	104.10 -6.87 -1.93	96.97 -6.10 -3.13	96.81 -6.24 -2.34	93.52 -6.43 -2.52	96.69 -6.05 -1.92	101.64 -6.16 -3.37	109.27 -6.90 -4.94	131.84 -6.90 -6.09	129.86 -8.07 -5.57	108.56 -8.74 -8.11	102.95 -7.50 -7.73	105.28 -8.08 -2.70	96.77 -6.53 -2.80	99.20 -5.72 -4.61
GARDNVLA_35_KV_LD 355827	103.94 -3.82 -7.25	98.92 -4.35 -6.50	95.84 -5.37 -3.65	107.29 -7.09 -1.87	107.81 -6.34 -2.98	124.44 -7.41 -1.91	156.47 -10.88 0.00	161.71 -12.36 0.00	159.99 -12.23 0.00	124.58 -9.35 -4.03	104.66 -6.32 -1.94	97.39 -5.70 -3.16	97.24 -5.84 -2.36	93.93 -6.04 -2.54	97.11 -5.65 -1.93	102.09 -5.74 -3.40	109.65 -6.56 -4.98	132.29 -6.50 -6.14	130.31 -7.68 -5.62	108.85 -8.52 -8.18	103.32 -7.19 -7.79	105.64 -7.75 -2.73	97.20 -6.13 -2.82	99.54 -5.42 -4.65
GELCKHM___115KV_LOAD 80723	103.48 -1.01 -3.98	99.18 -1.16 -3.56	98.19 -1.37 -2.00	111.73 -1.80 -1.03	111.14 -1.67 -1.64	129.42 -1.56 -1.05	165.00 -2.34 0.00	171.63 -2.44 0.00	169.80 -2.41 0.00	130.55 -1.56 -2.21	107.73 -1.31 0.00	100.57 -1.10 -1.73	100.90 -1.11 -1.30	97.65 -1.17 -1.39	100.77 -1.11 -1.06	105.25 -1.04 -1.86	111.91 -1.00 -1.69	133.94 -0.53 -1.82	132.31 -0.66 -0.61	111.03 -1.09 -2.94	105.35 -1.03 -3.65	109.33 -1.33 0.00	99.20 -1.31 0.00	101.75 -1.10 -2.55
GENERAL___MILLS 23808	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.63 -5.56 -3.64	107.17 -7.20 -1.87	107.70 -6.45 -2.98	124.31 -7.54 -1.91	156.13 -11.21 0.00	161.54 -12.53 0.00	159.64 -12.57 0.00	124.31 -9.61 -4.02	104.44 -6.54 -1.94	97.19 -5.90 -3.15	97.03 -6.04 -2.36	93.73 -6.24 -2.54	96.90 -5.85 -1.93	101.87 -5.95 -3.39	109.41 -6.78 -4.97	132.14 -6.63 -6.13	130.16 -7.81 -5.61	108.72 -8.63 -8.16	103.10 -7.40 -7.77	105.52 -7.86 -2.72	96.99 -6.33 -2.81	99.32 -5.62 -4.64
GE_PLASTICS___DRP 24183	156.19 4.12 -51.56	146.98 3.97 -46.24	127.33 3.80 -25.97	130.09 4.28 -13.32	136.51 4.11 -21.23	148.34 4.81 -13.60	172.70 5.36 0.00	198.90 5.40 -19.43	177.90 5.68 0.00	163.53 4.94 -28.70	137.47 4.69 -23.74	126.79 4.40 -22.46	121.95 4.43 -16.81	119.79 4.29 -18.08	118.82 4.23 -13.76	133.00 4.39 -24.18	160.81 4.45 -45.13	196.01 5.31 -58.06	200.48 5.16 -62.95	185.89 4.15 -72.55	167.78 3.90 -61.16	148.26 4.32 -33.29	138.97 4.02 -34.44	137.39 4.01 -33.07
GILBOA___1 23756	145.59 4.12 -40.96	137.38 3.87 -36.73	121.98 3.80 -20.63	127.46 4.38 -10.58	132.36 4.33 -16.86	145.94 5.20 -10.81	172.86 5.51 0.00	182.36 5.40 -2.89	178.07 5.86 0.00	158.15 5.45 -22.80	122.95 4.58 -9.34	122.27 4.50 -17.84	119.00 4.93 -13.35	116.46 4.68 -14.36	116.39 4.64 -10.93	128.03 4.39 -19.21	142.53 4.78 -26.52	170.52 5.57 -32.30	165.73 5.43 -27.93	157.37 4.37 -43.81	150.10 4.31 -43.06	128.39 4.65 -13.09	118.27 4.22 -13.54	130.59 4.02 -26.27
GILBOA___2 23757	145.59 4.12 -40.96	137.38 3.87 -36.73	121.98 3.80 -20.63	127.46 4.38 -10.58	132.36 4.33 -16.86	145.94 5.20 -10.81	172.86 5.51 0.00	182.36 5.40 -2.89	178.07 5.86 0.00	158.15 5.45 -22.80	122.95 4.58 -9.34	122.27 4.50 -17.84	119.00 4.93 -13.35	116.46 4.68 -14.36	116.39 4.64 -10.93	128.03 4.39 -19.21	142.53 4.78 -26.52	170.52 5.57 -32.30	165.73 5.43 -27.93	157.37 4.37 -43.81	150.10 4.31 -43.06	128.39 4.65 -13.09	118.27 4.22 -13.54	130.59 4.02 -26.27

GILBOA___3 23758	145.59 4.12 -40.96	137.38 3.87 -36.73	121.98 3.80 -20.63	127.46 4.38 -10.58	132.36 4.33 -16.86	145.94 5.20 -10.81	172.86 5.51 0.00	182.36 5.40 -2.89	178.07 5.86 0.00	158.15 5.45 -22.80	122.95 4.58 -9.34	122.27 4.50 -17.84	119.00 4.93 -13.35	116.46 4.68 -14.36	116.39 4.64 -10.93	128.03 4.39 -19.21	142.53 4.78 -26.52	170.52 5.57 -32.30	165.73 5.43 -27.93	157.37 4.37 -43.81	150.10 4.31 -43.06	128.39 4.65 -13.09	118.27 4.22 -13.54	130.59 4.02 -26.27
GILBOA___4 23759	145.59 4.12 -40.96	137.38 3.87 -36.73	121.98 3.80 -20.63	127.46 4.38 -10.58	132.36 4.33 -16.86	145.94 5.20 -10.81	172.86 5.51 0.00	182.36 5.40 -2.89	178.07 5.86 0.00	158.15 5.45 -22.80	122.95 4.58 -9.34	122.27 4.50 -17.84	119.00 4.93 -13.35	116.46 4.68 -14.36	116.39 4.64 -10.93	128.03 4.39 -19.21	142.53 4.78 -26.52	170.52 5.57 -32.30	165.73 5.43 -27.93	157.37 4.37 -43.81	150.10 4.31 -43.06	128.39 4.65 -13.09	118.27 4.22 -13.54	130.59 4.02 -26.27
GILBOA___ 23599	145.59 4.12 -40.96	137.38 3.87 -36.73	121.99 3.80 -20.63	127.47 4.39 -10.58	132.37 4.34 -16.86	145.94 5.20 -10.81	172.87 5.52 0.00	182.35 5.40 -2.89	178.07 5.86 0.00	158.15 5.46 -22.80	122.95 4.58 -9.34	122.27 4.50 -17.84	119.00 4.94 -13.35	116.46 4.68 -14.36	116.39 4.64 -10.93	128.13 4.49 -19.21	142.54 4.78 -26.52	170.52 5.57 -32.30	165.99 5.69 -27.93	157.37 4.37 -43.81	150.10 4.31 -43.06	128.39 4.65 -13.09	118.27 4.22 -13.54	130.59 4.01 -26.27
GINNA___ 23603	100.04 -5.63 -5.16	95.49 -5.91 -4.63	93.81 -6.34 -2.60	106.07 -7.76 -1.33	106.07 -7.22 -2.12	123.11 -8.18 -1.36	155.14 -12.21 0.00	161.19 -12.88 0.00	159.47 -12.74 0.00	123.81 -8.96 -2.87	101.40 -7.64 0.00	96.08 -6.10 -2.25	96.25 -6.15 -1.68	93.10 -6.13 -1.81	96.04 -6.15 -1.38	100.59 -6.26 -2.42	106.52 -6.90 -2.19	127.97 -7.03 -2.36	125.48 -7.68 -0.79	105.47 -7.53 -3.81	100.18 -7.29 -4.74	102.24 -8.41 0.00	93.18 -7.33 0.00	96.99 -6.62 -3.31
GLEN PARK___ 23778	105.28 2.51 -2.26	101.02 2.23 -2.02	100.83 2.14 -1.14	116.12 3.04 -0.58	115.20 3.11 -0.93	135.07 4.55 -0.60	174.54 7.19 0.00	182.94 8.87 0.00	179.97 7.76 0.00	135.44 4.28 -1.26	112.85 3.81 0.00	103.71 2.79 -0.98	104.17 2.72 -0.74	100.85 2.63 -0.79	104.35 2.93 -0.60	109.24 3.75 -1.06	116.52 4.33 -0.96	140.44 6.76 -1.03	139.33 6.62 -0.35	116.21 5.35 -1.67	109.53 4.73 -2.07	115.20 4.54 0.00	104.23 3.72 0.00	105.16 3.41 -1.45
GLENDALE_27_KV_LOAD 356172	152.12 9.25 -42.37	143.37 8.61 -37.99	127.47 8.58 -21.34	142.07 9.68 -19.90	142.29 9.67 -21.46	152.69 11.56 -11.19	180.23 12.89 0.00	192.43 13.75 -4.61	186.68 14.47 0.00	179.46 12.73 -36.83	159.58 10.14 -40.40	159.55 9.29 -50.32	156.79 9.37 -46.71	154.59 9.06 -48.10	154.91 9.58 -44.51	157.08 9.92 -42.72	172.94 10.68 -51.03	193.07 13.13 -47.29	177.08 12.97 -31.74	166.67 10.37 -47.10	157.64 9.66 -45.26	148.66 10.40 -27.60	146.45 9.25 -36.70	147.56 8.83 -38.43
GLENWOOD_IC_1_G5 23712	159.54 9.95 -49.08	156.20 9.39 -50.04	152.87 9.36 -45.96	152.47 10.91 -29.05	155.08 10.89 -33.02	158.86 12.47 -16.45	188.73 14.89 -6.48	222.25 15.67 -32.52	196.96 16.19 -8.56	171.39 13.38 -28.11	157.37 11.12 -37.22	152.25 10.19 -42.12	150.60 10.27 -39.61	150.68 9.94 -43.32	148.72 10.49 -37.42	156.67 10.86 -41.37	171.66 11.79 -48.64	210.34 14.06 -63.63	205.45 13.77 -59.32	195.24 11.46 -74.58	166.66 10.68 -53.26	158.59 11.40 -36.54	157.40 10.25 -46.64	151.79 9.73 -41.76
GLENWOOD_IC_2_G1 23688	155.52 9.55 -45.46	151.91 9.09 -46.05	149.07 9.07 -42.45	148.56 10.57 -25.48	151.48 10.57 -29.75	155.63 12.09 -13.61	186.39 14.22 -4.83	221.56 14.97 -32.52	195.58 15.51 -7.86	168.74 12.99 -25.85	153.77 10.80 -33.94	147.99 9.80 -38.25	146.25 9.97 -35.56	146.25 9.55 -39.27	144.88 10.08 -33.98	152.89 10.44 -38.02	167.48 11.35 -44.90	201.48 13.92 -54.91	198.33 13.77 -52.20	185.14 11.02 -64.93	161.94 10.27 -48.94	153.69 10.96 -32.08	152.42 9.86 -42.05	147.47 9.33 -37.84
GLENWOOD_IC_3_G1 23689	155.52 9.55 -45.46	151.91 9.09 -46.05	149.07 9.07 -42.45	148.56 10.57 -25.48	151.48 10.57 -29.75	155.63 12.09 -13.61	186.39 14.22 -4.83	221.56 14.97 -32.52	195.58 15.51 -7.86	168.74 12.99 -25.85	153.77 10.80 -33.94	147.99 9.80 -38.25	146.25 9.97 -35.56	146.25 9.55 -39.27	144.88 10.08 -33.98	152.89 10.44 -38.02	167.48 11.35 -44.90	201.48 13.92 -54.91	198.33 13.77 -52.20	185.14 11.02 -64.93	161.94 10.27 -48.94	153.69 10.96 -32.08	152.42 9.86 -42.05	147.47 9.33 -37.84
GLENWOOD___4 23550	159.54 9.95 -49.08	156.20 9.39 -50.04	152.87 9.36 -45.96	152.47 10.91 -29.05	155.08 10.89 -33.02	158.86 12.47 -16.45	188.73 14.89 -6.48	222.25 15.67 -32.52	196.96 16.19 -8.56	171.39 13.38 -28.11	157.37 11.12 -37.22	152.25 10.19 -42.12	150.60 10.27 -39.61	150.68 9.94 -43.32	148.72 10.49 -37.42	156.67 10.86 -41.37	171.66 11.79 -48.64	210.60 14.33 -63.63	205.71 14.03 -59.32	195.24 11.46 -74.58	166.66 10.68 -53.26	158.59 11.40 -36.54	157.40 10.25 -46.64	151.79 9.73 -41.76
GLENWOOD___5 23614	159.54 9.95 -49.08	156.20 9.39 -50.04	152.87 9.36 -45.96	152.47 10.91 -29.05	155.08 10.89 -33.02	158.86 12.47 -16.45	188.73 14.89 -6.48	222.25 15.67 -32.52	196.96 16.19 -8.56	171.39 13.38 -28.11	157.37 11.12 -37.22	152.25 10.19 -42.12	150.60 10.27 -39.61	150.68 9.94 -43.32	148.72 10.49 -37.42	156.67 10.86 -41.37	171.66 11.79 -48.64	210.60 14.33 -63.63	205.71 14.03 -59.32	195.24 11.46 -74.58	166.66 10.68 -53.26	158.59 11.40 -36.54	157.40 10.25 -46.64	151.79 9.73 -41.76
GLOBAL GREEN_PORT_GT1 23814	158.29 13.87 -43.91	154.26 13.16 -44.33	151.66 13.16 -40.94	151.64 15.18 -23.95	154.85 15.35 -28.34	159.75 17.42 -12.40	193.90 22.43 -4.12	229.74 23.15 -32.52	203.37 23.60 -7.56	172.58 17.80 -24.89	156.39 14.83 -32.53	148.82 12.29 -36.59	146.82 12.28 -33.82	146.75 11.78 -37.54	145.52 12.19 -32.50	154.69 13.68 -36.58	170.64 16.12 -43.29	203.09 19.51 -50.94	200.66 19.33 -48.97	185.23 15.50 -60.54	164.30 14.49 -47.09	155.31 14.49 -30.17	153.36 12.77 -40.09	148.49 12.03 -36.16
GLOBE___DSASP 323697	101.75 -5.43 -6.67	97.05 -5.71 -5.98	94.08 -6.83 -3.36	105.45 -8.78 -1.72	105.46 -8.45 -2.75	121.43 -10.26 -1.76	150.11 -17.24 0.00	154.75 -19.32 0.00	153.27 -18.94 0.00	119.97 -13.64 -3.71	100.02 -10.79 -1.77	94.05 -8.79 -2.91	93.82 -9.06 -2.17	90.61 -9.16 -2.34	93.83 -8.77 -1.78	98.58 -8.98 -3.13	105.56 -10.23 -4.57	127.53 -10.74 -5.63	125.46 -12.05 -5.14	104.57 -12.12 -7.50	99.41 -10.48 -7.16	101.08 -12.06 -2.49	93.13 -9.95 -2.57	96.26 -8.33 -4.28
GOETHSLN___LBMP 323567	150.51 7.64 -42.36	141.92 7.16 -37.98	126.01 7.12 -21.34	45.32 8.55 75.73	47.16 8.56 72.57	56.23 10.00 83.71	70.65 10.54 107.24	-89.76 10.97 274.80	-134.98 11.54 318.74	-102.31 11.04 243.25	-113.84 8.40 231.27	-121.49 7.69 229.12	-126.04 7.76 234.51	-128.55 7.40 233.38	-128.10 7.96 236.88	-111.18 8.15 223.76	-105.44 8.79 225.46	-72.74 11.01 216.39	-63.20 10.72 206.29	-114.79 8.52 232.50	-152.09 7.91 262.73	-131.72 8.52 250.90	-72.07 7.64 180.22	13.30 7.12 94.13
GOLAH___69_KV_TB 1_2 80279	104.31 -1.61 -5.41	99.60 -2.03 -4.86	97.55 -2.73 -2.73	110.08 -3.83 -1.40	110.17 -3.22 -2.23	127.85 -3.51 -1.43	160.49 -6.86 0.00	165.89 -8.18 0.00	164.12 -8.09 0.00	127.46 -5.46 -3.01	105.64 -4.80 -1.40	98.89 -3.40 -2.36	99.05 -3.42 -1.76	95.82 -3.51 -1.90	98.94 -3.33 -1.44	103.52 -3.45 -2.54	110.90 -4.00 -3.67	133.84 -3.32 -4.51	132.21 -4.24 -4.08	110.20 -5.02 -6.03	104.10 -4.42 -5.79	106.76 -5.86 -1.97	97.92 -4.62 -2.03	100.26 -3.51 -3.47

GOODYEAR_LAKE_HYD 323669	119.24 5.03 -13.71	113.81 4.74 -12.29	109.04 4.58 -6.91	121.22 5.18 -3.54	122.15 5.34 -5.64	140.44 6.89 -3.62	176.22 8.87 0.00	198.34 9.23 -15.05	181.34 9.13 0.00	144.28 6.75 -7.63	131.44 5.67 -16.73	110.90 5.00 -5.97	110.22 5.04 -4.47	107.10 4.87 -4.81	109.62 5.14 -3.66	116.40 5.53 -6.43	139.89 6.45 -22.21	171.82 8.62 -30.56	181.86 8.60 -40.89	150.15 6.55 -34.41	131.08 6.06 -22.29	140.32 6.20 -23.46	130.21 5.43 -24.28	114.31 5.22 -8.79
GOUDEY_115_KV_TB6_REV_LBMP_C 345031	115.25 0.70 -14.04	109.85 0.48 -12.59	104.82 0.20 -7.07	116.02 -0.11 -3.63	117.06 0.11 -5.78	134.03 0.39 -3.70	167.68 0.33 0.00	175.93 -0.17 -2.03	172.04 -0.17 0.00	137.58 -0.13 -7.81	113.46 0.33 -4.09	106.15 0.10 -6.12	105.39 0.10 -4.58	102.45 0.10 -4.92	104.77 0.20 -3.75	111.33 0.31 -6.58	121.97 0.78 -9.97	146.74 1.72 -12.37	145.46 1.46 -11.64	125.83 0.33 -16.31	118.41 0.41 -15.28	116.95 0.55 -5.74	106.95 0.50 -5.94	109.91 0.60 -9.01
GOUDEY___7 23579	115.25 0.70 -14.04	109.85 0.48 -12.59	104.82 0.20 -7.07	116.02 -0.11 -3.63	117.06 0.11 -5.78	134.03 0.39 -3.70	167.68 0.33 0.00	175.93 -0.17 -2.03	172.04 -0.17 0.00	137.58 -0.13 -7.81	113.46 0.33 -4.09	106.15 0.10 -6.12	105.39 0.10 -4.58	102.45 0.10 -4.92	104.77 0.20 -3.75	111.33 0.31 -6.58	121.97 0.78 -9.97	146.74 1.72 -12.37	145.46 1.46 -11.64	125.83 0.33 -16.31	118.41 0.41 -15.28	116.95 0.55 -5.74	106.95 0.50 -5.94	109.91 0.60 -9.01
GOUDEY___8 23580	115.25 0.70 -14.04	109.85 0.48 -12.59	104.82 0.20 -7.07	116.02 -0.11 -3.63	117.06 0.11 -5.78	134.03 0.39 -3.70	167.68 0.33 0.00	175.93 -0.17 -2.03	172.04 -0.17 0.00	137.58 -0.13 -7.81	113.46 0.33 -4.09	106.15 0.10 -6.12	105.39 0.10 -4.58	102.45 0.10 -4.92	104.77 0.20 -3.75	111.33 0.31 -6.58	121.97 0.78 -9.97	146.74 1.72 -12.37	145.46 1.46 -11.64	125.83 0.33 -16.31	118.41 0.41 -15.28	116.95 0.55 -5.74	106.95 0.50 -5.94	109.91 0.60 -9.01
GOWANUS_GT1_1 24077	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_2 24078	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_3 24079	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_4 24080	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_5 24084	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_6 24111	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_7 24112	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT1_8 24113	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_1 24114	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_2 24115	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_3 24116	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54

GOWANUS_GT2_4 24117	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_5 24118	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_6 24119	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_7 24120	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT2_8 24121	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_1 24122	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_2 24123	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_3 24124	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_4 24125	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_5 24126	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_6 24127	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_7 24128	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT3_8 24129	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_1 24130	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_2 24131	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.64

GOWANUS_GT4_3 24132	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_4 24133	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_5 24134	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_6 24135	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_7 24136	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GOWANUS_GT4_8 24137	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GREENBSH_115KV_TB3 55895	156.55 4.22 -51.82	147.31 4.06 -46.47	127.36 3.71 -26.10	130.05 4.16 -13.38	136.39 3.89 -21.33	148.02 4.42 -13.67	172.37 5.02 0.00	204.55 5.05 -25.43	177.38 5.17 0.00	163.54 4.81 -28.84	142.30 4.91 -28.36	127.20 4.70 -22.57	122.14 4.53 -16.89	119.98 4.38 -18.17	118.89 4.23 -13.83	133.22 4.49 -24.30	165.33 4.34 -49.76	202.69 5.17 -64.87	210.95 4.90 -73.68	192.55 3.93 -79.43	170.49 3.70 -64.06	154.51 4.09 -39.76	145.67 4.02 -41.14	137.55 4.01 -33.24
GREENIDGE_115KV_TB5 80291	108.71 -0.40 -8.60	103.71 -0.77 -7.71	100.32 -1.56 -4.33	111.69 -3.04 -2.22	111.93 -2.78 -3.54	129.86 -2.34 -2.27	164.00 -3.35 0.00	171.39 -3.83 -1.15	167.74 -4.48 0.00	131.05 -3.64 -4.79	109.44 -1.96 -2.36	101.78 -1.90 -3.75	101.50 -2.01 -2.80	98.40 -2.05 -3.02	101.30 -1.81 -2.30	107.00 -1.46 -4.03	116.75 -0.44 -5.96	139.48 -0.53 -7.36	138.23 -0.93 -6.80	117.33 -1.64 -9.78	110.25 -1.75 -9.27	111.87 -2.10 -3.31	103.03 -0.90 -3.43	105.32 -0.50 -5.52
GREENIDGE___3 23582	108.71 -0.40 -8.60	103.71 -0.77 -7.71	100.32 -1.56 -4.33	111.69 -3.04 -2.22	111.93 -2.78 -3.54	129.86 -2.34 -2.27	164.00 -3.35 0.00	171.39 -3.83 -1.15	167.74 -4.48 0.00	131.05 -3.64 -4.79	109.44 -1.96 -2.36	101.78 -1.90 -3.75	101.50 -2.01 -2.80	98.40 -2.05 -3.02	101.30 -1.81 -2.30	107.00 -1.46 -4.03	116.75 -0.44 -5.96	139.48 -0.53 -7.36	138.23 -0.93 -6.80	117.33 -1.64 -9.78	110.25 -1.75 -9.27	111.87 -2.10 -3.31	103.03 -0.90 -3.43	105.32 -0.50 -5.52
GREENIDGE___4 23583	108.71 -0.40 -8.60	103.71 -0.78 -7.71	100.22 -1.66 -4.33	111.69 -3.03 -2.22	111.93 -2.77 -3.54	129.87 -2.34 -2.27	164.00 -3.35 0.00	171.39 -3.83 -1.15	167.74 -4.48 0.00	131.07 -3.64 -4.81	109.44 -1.96 -2.36	101.79 -1.90 -3.76	101.52 -2.01 -2.81	98.40 -2.05 -3.03	101.32 -1.81 -2.30	107.02 -1.46 -4.05	116.76 -0.44 -5.98	139.50 -0.53 -7.38	138.38 -0.79 -6.80	117.25 -1.75 -9.81	110.04 -1.95 -9.27	111.86 -2.11 -3.31	103.03 -0.91 -3.43	105.32 -0.50 -5.52
GREENLWN_69_KV_BK 3 55738	153.73 9.05 -44.18	149.92 8.52 -44.63	147.44 8.68 -41.21	146.85 10.13 -24.22	149.76 10.00 -28.59	153.72 11.17 -12.61	184.48 12.89 -4.24	220.16 13.58 -32.52	193.95 14.12 -7.61	166.77 11.82 -25.05	151.84 10.03 -32.77	146.21 9.39 -36.88	144.41 9.57 -34.13	144.52 9.26 -37.84	143.46 9.88 -32.76	151.08 9.82 -36.83	165.25 10.46 -43.57	197.36 13.13 -51.58	194.70 12.84 -49.49	180.70 10.26 -61.25	159.59 9.45 -47.41	151.45 10.29 -30.50	150.29 9.35 -40.43	145.78 9.03 -36.45
GREENWD_138_KV_38B11_REV_LBMP_J 345004	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54
GRISSOM___SOLAR 323813	166.97 8.94 -57.52	156.87 8.52 -51.58	134.91 8.39 -28.97	136.91 9.56 -14.85	144.63 9.78 -23.68	157.19 12.09 -15.17	183.41 16.07 0.00	240.66 16.88 -49.71	188.23 16.02 0.00	173.08 11.17 -32.01	164.40 8.61 -46.75	132.28 7.29 -25.05	126.61 7.15 -18.75	124.31 6.72 -20.17	123.63 7.46 -15.35	140.18 8.77 -26.97	191.77 10.35 -70.20	239.95 13.13 -94.17	262.92 13.36 -117.19	230.22 10.71 -110.33	192.64 9.96 -79.95	186.73 10.52 -65.55	177.57 9.24 -67.82	146.12 8.92 -36.89
GROVEVILLE___HYD 323602	151.04 8.04 -42.49	142.43 7.55 -38.10	126.66 7.71 -21.40	132.36 8.89 -10.97	137.55 8.89 -17.49	151.54 10.39 -11.21	179.56 12.22 0.00	191.72 12.88 -4.77	185.48 13.26 0.00	164.85 11.30 -23.65	129.00 8.94 -11.02	126.63 8.19 -18.51	122.82 8.26 -13.85	120.22 7.89 -14.90	120.63 8.47 -11.34	133.13 8.77 -19.93	149.73 9.68 -28.83	180.30 12.20 -35.45	176.49 12.05 -32.08	166.19 9.61 -47.39	157.21 9.04 -45.45	135.63 9.52 -15.46	125.04 8.54 -15.99	135.58 8.02 -27.25
GRS_LOCK_115KV_LINE_2_SOLVAY 80269	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85

HAMLTNNY_34_KV_TB 80303	105.15 -0.10 -4.74	100.64 -0.39 -4.25	99.35 -0.59 -2.39	112.83 -0.90 -1.22	112.34 -0.78 -1.95	130.66 -0.52 -1.25	166.34 -1.00 0.00	173.20 -0.87 0.00	171.18 -1.03 0.00	132.02 -0.52 -2.64	108.60 -0.44 0.00	101.70 -0.30 -2.06	101.96 -0.30 -1.54	98.70 -0.39 -1.66	101.79 -0.30 -1.27	106.55 -0.10 -2.22	113.24 0.00 -2.01	135.61 0.80 -2.17	133.62 0.53 -0.73	112.58 -0.11 -3.50	106.98 -0.10 -4.36	110.21 -0.44 0.00	100.11 -0.40 0.00	103.04 -0.30 -3.04
HAMPSHIRE___PAPER_HYD 323593	99.51 -2.12 -1.12	95.84 -1.93 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.73 -0.89 -0.46	128.93 -1.30 -0.30	166.00 -1.34 0.00	173.55 -0.52 0.00	171.02 -1.20 0.00	128.19 -2.33 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.53	108.93 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.30 -0.17	107.94 -2.08 -0.83	102.01 -1.75 -1.03	109.66 -1.00 0.00	99.41 -1.10 0.00	100.12 -0.90 -0.72
HARDSCRABBLE_WT_PWR 323673	103.32 2.81 0.00	99.48 2.71 0.00	100.08 2.53 0.00	115.42 2.92 0.00	114.05 2.89 0.00	133.44 3.51 0.00	171.87 4.52 0.00	178.77 4.70 0.00	176.87 4.65 0.00	133.53 3.63 0.00	112.09 3.05 0.00	102.73 2.79 0.00	103.33 2.61 0.00	99.86 2.44 0.00	103.24 2.42 0.00	107.14 2.71 0.00	114.12 2.89 0.00	136.50 3.85 0.00	136.07 3.70 0.00	112.24 3.05 0.00	105.80 3.08 0.00	114.09 3.43 0.00	103.93 3.42 0.00	103.72 3.41 0.00
HARRIMAN_69_KV_BK771_REV_LBMP_G 345025	147.01 6.73 -39.76	138.82 6.39 -35.66	124.02 6.44 -20.03	130.20 7.43 -10.27	134.99 7.45 -16.37	149.26 8.84 -10.49	177.22 9.87 0.00	188.83 10.44 -4.31	183.24 11.02 0.00	161.77 9.74 -22.13	126.88 7.63 -10.21	124.25 7.00 -17.32	120.72 7.05 -12.96	118.09 6.72 -13.94	118.69 7.26 -10.61	130.60 7.52 -18.65	146.33 8.23 -26.87	176.15 10.48 -33.02	172.46 10.32 -29.77	161.57 8.19 -44.19	152.79 7.60 -42.47	133.05 8.08 -14.31	122.45 7.14 -14.81	132.53 6.72 -25.50
HARSNRAD_115KV_TB1 81005	101.14 -5.93 -6.56	96.36 -6.29 -5.88	93.54 -7.32 -3.30	104.86 -9.34 -1.69	105.19 -8.67 -2.70	121.53 -10.13 -1.73	151.28 -16.07 0.00	156.14 -17.93 0.00	154.48 -17.74 0.00	120.69 -12.86 -3.65	100.75 -10.03 -1.74	94.49 -8.29 -2.86	94.39 -8.46 -2.14	91.15 -8.57 -2.30	94.30 -8.27 -1.75	99.05 -8.46 -3.08	106.26 -9.45 -4.49	128.36 -9.82 -5.53	126.29 -11.12 -5.04	105.20 -11.36 -7.37	99.90 -9.86 -7.04	101.81 -11.29 -2.44	93.79 -9.25 -2.52	96.58 -7.92 -4.21
HARZA MOOSE___RIVER 24016	103.83 1.91 -1.41	99.88 1.84 -1.27	100.12 1.85 -0.71	115.68 2.81 -0.36	114.64 2.89 -0.58	134.20 3.90 -0.37	172.87 5.52 0.00	180.51 6.44 0.00	178.07 5.86 0.00	134.45 3.77 -0.79	112.20 3.16 0.00	103.25 2.70 -0.62	103.79 2.62 -0.46	100.36 2.44 -0.50	103.82 2.62 -0.38	108.12 3.03 -0.66	114.94 3.11 -0.60	137.80 4.51 -0.65	136.95 4.37 -0.22	114.05 3.82 -1.04	107.41 3.39 -1.30	114.20 3.54 0.00	103.52 3.02 0.00	104.02 2.81 -0.91
HDSNBRDG_115KV_BRDG_TB1 355580	103.52 -1.01 -4.02	99.21 -1.16 -3.60	98.21 -1.37 -2.02	111.74 -1.80 -1.04	111.15 -1.67 -1.65	129.43 -1.56 -1.06	165.00 -2.34 0.00	171.63 -2.44 0.00	169.80 -2.41 0.00	130.58 -1.56 -2.23	107.73 -1.31 0.00	100.58 -1.10 -1.75	100.92 -1.11 -1.31	97.76 -1.07 -1.41	100.78 -1.11 -1.07	105.27 -1.04 -1.88	111.93 -1.00 -1.70	133.95 -0.53 -1.84	132.32 -0.66 -0.62	111.06 -1.09 -2.97	105.39 -1.03 -3.69	109.33 -1.33 0.00	99.20 -1.31 0.00	101.67 -1.20 -2.58
HELLGATE_13_KV_LD 55870	151.82 8.95 -42.37	143.08 8.32 -37.99	127.18 8.29 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	159.04 9.60 -40.40	158.95 8.69 -50.32	156.29 8.86 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.13 9.14 -45.26	148.11 9.85 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
HELLGT_W_13_KV_BRUCKNER_REV_LBMP_J 345018	151.82 8.95 -42.37	143.08 8.32 -37.99	127.18 8.29 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	152.04 10.91 -11.19	179.23 11.88 0.00	191.39 12.71 -4.61	185.65 13.43 0.00	178.81 12.08 -36.83	159.04 9.60 -40.40	158.95 8.69 -50.32	156.29 8.86 -46.71	154.00 8.48 -48.10	154.40 9.07 -44.51	156.45 9.29 -42.72	172.27 10.01 -51.03	192.28 12.34 -47.29	176.28 12.18 -31.74	166.01 9.72 -47.10	157.13 9.14 -45.26	148.11 9.85 -27.60	145.95 8.74 -36.70	147.06 8.33 -38.43
HEMPSTEAD____ 23647	160.32 9.65 -50.16	157.10 9.09 -51.23	153.63 9.07 -47.00	153.19 10.57 -30.12	155.73 10.57 -34.00	159.32 12.09 -17.30	188.72 14.39 -6.98	221.72 15.14 -32.52	196.65 15.67 -8.77	171.67 12.99 -28.78	158.03 10.80 -38.19	153.10 9.90 -43.28	151.51 9.97 -40.82	151.51 9.55 -44.53	149.34 10.08 -38.44	157.35 10.54 -42.38	172.34 11.35 -49.76	212.34 14.05 -65.64	207.21 13.89 -60.95	197.14 11.14 -76.81	167.54 10.27 -54.55	159.48 10.96 -37.87	158.47 9.95 -48.00	152.66 9.43 -42.93
HEWLETT_69_KV_BK3 55828	178.24 10.15 -67.58	176.81 9.58 -70.46	170.99 9.56 -63.88	170.93 11.14 -47.29	172.04 11.12 -49.76	173.64 12.73 -30.97	197.52 15.23 -14.94	222.60 16.01 -32.52	200.70 16.36 -12.13	183.18 13.64 -39.64	174.35 11.34 -53.97	172.11 10.29 -61.88	171.40 10.37 -60.31	171.46 10.03 -64.00	166.49 10.69 -54.98	173.92 10.97 -58.52	191.02 12.01 -67.78	262.43 14.86 -114.92	248.07 14.56 -101.15	252.23 11.68 -131.36	188.93 10.89 -75.32	181.60 11.62 -59.32	180.92 10.35 -70.06	172.03 9.93 -61.80
HICKLING___1 23621	111.18 -0.30 -10.97	105.93 -0.68 -9.84	101.91 -1.17 -5.53	113.31 -2.03 -2.83	114.02 -1.67 -4.52	131.53 -1.30 -2.89	165.67 -1.67 0.00	172.94 -2.61 -1.48	169.12 -3.10 0.00	133.02 -2.99 -6.11	110.57 -1.53 -3.06	102.91 -1.80 -4.78	102.48 -1.81 -3.58	99.32 -1.95 -3.85	102.14 -1.61 -2.93	108.22 -1.36 -5.14	118.10 -0.78 -7.65	142.24 0.13 -9.46	140.74 -0.40 -8.77	120.09 -1.64 -12.54	113.24 -1.34 -11.86	113.73 -1.22 -4.29	104.14 -0.80 -4.44	106.84 -0.50 -7.04
HICKLING___2 23622	111.18 -0.30 -10.97	105.93 -0.68 -9.84	101.91 -1.17 -5.53	113.31 -2.03 -2.83	114.02 -1.67 -4.52	131.53 -1.30 -2.89	165.67 -1.67 0.00	172.94 -2.61 -1.48	169.12 -3.10 0.00	133.02 -2.99 -6.11	110.57 -1.53 -3.06	102.91 -1.80 -4.78	102.48 -1.81 -3.58	99.32 -1.95 -3.85	102.14 -1.61 -2.93	108.22 -1.36 -5.14	118.10 -0.78 -7.65	142.24 0.13 -9.46	140.74 -0.40 -8.77	120.09 -1.64 -12.54	113.24 -1.34 -11.86	113.73 -1.22 -4.29	104.14 -0.80 -4.44	106.84 -0.50 -7.04
HIGH FALLS___HY 23754	150.49 7.94 -42.04	142.02 7.55 -37.70	126.43 7.71 -21.18	132.25 8.89 -10.86	137.48 9.00 -17.31	151.68 10.65 -11.09	179.56 12.22 0.00	193.63 13.06 -6.51	185.65 13.43 0.00	164.73 11.43 -23.40	129.93 8.61 -12.28	126.04 7.79 -18.31	122.27 7.86 -13.70	119.77 7.60 -14.74	120.31 8.27 -11.22	132.61 8.46 -19.72	150.88 9.79 -29.86	182.31 12.60 -37.06	179.72 12.44 -34.91	168.11 10.05 -48.88	157.83 9.35 -45.76	137.72 9.85 -17.21	126.96 8.64 -17.81	135.29 8.02 -26.96
HIGH_RIVER___SOLAR 323847	162.33 6.23 -55.59	152.53 5.90 -49.85	131.40 5.85 -28.00	133.49 6.64 -14.36	140.83 6.78 -22.89	152.92 8.32 -14.66	177.90 10.55 0.00	237.56 10.97 -52.52	182.72 10.51 0.00	168.11 7.27 -30.94	163.78 5.56 -49.18	128.84 4.70 -24.21	123.47 4.64 -18.12	121.31 4.39 -19.49	120.60 4.94 -14.84	136.56 6.05 -26.07	190.22 7.23 -71.76	238.60 9.15 -96.81	264.16 9.26 -122.53	228.94 7.32 -112.43	189.09 6.78 -79.59	186.81 7.19 -68.96	178.30 6.44 -71.35	142.18 6.22 -35.65

HILLBURN___GT 23639	147.46 6.63 -40.32	139.13 6.20 -36.16	124.11 6.25 -20.31	130.22 7.31 -10.41	135.10 7.34 -16.60	149.14 8.57 -10.64	176.88 9.53 0.00	188.53 10.09 -4.37	182.72 10.51 0.00	161.95 9.61 -22.44	126.90 7.52 -10.35	124.38 6.89 -17.56	120.80 6.94 -13.14	118.28 6.72 -14.14	118.74 7.16 -10.76	130.76 7.42 -18.91	146.49 8.01 -27.24	176.20 10.08 -33.48	172.48 9.93 -30.18	161.86 7.87 -44.81	153.08 7.29 -43.06	132.91 7.74 -14.51	122.45 6.93 -15.01	132.59 6.43 -25.86
HILLSIDE_115KV_TB1 80332	110.36 -1.51 -11.36	105.12 -1.84 -10.18	100.93 -2.34 -5.72	112.29 -3.15 -2.93	112.95 -2.89 -4.68	129.94 -2.99 -3.00	163.67 -3.68 0.00	170.55 -5.05 -1.53	167.05 -5.17 0.00	131.67 -4.55 -6.32	109.48 -2.73 -3.17	101.98 -2.90 -4.95	101.39 -3.02 -3.70	98.39 -3.02 -3.98	101.13 -2.72 -3.03	107.04 -2.72 -5.33	116.93 -2.22 -7.93	140.73 -1.72 -9.80	139.21 -2.25 -9.10	119.13 -3.06 -13.00	112.33 -2.67 -12.28	112.45 -2.66 -4.45	103.00 -2.11 -4.60	105.68 -1.91 -7.28
HISHELDN_WT_PWR 323625	104.35 -3.92 -7.77	99.38 -4.35 -6.96	96.19 -5.27 -3.91	107.64 -6.87 -2.01	108.25 -6.11 -3.20	125.09 -6.89 -2.05	157.13 -10.21 0.00	162.23 -11.84 0.00	160.33 -11.88 0.00	124.74 -9.48 -4.32	104.48 -6.65 -2.10	97.42 -5.90 -3.38	97.20 -6.04 -2.53	94.01 -6.13 -2.72	97.15 -5.74 -2.07	102.33 -5.74 -3.64	110.46 -6.12 -5.35	133.41 -5.83 -6.60	131.53 -6.89 -6.06	110.22 -7.75 -8.78	104.09 -6.99 -8.36	106.41 -7.19 -2.94	97.72 -5.83 -3.04	100.37 -4.91 -4.98
HOLTSVILLE_IC_1 23690	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
HOLTSVILLE_IC_10 23699	155.46 10.96 -44.00	151.56 10.36 -44.43	148.92 10.34 -41.03	148.59 12.04 -24.04	151.71 12.12 -28.42	156.04 13.64 -12.47	188.40 16.89 -4.16	223.99 17.41 -32.52	197.70 17.91 -7.58	169.13 14.29 -24.94	153.64 11.99 -32.61	147.12 10.49 -36.69	145.11 10.47 -33.92	145.20 10.13 -37.64	144.00 10.58 -32.59	152.48 11.38 -36.66	167.40 12.79 -43.38	199.45 15.64 -51.16	196.99 15.48 -49.15	182.30 12.33 -60.78	161.42 11.50 -47.20	152.89 11.95 -30.28	151.36 10.65 -40.20	146.59 10.03 -36.26
HOLTSVILLE_IC_2 23691	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
HOLTSVILLE_IC_3 23692	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
HOLTSVILLE_IC_4 23693	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
HOLTSVILLE_IC_5 23694	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
HOLTSVILLE_IC_6 23695	155.46 10.96 -44.00	151.56 10.36 -44.43	148.92 10.34 -41.03	148.59 12.04 -24.04	151.71 12.12 -28.42	156.04 13.64 -12.47	188.40 16.89 -4.16	223.99 17.41 -32.52	197.70 17.91 -7.58	169.13 14.29 -24.94	153.64 11.99 -32.61	147.12 10.49 -36.69	145.11 10.47 -33.92	145.20 10.13 -37.64	144.00 10.58 -32.59	152.48 11.38 -36.66	167.40 12.79 -43.38	199.45 15.64 -51.16	196.99 15.48 -49.15	182.30 12.33 -60.78	161.42 11.50 -47.20	152.89 11.95 -30.28	151.36 10.65 -40.20	146.59 10.03 -36.26
HOLTSVILLE_IC_7 23696	155.46 10.96 -44.00	151.56 10.36 -44.43	148.92 10.34 -41.03	148.59 12.04 -24.04	151.71 12.12 -28.42	156.04 13.64 -12.47	188.40 16.89 -4.16	223.99 17.41 -32.52	197.70 17.91 -7.58	169.13 14.29 -24.94	153.64 11.99 -32.61	147.12 10.49 -36.69	145.11 10.47 -33.92	145.20 10.13 -37.64	144.00 10.58 -32.59	152.48 11.38 -36.66	167.40 12.79 -43.38	199.45 15.64 -51.16	196.99 15.48 -49.15	182.30 12.33 -60.78	161.42 11.50 -47.20	152.89 11.95 -30.28	151.36 10.65 -40.20	146.59 10.03 -36.26
HOLTSVILLE_IC_8 23697	155.46 10.96 -44.00	151.56 10.36 -44.43	148.92 10.34 -41.03	148.59 12.04 -24.04	151.71 12.12 -28.42	156.04 13.64 -12.47	188.40 16.89 -4.16	223.99 17.41 -32.52	197.70 17.91 -7.58	169.13 14.29 -24.94	153.64 11.99 -32.61	147.12 10.49 -36.69	145.11 10.47 -33.92	145.20 10.13 -37.64	144.00 10.58 -32.59	152.48 11.38 -36.66	167.40 12.79 -43.38	199.45 15.64 -51.16	196.99 15.48 -49.15	182.30 12.33 -60.78	161.42 11.50 -47.20	152.89 11.95 -30.28	151.36 10.65 -40.20	146.59 10.03 -36.26
HOLTSVILLE_IC_9 23698	155.46 10.96 -44.00	151.56 10.36 -44.43	148.92 10.34 -41.03	148.59 12.04 -24.04	151.71 12.12 -28.42	156.04 13.64 -12.47	188.40 16.89 -4.16	223.99 17.41 -32.52	197.70 17.91 -7.58	169.13 14.29 -24.94	153.64 11.99 -32.61	147.12 10.49 -36.69	145.11 10.47 -33.92	145.20 10.13 -37.64	144.00 10.58 -32.59	152.48 11.38 -36.66	167.40 12.79 -43.38	199.45 15.64 -51.16	196.99 15.48 -49.15	182.30 12.33 -60.78	161.42 11.50 -47.20	152.89 11.95 -30.28	151.36 10.65 -40.20	146.59 10.03 -36.26
HOMER_HL_115KV_TB2 355744	103.99 -4.72 -8.20	99.00 -5.13 -7.36	95.63 -6.05 -4.13	106.97 -7.65 -2.12	107.54 -7.00 -3.38	124.04 -8.06 -2.16	159.48 -7.87 0.00	165.19 -8.88 0.00	163.26 -8.96 0.00	125.37 -9.09 -4.56	106.69 -4.58 -2.23	97.61 -5.90 -3.57	97.35 -6.04 -2.67	94.16 -6.14 -2.88	97.16 -5.85 -2.19	102.33 -5.95 -3.85	110.33 -6.56 -5.66	133.00 -6.63 -6.99	131.24 -7.54 -6.42	110.29 -8.19 -9.29	104.16 -7.40 -8.83	107.69 -6.09 -3.12	98.92 -4.82 -3.23	99.85 -5.72 -5.26
HOWARD_WT_PWR 323690	108.54 -1.10 -9.13	103.32 -1.65 -8.19	99.91 -2.24 -4.60	111.71 -3.15 -2.36	112.26 -2.67 -3.76	130.40 -1.95 -2.41	165.17 -2.18 0.00	171.46 -3.83 -1.22	167.39 -4.82 0.00	130.43 -4.67 -5.20	108.83 -2.72 -2.51	101.40 -2.60 -4.07	101.04 -2.71 -3.04	97.97 -2.73 -3.28	101.00 -2.31 -2.49	106.94 -1.88 -4.38	116.88 -0.77 -6.43	141.10 0.53 -7.93	139.50 -0.13 -7.26	117.88 -1.86 -10.55	111.14 -1.44 -9.85	112.97 -1.21 -3.53	103.46 -0.70 -3.65	105.76 -0.40 -5.86

HQ_GEN_CEDARS 23644	96.29 -4.22 0.00	93.00 -3.77 0.00	94.92 -2.63 0.00	110.70 -1.80 0.00	108.94 -2.22 0.00	126.69 -3.25 0.00	164.17 -3.18 0.00	171.11 -2.96 0.00	168.77 -3.44 0.00	125.87 -4.03 0.00	105.00 -4.03 0.00	95.04 -4.90 0.00	95.98 -4.73 0.00	92.85 -4.58 0.00	95.88 -4.94 0.00	98.48 -5.95 0.00	105.00 -6.23 0.00	124.02 -8.62 0.00	124.29 -8.07 0.00	103.40 -5.79 0.00	97.48 -5.24 0.00	106.89 -3.76 0.00	96.59 -3.92 0.00	96.69 -3.61 0.00
HQ_GEN_CEDARS_PROXY 323590	96.29 -4.22 0.00	93.00 -3.78 0.00	94.92 -2.63 0.00	110.70 -1.80 0.00	108.94 -2.22 0.00	124.74 -3.24 1.95	166.11 -3.18 -1.95	171.11 -2.96 0.00	168.77 -3.44 0.00	125.87 -4.03 0.00	105.01 -4.03 0.00	95.04 -4.89 0.00	95.98 -4.73 0.00	92.85 -4.58 0.00	95.88 -4.94 0.00	98.48 -5.95 0.00	105.00 -6.23 0.00	124.03 -8.62 0.00	124.29 -8.08 0.00	103.40 -5.79 0.00	98.00 -4.72 0.00	106.89 -3.76 0.00	96.59 -3.92 0.00	96.70 -3.61 0.00
HQ_GEN_IMPORT 323601	98.00 -2.51 0.00	94.55 -2.22 0.00	95.50 -2.05 0.00	110.48 -2.02 0.00	108.94 -2.22 0.00	125.00 -2.98 1.95	166.79 -2.51 -1.95	171.46 -2.61 0.00	169.45 -2.76 0.00	126.78 -3.12 0.00	106.32 -2.72 0.00	97.24 -2.69 0.00	98.00 -2.71 0.00	94.80 -2.63 0.00	98.00 -2.82 0.00	101.40 -3.03 0.00	108.00 -3.23 0.00	128.00 -4.65 0.00	128.00 -4.36 0.00	106.25 -2.94 0.00	100.05 -2.67 0.00	108.00 -2.66 0.00	98.00 -2.51 0.00	98.00 -2.30 0.00
HQ_GEN_WHEEL 23651	98.00 -2.51 0.00	94.55 -2.22 0.00	95.50 -2.05 0.00	110.48 -2.02 0.00	108.94 -2.22 0.00	125.00 -2.98 1.95	166.79 -2.51 -1.95	171.46 -2.61 0.00	169.45 -2.76 0.00	126.78 -3.12 0.00	106.32 -2.72 0.00	97.24 -2.69 0.00	98.00 -2.71 0.00	94.80 -2.63 0.00	98.00 -2.82 0.00	101.40 -3.03 0.00	108.00 -3.23 0.00	128.00 -4.65 0.00	128.00 -4.36 0.00	106.25 -2.94 0.00	100.05 -2.67 0.00	108.00 -2.66 0.00	98.00 -2.51 0.00	98.00 -2.30 0.00
HUDSON_AVE_GT_3 23810	151.42 8.54 -42.36	142.79 8.03 -37.98	126.89 8.00 -21.34	136.20 9.45 -14.25	139.54 9.45 -18.92	152.16 11.04 -11.18	179.40 12.05 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	176.09 12.21 -33.98	140.36 9.49 -21.83	138.80 8.59 -30.27	135.49 8.76 -26.01	132.99 8.38 -27.19	133.42 8.97 -23.62	141.97 9.19 -28.34	158.07 9.90 -36.94	184.63 12.34 -39.65	176.14 12.05 -31.73	165.89 9.61 -47.09	156.91 8.94 -45.25	139.99 9.52 -19.81	132.56 8.54 -23.50	139.65 8.02 -31.32
HUDSON_AVE_GT_4 23540	151.42 8.54 -42.36	142.79 8.03 -37.98	126.89 8.00 -21.34	136.15 9.45 -14.19	139.51 9.45 -18.90	152.16 11.04 -11.18	179.40 12.05 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	176.09 12.21 -33.98	140.13 9.49 -21.61	138.56 8.59 -30.03	135.24 8.76 -25.76	132.74 8.38 -26.93	133.16 8.97 -23.37	141.79 9.19 -28.17	157.90 9.90 -36.77	184.56 12.34 -39.58	176.14 12.05 -31.73	165.89 9.61 -47.09	156.91 8.94 -45.25	139.91 9.52 -19.74	132.43 8.54 -23.38	139.59 8.02 -31.26
HUDSON_AVE_GT_5 23657	151.42 8.54 -42.36	142.79 8.03 -37.98	126.89 8.00 -21.34	136.15 9.45 -14.19	139.51 9.45 -18.90	152.16 11.04 -11.18	179.40 12.05 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	176.09 12.21 -33.98	140.13 9.49 -21.61	138.56 8.59 -30.03	135.24 8.76 -25.76	132.74 8.38 -26.93	133.16 8.97 -23.37	141.79 9.19 -28.17	157.90 9.90 -36.77	184.56 12.34 -39.58	176.14 12.05 -31.73	165.89 9.61 -47.09	156.91 8.94 -45.25	139.91 9.52 -19.74	132.43 8.54 -23.38	139.59 8.02 -31.26
HUDSON_AVE_10 24168	151.11 8.24 -42.36	142.59 7.84 -37.98	126.59 7.71 -21.34	141.23 9.45 -19.27	141.79 9.45 -21.18	151.78 10.65 -11.19	179.06 11.71 0.00	191.04 12.36 -4.61	185.13 12.92 0.00	175.96 12.08 -33.98	156.77 9.38 -38.36	156.54 8.49 -48.12	153.81 8.66 -44.43	151.50 8.28 -45.80	151.90 8.87 -42.20	154.65 9.09 -41.14	170.50 9.79 -49.48	191.30 12.20 -46.45	175.88 11.78 -31.74	165.68 9.39 -47.10	156.81 8.83 -45.26	146.92 9.52 -26.75	144.30 8.54 -35.25	145.97 8.02 -37.65
HUDSON___115KV_TB 4 355613	157.00 5.83 -50.66	147.82 5.61 -45.43	128.44 5.37 -25.52	131.44 5.85 -13.08	137.80 5.78 -20.86	150.06 6.76 -13.37	176.38 9.04 0.00	203.25 8.70 -20.48	181.52 9.30 0.00	164.85 6.75 -28.19	139.42 6.00 -24.39	127.39 5.40 -22.06	122.56 5.34 -16.51	120.35 5.16 -17.76	119.69 5.34 -13.52	134.14 5.95 -23.76	162.95 6.34 -45.38	199.05 7.83 -58.58	204.48 7.81 -64.30	188.23 6.22 -72.81	169.28 5.86 -60.70	151.16 6.31 -34.19	141.71 5.83 -35.38	138.61 5.82 -32.49
HUNTER MOUNT___DRP 323613	155.97 6.03 -49.43	146.91 5.81 -44.33	128.01 5.56 -24.90	131.34 6.08 -12.77	137.63 6.11 -20.35	150.12 7.15 -13.04	177.56 10.21 0.00	200.90 9.40 -17.43	182.72 10.51 0.00	164.29 6.88 -27.51	136.89 6.00 -21.85	126.76 5.30 -21.53	122.06 5.24 -16.11	119.82 5.07 -17.33	119.26 5.24 -13.19	133.57 5.95 -23.18	160.28 6.67 -42.38	195.34 8.36 -54.34	198.95 8.34 -58.24	184.08 6.66 -68.23	166.99 6.16 -58.10	147.94 6.64 -30.64	138.24 6.03 -31.70	138.02 6.02 -31.70
HUNTINGTON_RES_REC 323705	154.16 9.65 -44.00	150.30 9.09 -44.43	147.75 9.17 -41.03	147.24 10.69 -24.04	150.16 10.57 -28.43	154.22 11.82 -12.47	185.57 14.06 -4.16	221.21 14.62 -32.52	194.95 15.16 -7.58	167.19 12.35 -24.94	152.12 10.47 -32.61	146.22 9.59 -36.69	144.41 9.77 -33.93	144.51 9.45 -37.64	143.40 9.98 -32.59	151.34 10.24 -36.66	165.74 11.12 -43.39	197.73 13.92 -51.16	195.28 13.77 -49.15	180.89 10.92 -60.78	160.00 10.07 -47.20	151.79 10.85 -30.28	150.46 9.75 -40.20	145.89 9.33 -36.26
HUNTLEY___63 23557	102.88 -4.42 -6.80	98.13 -4.74 -6.10	95.02 -5.95 -3.42	106.50 -7.76 -1.76	106.85 -7.11 -2.80	123.15 -8.58 -1.79	153.62 -13.72 0.00	158.58 -15.49 0.00	157.06 -15.15 0.00	122.51 -11.17 -3.78	102.56 -8.29 -1.81	95.90 -7.00 -2.96	95.78 -7.15 -2.22	92.50 -7.31 -2.38	95.68 -6.96 -1.81	100.52 -7.10 -3.19	107.77 -8.12 -4.66	130.16 -8.22 -5.74	128.21 -9.40 -5.24	106.79 -10.05 -7.65	101.50 -8.53 -7.30	103.46 -9.74 -2.54	95.20 -7.94 -2.63	97.94 -6.72 -4.36
HUNTLEY___64 23558	102.88 -4.42 -6.80	98.13 -4.74 -6.10	95.02 -5.95 -3.42	106.50 -7.76 -1.76	106.85 -7.11 -2.80	123.15 -8.58 -1.79	153.62 -13.72 0.00	158.58 -15.49 0.00	157.06 -15.15 0.00	122.51 -11.17 -3.78	102.56 -8.29 -1.81	95.90 -7.00 -2.96	95.78 -7.15 -2.22	92.50 -7.31 -2.38	95.68 -6.96 -1.81	100.52 -7.10 -3.19	107.77 -8.12 -4.66	130.16 -8.22 -5.74	128.21 -9.40 -5.24	106.79 -10.05 -7.65	101.50 -8.53 -7.30	103.46 -9.74 -2.54	95.20 -7.94 -2.63	97.94 -6.72 -4.36
HUNTLEY___65 23559	102.88 -4.42 -6.80	98.13 -4.74 -6.10	95.02 -5.95 -3.42	106.50 -7.76 -1.76	106.85 -7.11 -2.80	123.15 -8.58 -1.79	153.62 -13.72 0.00	158.58 -15.49 0.00	157.06 -15.15 0.00	122.51 -11.17 -3.78	102.56 -8.29 -1.81	95.90 -7.00 -2.96	95.78 -7.15 -2.22	92.50 -7.31 -2.38	95.68 -6.96 -1.81	100.52 -7.10 -3.19	107.77 -8.12 -4.66	130.16 -8.22 -5.74	128.21 -9.40 -5.24	106.79 -10.05 -7.65	101.50 -8.53 -7.30	103.46 -9.74 -2.54	95.20 -7.94 -2.63	97.94 -6.72 -4.36
HUNTLEY___66 23560	102.88 -4.42 -6.80	98.13 -4.74 -6.10	95.02 -5.95 -3.42	106.50 -7.76 -1.76	106.85 -7.11 -2.80	123.15 -8.58 -1.79	153.62 -13.72 0.00	158.58 -15.49 0.00	157.06 -15.15 0.00	122.51 -11.17 -3.78	102.56 -8.29 -1.81	95.90 -7.00 -2.96	95.78 -7.15 -2.22	92.50 -7.31 -2.38	95.68 -6.96 -1.81	100.52 -7.10 -3.19	107.77 -8.12 -4.66	130.16 -8.22 -5.74	128.21 -9.40 -5.24	106.79 -10.05 -7.65	101.50 -8.53 -7.30	103.46 -9.74 -2.54	95.20 -7.94 -2.63	97.94 -6.72 -4.36

HUNTLEY___67 23561	102.81 -4.62 -6.93	97.95 -5.03 -6.21	94.99 -6.05 -3.49	106.53 -7.76 -1.79	106.79 -7.23 -2.85	123.32 -8.45 -1.83	153.96 -13.39 0.00	158.93 -15.14 0.00	157.23 -14.98 0.00	122.84 -10.91 -3.86	102.71 -8.18 -1.85	96.16 -6.80 -3.02	95.92 -7.05 -2.26	92.65 -7.21 -2.43	95.82 -6.86 -1.85	100.68 -7.00 -3.25	108.08 -7.90 -4.75	130.55 -7.96 -5.86	128.45 -9.27 -5.35	107.17 -9.83 -7.80	101.85 -8.32 -7.44	103.84 -9.41 -2.59	95.55 -7.64 -2.68	98.23 -6.52 -4.44
HUNTLEY___68 23562	102.81 -4.62 -6.93	97.95 -5.03 -6.21	94.99 -6.05 -3.49	106.53 -7.76 -1.79	106.79 -7.23 -2.85	123.32 -8.45 -1.83	153.96 -13.39 0.00	158.93 -15.14 0.00	157.23 -14.98 0.00	122.84 -10.91 -3.86	102.71 -8.18 -1.85	96.16 -6.80 -3.02	95.92 -7.05 -2.26	92.65 -7.21 -2.43	95.82 -6.86 -1.85	100.68 -7.00 -3.25	108.08 -7.90 -4.75	130.55 -7.96 -5.86	128.45 -9.27 -5.35	107.17 -9.83 -7.80	101.85 -8.32 -7.44	103.84 -9.41 -2.59	95.55 -7.64 -2.68	98.23 -6.52 -4.44
HYLAND___LFGE 323620	111.77 3.72 -7.54	106.24 2.71 -6.76	103.40 2.05 -3.80	116.24 1.79 -1.95	116.83 2.56 -3.10	135.82 3.89 -1.99	171.69 4.34 0.00	167.81 -6.26 0.00	164.99 -7.23 0.00	127.89 -6.23 -4.22	106.39 -4.69 -2.03	99.24 -4.00 -3.30	98.86 -4.33 -2.47	95.90 -4.19 -2.66	99.22 -3.63 -2.02	104.96 -3.03 -3.56	113.33 -3.11 -5.21	138.00 -1.07 -6.42	136.39 -1.85 -5.88	114.57 -3.17 -8.55	113.70 2.87 -8.11	116.16 2.65 -2.85	106.07 2.61 -2.95	108.14 3.01 -4.83
INDECK___CORINTH 23802	162.89 8.64 -53.74	153.18 8.22 -48.19	132.71 8.09 -27.07	135.61 9.23 -13.88	142.73 9.44 -22.12	155.55 11.44 -14.18	182.24 14.89 0.00	239.54 15.49 -49.98	188.75 16.53 0.00	172.16 12.35 -29.91	166.44 10.03 -47.38	132.24 8.89 -23.41	127.10 8.86 -17.52	124.65 8.38 -18.85	123.64 8.47 -14.35	139.04 9.40 -25.21	190.67 10.23 -69.22	238.46 12.47 -93.35	263.14 12.71 -118.07	227.69 10.04 -108.46	188.91 9.35 -76.84	187.05 9.96 -66.43	178.19 8.94 -68.73	143.39 8.63 -34.46
INDECK___ILION 23567	102.82 2.31 0.00	99.00 2.23 0.00	99.70 2.15 0.00	114.86 2.36 0.00	113.61 2.45 0.00	132.92 2.99 0.00	171.03 3.68 0.00	177.90 3.83 0.00	176.00 3.79 0.00	132.89 2.99 0.00	111.55 2.51 0.00	102.33 2.40 0.00	103.03 2.32 0.00	99.67 2.24 0.00	103.14 2.32 0.00	106.94 2.51 0.00	113.90 2.67 0.00	136.10 3.45 0.00	135.81 3.44 0.00	111.92 2.73 0.00	105.29 2.57 0.00	113.42 2.77 0.00	103.12 2.61 0.00	102.81 2.51 0.00
INDECK___OLEAN 23982	103.99 -4.72 -8.20	99.00 -5.13 -7.36	95.63 -6.05 -4.13	106.97 -7.65 -2.12	107.54 -7.00 -3.38	124.04 -8.06 -2.16	159.48 -7.86 0.00	165.20 -8.87 0.00	163.25 -8.96 0.00	125.29 -9.10 -4.49	106.69 -4.58 -2.23	97.55 -5.90 -3.51	97.30 -6.04 -2.63	94.12 -6.13 -2.83	97.12 -5.85 -2.15	102.27 -5.95 -3.78	110.27 -6.56 -5.60	132.94 -6.63 -6.92	131.36 -7.41 -6.40	110.19 -8.19 -9.19	103.95 -7.60 -8.83	107.80 -5.98 -3.12	98.82 -4.92 -3.23	99.85 -5.71 -5.26
INDECK___OSWEGO 23783	100.75 -3.12 -3.36	96.69 -3.10 -3.01	95.93 -3.32 -1.69	109.43 -3.94 -0.87	108.66 -3.89 -1.38	126.66 -4.16 -0.89	161.66 -5.69 0.00	168.33 -5.74 0.00	166.36 -5.86 0.00	127.61 -4.16 -1.87	105.54 -3.49 0.00	98.30 -3.10 -1.46	98.69 -3.12 -1.10	95.48 -3.12 -1.18	98.59 -3.13 -0.90	102.88 -3.13 -1.58	109.43 -3.23 -1.43	130.87 -3.31 -1.54	129.58 -3.30 -0.52	108.50 -3.17 -2.48	102.73 -3.08 -3.09	107.23 -3.43 0.00	97.29 -3.22 0.00	99.35 -3.11 -2.16
INDECK___YERKES 23781	102.89 -4.42 -6.80	98.03 -4.84 -6.10	94.93 -6.05 -3.42	106.38 -7.88 -1.76	106.74 -7.22 -2.80	123.15 -8.58 -1.79	153.46 -13.89 0.00	158.58 -15.49 0.00	157.06 -15.16 0.00	122.37 -11.30 -3.77	102.46 -8.39 -1.81	95.89 -7.00 -2.95	95.77 -7.15 -2.21	92.49 -7.31 -2.37	95.77 -6.86 -1.81	100.40 -7.20 -3.18	107.76 -8.12 -4.65	130.15 -8.22 -5.73	128.21 -9.39 -5.24	106.78 -10.04 -7.63	100.98 -9.04 -7.30	103.46 -9.74 -2.54	95.09 -8.04 -2.63	97.94 -6.72 -4.36
INDIAN POINT_GT_1 24139	149.46 7.04 -41.91	140.94 6.58 -37.59	125.30 6.63 -21.11	131.09 7.76 -10.82	136.20 7.78 -17.26	150.09 9.10 -11.06	177.56 10.21 0.00	189.25 10.62 -4.56	183.41 11.19 0.00	163.23 10.00 -23.33	127.87 8.07 -10.77	125.48 7.30 -18.25	121.83 7.45 -13.66	119.23 7.11 -14.70	119.67 7.66 -11.19	131.92 7.83 -19.66	148.01 8.45 -28.33	178.07 10.61 -34.81	174.21 10.46 -31.39	164.08 8.30 -46.59	155.30 7.81 -44.77	134.05 8.30 -15.10	123.46 7.34 -15.62	134.11 6.92 -26.88
INDIAN POINT_GT_2 23659	149.46 7.04 -41.91	140.94 6.58 -37.59	125.30 6.63 -21.11	131.09 7.76 -10.82	136.20 7.78 -17.26	150.09 9.10 -11.06	177.56 10.21 0.00	189.25 10.62 -4.56	183.41 11.19 0.00	163.23 10.00 -23.33	127.87 8.07 -10.77	125.48 7.30 -18.25	121.83 7.45 -13.66	119.23 7.11 -14.70	119.67 7.66 -11.19	131.92 7.83 -19.66	148.01 8.45 -28.33	178.07 10.61 -34.81	174.21 10.46 -31.39	164.08 8.30 -46.59	155.30 7.81 -44.77	134.05 8.30 -15.10	123.46 7.34 -15.62	134.11 6.92 -26.88
INDIAN POINT_GT_3 24019	149.46 7.04 -41.91	140.94 6.58 -37.59	125.30 6.63 -21.11	131.09 7.76 -10.82	136.20 7.78 -17.26	150.09 9.10 -11.06	177.56 10.21 0.00	189.25 10.62 -4.56	183.41 11.19 0.00	163.23 10.00 -23.33	127.87 8.07 -10.77	125.48 7.30 -18.25	121.83 7.45 -13.66	119.23 7.11 -14.70	119.67 7.66 -11.19	131.92 7.83 -19.66	148.01 8.45 -28.33	178.07 10.61 -34.81	174.21 10.46 -31.39	164.08 8.30 -46.59	155.30 7.81 -44.77	134.05 8.30 -15.10	123.46 7.34 -15.62	134.11 6.92 -26.88
INDIAN POINT___2 23530	148.58 6.73 -41.34	140.23 6.39 -37.07	124.81 6.44 -20.82	130.72 7.54 -10.68	135.63 7.45 -17.02	149.68 8.84 -10.91	177.05 9.70 0.00	188.83 10.27 -4.49	182.90 10.68 0.00	162.65 9.75 -23.01	127.39 7.74 -10.61	125.03 7.10 -18.00	121.34 7.15 -13.47	118.74 6.82 -14.49	119.12 7.26 -11.03	131.34 7.52 -19.39	147.28 8.12 -27.93	177.19 10.21 -34.33	173.37 10.05 -30.95	163.10 7.97 -45.95	154.27 7.40 -44.15	133.51 7.97 -14.88	123.04 7.14 -15.40	133.43 6.62 -26.51
INDIAN POINT___3 23531	149.29 6.83 -41.94	140.87 6.48 -37.61	125.21 6.54 -21.13	130.87 7.54 -10.83	135.99 7.56 -17.27	149.83 8.84 -11.06	177.05 9.71 0.00	188.91 10.27 -4.57	182.89 10.68 0.00	162.98 9.74 -23.34	127.55 7.74 -10.77	125.30 7.10 -18.27	121.54 7.15 -13.67	119.05 6.92 -14.71	119.38 7.36 -11.19	131.73 7.62 -19.67	147.81 8.23 -28.35	177.70 10.21 -34.84	173.84 10.06 -31.42	163.79 7.97 -46.63	155.02 7.50 -44.80	133.73 7.97 -15.11	123.28 7.14 -15.63	133.82 6.62 -26.90
INGHAM_C_115KV_TB7 356103	104.03 3.52 0.00	100.16 3.39 0.00	100.77 3.22 0.00	116.21 3.71 0.00	114.83 3.67 0.00	134.48 4.55 0.00	173.04 5.69 0.00	179.99 5.92 0.00	178.07 5.86 0.00	134.45 4.55 0.00	112.85 3.82 0.00	103.43 3.50 0.00	104.04 3.32 0.00	100.54 3.12 0.00	104.05 3.23 0.00	107.88 3.45 0.00	115.01 3.78 0.00	137.42 4.78 0.00	137.00 4.63 0.00	113.01 3.82 0.00	106.42 3.70 0.00	114.86 4.20 0.00	104.53 4.02 0.00	104.32 4.01 0.00
IP CORINTH___1 23988	162.89 8.64 -53.74	153.19 8.23 -48.19	132.71 8.10 -27.07	135.60 9.23 -13.88	142.74 9.45 -22.12	155.54 11.43 -14.18	182.24 14.89 0.00	239.54 15.49 -49.98	188.75 16.53 0.00	172.14 12.34 -29.90	166.45 10.03 -47.38	132.23 8.89 -23.40	127.09 8.86 -17.51	124.65 8.38 -18.84	123.63 8.47 -14.34	139.03 9.40 -25.20	190.67 10.23 -69.21	238.46 12.47 -93.34	263.01 12.57 -118.07	227.68 10.05 -108.44	188.91 9.35 -76.84	187.05 9.96 -66.43	178.19 8.95 -68.73	143.39 8.63 -34.46

IP___TICONDEROGA 23804	167.85 13.67 -53.67	157.77 12.87 -48.13	137.27 12.68 -27.03	140.76 14.40 -13.86	148.05 14.79 -22.10	162.02 17.93 -14.16	191.28 23.93 0.00	248.96 25.41 -49.47	198.91 26.69 0.00	179.25 19.48 -29.87	171.73 15.70 -46.99	137.30 13.99 -23.37	132.00 13.80 -17.49	129.30 13.06 -18.82	128.25 13.11 -14.32	144.43 14.83 -25.17	196.15 16.13 -68.79	245.02 19.63 -92.74	269.37 19.85 -117.15	232.85 15.83 -107.83	194.06 14.79 -76.55	192.25 15.71 -65.88	182.74 14.07 -68.16	148.47 13.74 -34.42
ISLIP_RES_REC 323679	156.04 11.45 -44.08	152.23 10.93 -44.52	149.49 10.83 -41.11	149.22 12.60 -24.12	152.33 12.67 -28.50	156.89 14.42 -12.53	189.46 17.91 -4.20	225.22 18.63 -32.52	198.92 19.11 -7.60	169.96 15.06 -24.99	154.37 12.64 -32.69	147.71 10.99 -36.78	145.71 10.98 -34.02	145.78 10.62 -37.73	144.68 11.19 -32.67	153.18 12.00 -36.74	168.15 13.45 -43.47	200.58 16.58 -51.36	198.08 16.41 -49.31	183.17 12.99 -61.00	162.14 12.12 -47.30	153.65 12.61 -30.38	151.97 11.16 -40.31	147.18 10.53 -36.34
JAMAICA__27_KV_LOAD 355505	151.92 9.05 -42.36	143.37 8.61 -37.98	127.37 8.49 -21.34	143.41 11.03 -19.88	143.50 10.89 -21.44	152.82 11.69 -11.19	180.57 13.22 0.00	192.78 14.10 -4.61	186.85 14.64 0.00	177.65 13.77 -33.98	158.19 10.79 -38.36	157.84 9.79 -48.12	155.98 9.97 -45.29	153.74 9.65 -46.67	154.18 10.28 -43.08	156.72 10.55 -41.74	171.94 11.23 -49.48	193.03 13.93 -46.45	177.34 13.24 -31.74	166.99 10.70 -47.10	157.94 9.96 -45.26	148.79 11.07 -27.07	146.24 9.95 -35.78	147.66 9.43 -37.93
JANIS___SOLAR 323808	118.79 5.42 -12.86	113.24 4.93 -11.53	108.52 4.49 -6.48	120.89 5.07 -3.32	121.58 5.12 -5.30	140.47 7.14 -3.39	177.22 9.87 0.00	187.03 10.62 -2.34	181.68 9.47 0.00	143.55 6.49 -7.16	118.79 5.56 -4.19	110.04 4.50 -5.61	109.14 4.23 -4.19	106.03 4.09 -4.51	108.80 4.54 -3.43	115.89 5.43 -6.04	127.81 7.01 -9.57	154.84 10.21 -11.97	154.25 10.19 -11.69	132.31 7.53 -15.59	123.86 6.88 -14.25	123.51 6.98 -5.88	112.52 5.93 -6.08	114.37 5.82 -8.25
JARVIS____ 23743	101.72 1.21 0.00	97.84 1.07 0.00	98.63 1.08 0.00	113.63 1.12 0.00	112.39 1.23 0.00	131.50 1.56 0.00	168.85 1.50 0.00	175.63 1.56 0.00	173.94 1.72 0.00	131.33 1.43 0.00	110.35 1.31 0.00	101.23 1.30 0.00	102.02 1.31 0.00	98.69 1.26 0.00	102.13 1.31 0.00	105.79 1.35 0.00	112.67 1.44 0.00	134.50 1.86 0.00	134.08 1.72 0.00	110.50 1.31 0.00	103.96 1.24 0.00	111.88 1.22 0.00	101.72 1.21 0.00	101.51 1.21 0.00
JENNISON___1 23625	124.28 6.13 -17.64	118.21 5.61 -15.82	111.80 5.37 -8.89	123.13 6.08 -4.56	124.65 6.23 -7.26	142.77 8.19 -4.65	178.22 10.88 0.00	189.38 11.49 -3.82	183.06 10.85 0.00	147.64 7.92 -9.82	122.40 6.98 -6.38	113.51 5.90 -7.68	112.31 5.84 -5.75	109.16 5.55 -6.19	111.48 5.95 -4.71	119.39 6.68 -8.27	132.87 7.90 -13.74	161.13 11.14 -17.34	160.86 10.99 -17.51	139.68 8.19 -22.30	130.34 7.70 -19.92	127.47 7.86 -8.95	116.61 6.83 -9.26	118.24 6.62 -11.32
JENNISON___2 23626	124.28 6.13 -17.64	118.21 5.61 -15.82	111.80 5.37 -8.89	123.13 6.08 -4.56	124.65 6.23 -7.26	142.77 8.19 -4.65	178.22 10.88 0.00	189.38 11.49 -3.82	183.06 10.85 0.00	147.64 7.92 -9.82	122.40 6.98 -6.38	113.51 5.90 -7.68	112.31 5.84 -5.75	109.16 5.55 -6.19	111.48 5.95 -4.71	119.39 6.68 -8.27	132.87 7.90 -13.74	161.13 11.14 -17.34	160.86 10.99 -17.51	139.68 8.19 -22.30	130.34 7.70 -19.92	127.47 7.86 -8.95	116.61 6.83 -9.26	118.24 6.62 -11.32
JERICHO_RISE_WT_PWR 323719	97.70 -2.81 0.00	94.45 -2.32 0.00	95.80 -1.75 0.00	110.82 -1.68 0.00	109.17 -2.00 0.00	127.07 -2.86 0.00	164.50 -2.85 0.00	171.46 -2.61 0.00	169.12 -3.09 0.00	126.13 -3.77 0.00	105.77 -3.27 0.00	96.34 -3.59 0.00	97.09 -3.62 0.00	94.01 -3.41 0.00	97.09 -3.73 0.00	100.25 -4.18 0.00	107.00 -4.23 0.00	126.41 -6.23 0.00	126.68 -5.69 0.00	105.36 -3.82 0.00	99.34 -3.39 0.00	107.56 -3.10 0.00	97.50 -3.01 0.00	97.89 -2.41 0.00
KATONAH___115KV_46KV_TB4 355592	151.24 7.84 -42.90	142.69 7.45 -38.47	126.67 7.51 -21.61	132.36 8.78 -11.08	137.50 8.67 -17.66	151.51 10.26 -11.32	179.56 12.22 0.00	191.82 13.06 -4.70	185.48 13.26 0.00	165.46 11.69 -23.87	129.56 9.49 -11.04	127.31 8.69 -18.68	123.46 8.76 -13.98	120.84 8.38 -15.04	121.24 8.97 -11.45	133.84 9.29 -20.12	150.14 9.90 -29.01	180.64 12.34 -35.66	176.71 12.18 -32.17	166.62 9.72 -47.71	157.80 9.25 -45.83	135.87 9.74 -15.47	125.16 8.64 -16.01	135.84 8.02 -27.51
KCE_NY_1 323755	161.82 7.74 -53.58	152.17 7.35 -48.04	131.86 7.32 -26.99	134.66 8.33 -13.84	141.67 8.44 -22.06	154.21 10.14 -14.13	180.06 12.71 0.00	236.05 13.22 -48.76	185.48 13.26 0.00	169.85 10.14 -29.82	163.87 8.40 -46.44	130.77 7.50 -23.33	125.52 7.35 -17.46	123.23 7.02 -18.78	122.69 7.57 -14.30	137.80 8.25 -25.12	188.45 9.01 -68.21	235.55 11.00 -91.90	259.33 11.12 -115.85	224.88 8.74 -106.95	187.09 8.22 -76.14	184.50 8.74 -65.11	175.81 7.94 -67.36	142.39 7.72 -34.36
KCE_NY_6_ESR 323823	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.73 -5.46 -3.64	107.17 -7.20 -1.87	107.69 -6.45 -2.98	124.30 -7.54 -1.91	156.30 -11.05 0.00	161.53 -12.54 0.00	159.99 -12.22 0.00	124.29 -9.61 -4.01	104.44 -6.54 -1.94	97.27 -5.80 -3.13	97.02 -6.04 -2.35	93.71 -6.24 -2.52	96.89 -5.85 -1.92	101.86 -5.95 -3.38	109.51 -6.67 -4.95	132.13 -6.63 -6.11	130.29 -7.68 -5.60	108.69 -8.63 -8.13	102.79 -7.71 -7.77	105.52 -7.85 -2.72	96.99 -6.33 -2.81	99.33 -5.61 -4.64
KEDC_PORT_JEFF_GT2 24210	155.32 10.86 -43.95	151.41 10.25 -44.39	148.78 10.24 -40.99	148.42 11.92 -24.00	151.56 12.01 -28.39	155.88 13.51 -12.43	188.06 16.57 -4.14	223.82 17.24 -32.52	197.53 17.74 -7.57	168.98 14.16 -24.92	153.50 11.89 -32.57	146.97 10.39 -36.65	145.07 10.47 -33.88	145.05 10.04 -37.59	143.96 10.58 -32.55	152.44 11.38 -36.62	167.24 12.68 -43.34	199.21 15.51 -51.06	196.78 15.35 -49.06	182.08 12.23 -60.67	161.27 11.40 -47.15	152.84 11.95 -30.22	151.21 10.55 -40.15	146.54 10.03 -36.21
KEDC_PORT_JEFF_GT3 24211	155.32 10.86 -43.95	151.41 10.25 -44.39	148.78 10.24 -40.99	148.42 11.92 -24.00	151.56 12.01 -28.39	155.88 13.51 -12.43	188.06 16.57 -4.14	223.82 17.24 -32.52	197.53 17.74 -7.57	168.98 14.16 -24.92	153.50 11.89 -32.57	146.97 10.39 -36.65	145.07 10.47 -33.88	145.05 10.04 -37.59	143.96 10.58 -32.55	152.44 11.38 -36.62	167.24 12.68 -43.34	199.21 15.51 -51.06	196.78 15.35 -49.06	182.08 12.23 -60.67	161.27 11.40 -47.15	152.84 11.95 -30.22	151.21 10.55 -40.15	146.54 10.03 -36.21
KEDC_GLWD_GT4 24219	159.54 9.95 -49.08	156.20 9.38 -50.04	152.87 9.37 -45.96	152.46 10.91 -29.05	155.09 10.90 -33.02	158.86 12.48 -16.45	188.72 14.89 -6.48	222.26 15.67 -32.52	196.96 16.18 -8.56	171.52 13.51 -28.11	157.38 11.13 -37.22	152.25 10.20 -42.12	150.60 10.28 -39.61	150.69 9.94 -43.32	148.62 10.39 -37.42	156.67 10.86 -41.37	171.66 11.78 -48.64	210.33 14.05 -63.63	205.58 13.89 -59.32	195.23 11.46 -74.58	166.56 10.58 -53.26	158.59 11.40 -36.54	157.40 10.26 -46.64	151.79 9.73 -41.76
KEDC_GLWD_GT5 24220	159.54 9.95 -49.08	156.20 9.38 -50.04	152.87 9.37 -45.96	152.46 10.91 -29.05	155.09 10.90 -33.02	158.86 12.48 -16.45	188.72 14.89 -6.48	222.26 15.67 -32.52	196.96 16.18 -8.56	171.52 13.51 -28.11	157.38 11.13 -37.22	152.25 10.20 -42.12	150.60 10.28 -39.61	150.69 9.94 -43.32	148.62 10.39 -37.42	156.67 10.86 -41.37	171.66 11.78 -48.64	210.33 14.05 -63.63	205.58 13.89 -59.32	195.23 11.46 -74.58	166.56 10.58 -53.26	158.59 11.40 -36.54	157.40 10.26 -46.64	151.79 9.73 -41.76

KENSICO____ 23655	150.21 7.44 -42.27	141.74 7.06 -37.90	125.96 7.12 -21.29	131.74 8.33 -10.92	136.79 8.23 -17.40	150.83 9.75 -11.15	178.06 10.71 0.00	189.99 11.31 -4.60	184.10 11.88 0.00	164.37 10.65 -23.82	128.40 8.50 -10.86	126.14 7.79 -18.41	122.35 7.86 -13.77	119.75 7.50 -14.82	120.17 8.07 -11.28	132.50 8.25 -19.82	148.69 8.90 -28.57	178.90 11.14 -35.11	175.01 10.99 -31.66	164.91 8.74 -46.98	155.98 8.12 -45.14	134.51 8.63 -15.22	124.00 7.74 -15.75	134.73 7.32 -27.11
KERHONKS_69_KV_TR1_REV_LBMP_G 345021	148.56 7.94 -40.11	140.19 7.45 -35.97	125.36 7.61 -20.20	131.64 8.78 -10.36	136.57 8.89 -16.51	151.04 10.52 -10.58	179.73 12.38 0.00	192.73 13.06 -5.61	185.65 13.43 0.00	163.39 11.17 -22.32	128.81 8.50 -11.26	125.00 7.59 -17.47	121.54 7.76 -13.07	118.89 7.40 -14.06	119.59 8.07 -10.70	131.60 8.35 -18.81	148.96 9.68 -28.05	179.82 12.47 -34.71	176.94 12.31 -32.27	165.10 9.94 -45.98	155.37 9.25 -43.40	136.19 9.74 -15.79	125.39 8.54 -16.34	133.95 7.92 -25.72
KIAC_JFK_GT1 23816	151.52 8.64 -42.36	142.98 8.23 -37.98	126.98 8.10 -21.34	142.96 10.58 -19.88	143.16 10.56 -21.44	152.30 11.17 -11.19	179.90 12.55 0.00	192.08 13.40 -4.61	186.16 13.95 0.00	177.13 13.25 -33.98	157.75 10.36 -38.36	157.44 9.39 -48.12	155.58 9.57 -45.29	153.35 9.26 -46.67	153.78 9.88 -43.08	156.19 10.03 -41.74	171.39 10.68 -49.48	192.49 13.40 -46.45	176.81 12.71 -31.74	166.44 10.15 -47.10	157.53 9.55 -45.26	148.24 10.51 -27.07	145.74 9.45 -35.78	147.26 9.03 -37.93
KIAC_JFK_GT2 23817	151.52 8.64 -42.36	142.98 8.23 -37.98	126.98 8.10 -21.34	142.96 10.58 -19.88	143.16 10.56 -21.44	152.30 11.17 -11.19	179.90 12.55 0.00	192.08 13.40 -4.61	186.16 13.95 0.00	177.13 13.25 -33.98	157.75 10.36 -38.36	157.44 9.39 -48.12	155.58 9.57 -45.29	153.35 9.26 -46.67	153.78 9.88 -43.08	156.19 10.03 -41.74	171.39 10.68 -49.48	192.49 13.40 -46.45	176.81 12.71 -31.74	166.44 10.15 -47.10	157.53 9.55 -45.26	148.24 10.51 -27.07	145.74 9.45 -35.78	147.26 9.03 -37.93
KIAC_JFK____ 323774	151.52 8.64 -42.36	142.98 8.22 -37.98	126.98 8.09 -21.34	142.95 10.57 -19.88	143.17 10.57 -21.44	152.30 11.18 -11.19	179.90 12.56 0.00	192.09 13.40 -4.61	186.00 13.78 0.00	177.14 13.26 -33.98	157.76 10.36 -38.36	157.44 9.39 -48.12	155.58 9.57 -45.29	153.25 9.16 -46.67	153.58 9.68 -43.08	156.20 10.03 -41.74	171.39 10.68 -49.48	192.49 13.39 -46.45	176.94 12.84 -31.74	166.44 10.16 -47.10	157.53 9.55 -45.26	148.25 10.52 -27.07	145.73 9.45 -35.78	147.26 9.03 -37.93
KINTIGH____ 23543	102.78 -3.72 -5.99	98.18 -3.97 -5.37	95.79 -4.78 -3.02	107.75 -6.30 -1.55	107.85 -5.78 -2.47	124.63 -6.89 -1.58	155.13 -12.22 0.00	160.32 -13.75 0.00	158.78 -13.43 0.00	124.14 -9.09 -3.33	103.09 -7.52 -1.57	96.95 -5.60 -2.61	96.93 -5.74 -1.95	93.68 -5.85 -2.10	96.88 -5.55 -1.60	101.60 -5.64 -2.81	108.86 -6.45 -4.08	131.30 -6.37 -5.02	129.52 -7.41 -4.56	107.93 -7.97 -6.71	102.26 -6.88 -6.42	104.34 -8.52 -2.20	95.85 -6.94 -2.28	98.73 -5.42 -3.84
KNTFSRNC_46_KV_46KV_LOAD 80397	99.70 -0.80 0.00	96.29 -0.48 0.00	97.65 0.10 0.00	113.06 0.56 0.00	111.28 0.11 0.00	129.54 -0.39 0.00	167.01 -0.33 0.00	174.24 0.17 0.00	171.70 -0.52 0.00	128.08 -1.82 0.00	107.40 -1.64 0.00	97.64 -2.30 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.30 -2.52 0.00	101.61 -2.82 0.00	108.56 -2.67 0.00	128.40 -4.24 0.00	128.79 -3.57 0.00	107.00 -2.18 0.00	100.67 -2.05 0.00	109.33 -1.33 0.00	99.00 -1.51 0.00	99.80 -0.50 0.00
LACHUTE__HYDRO 323717	167.84 13.67 -53.67	157.77 12.87 -48.13	137.26 12.68 -27.03	140.77 14.40 -13.86	148.05 14.79 -22.10	162.03 17.94 -14.16	191.28 23.93 0.00	248.96 25.41 -49.47	198.91 26.69 0.00	179.24 19.48 -29.86	171.73 15.71 -46.99	137.29 13.99 -23.37	132.00 13.80 -17.49	129.30 13.06 -18.81	128.24 13.10 -14.32	144.42 14.82 -25.16	196.14 16.12 -68.79	245.01 19.63 -92.74	269.50 19.99 -117.14	232.83 15.83 -107.81	194.07 14.80 -76.55	192.25 15.71 -65.88	182.74 14.07 -68.16	148.47 13.74 -34.42
LAWRNCV_115KV_TB1 80681	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.03 0.00	108.50 -2.67 0.00	125.78 -4.16 0.00	162.16 -5.19 0.00	169.20 -4.87 0.00	166.88 -5.34 0.00	124.18 -5.72 0.00	104.13 -4.91 0.00	94.44 -5.50 0.00	95.28 -5.44 0.00	92.26 -5.16 0.00	95.18 -5.65 0.00	97.96 -6.47 0.00	104.44 -6.78 0.00	123.10 -9.55 0.00	123.36 -9.00 0.00	102.75 -6.44 0.00	96.77 -5.96 0.00	106.67 -3.98 0.00	96.69 -3.82 0.00	96.99 -3.31 0.00
LEDERLE____ 23769	148.09 6.83 -40.75	139.80 6.48 -36.54	124.61 6.54 -20.53	130.56 7.54 -10.52	135.50 7.56 -16.78	149.52 8.84 -10.75	177.22 9.87 0.00	188.94 10.44 -4.42	183.24 11.02 0.00	162.45 9.87 -22.68	127.35 7.85 -10.46	124.78 7.10 -17.75	121.25 7.25 -13.28	118.63 6.92 -14.29	119.16 7.46 -10.87	131.16 7.62 -19.11	146.99 8.23 -27.53	176.83 10.35 -33.83	173.06 10.19 -30.50	162.66 8.19 -45.29	153.84 7.60 -43.52	133.40 8.08 -14.67	122.82 7.14 -15.17	133.06 6.62 -26.13
LIGHTHSE_115KV_TB6 355974	102.90 -0.70 -3.09	98.67 -0.87 -2.77	98.03 -1.07 -1.56	111.95 -1.35 -0.80	111.22 -1.22 -1.27	129.84 -0.91 -0.82	166.34 -1.00 0.00	173.55 -0.52 0.00	171.35 -0.86 0.00	130.71 -0.91 -1.72	108.38 -0.65 0.00	100.48 -0.80 -1.35	100.92 -0.81 -1.01	97.63 -0.88 -1.08	100.84 -0.81 -0.82	105.36 -0.52 -1.45	112.21 -0.33 -1.31	134.59 0.53 -1.42	133.24 0.40 -0.47	111.36 -0.11 -2.28	105.46 -0.10 -2.84	110.10 -0.55 0.00	99.91 -0.60 0.00	101.58 -0.70 -1.98
LINDEN COGEN____ 23786	150.41 7.54 -42.36	141.91 7.16 -37.98	126.00 7.12 -21.33	45.32 8.55 75.73	47.16 8.56 72.57	56.09 9.87 83.71	70.66 10.55 107.24	-89.75 10.97 274.80	-134.98 11.54 318.74	-102.31 11.04 243.25	-113.95 8.28 231.27	-121.60 7.59 229.12	-126.04 7.76 234.51	-128.55 7.40 233.38	-128.19 7.87 236.88	-111.18 8.15 223.76	-105.44 8.79 225.46	-72.74 11.00 216.39	-63.07 10.86 206.29	-114.79 8.52 232.50	-152.09 7.91 262.73	-131.84 8.41 250.90	-72.17 7.54 180.22	13.20 7.02 94.13
LINDHRST_69_KV_BK1 356055	157.50 10.85 -46.14	153.82 10.26 -46.79	150.90 10.24 -43.10	150.58 11.93 -26.15	153.53 12.01 -30.36	157.72 13.64 -14.15	189.05 16.57 -5.14	223.82 17.23 -32.52	197.95 17.74 -7.99	170.46 14.29 -26.28	155.69 12.10 -34.55	149.80 10.89 -38.98	148.01 10.98 -36.32	147.98 10.52 -40.03	146.63 11.19 -34.62	154.77 11.70 -38.65	169.62 12.79 -45.60	204.99 16.05 -56.29	201.45 15.75 -53.34	188.21 12.56 -66.46	164.08 11.61 -49.75	155.96 12.39 -32.91	154.47 11.06 -42.91	149.41 10.53 -38.57
LIPA_MISC_IPP 23656	154.96 10.55 -43.90	151.06 9.97 -44.32	148.44 9.95 -40.94	148.03 11.59 -23.94	151.17 11.67 -28.33	155.58 13.25 -12.39	187.70 16.23 -4.12	223.30 16.71 -32.52	197.00 17.22 -7.56	168.42 13.64 -24.88	153.01 11.45 -32.52	146.11 9.59 -36.59	144.10 9.57 -33.81	144.21 9.26 -37.53	143.30 9.98 -32.50	151.65 10.65 -36.57	166.63 12.12 -43.28	198.03 14.46 -50.92	195.61 14.30 -48.95	181.28 11.57 -60.52	160.69 10.89 -47.08	151.77 10.96 -30.16	150.23 9.65 -40.08	145.48 9.03 -36.15
LISF__SOLAR 323691	155.19 10.76 -43.92	151.28 10.16 -44.35	148.65 10.14 -40.96	148.28 11.81 -23.96	151.42 11.90 -28.35	155.85 13.51 -12.41	188.21 16.73 -4.13	223.82 17.24 -32.52	197.52 17.74 -7.56	168.70 13.91 -24.89	153.25 11.67 -32.54	146.23 9.69 -36.61	144.32 9.77 -33.84	144.33 9.35 -37.55	143.02 9.68 -32.52	151.78 10.76 -36.59	166.99 12.46 -43.30	198.47 14.85 -50.97	196.05 14.69 -49.00	181.56 11.80 -60.57	160.93 11.10 -47.11	152.01 11.17 -30.18	150.47 9.86 -40.10	145.70 9.22 -36.17

LITTLE FALLS___HYD 24013	104.03 3.52 0.00	100.16 3.39 0.00	100.77 3.22 0.00	116.21 3.71 0.00	114.83 3.67 0.00	134.48 4.55 0.00	173.04 5.69 0.00	179.99 5.92 0.00	178.07 5.86 0.00	134.45 4.55 0.00	112.85 3.82 0.00	103.43 3.50 0.00	104.04 3.32 0.00	100.54 3.12 0.00	104.05 3.23 0.00	107.88 3.45 0.00	115.01 3.78 0.00	137.42 4.78 0.00	137.00 4.63 0.00	113.01 3.82 0.00	106.42 3.70 0.00	114.86 4.20 0.00	104.53 4.02 0.00	104.32 4.01 0.00
LITTLRIV_115KV_TB1 356100	97.29 -3.22 0.00	93.97 -2.81 0.00	95.79 -1.76 0.00	111.71 -0.79 0.00	109.72 -1.45 0.00	127.34 -2.60 0.00	164.50 -2.84 0.00	171.81 -2.26 0.00	169.12 -3.10 0.00	125.61 -4.29 0.00	105.22 -3.82 0.00	95.34 -4.60 0.00	96.28 -4.43 0.00	93.14 -4.29 0.00	96.18 -4.64 0.00	99.11 -5.33 0.00	105.89 -5.34 0.00	124.82 -7.83 0.00	125.08 -7.28 0.00	104.17 -5.02 0.00	98.10 -4.62 0.00	107.89 -2.77 0.00	97.90 -2.61 0.00	98.20 -2.11 0.00
LI_NEWBRDGE___DRP 323616	151.70 8.84 -42.34	147.80 8.42 -42.61	145.37 8.39 -39.43	144.81 9.90 -22.41	147.88 9.78 -26.93	152.28 11.17 -11.17	183.81 13.05 -3.41	220.16 13.58 -32.52	193.60 14.12 -7.26	165.76 11.95 -23.91	150.07 9.92 -31.11	143.95 9.09 -34.93	141.96 9.17 -32.08	142.08 8.87 -35.79	141.32 9.48 -31.02	149.27 9.71 -35.13	163.36 10.46 -41.67	193.79 13.00 -48.15	191.76 12.71 -46.69	176.79 10.15 -57.45	157.40 9.45 -45.23	149.08 10.18 -28.24	147.76 9.15 -38.11	143.39 8.63 -34.47
LOCKPORT_115KV_TB60_63_64 80432	101.49 -5.53 -6.51	96.70 -5.90 -5.83	93.80 -7.02 -3.28	105.29 -8.89 -1.68	105.62 -8.23 -2.68	121.91 -9.75 -1.72	151.95 -15.40 0.00	156.84 -17.23 0.00	155.34 -16.88 0.00	121.18 -12.34 -3.62	101.17 -9.60 -1.72	94.87 -7.89 -2.83	94.78 -8.06 -2.12	91.52 -8.18 -2.28	94.69 -7.86 -1.74	99.44 -8.04 -3.05	106.56 -9.12 -4.45	128.84 -9.29 -5.48	126.77 -10.59 -5.00	105.58 -10.92 -7.31	100.25 -9.45 -6.98	102.23 -10.84 -2.42	94.07 -8.95 -2.50	96.85 -7.62 -4.17
LOCKPORT___CC1 323769	101.14 -5.93 -6.56	96.36 -6.29 -5.88	93.54 -7.32 -3.30	104.86 -9.34 -1.69	105.19 -8.67 -2.70	121.53 -10.14 -1.73	151.28 -16.07 0.00	156.14 -17.93 0.00	154.65 -17.57 0.00	120.55 -12.99 -3.64	100.75 -10.03 -1.74	94.59 -8.19 -2.85	94.39 -8.46 -2.13	91.14 -8.57 -2.29	94.40 -8.16 -1.74	99.04 -8.46 -3.07	106.25 -9.45 -4.48	128.21 -9.95 -5.52	126.42 -10.98 -5.04	105.19 -11.36 -7.35	99.49 -10.27 -7.04	101.81 -11.29 -2.44	93.69 -9.34 -2.52	96.58 -7.93 -4.21
LOCKPORT___CC2 323770	101.14 -5.93 -6.56	96.36 -6.29 -5.88	93.54 -7.32 -3.30	104.86 -9.34 -1.69	105.19 -8.67 -2.70	121.53 -10.14 -1.73	151.28 -16.07 0.00	156.14 -17.93 0.00	154.65 -17.57 0.00	120.55 -12.99 -3.64	100.75 -10.03 -1.74	94.59 -8.19 -2.85	94.39 -8.46 -2.13	91.14 -8.57 -2.29	94.40 -8.16 -1.74	99.04 -8.46 -3.07	106.25 -9.45 -4.48	128.21 -9.95 -5.52	126.42 -10.98 -5.04	105.19 -11.36 -7.35	99.49 -10.27 -7.04	101.81 -11.29 -2.44	93.69 -9.34 -2.52	96.58 -7.93 -4.21
LOCKPORT___CC3 323771	101.14 -5.93 -6.56	96.36 -6.29 -5.88	93.54 -7.32 -3.30	104.86 -9.34 -1.69	105.19 -8.67 -2.70	121.53 -10.14 -1.73	151.28 -16.07 0.00	156.14 -17.93 0.00	154.65 -17.57 0.00	120.55 -12.99 -3.64	100.75 -10.03 -1.74	94.59 -8.19 -2.85	94.39 -8.46 -2.13	91.14 -8.57 -2.29	94.40 -8.16 -1.74	99.04 -8.46 -3.07	106.25 -9.45 -4.48	128.21 -9.95 -5.52	126.42 -10.98 -5.04	105.19 -11.36 -7.35	99.49 -10.27 -7.04	101.81 -11.29 -2.44	93.69 -9.34 -2.52	96.58 -7.93 -4.21
LONG_LAKE_PHOENIX 24014	102.47 -1.51 -3.47	98.24 -1.65 -3.11	97.44 -1.85 -1.75	111.04 -2.36 -0.90	110.37 -2.22 -1.43	128.64 -2.21 -0.92	164.17 -3.18 0.00	170.94 -3.13 0.00	169.12 -3.10 0.00	129.75 -2.08 -1.93	107.29 -1.74 0.00	99.95 -1.50 -1.51	100.23 -1.61 -1.13	97.08 -1.56 -1.22	100.24 -1.51 -0.93	104.60 -1.46 -1.63	111.26 -1.45 -1.47	133.17 -1.06 -1.59	131.71 -1.19 -0.53	110.22 -1.53 -2.56	104.58 -1.34 -3.19	108.89 -1.77 0.00	98.90 -1.61 0.00	101.02 -1.50 -2.23
LOVETT___3 23632	147.64 6.23 -40.90	139.35 5.90 -36.68	124.10 5.95 -20.60	130.04 6.98 -10.56	135.01 7.00 -16.84	148.78 8.06 -10.79	176.22 8.87 0.00	187.91 9.40 -4.44	182.03 9.82 0.00	161.62 8.96 -22.76	126.73 7.20 -10.50	124.24 6.50 -17.81	120.69 6.65 -13.33	118.10 6.33 -14.34	118.59 6.86 -10.92	130.61 7.00 -19.18	146.43 7.56 -27.64	176.16 9.55 -33.96	172.25 9.27 -30.62	162.07 7.42 -45.46	153.29 6.88 -43.68	132.68 7.30 -14.72	122.27 6.53 -15.23	132.65 6.12 -26.23
LOVETT___4 23642	147.64 6.23 -40.90	139.35 5.90 -36.68	124.10 5.95 -20.60	130.04 6.98 -10.56	135.01 7.00 -16.84	148.78 8.06 -10.79	176.22 8.87 0.00	187.91 9.40 -4.44	182.03 9.82 0.00	161.62 8.96 -22.76	126.73 7.20 -10.50	124.24 6.50 -17.81	120.69 6.65 -13.33	118.10 6.33 -14.34	118.59 6.86 -10.92	130.61 7.00 -19.18	146.43 7.56 -27.64	176.16 9.55 -33.96	172.25 9.27 -30.62	162.07 7.42 -45.46	153.29 6.88 -43.68	132.68 7.30 -14.72	122.27 6.53 -15.23	132.65 6.12 -26.23
LOVETT___5 23593	147.64 6.23 -40.90	139.35 5.90 -36.68	124.10 5.95 -20.60	130.04 6.98 -10.56	135.01 7.00 -16.84	148.78 8.06 -10.79	176.22 8.87 0.00	187.91 9.40 -4.44	182.03 9.82 0.00	161.62 8.96 -22.76	126.73 7.20 -10.50	124.24 6.50 -17.81	120.69 6.65 -13.33	118.10 6.33 -14.34	118.59 6.86 -10.92	130.61 7.00 -19.18	146.43 7.56 -27.64	176.16 9.55 -33.96	172.25 9.27 -30.62	162.07 7.42 -45.46	153.29 6.88 -43.68	132.68 7.30 -14.72	122.27 6.53 -15.23	132.65 6.12 -26.23
LOWER RAQUET___HYD 24057	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.02 0.00	108.39 -2.77 0.00	125.52 -4.42 0.00	161.66 -5.69 0.00	168.67 -5.40 0.00	166.36 -5.86 0.00	123.80 -6.10 0.00	103.81 -5.23 0.00	94.24 -5.69 0.00	95.08 -5.64 0.00	92.07 -5.36 0.00	95.08 -5.74 0.00	97.86 -6.58 0.00	104.33 -6.90 0.00	122.83 -9.81 0.00	123.10 -9.27 0.00	102.52 -6.66 0.00	97.07 -5.65 0.00	106.56 -4.09 0.00	96.79 -3.72 0.00	97.09 -3.21 0.00
LOWER___HUDSON 24059	159.35 6.23 -52.60	149.85 5.90 -47.17	130.00 5.95 -26.50	132.84 6.75 -13.59	139.61 6.78 -21.66	151.87 8.06 -13.88	177.05 9.70 0.00	224.48 10.09 -40.32	182.20 9.98 0.00	167.23 8.06 -29.27	155.90 6.98 -39.88	129.04 6.20 -22.91	124.00 6.14 -17.14	121.71 5.85 -18.44	121.11 6.25 -14.04	135.79 6.69 -24.67	179.73 7.12 -61.38	223.34 8.75 -81.94	241.60 8.73 -100.50	212.79 6.88 -96.72	180.55 6.37 -71.45	173.55 6.98 -55.91	164.69 6.34 -57.85	140.16 6.12 -33.74
LOWVILLE_115KV_TB2 356335	103.02 1.01 -1.51	99.09 0.97 -1.35	99.38 1.07 -0.76	115.25 2.36 -0.39	114.12 2.33 -0.62	133.58 3.25 -0.40	172.20 4.85 0.00	179.99 5.92 0.00	177.55 5.34 0.00	133.73 2.99 -0.84	111.55 2.51 0.00	102.49 1.90 -0.66	103.02 1.81 -0.49	99.71 1.75 -0.53	103.14 1.92 -0.40	107.54 2.40 -0.71	113.98 2.11 -0.64	136.65 3.32 -0.69	135.91 3.31 -0.23	113.58 3.28 -1.11	106.98 2.88 -1.38	113.76 3.10 0.00	103.02 2.51 0.00	103.68 2.41 -0.97
LUTHERFT_115KV_GLOB_FND_222 355753	161.72 7.64 -53.58	152.07 7.26 -48.04	131.76 7.22 -26.99	134.55 8.21 -13.84	141.56 8.34 -22.06	154.07 10.00 -14.13	179.90 12.55 0.00	235.89 13.06 -48.76	185.13 12.92 0.00	169.72 10.00 -29.82	163.76 8.29 -46.44	130.66 7.40 -23.33	125.53 7.35 -17.46	123.23 7.01 -18.78	122.58 7.46 -14.30	137.70 8.15 -25.13	188.34 8.90 -68.21	235.42 10.88 -91.90	259.07 10.85 -115.85	224.77 8.63 -106.95	186.98 8.12 -76.14	184.39 8.63 -65.11	175.71 7.84 -67.36	142.29 7.62 -34.36

LUTHERNY_35_KV_BK2 355980	161.82 7.74 -53.58	152.17 7.35 -48.04	131.85 7.32 -26.99	134.66 8.33 -13.84	141.67 8.45 -22.06	154.20 10.13 -14.13	180.07 12.72 0.00	236.06 13.23 -48.76	185.30 13.09 0.00	169.85 10.13 -29.82	163.87 8.40 -46.44	130.76 7.50 -23.33	125.53 7.35 -17.46	123.23 7.01 -18.78	122.68 7.56 -14.30	137.81 8.25 -25.13	188.45 9.01 -68.21	235.55 11.01 -91.90	259.20 10.99 -115.85	224.88 8.74 -106.95	187.08 8.22 -76.14	184.50 8.74 -65.11	175.81 7.94 -67.36	142.39 7.72 -34.36
LWR___OSWEGATCHIE_HYD 23850	99.52 -2.11 -1.12	95.84 -1.94 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.74 -0.89 -0.46	128.93 -1.30 -0.30	166.01 -1.34 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	128.18 -2.34 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.52	108.92 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.31 -0.17	107.94 -2.07 -0.83	101.70 -2.05 -1.03	109.66 -1.00 0.00	99.40 -1.11 0.00	100.12 -0.90 -0.72
LYONS_FALL_HYD 23570	103.83 1.90 -1.41	99.87 1.83 -1.27	100.11 1.85 -0.71	115.68 2.81 -0.36	114.63 2.89 -0.58	134.20 3.89 -0.37	172.86 5.51 0.00	180.51 6.44 0.00	178.07 5.86 0.00	134.46 3.77 -0.79	112.20 3.16 0.00	103.25 2.70 -0.62	103.79 2.61 -0.46	100.36 2.44 -0.50	103.82 2.62 -0.38	108.13 3.03 -0.66	114.94 3.11 -0.60	137.81 4.51 -0.65	136.94 4.36 -0.22	114.05 3.82 -1.04	107.41 3.38 -1.30	114.20 3.54 0.00	103.52 3.01 0.00	104.01 2.80 -0.91
MADISON___COUNTY_LFGE 323628	106.53 3.52 -2.50	102.31 3.29 -2.24	101.93 3.12 -1.26	116.75 3.60 -0.65	115.98 3.78 -1.03	135.79 5.20 -0.66	174.21 6.86 0.00	181.55 7.48 0.00	179.28 7.06 0.00	136.36 5.07 -1.39	113.40 4.36 0.00	104.82 3.80 -1.09	105.26 3.73 -0.81	101.91 3.60 -0.88	105.32 3.83 -0.67	109.89 4.28 -1.17	116.85 4.56 -1.06	140.03 6.23 -1.15	138.84 6.09 -0.38	115.62 4.59 -1.85	109.23 4.21 -2.30	114.86 4.20 0.00	104.13 3.62 0.00	105.42 3.51 -1.60
MALONE___115KV_TB1 356076	98.70 -1.81 0.00	95.32 -1.45 0.00	96.77 -0.78 0.00	112.28 -0.23 0.00	110.50 -0.67 0.00	128.37 -1.56 0.00	166.18 -1.17 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	127.43 -2.47 0.00	106.97 -2.07 0.00	97.04 -2.90 0.00	98.00 -2.72 0.00	94.80 -2.63 0.00	97.80 -3.02 0.00	100.88 -3.55 0.00	107.78 -3.45 0.00	127.21 -5.44 0.00	127.73 -4.63 0.00	106.13 -3.06 0.00	99.95 -2.77 0.00	109.00 -1.66 0.00	98.70 -1.81 0.00	99.10 -1.20 0.00
MAPLEWOD_115KV_TB3 80458	158.23 5.43 -52.30	148.90 5.23 -46.90	128.87 4.98 -26.34	131.63 5.63 -13.51	138.26 5.56 -21.53	150.23 6.50 -13.80	175.04 7.70 0.00	214.24 7.83 -32.34	180.31 8.09 0.00	165.76 6.75 -29.10	148.95 6.22 -33.70	128.51 5.80 -22.78	123.40 5.64 -17.04	121.22 5.46 -18.34	120.32 5.55 -13.96	134.81 5.85 -24.53	172.43 6.01 -55.20	212.78 7.30 -72.84	225.65 7.15 -86.14	202.40 5.68 -87.53	175.66 5.34 -67.59	163.66 5.75 -47.25	154.82 5.43 -48.89	139.16 5.32 -33.54
MAPLE_RIDGE_WT_1 323574	98.70 -1.81 0.00	95.22 -1.55 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	110.05 -1.11 0.00	128.38 -1.55 0.00	165.84 -1.51 0.00	172.67 -1.40 0.00	170.83 -1.38 0.00	128.35 -1.55 0.00	107.73 -1.30 0.00	98.53 -1.40 0.00	99.30 -1.41 0.00	96.06 -1.36 0.00	99.31 -1.51 0.00	102.76 -1.67 0.00	109.45 -1.78 0.00	130.12 -2.52 0.00	129.85 -2.52 0.00	107.44 -1.75 0.00	101.08 -1.65 0.00	109.11 -1.55 0.00	99.10 -1.41 0.00	99.00 -1.31 0.00
MAPLE_RIDGE_WT_2 323611	98.70 -1.81 0.00	95.22 -1.55 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	110.05 -1.11 0.00	128.38 -1.55 0.00	165.84 -1.51 0.00	172.67 -1.40 0.00	170.83 -1.38 0.00	128.35 -1.55 0.00	107.73 -1.30 0.00	98.53 -1.40 0.00	99.30 -1.41 0.00	96.06 -1.36 0.00	99.31 -1.51 0.00	102.76 -1.67 0.00	109.45 -1.78 0.00	130.12 -2.52 0.00	129.85 -2.52 0.00	107.44 -1.75 0.00	101.08 -1.65 0.00	109.11 -1.55 0.00	99.10 -1.41 0.00	99.00 -1.31 0.00
MARBLE_RIVER_WT_PWR 323696	98.10 -2.41 0.00	94.74 -2.04 0.00	96.09 -1.46 0.00	111.16 -1.35 0.00	109.50 -1.66 0.00	127.46 -2.47 0.00	164.66 -2.68 0.00	171.63 -2.44 0.00	169.29 -2.93 0.00	126.40 -3.50 0.00	105.99 -3.05 0.00	96.54 -3.40 0.00	97.29 -3.42 0.00	94.21 -3.21 0.00	97.29 -3.53 0.00	100.57 -3.86 0.00	107.23 -4.00 0.00	126.81 -5.83 0.00	127.07 -5.30 0.00	105.59 -3.60 0.00	99.54 -3.19 0.00	107.78 -2.88 0.00	97.70 -2.81 0.00	98.19 -2.11 0.00
MARSHVLE_115KV_TB1 80742	169.41 8.64 -60.26	158.94 8.13 -54.04	135.90 8.00 -30.35	137.18 9.11 -15.56	145.42 9.45 -24.81	157.65 11.82 -15.90	183.41 16.07 0.00	236.84 17.06 -45.71	188.06 15.84 0.00	173.96 10.52 -33.53	160.29 7.96 -43.29	132.47 6.30 -26.24	126.50 6.14 -19.64	124.30 5.75 -21.13	123.46 6.55 -16.08	140.94 8.25 -28.26	189.54 10.34 -67.97	236.44 13.40 -90.40	255.59 13.63 -109.59	227.33 10.81 -107.33	193.36 10.17 -80.47	181.87 10.51 -60.70	172.46 9.15 -62.80	147.68 8.73 -38.65
MARSH_HILL_WT_PWR 323713	108.41 -1.10 -9.00	103.29 -1.55 -8.07	99.84 -2.24 -4.53	111.68 -3.15 -2.32	112.32 -2.55 -3.71	130.36 -1.95 -2.37	165.17 -2.18 0.00	171.09 -4.18 -1.20	167.05 -5.16 0.00	130.10 -4.94 -5.14	108.57 -2.94 -2.47	101.16 -2.80 -4.02	100.80 -2.92 -3.01	97.74 -2.92 -3.24	100.77 -2.52 -2.46	106.67 -2.09 -4.33	116.67 -0.89 -6.34	140.86 0.40 -7.82	139.25 -0.26 -7.15	117.64 -1.96 -10.41	110.89 -1.54 -9.71	112.91 -1.21 -3.47	103.29 -0.81 -3.59	105.68 -0.40 -5.77
MCINTYRE_115KV_TB2 80467	97.80 -2.71 0.00	94.55 -2.23 0.00	96.28 -1.27 0.00	112.28 -0.23 0.00	110.39 -0.78 0.00	128.37 -1.56 0.00	166.51 -0.84 0.00	173.72 -0.35 0.00	171.01 -1.21 0.00	126.65 -3.25 0.00	105.98 -3.05 0.00	96.04 -3.90 0.00	96.89 -3.83 0.00	93.72 -3.70 0.00	96.79 -4.03 0.00	99.84 -4.60 0.00	106.67 -4.56 0.00	126.15 -6.50 0.00	126.41 -5.96 0.00	105.26 -3.93 0.00	99.03 -3.70 0.00	108.66 -1.99 0.00	98.40 -2.11 0.00	98.50 -1.81 0.00
MECO____69_KV_BK1 80468	169.42 10.96 -57.96	159.10 10.35 -51.97	136.89 10.15 -29.20	139.06 11.59 -14.97	146.92 11.89 -23.86	159.91 14.68 -15.29	187.09 19.75 0.00	243.85 20.71 -49.06	191.85 19.63 0.00	175.66 13.51 -32.25	165.70 10.47 -46.20	134.07 8.89 -25.24	128.37 8.76 -18.89	126.03 8.28 -20.32	125.36 9.07 -15.47	142.37 10.76 -27.18	193.75 12.68 -69.84	242.12 15.92 -93.56	264.61 16.28 -115.97	232.03 12.99 -109.84	194.98 12.22 -80.03	188.15 12.73 -64.77	178.78 11.26 -67.01	148.41 10.93 -37.17
MENANDS___115KV_TB5 355628	157.62 4.92 -52.19	148.31 4.74 -46.80	128.32 4.49 -26.29	131.04 5.06 -13.48	137.54 4.89 -21.48	149.42 5.72 -13.77	173.87 6.53 0.00	211.76 6.79 -30.90	179.10 6.89 0.00	164.92 5.98 -29.04	147.40 5.78 -32.59	128.06 5.40 -22.73	122.96 5.24 -17.01	120.79 5.07 -18.30	119.89 5.14 -13.93	134.23 5.33 -24.47	170.63 5.34 -54.06	210.18 6.37 -71.17	222.12 6.22 -83.54	199.94 4.91 -85.84	174.19 4.62 -66.85	161.44 5.09 -45.69	152.60 4.82 -47.27	138.59 4.81 -33.47
MG INDUSTRY___DRP 24185	156.29 4.72 -51.05	147.10 4.55 -45.78	127.56 4.29 -25.72	130.52 4.84 -13.18	136.85 4.67 -21.02	148.86 5.46 -13.47	173.71 6.36 0.00	198.16 6.09 -18.00	178.42 6.20 0.00	163.51 5.20 -28.41	136.40 4.80 -22.56	126.67 4.50 -22.24	121.79 4.43 -16.64	119.61 4.29 -17.90	118.78 4.34 -13.63	132.97 4.60 -23.94	159.77 4.78 -43.76	194.46 5.70 -56.11	198.19 5.69 -60.13	184.12 4.48 -70.46	167.04 4.31 -60.00	147.05 4.76 -31.63	137.76 4.52 -32.73	137.56 4.51 -32.74

MID___OSWEGATCHIE_HYD 23849	99.52 -2.11 -1.12	95.84 -1.94 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.74 -0.89 -0.46	128.93 -1.30 -0.30	166.01 -1.34 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	128.18 -2.34 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.52	108.92 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.31 -0.17	107.94 -2.07 -0.83	101.70 -2.05 -1.03	109.66 -1.00 0.00	99.40 -1.11 0.00	100.12 -0.90 -0.72
MID___RAQUETTE_HYD 23851	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.03 0.00	108.39 -2.78 0.00	125.52 -4.42 0.00	161.66 -5.69 0.00	168.67 -5.40 0.00	166.36 -5.86 0.00	123.79 -6.11 0.00	103.80 -5.23 0.00	94.24 -5.70 0.00	95.07 -5.64 0.00	92.07 -5.36 0.00	95.08 -5.75 0.00	97.85 -6.58 0.00	104.33 -6.90 0.00	122.83 -9.82 0.00	123.10 -9.27 0.00	102.53 -6.66 0.00	96.56 -6.16 0.00	106.56 -4.09 0.00	96.79 -3.72 0.00	97.09 -3.21 0.00
MILLIKEN___1 23584	111.77 2.31 -8.95	106.73 1.94 -8.02	103.71 1.66 -4.51	116.50 1.69 -2.31	116.63 1.78 -3.68	135.02 2.73 -2.36	170.86 3.51 0.00	179.17 3.83 -1.27	175.66 3.44 0.00	137.35 2.47 -4.98	113.75 2.18 -2.54	105.63 1.80 -3.90	105.34 1.71 -2.92	102.22 1.66 -3.14	105.02 1.81 -2.39	110.82 2.19 -4.20	120.40 2.89 -6.28	144.93 4.51 -7.78	143.98 4.37 -7.25	122.32 2.84 -10.29	115.09 2.67 -9.69	116.87 2.66 -3.55	106.40 2.21 -3.68	108.35 2.31 -5.74
MILLIKEN___2 23585	111.77 2.31 -8.95	106.73 1.94 -8.02	103.71 1.66 -4.51	116.50 1.69 -2.31	116.63 1.78 -3.68	135.02 2.73 -2.36	170.86 3.51 0.00	179.17 3.83 -1.27	175.66 3.44 0.00	137.35 2.47 -4.98	113.75 2.18 -2.54	105.63 1.80 -3.90	105.34 1.71 -2.92	102.22 1.66 -3.14	105.02 1.81 -2.39	110.82 2.19 -4.20	120.40 2.89 -6.28	144.93 4.51 -7.78	143.98 4.37 -7.25	122.32 2.84 -10.29	115.09 2.67 -9.69	116.87 2.66 -3.55	106.40 2.21 -3.68	108.35 2.31 -5.74
MILLIKEN___DIESEL 23629	111.77 2.31 -8.95	106.73 1.94 -8.02	103.71 1.66 -4.51	116.50 1.69 -2.31	116.63 1.78 -3.68	135.02 2.73 -2.36	170.86 3.51 0.00	179.17 3.83 -1.27	175.66 3.44 0.00	137.35 2.47 -4.98	113.75 2.18 -2.54	105.63 1.80 -3.90	105.34 1.71 -2.92	102.22 1.66 -3.14	105.02 1.81 -2.39	110.82 2.19 -4.20	120.40 2.89 -6.28	144.93 4.51 -7.78	143.98 4.37 -7.25	122.32 2.84 -10.29	115.09 2.67 -9.69	116.87 2.66 -3.55	106.40 2.21 -3.68	108.35 2.31 -5.74
MILLSEAT___LFGE 323607	103.60 -3.22 -6.31	98.65 -3.78 -5.66	95.95 -4.78 -3.18	107.83 -6.30 -1.63	108.32 -5.44 -2.60	125.36 -6.23 -1.66	156.81 -10.54 0.00	162.23 -11.84 0.00	160.50 -11.72 0.00	124.82 -8.58 -3.50	104.05 -6.65 -1.67	97.58 -5.09 -2.74	97.52 -5.24 -2.05	94.27 -5.36 -2.21	97.46 -5.04 -1.68	102.27 -5.11 -2.95	109.63 -5.90 -4.30	132.63 -5.31 -5.30	130.71 -6.48 -4.83	108.72 -7.53 -7.06	102.50 -6.99 -6.76	105.14 -7.85 -2.34	96.60 -6.33 -2.42	99.13 -5.22 -4.05
MILLWOOD_138_KV_38W41_REV_LBMP_H 345005	149.74 7.14 -42.10	141.30 6.77 -37.75	125.59 6.83 -21.21	131.36 7.99 -10.87	136.39 7.89 -17.33	150.40 9.36 -11.11	177.72 10.38 0.00	189.62 10.97 -4.59	183.58 11.37 0.00	163.59 10.26 -23.43	128.03 8.18 -10.82	125.76 7.50 -18.34	121.99 7.55 -13.72	119.49 7.31 -14.76	119.82 7.76 -11.24	132.22 8.04 -19.74	148.36 8.68 -28.46	178.49 10.88 -34.97	174.49 10.59 -31.54	164.40 8.41 -46.80	155.60 7.91 -44.97	134.23 8.41 -15.16	123.74 7.54 -15.69	134.33 7.02 -27.00
MILLWOOD_13_KV_LOAD 356217	149.95 7.34 -42.10	141.49 6.97 -37.75	125.78 7.02 -21.21	131.59 8.21 -10.87	136.72 8.23 -17.33	150.66 9.62 -11.11	178.22 10.88 0.00	190.14 11.49 -4.59	184.10 11.88 0.00	164.11 10.78 -23.43	128.47 8.61 -10.82	126.16 7.89 -18.34	122.39 7.96 -13.72	119.88 7.70 -14.76	120.22 8.17 -11.24	132.63 8.46 -19.74	148.69 9.01 -28.46	178.89 11.27 -34.97	175.02 11.12 -31.54	164.83 8.84 -46.80	156.01 8.32 -44.97	134.67 8.85 -15.16	124.04 7.84 -15.69	134.63 7.32 -27.00
MODEL_CITY_ENERGY 24167	100.91 -6.23 -6.63	96.14 -6.58 -5.95	93.28 -7.61 -3.34	104.54 -9.68 -1.71	104.90 -9.00 -2.73	121.03 -10.65 -1.75	150.61 -16.73 0.00	155.45 -18.62 0.00	153.96 -18.26 0.00	120.07 -13.51 -3.68	100.23 -10.57 -1.76	94.12 -8.70 -2.88	93.91 -8.96 -2.16	90.78 -8.96 -2.32	93.92 -8.67 -1.76	98.66 -8.88 -3.10	105.75 -10.01 -4.53	127.75 -10.48 -5.59	125.82 -11.65 -5.10	104.73 -11.90 -7.44	99.06 -10.78 -7.12	101.29 -11.84 -2.47	93.22 -9.85 -2.56	96.23 -8.32 -4.26
MODERN_LFGE___ 323580	100.91 -6.23 -6.63	96.14 -6.58 -5.95	93.28 -7.61 -3.34	104.54 -9.68 -1.71	104.90 -9.00 -2.73	121.03 -10.65 -1.75	150.61 -16.73 0.00	155.45 -18.62 0.00	153.96 -18.26 0.00	120.07 -13.51 -3.68	100.23 -10.57 -1.76	94.12 -8.70 -2.88	93.91 -8.96 -2.16	90.78 -8.96 -2.32	93.92 -8.67 -1.76	98.66 -8.88 -3.10	105.75 -10.01 -4.53	127.75 -10.48 -5.59	125.82 -11.65 -5.10	104.73 -11.90 -7.44	99.06 -10.78 -7.12	101.29 -11.84 -2.47	93.22 -9.85 -2.56	96.23 -8.32 -4.26
MOHAWK_PAPER___DRP 24187	158.23 5.43 -52.30	148.90 5.23 -46.90	128.87 4.98 -26.34	131.63 5.63 -13.51	138.26 5.56 -21.53	150.23 6.50 -13.80	175.04 7.70 0.00	214.24 7.83 -32.34	180.31 8.09 0.00	165.76 6.75 -29.10	148.95 6.22 -33.70	128.51 5.80 -22.78	123.40 5.64 -17.04	121.22 5.46 -18.34	120.32 5.55 -13.96	134.81 5.85 -24.53	172.43 6.01 -55.20	212.78 7.30 -72.84	225.65 7.15 -86.14	202.40 5.68 -87.53	175.66 5.34 -67.59	163.66 5.75 -47.25	154.82 5.43 -48.89	139.16 5.32 -33.54
MOHICAN___35_KV_115KV_LD 80490	163.29 9.15 -53.63	153.58 8.71 -48.09	133.25 8.68 -27.02	136.14 9.79 -13.85	143.25 10.00 -22.08	156.17 12.08 -14.15	183.08 15.73 0.00	240.13 16.88 -49.18	189.95 17.74 0.00	173.12 13.38 -29.85	166.59 10.79 -46.76	132.88 9.59 -23.36	127.66 9.47 -17.48	125.29 9.06 -18.80	124.31 9.17 -14.31	139.71 10.13 -25.15	190.79 11.01 -68.55	238.57 13.53 -92.39	262.60 13.63 -116.61	227.46 10.81 -107.46	189.27 10.17 -76.38	186.95 10.73 -65.56	177.99 9.65 -67.83	144.13 9.43 -34.40
MONGAUP___HYD 23641	145.78 6.63 -38.64	137.71 6.29 -34.65	123.35 6.34 -19.46	129.69 7.21 -9.98	134.41 7.34 -15.91	147.66 7.53 -10.19	175.88 8.53 0.00	187.13 8.87 -4.18	181.34 9.12 0.00	159.20 7.79 -21.50	124.62 5.67 -9.92	122.66 5.89 -16.83	119.25 5.94 -12.59	116.62 5.65 -13.55	117.39 6.25 -10.31	129.34 6.78 -18.12	144.35 7.01 -26.11	174.01 9.28 -32.09	170.55 9.26 -28.93	159.45 7.32 -42.94	150.77 6.78 -41.27	132.54 7.97 -13.91	121.93 7.03 -14.39	131.60 6.52 -24.78
MONTAUK___DIESEL 23721	158.28 13.87 -43.91	154.27 13.16 -44.33	151.66 13.17 -40.94	151.64 15.19 -23.95	154.85 15.34 -28.34	159.74 17.41 -12.40	193.89 22.42 -4.12	229.91 23.33 -32.52	203.37 23.59 -7.56	172.45 17.67 -24.89	156.29 14.72 -32.53	148.72 12.19 -36.59	146.72 12.19 -33.82	146.75 11.79 -37.54	145.93 12.60 -32.50	154.69 13.68 -36.58	170.65 16.13 -43.29	203.09 19.50 -50.94	200.53 19.19 -48.97	185.23 15.50 -60.54	164.40 14.59 -47.09	155.32 14.50 -30.16	153.36 12.76 -40.09	148.40 11.94 -36.16
MOONROAD_115KV_HARTFLD_TB1-2 355988	106.59 -1.51 -7.59	101.45 -2.13 -6.80	97.96 -3.41 -3.82	109.74 -4.73 -1.96	110.51 -3.78 -3.12	127.91 -4.03 -2.00	161.82 -5.52 0.00	169.20 -4.87 0.00	167.39 -4.82 0.00	129.96 -4.16 -4.22	109.56 -1.53 -2.04	101.54 -1.70 -3.30	101.27 -1.91 -2.47	97.26 -2.83 -2.66	100.43 -2.42 -2.02	105.59 -2.40 -3.56	113.34 -3.11 -5.22	136.83 -2.25 -6.44	134.83 -3.44 -5.90	112.63 -5.13 -8.57	106.67 -4.21 -8.16	109.21 -4.32 -2.87	100.16 -3.32 -2.97	101.96 -3.21 -4.86

MORRIS_RIDGE___SOLAR 323848	106.59 -2.61 -8.69	101.47 -3.10 -7.80	98.12 -3.81 -4.38	109.69 -5.06 -2.25	110.30 -4.45 -3.58	127.56 -4.67 -2.29	160.82 -6.53 0.00	167.22 -8.00 -1.15	163.44 -8.78 0.00	127.21 -7.54 -4.85	106.18 -5.23 -2.37	99.04 -4.70 -3.80	98.72 -4.83 -2.84	95.71 -4.77 -3.06	98.82 -4.33 -2.33	104.34 -4.18 -4.09	113.36 -3.90 -6.02	136.77 -3.31 -7.44	135.10 -4.10 -6.84	113.84 -5.24 -9.89	107.47 -4.62 -9.37	109.34 -4.64 -3.33	100.34 -3.61 -3.44	102.87 -3.01 -5.58
MORTIMER_115KV_TB3 55949	104.26 -1.61 -5.36	99.55 -2.03 -4.81	97.62 -2.63 -2.70	110.29 -3.60 -1.38	110.26 -3.11 -2.21	127.97 -3.38 -1.41	160.65 -6.69 0.00	166.58 -7.49 0.00	164.81 -7.41 0.00	128.21 -4.68 -2.98	106.50 -3.93 -1.39	99.67 -2.60 -2.34	99.84 -2.62 -1.75	96.48 -2.83 -1.88	99.63 -2.62 -1.43	104.34 -2.61 -2.51	111.86 -3.00 -3.63	134.86 -2.25 -4.47	133.36 -3.04 -4.04	111.12 -4.04 -5.97	105.07 -3.39 -5.73	107.95 -4.65 -1.94	98.80 -3.72 -2.01	100.93 -2.81 -3.44
MOTTHAVN_138_KV_9M4_REV_LBMP_J 345006	151.32 8.44 -42.37	142.70 7.94 -37.99	126.89 8.00 -21.34	141.82 9.23 -20.09	141.94 9.23 -21.54	152.04 10.91 -11.19	179.40 12.05 0.00	191.39 12.71 -4.61	185.48 13.26 0.00	180.20 11.95 -38.35	159.45 9.38 -41.04	159.54 8.59 -51.01	156.90 8.76 -47.42	154.62 8.38 -48.82	155.02 8.97 -45.22	156.84 9.19 -43.22	172.65 9.90 -51.52	192.54 12.34 -47.55	176.15 12.05 -31.74	165.90 9.61 -47.11	157.03 9.04 -45.26	148.15 9.63 -27.87	146.20 8.54 -37.15	147.00 8.02 -38.67
MUNSVILLE_WIND_PWR 323609	125.32 9.55 -15.26	119.26 8.81 -13.68	113.43 8.20 -7.69	125.78 9.33 -3.94	126.89 9.44 -6.28	146.70 12.74 -4.03	184.91 17.57 0.00	196.13 18.98 -3.08	189.60 17.39 0.00	150.60 12.21 -8.50	125.13 10.80 -5.29	115.47 8.89 -6.65	114.25 8.56 -4.98	110.96 8.18 -5.35	113.77 8.87 -4.07	121.72 10.13 -7.16	135.13 12.24 -11.66	164.96 17.64 -14.67	164.58 17.61 -14.61	141.68 13.54 -18.96	132.24 12.42 -17.09	130.69 12.61 -7.42	118.95 10.76 -7.68	120.52 10.43 -9.79
N SALMON___HYD 24042	98.70 -1.81 0.00	95.32 -1.45 0.00	96.77 -0.78 0.00	112.28 -0.22 0.00	110.50 -0.66 0.00	128.38 -1.55 0.00	166.18 -1.16 0.00	173.55 -0.52 0.00	171.02 -1.20 0.00	127.43 -2.47 0.00	106.96 -2.08 0.00	97.03 -2.90 0.00	98.00 -2.71 0.00	94.80 -2.63 0.00	97.80 -3.02 0.00	100.88 -3.55 0.00	107.78 -3.45 0.00	127.34 -5.31 0.00	127.73 -4.64 0.00	106.13 -3.06 0.00	100.26 -2.47 0.00	109.00 -1.66 0.00	98.70 -1.81 0.00	99.10 -1.20 0.00
N.AKRON__115KV_KNAPP 355671	103.44 -3.42 -6.35	98.50 -3.97 -5.70	95.77 -4.98 -3.20	107.62 -6.53 -1.64	108.00 -5.78 -2.61	124.98 -6.63 -1.68	156.30 -11.04 0.00	161.71 -12.36 0.00	159.82 -12.40 0.00	124.60 -8.83 -3.53	103.85 -6.87 -1.68	97.30 -5.40 -2.77	97.25 -5.54 -2.07	94.00 -5.65 -2.23	97.17 -5.34 -1.70	101.98 -5.43 -2.98	109.34 -6.23 -4.34	132.29 -5.70 -5.34	130.22 -7.02 -4.87	108.46 -7.86 -7.13	102.65 -6.88 -6.81	104.82 -8.19 -2.35	96.41 -6.53 -2.44	98.96 -5.42 -4.07
N.BELMOR_69_KV_BK1 55787	161.56 9.95 -51.10	158.43 9.39 -52.27	154.92 9.46 -47.91	154.57 11.03 -31.04	156.91 10.89 -34.85	160.58 12.60 -18.04	189.65 14.89 -7.41	222.25 15.67 -32.52	197.18 16.02 -8.95	172.65 13.38 -29.37	159.20 11.12 -39.04	154.30 10.09 -44.28	152.86 10.27 -41.87	152.84 9.84 -45.58	150.64 10.49 -39.33	158.54 10.86 -43.25	173.75 11.79 -50.73	215.25 14.59 -68.01	209.68 14.43 -62.89	200.20 11.57 -79.43	169.07 10.68 -55.67	161.08 11.40 -39.02	159.95 10.25 -49.19	153.98 9.73 -43.95
N.E_GEN_SANDY PD 24062	154.62 6.44 -47.67	145.72 6.20 -42.75	127.90 6.34 -24.01	132.02 7.21 -12.31	138.01 7.22 -19.63	149.00 8.44 -10.62	179.00 9.70 -1.95	196.43 9.92 -12.45	182.20 9.98 0.00	165.00 8.57 -26.53	134.11 7.31 -17.77	127.19 6.49 -20.76	122.60 6.35 -15.54	120.28 6.14 -16.71	120.20 6.65 -12.72	133.79 7.00 -22.36	156.20 7.34 -37.63	189.54 9.28 -47.61	190.00 9.13 -48.51	177.40 7.20 -61.01	163.51 6.67 -54.12	142.87 7.30 -24.92	132.92 6.63 -25.78	137.20 6.32 -30.57
N.HEMPST_138_KV_BK345_REV_LBMP_G 345014	147.87 6.53 -40.82	139.48 6.10 -36.61	124.36 6.24 -20.56	130.25 7.20 -10.54	135.20 7.23 -16.81	149.15 8.45 -10.77	176.55 9.20 0.00	188.25 9.75 -4.43	182.55 10.33 0.00	161.97 9.35 -22.72	126.93 7.41 -10.48	124.41 6.70 -17.78	120.87 6.85 -13.31	118.27 6.53 -14.31	118.77 7.06 -10.89	130.78 7.21 -19.14	146.60 7.79 -27.59	176.36 9.82 -33.90	172.59 9.66 -30.56	162.31 7.75 -45.37	153.51 7.19 -43.60	132.99 7.64 -14.69	122.55 6.83 -15.20	132.80 6.32 -26.18
N.QUEENS_27_KV_LOAD 356247	152.63 9.75 -42.37	144.06 9.29 -37.99	128.07 9.17 -21.35	141.95 9.56 -19.89	142.17 9.56 -21.45	152.43 11.30 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.99 13.78 0.00	176.34 12.47 -33.97	157.33 9.92 -38.37	157.15 9.09 -48.12	155.18 9.17 -45.30	152.87 8.77 -46.68	153.28 9.38 -43.08	155.79 9.61 -41.75	171.18 10.46 -49.49	191.96 12.87 -46.45	176.68 12.57 -31.74	166.45 10.15 -47.10	157.33 9.35 -45.26	147.92 10.18 -27.08	145.34 9.05 -35.79	146.87 8.63 -37.94
N.TROY___115KV_TB1 355778	159.34 6.23 -52.60	149.85 5.90 -47.17	130.00 5.95 -26.50	132.84 6.75 -13.59	139.60 6.78 -21.66	151.87 8.06 -13.88	177.05 9.71 0.00	224.48 10.10 -40.32	182.20 9.99 0.00	167.23 8.05 -29.27	155.89 6.98 -39.88	129.04 6.20 -22.91	124.00 6.14 -17.14	121.72 5.85 -18.44	121.11 6.25 -14.04	135.78 6.68 -24.67	179.73 7.12 -61.38	223.34 8.75 -81.94	241.47 8.60 -100.50	212.79 6.88 -96.72	180.65 6.47 -71.45	173.54 6.97 -55.91	164.69 6.33 -57.85	140.16 6.12 -33.74
NARROWS_GT1_1 24228	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_2 24229	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_3 24230	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_4 24231	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54

NARROWS_GT1_5 24232	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_6 24233	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_7 24234	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT1_8 24235	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_1 24236	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_2 24237	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_3 24238	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_4 24239	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_5 24240	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_6 24241	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_7 24242	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NARROWS_GT2_8 24243	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NCATSKLL_69_KV_NC-LINE_REV_LBMP_G 345022	155.97 6.03 -49.43	146.91 5.81 -44.33	128.01 5.56 -24.90	131.34 6.08 -12.77	137.63 6.11 -20.35	150.12 7.15 -13.04	177.56 10.21 0.00	200.90 9.40 -17.43	182.72 10.51 0.00	164.29 6.88 -27.51	136.89 6.00 -21.85	126.76 5.30 -21.53	122.06 5.24 -16.11	119.82 5.07 -17.33	119.26 5.24 -13.19	133.57 5.95 -23.18	160.28 6.67 -42.38	195.34 8.36 -54.34	198.95 8.34 -58.24	184.08 6.66 -68.23	166.99 6.16 -58.10	147.94 6.64 -30.64	138.24 6.03 -31.70	138.02 6.02 -31.70
NCHELSEA_115KV_TR2 355582	150.73 7.84 -42.38	142.23 7.45 -38.00	126.41 7.51 -21.35	132.11 8.66 -10.94	137.28 8.67 -17.45	151.38 10.26 -11.18	179.23 11.88 0.00	191.37 12.53 -4.77	185.13 12.92 0.00	164.52 11.04 -23.58	128.77 8.72 -11.01	126.38 7.99 -18.46	122.58 8.06 -13.81	119.98 7.70 -14.86	120.50 8.37 -11.31	132.87 8.56 -19.87	149.44 9.45 -28.76	179.96 11.94 -35.37	176.17 11.78 -32.02	165.86 9.39 -47.28	156.89 8.83 -45.33	135.38 9.30 -15.43	124.82 8.34 -15.97	135.31 7.82 -27.18
NEG CAPITAL___MECHNVIL 23645	161.63 7.84 -53.28	152.00 7.45 -47.78	131.80 7.41 -26.84	134.70 8.44 -13.76	141.66 8.56 -21.93	154.25 10.26 -14.05	180.23 12.89 0.00	233.94 13.40 -46.47	185.66 13.44 0.00	169.94 10.40 -29.65	162.30 8.61 -44.65	130.83 7.70 -23.20	125.73 7.65 -17.36	123.42 7.31 -18.68	122.80 7.76 -14.22	137.87 8.46 -24.98	186.69 9.12 -66.34	233.09 11.27 -89.17	255.28 11.24 -111.67	222.29 8.96 -104.15	185.88 8.32 -74.84	182.22 8.96 -62.61	173.33 8.04 -64.78	142.30 7.83 -34.17

NEG CENTRAL_HIGH_ACRES 23767	102.88 -2.81 -5.18	98.23 -3.19 -4.65	96.45 -3.71 -2.61	109.12 -4.72 -1.34	109.08 -4.22 -2.13	126.75 -4.55 -1.37	159.65 -7.70 0.00	165.89 -8.18 0.00	164.12 -8.09 0.00	127.33 -5.45 -2.88	104.35 -4.69 0.00	98.79 -3.40 -2.26	98.88 -3.53 -1.69	95.74 -3.50 -1.82	98.78 -3.43 -1.38	103.31 -3.55 -2.43	109.53 -3.90 -2.20	131.71 -3.31 -2.37	129.19 -3.97 -0.80	108.44 -4.58 -3.83	103.18 -4.31 -4.77	105.35 -5.31 0.00	95.99 -4.52 0.00	99.92 -3.71 -3.32
NEG CENTRAL___DRP 24199	106.21 0.00 -5.70	101.50 -0.39 -5.11	99.64 -0.78 -2.87	112.40 -1.58 -1.47	112.18 -1.33 -2.35	130.66 -0.78 -1.50	166.01 -1.34 0.00	172.50 -1.57 0.00	170.32 -1.89 0.00	131.77 -1.30 -3.17	109.77 -0.76 -1.49	101.72 -0.70 -2.48	101.77 -0.81 -1.86	98.65 -0.78 -2.00	101.74 -0.60 -1.52	106.69 -0.42 -2.67	115.11 0.00 -3.88	138.09 0.66 -4.78	137.10 0.40 -4.34	115.02 -0.55 -6.38	108.32 -0.51 -6.11	111.87 -0.89 -2.09	102.17 -0.50 -2.17	103.76 -0.20 -3.66
NEG CENTRAL___INDECK 23768	110.06 2.01 -7.55	104.79 1.25 -6.77	101.94 0.59 -3.80	114.56 0.11 -1.95	115.06 0.78 -3.11	133.61 1.68 -1.99	168.68 1.33 0.00	169.38 -4.69 0.00	166.70 -5.52 0.00	129.58 -4.55 -4.23	107.81 -3.27 -2.04	100.64 -2.60 -3.31	100.48 -2.71 -2.48	97.36 -2.73 -2.66	100.53 -2.31 -2.03	106.12 -1.88 -3.56	114.55 -1.89 -5.22	138.95 -0.13 -6.43	137.46 -0.79 -5.89	115.35 -2.40 -8.57	111.76 0.92 -8.12	114.18 0.67 -2.85	104.26 0.80 -2.95	106.55 1.40 -4.84
NEG CENTRAL___SENECA 23627	107.14 0.30 -6.33	102.26 -0.19 -5.68	99.96 -0.78 -3.19	112.34 -1.80 -1.64	112.33 -1.45 -2.61	130.69 -0.91 -1.67	165.67 -1.67 0.00	172.33 -1.74 0.00	169.98 -2.24 0.00	131.73 -1.69 -3.52	109.85 -0.87 -1.68	101.89 -0.80 -2.76	101.87 -0.91 -2.06	98.77 -0.88 -2.22	101.81 -0.71 -1.69	106.98 -0.42 -2.97	115.78 0.22 -4.33	138.91 0.93 -5.34	137.76 0.53 -4.87	115.65 -0.66 -7.12	108.90 -0.62 -6.79	112.02 -1.00 -2.36	102.65 -0.30 -2.44	104.36 0.00 -4.06
NEG CENTRAL___STATE_STREET 24147	106.49 0.40 -5.58	101.88 0.10 -5.01	100.17 -0.20 -2.81	113.38 -0.56 -1.44	113.13 -0.33 -2.30	131.67 0.26 -1.47	167.51 0.17 0.00	174.42 0.35 0.00	172.39 0.17 0.00	133.27 0.26 -3.11	110.72 0.22 -1.47	102.67 0.30 -2.43	102.74 0.20 -1.82	99.58 0.19 -1.96	102.51 0.20 -1.49	107.57 0.52 -2.62	115.93 0.89 -3.81	139.19 1.86 -4.69	138.35 1.72 -4.26	116.10 0.66 -6.26	109.32 0.62 -5.98	113.05 0.33 -2.06	102.84 0.20 -2.13	104.19 0.30 -3.58
NEG MILLWOOD___DRP 24198	151.65 8.34 -42.80	143.08 7.94 -38.38	127.11 8.00 -21.56	132.78 9.23 -11.05	138.01 9.23 -17.62	152.27 11.04 -11.29	180.73 13.39 0.00	193.09 14.27 -4.75	186.68 14.47 0.00	166.19 12.47 -23.82	130.13 10.03 -11.06	127.77 9.19 -18.64	123.93 9.27 -13.95	121.30 8.87 -15.00	121.82 9.58 -11.42	134.42 9.92 -20.07	150.79 10.57 -28.99	181.69 13.40 -35.65	177.81 13.24 -32.21	167.45 10.59 -47.67	158.44 9.96 -45.75	136.68 10.51 -15.51	125.90 9.35 -16.05	136.48 8.73 -27.45
NEG NORTH_FLCN_SEA 23793	99.40 -1.11 0.00	96.00 -0.77 0.00	97.35 -0.20 0.00	112.73 0.23 0.00	110.94 -0.22 0.00	129.15 -0.78 0.00	165.84 -1.51 0.00	173.03 -1.04 0.00	170.49 -1.72 0.00	127.17 -2.73 0.00	106.64 -2.40 0.00	97.04 -2.90 0.00	97.89 -2.82 0.00	94.70 -2.73 0.00	97.70 -3.13 0.00	100.99 -3.45 0.00	107.78 -3.45 0.00	127.47 -5.17 0.00	127.86 -4.50 0.00	106.24 -2.95 0.00	99.95 -2.77 0.00	108.55 -2.10 0.00	98.30 -2.21 0.00	99.50 -0.80 0.00
NEG NORTH_KES_CHATEGAY 23792	98.00 -2.51 0.00	94.74 -2.03 0.00	96.09 -1.46 0.00	111.15 -1.35 0.00	109.50 -1.67 0.00	127.34 -2.60 0.00	164.84 -2.51 0.00	171.98 -2.09 0.00	169.63 -2.58 0.00	126.52 -3.38 0.00	106.09 -2.94 0.00	96.54 -3.40 0.00	97.39 -3.32 0.00	94.21 -3.22 0.00	97.19 -3.63 0.00	100.46 -3.97 0.00	107.22 -4.00 0.00	126.81 -5.84 0.00	127.07 -5.29 0.00	105.59 -3.60 0.00	99.33 -3.39 0.00	107.89 -2.77 0.00	97.80 -2.71 0.00	98.10 -2.21 0.00
NEG NORTH___ALICE_FALLS 23915	99.70 -0.80 0.00	96.29 -0.48 0.00	97.65 0.10 0.00	113.06 0.56 0.00	111.28 0.11 0.00	129.54 -0.39 0.00	167.01 -0.33 0.00	174.24 0.17 0.00	171.70 -0.52 0.00	128.08 -1.82 0.00	107.40 -1.64 0.00	97.64 -2.30 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.30 -2.52 0.00	101.61 -2.82 0.00	108.56 -2.67 0.00	128.40 -4.24 0.00	128.79 -3.57 0.00	107.00 -2.18 0.00	100.67 -2.05 0.00	109.33 -1.33 0.00	99.00 -1.51 0.00	99.80 -0.50 0.00
NEG NORTH___LWR_SARANAC 23913	99.70 -0.80 0.00	96.29 -0.48 0.00	97.65 0.10 0.00	113.06 0.56 0.00	111.28 0.11 0.00	129.54 -0.39 0.00	167.01 -0.33 0.00	174.24 0.17 0.00	171.70 -0.52 0.00	128.08 -1.82 0.00	107.40 -1.64 0.00	97.64 -2.30 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.30 -2.52 0.00	101.61 -2.82 0.00	108.56 -2.67 0.00	128.40 -4.24 0.00	128.79 -3.57 0.00	107.00 -2.18 0.00	100.67 -2.05 0.00	109.33 -1.33 0.00	99.00 -1.51 0.00	99.80 -0.50 0.00
NEG NORTH___PLATTSBURG 23628	99.70 -0.81 0.00	96.29 -0.48 0.00	97.65 0.10 0.00	113.07 0.57 0.00	111.28 0.11 0.00	129.55 -0.39 0.00	167.01 -0.33 0.00	174.24 0.17 0.00	171.70 -0.52 0.00	128.08 -1.82 0.00	107.41 -1.63 0.00	97.64 -2.29 0.00	98.50 -2.22 0.00	95.28 -2.14 0.00	98.40 -2.42 0.00	101.62 -2.81 0.00	108.56 -2.67 0.00	128.40 -4.25 0.00	128.80 -3.57 0.00	107.01 -2.18 0.00	100.88 -1.85 0.00	109.33 -1.32 0.00	99.00 -1.50 0.00	99.80 -0.50 0.00
NEG WEST_LEA_LOCKPORT 23791	101.14 -5.93 -6.56	96.36 -6.29 -5.88	93.54 -7.32 -3.30	104.86 -9.34 -1.69	105.19 -8.67 -2.70	121.53 -10.13 -1.73	151.28 -16.07 0.00	156.14 -17.93 0.00	154.48 -17.74 0.00	120.69 -12.86 -3.65	100.75 -10.03 -1.74	94.49 -8.29 -2.86	94.39 -8.46 -2.14	91.15 -8.57 -2.30	94.30 -8.27 -1.75	99.05 -8.46 -3.08	106.26 -9.45 -4.49	128.36 -9.82 -5.53	126.29 -11.12 -5.04	105.20 -11.36 -7.37	99.90 -9.86 -7.04	101.81 -11.29 -2.44	93.79 -9.25 -2.52	96.58 -7.92 -4.21
NEG WEST___LANCASTER 23811	102.08 -6.13 -7.70	97.20 -6.48 -6.91	93.92 -7.51 -3.88	105.04 -9.45 -1.99	105.67 -8.67 -3.17	121.83 -10.13 -2.03	156.64 -10.71 0.00	161.54 -12.53 0.00	159.64 -12.57 0.00	122.37 -11.82 -4.29	104.36 -6.76 -2.08	95.49 -7.79 -3.36	95.27 -7.96 -2.51	92.04 -8.09 -2.70	95.12 -7.76 -2.06	100.11 -7.94 -3.61	107.97 -8.56 -5.31	130.17 -9.02 -6.54	128.31 -10.06 -6.00	107.63 -10.26 -8.71	101.87 -9.14 -8.29	105.72 -7.86 -2.91	97.09 -6.43 -3.02	97.82 -7.42 -4.94
NEG_PENN_ALLEGHNY 23528	115.74 1.11 -14.12	110.21 0.77 -12.66	105.15 0.49 -7.11	116.49 0.34 -3.65	117.43 0.45 -5.81	134.58 0.92 -3.73	168.36 1.01 0.00	176.82 0.70 -2.05	173.08 0.87 0.00	138.41 0.65 -7.86	114.02 0.87 -4.12	106.79 0.70 -6.15	106.03 0.71 -4.60	102.97 0.59 -4.95	105.30 0.71 -3.77	111.89 0.83 -6.62	122.48 1.23 -10.03	147.34 2.25 -12.44	146.07 1.99 -11.72	126.47 0.87 -16.41	118.91 0.82 -15.37	117.43 0.99 -5.78	107.39 0.90 -5.98	110.36 1.00 -9.06
NEG___GEN_MONROE 24207	104.31 -1.61 -5.41	99.60 -2.03 -4.86	97.55 -2.73 -2.73	110.08 -3.83 -1.40	110.17 -3.22 -2.23	127.85 -3.51 -1.43	160.49 -6.86 0.00	165.89 -8.18 0.00	164.12 -8.09 0.00	127.46 -5.46 -3.01	105.64 -4.80 -1.40	98.89 -3.40 -2.36	99.05 -3.42 -1.76	95.82 -3.51 -1.90	98.94 -3.33 -1.44	103.52 -3.45 -2.54	110.90 -4.00 -3.67	133.84 -3.32 -4.51	132.21 -4.24 -4.08	110.20 -5.02 -6.03	104.10 -4.42 -5.79	106.76 -5.86 -1.97	97.92 -4.62 -2.03	100.26 -3.51 -3.47

NEPA__ENERGY 23901	104.66 -3.12 -7.27	99.61 -3.68 -6.52	96.43 -4.78 -3.66	108.08 -6.30 -1.88	108.60 -5.56 -2.99	125.48 -6.37 -1.92	157.81 -9.54 0.00	163.45 -10.62 0.00	161.54 -10.68 0.00	125.76 -8.18 -4.04	105.64 -5.34 -1.95	98.30 -4.80 -3.16	98.15 -4.94 -2.37	94.81 -5.16 -2.55	97.92 -4.84 -1.94	102.93 -4.91 -3.41	110.66 -5.56 -4.99	133.63 -5.17 -6.16	131.65 -6.35 -5.64	109.85 -7.53 -8.20	104.27 -6.27 -7.81	106.53 -6.86 -2.73	97.91 -5.43 -2.83	100.15 -4.81 -4.66
NEVERSINK__HYD 23608	145.31 7.24 -37.56	137.33 6.87 -33.69	123.50 7.03 -18.92	130.19 7.99 -9.70	134.74 8.11 -15.47	149.59 9.75 -9.91	178.88 11.54 0.00	191.32 12.36 -4.89	184.78 12.57 0.00	161.20 10.40 -20.91	127.28 7.96 -10.29	123.39 7.10 -16.36	120.11 7.15 -12.24	117.52 6.92 -13.17	118.20 7.36 -10.03	129.78 7.73 -17.62	146.25 9.01 -26.02	176.45 11.68 -32.13	173.64 11.65 -29.62	161.05 9.17 -42.69	151.74 8.52 -40.49	134.16 9.08 -14.43	123.37 7.94 -14.93	131.82 7.42 -24.09
NEWKRMKL_115KV_TB1 55635	157.22 4.52 -52.19	147.93 4.35 -46.80	127.84 4.00 -26.29	130.37 4.39 -13.48	136.88 4.22 -21.49	148.51 4.81 -13.77	172.87 5.52 0.00	209.19 5.57 -29.55	178.07 5.86 0.00	164.14 5.20 -29.04	145.93 5.34 -31.55	127.76 5.10 -22.73	122.76 5.04 -17.01	120.60 4.87 -18.30	119.39 4.64 -13.93	133.82 4.91 -24.48	168.95 4.67 -53.05	207.89 5.57 -69.67	218.94 5.43 -81.14	197.79 4.26 -84.34	172.98 4.01 -66.25	159.32 4.43 -44.24	150.60 4.32 -45.77	138.19 4.41 -33.47
NEWTON__FALLS_HYD 23847	99.52 -2.11 -1.12	95.84 -1.94 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.74 -0.89 -0.46	128.93 -1.30 -0.30	166.01 -1.34 0.00	173.55 -0.52 0.00	171.01 -1.21 0.00	128.18 -2.34 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.52	108.92 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.31 -0.17	107.94 -2.07 -0.83	101.70 -2.05 -1.03	109.66 -1.00 0.00	99.40 -1.11 0.00	100.12 -0.90 -0.72
NGRID_A1_DSASP 323792	101.86 -5.33 -6.68	97.15 -5.62 -5.99	94.19 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.14 -1.76	150.45 -16.90 0.00	155.10 -18.97 0.00	153.61 -18.60 0.00	120.09 -13.51 -3.71	100.24 -10.57 -1.78	94.24 -8.59 -2.90	94.02 -8.86 -2.17	90.80 -8.96 -2.33	94.13 -8.47 -1.78	98.68 -8.88 -3.12	105.78 -10.01 -4.57	127.79 -10.48 -5.63	125.86 -11.65 -5.14	104.79 -11.90 -7.50	99.11 -10.78 -7.17	101.19 -11.95 -2.49	93.24 -9.85 -2.58	96.47 -8.12 -4.29
NGRID_A2_DSASP 323793	101.86 -5.33 -6.68	97.15 -5.62 -5.99	94.19 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.14 -1.76	150.45 -16.90 0.00	155.10 -18.97 0.00	153.61 -18.60 0.00	120.09 -13.51 -3.71	100.24 -10.57 -1.78	94.24 -8.59 -2.90	94.02 -8.86 -2.17	90.80 -8.96 -2.33	94.13 -8.47 -1.78	98.68 -8.88 -3.12	105.78 -10.01 -4.57	127.79 -10.48 -5.63	125.86 -11.65 -5.14	104.79 -11.90 -7.50	99.11 -10.78 -7.17	101.19 -11.95 -2.49	93.24 -9.85 -2.58	96.47 -8.12 -4.29
NGRID_A4_DSASP 323807	101.86 -5.33 -6.68	97.15 -5.62 -5.99	94.19 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.14 -1.76	150.45 -16.90 0.00	155.10 -18.97 0.00	153.61 -18.60 0.00	120.09 -13.51 -3.71	100.24 -10.57 -1.78	94.24 -8.59 -2.90	94.02 -8.86 -2.17	90.80 -8.96 -2.33	94.13 -8.47 -1.78	98.68 -8.88 -3.12	105.78 -10.01 -4.57	127.79 -10.48 -5.63	125.86 -11.65 -5.14	104.79 -11.90 -7.50	99.11 -10.78 -7.17	101.19 -11.95 -2.49	93.24 -9.85 -2.58	96.47 -8.12 -4.29
NIAGARA_115E_LBMP 323715	100.57 -6.64 -6.70	95.81 -6.97 -6.01	92.93 -8.00 -3.37	104.22 -10.01 -1.73	104.47 -9.45 -2.76	120.53 -11.18 -1.77	149.78 -17.57 0.00	154.40 -19.67 0.00	152.93 -19.28 0.00	119.46 -14.16 -3.71	99.70 -11.12 -1.78	93.65 -9.19 -2.91	93.42 -9.47 -2.18	90.32 -9.45 -2.34	93.43 -9.17 -1.78	98.16 -9.40 -3.13	105.13 -10.68 -4.58	127.01 -11.28 -5.64	125.07 -12.45 -5.15	104.15 -12.55 -7.52	98.61 -11.30 -7.19	100.76 -12.39 -2.50	92.74 -10.35 -2.58	95.77 -8.83 -4.30
NIAGARA_115W_LBMP 323714	101.75 -5.43 -6.67	97.05 -5.71 -5.98	93.99 -6.92 -3.36	105.34 -8.89 -1.72	105.46 -8.45 -2.75	121.43 -10.27 -1.76	150.11 -17.23 0.00	154.74 -19.33 0.00	153.27 -18.94 0.00	119.83 -13.77 -3.70	100.01 -10.80 -1.77	94.03 -8.79 -2.90	93.82 -9.06 -2.17	90.70 -9.06 -2.33	94.03 -8.57 -1.77	98.46 -9.09 -3.12	105.56 -10.23 -4.56	127.53 -10.74 -5.62	125.58 -11.91 -5.13	104.55 -12.12 -7.49	98.99 -10.89 -7.16	100.97 -12.17 -2.49	93.03 -10.05 -2.57	96.26 -8.32 -4.28
NIAGARA_230_LBMP 323716	101.77 -5.33 -6.59	97.07 -5.62 -5.91	94.23 -6.64 -3.32	105.65 -8.55 -1.70	105.99 -7.89 -2.71	122.19 -9.48 -1.74	151.95 -15.39 0.00	156.50 -17.57 0.00	155.00 -17.22 0.00	121.21 -12.34 -3.66	101.08 -9.70 -1.75	95.00 -7.79 -2.86	94.79 -8.06 -2.14	91.64 -8.09 -2.30	94.81 -7.76 -1.75	99.47 -8.04 -3.08	106.72 -9.01 -4.50	128.78 -9.41 -5.55	126.97 -10.46 -5.06	105.66 -10.92 -7.39	99.93 -9.86 -7.07	102.27 -10.84 -2.45	94.10 -8.95 -2.54	97.21 -7.32 -4.23
NIAGARA__115KV_198_GIBSON 55903	101.75 -5.43 -6.67	97.05 -5.71 -5.98	94.08 -6.83 -3.36	105.45 -8.78 -1.72	105.46 -8.45 -2.75	121.43 -10.26 -1.76	150.11 -17.24 0.00	154.75 -19.32 0.00	153.27 -18.94 0.00	119.97 -13.64 -3.71	100.02 -10.79 -1.77	94.05 -8.79 -2.91	93.82 -9.06 -2.17	90.61 -9.16 -2.34	93.83 -8.77 -1.78	98.58 -8.98 -3.13	105.56 -10.23 -4.57	127.53 -10.74 -5.63	125.46 -12.05 -5.14	104.57 -12.12 -7.50	99.41 -10.48 -7.16	101.08 -12.06 -2.49	93.13 -9.95 -2.57	96.26 -8.33 -4.28
NIAGARA____ 23760	101.87 -5.33 -6.69	97.16 -5.62 -6.00	94.28 -6.64 -3.37	105.68 -8.55 -1.73	106.03 -7.89 -2.75	122.22 -9.48 -1.76	151.95 -15.39 0.00	156.50 -17.57 0.00	155.00 -17.22 0.00	121.25 -12.34 -3.69	101.10 -9.70 -1.77	95.03 -7.79 -2.89	94.82 -8.06 -2.16	91.67 -8.09 -2.33	94.83 -7.76 -1.77	99.51 -8.04 -3.11	106.76 -9.01 -4.54	128.82 -9.41 -5.59	127.01 -10.46 -5.11	105.72 -10.92 -7.45	100.00 -9.86 -7.14	102.30 -10.84 -2.48	94.13 -8.95 -2.57	97.27 -7.32 -4.29
NINE_MILE_1 23575	100.08 -3.12 -2.69	96.08 -3.10 -2.41	95.59 -3.32 -1.36	109.26 -3.94 -0.69	108.49 -3.78 -1.11	126.36 -4.28 -0.71	161.49 -5.86 0.00	167.97 -6.10 0.00	166.18 -6.03 0.00	127.11 -4.28 -1.50	105.44 -3.60 0.00	97.90 -3.20 -1.17	98.36 -3.23 -0.88	95.16 -3.21 -0.94	98.31 -3.23 -0.72	102.35 -3.35 -1.26	108.92 -3.45 -1.14	130.17 -3.71 -1.23	128.94 -3.84 -0.41	107.58 -3.60 -1.99	101.81 -3.39 -2.47	106.89 -3.76 0.00	97.09 -3.42 0.00	98.72 -3.31 -1.73
NINE_MILE_2 23744	100.08 -3.12 -2.69	96.08 -3.10 -2.41	95.59 -3.32 -1.35	109.26 -3.94 -0.69	108.49 -3.78 -1.11	126.36 -4.28 -0.71	161.49 -5.86 0.00	167.97 -6.10 0.00	166.18 -6.03 0.00	127.11 -4.28 -1.49	105.44 -3.60 0.00	97.90 -3.20 -1.17	98.36 -3.23 -0.87	95.15 -3.21 -0.94	98.31 -3.23 -0.72	102.45 -3.24 -1.26	108.92 -3.45 -1.14	130.16 -3.71 -1.23	128.93 -3.84 -0.41	107.67 -3.50 -1.98	101.80 -3.39 -2.47	106.89 -3.76 0.00	97.09 -3.42 0.00	98.72 -3.31 -1.72
NM_CAPITAL__DRP 24208	157.28 4.72 -52.05	147.99 4.55 -46.67	128.06 4.29 -26.22	130.78 4.84 -13.44	137.15 4.56 -21.43	148.99 5.33 -13.73	173.37 6.02 0.00	209.38 6.27 -29.05	178.59 6.37 0.00	164.58 5.72 -28.96	145.75 5.56 -31.15	127.80 5.20 -22.67	122.81 5.14 -16.96	120.64 4.97 -18.25	119.55 4.84 -13.89	133.96 5.12 -24.41	168.83 5.01 -52.60	207.65 5.97 -69.03	218.39 5.82 -80.20	197.43 4.59 -83.66	172.93 4.31 -65.89	159.10 4.76 -43.68	150.33 4.62 -45.19	138.30 4.61 -33.38

NM_CENTRAL___DRP 24181	103.47 -0.90 -3.86	99.17 -1.06 -3.47	98.23 -1.27 -1.95	111.81 -1.69 -1.00	111.20 -1.56 -1.59	129.52 -1.43 -1.02	165.17 -2.18 0.00	171.98 -2.09 0.00	169.98 -2.24 0.00	130.75 -1.30 -2.15	107.95 -1.09 0.00	100.72 -0.90 -1.68	101.07 -0.91 -1.26	97.81 -0.97 -1.36	100.95 -0.91 -1.03	105.41 -0.84 -1.81	112.09 -0.78 -1.64	134.15 -0.27 -1.77	132.43 -0.53 -0.59	111.06 -0.98 -2.86	105.46 -0.82 -3.55	109.44 -1.22 0.00	99.40 -1.11 0.00	101.78 -1.00 -2.48
NM_FRONTIER___DRP 24179	101.75 -5.43 -6.67	97.05 -5.71 -5.98	94.08 -6.83 -3.36	105.45 -8.78 -1.72	105.46 -8.45 -2.75	121.43 -10.26 -1.76	150.11 -17.24 0.00	154.75 -19.32 0.00	153.27 -18.94 0.00	119.97 -13.64 -3.71	100.02 -10.79 -1.77	94.05 -8.79 -2.91	93.82 -9.06 -2.17	90.61 -9.16 -2.34	93.83 -8.77 -1.78	98.58 -8.98 -3.13	105.56 -10.23 -4.57	127.53 -10.74 -5.63	125.46 -12.05 -5.14	104.57 -12.12 -7.50	99.41 -10.48 -7.16	101.08 -12.06 -2.49	93.13 -9.95 -2.57	96.26 -8.33 -4.28
NM_ST_REGIS___HYD 24053	96.79 -3.72 0.00	93.48 -3.29 0.00	95.21 -2.34 0.00	110.93 -1.58 0.00	108.94 -2.22 0.00	126.30 -3.64 0.00	162.83 -4.52 0.00	169.89 -4.18 0.00	167.57 -4.65 0.00	124.70 -5.20 0.00	104.68 -4.36 0.00	94.94 -5.00 0.00	95.88 -4.83 0.00	92.75 -4.68 0.00	95.68 -5.14 0.00	98.58 -5.85 0.00	105.11 -6.12 0.00	123.89 -8.75 0.00	124.29 -8.07 0.00	103.51 -5.68 0.00	97.48 -5.24 0.00	107.23 -3.43 0.00	97.29 -3.22 0.00	97.59 -2.71 0.00
NORTHPORT___1 23551	153.42 9.24 -43.67	149.74 8.90 -44.07	147.14 8.88 -40.71	146.79 10.57 -23.72	149.74 10.45 -28.13	153.84 11.70 -12.21	184.75 13.39 -4.01	220.52 13.93 -32.52	194.02 14.29 -7.52	166.58 11.94 -24.74	151.82 10.47 -32.31	145.87 9.59 -36.34	143.84 9.57 -33.56	143.96 9.26 -37.27	142.88 9.78 -32.28	150.92 10.13 -36.36	164.85 10.57 -43.04	196.15 13.13 -50.37	193.85 12.98 -48.51	179.36 10.26 -59.91	159.09 9.55 -46.81	151.15 10.62 -29.87	149.74 9.45 -39.79	145.23 9.03 -35.90
NORTHPORT___2 23552	153.42 9.24 -43.67	149.74 8.90 -44.07	147.14 8.88 -40.71	146.79 10.57 -23.72	149.74 10.45 -28.13	153.84 11.70 -12.21	184.75 13.39 -4.01	220.52 13.93 -32.52	194.02 14.29 -7.52	166.58 11.94 -24.74	151.82 10.47 -32.31	145.87 9.59 -36.34	143.84 9.57 -33.56	143.96 9.26 -37.27	142.88 9.78 -32.28	150.92 10.13 -36.36	164.85 10.57 -43.04	196.15 13.13 -50.37	193.85 12.98 -48.51	179.36 10.26 -59.91	159.09 9.55 -46.81	151.15 10.62 -29.87	149.74 9.45 -39.79	145.23 9.03 -35.90
NORTHPORT___3 23553	151.88 7.74 -43.63	148.06 7.26 -44.02	145.84 7.61 -40.67	145.06 8.89 -23.68	147.70 8.44 -28.09	151.07 8.96 -12.18	181.37 10.04 -3.98	217.02 10.44 -32.51	190.75 11.03 -7.50	164.08 9.48 -24.70	149.60 8.28 -32.28	144.43 8.20 -36.30	142.89 8.66 -33.51	142.93 8.28 -37.23	141.83 8.77 -32.24	149.00 8.25 -36.32	162.67 8.45 -42.99	193.53 10.62 -50.27	191.38 10.59 -48.42	177.28 8.29 -59.79	157.07 7.60 -46.75	149.00 8.52 -29.82	148.18 7.94 -39.73	144.08 7.92 -35.85
NORTHPORT___4 23650	151.88 7.74 -43.63	148.06 7.26 -44.02	145.84 7.61 -40.67	145.06 8.89 -23.68	147.70 8.44 -28.09	151.07 8.96 -12.18	181.37 10.04 -3.98	217.02 10.44 -32.51	190.75 11.03 -7.50	164.08 9.48 -24.70	149.60 8.28 -32.28	144.43 8.20 -36.30	142.89 8.66 -33.51	142.93 8.28 -37.23	141.83 8.77 -32.24	149.00 8.25 -36.32	162.67 8.45 -42.99	193.53 10.62 -50.27	191.38 10.59 -48.42	177.28 8.29 -59.79	157.07 7.60 -46.75	149.00 8.52 -29.82	148.18 7.94 -39.73	144.08 7.92 -35.85
NORTHPORT___IC 23718	153.42 9.25 -43.67	149.75 8.90 -44.07	147.14 8.88 -40.71	146.79 10.58 -23.72	149.74 10.45 -28.13	153.84 11.69 -12.21	184.75 13.39 -4.01	220.51 13.93 -32.52	194.03 14.29 -7.52	166.59 11.95 -24.74	151.82 10.47 -32.31	145.87 9.59 -36.34	143.84 9.57 -33.56	143.95 9.26 -37.27	142.88 9.78 -32.28	150.92 10.13 -36.36	164.84 10.57 -43.04	196.15 13.13 -50.37	193.71 12.84 -48.51	179.36 10.26 -59.91	159.08 9.55 -46.81	151.15 10.62 -29.87	149.74 9.45 -39.79	145.23 9.03 -35.90
NORTH___COUNTRY_ESR 323785	97.70 -2.81 0.00	94.45 -2.32 0.00	95.80 -1.75 0.00	110.82 -1.68 0.00	109.17 -2.00 0.00	127.07 -2.86 0.00	164.50 -2.85 0.00	171.46 -2.61 0.00	169.12 -3.09 0.00	126.13 -3.77 0.00	105.77 -3.27 0.00	96.34 -3.59 0.00	97.09 -3.62 0.00	94.01 -3.41 0.00	97.09 -3.73 0.00	100.25 -4.18 0.00	107.00 -4.23 0.00	126.41 -6.23 0.00	126.68 -5.69 0.00	105.36 -3.82 0.00	99.34 -3.39 0.00	107.56 -3.10 0.00	97.50 -3.01 0.00	97.89 -2.41 0.00
NPX_GEN_1385_PROXY 323591	152.02 7.84 -43.67	148.49 7.64 -44.07	145.67 7.41 -40.71	145.00 8.78 -23.72	149.08 9.78 -28.13	151.11 10.92 -10.26	186.37 13.06 -5.96	219.99 13.40 -32.52	191.96 12.23 -7.52	166.19 11.56 -24.74	150.83 9.48 -32.31	144.67 8.40 -36.34	141.62 7.35 -33.56	141.72 7.02 -37.27	140.97 7.87 -32.28	150.19 9.40 -36.36	164.06 9.79 -43.04	195.21 12.20 -50.37	193.04 12.17 -48.51	178.71 9.61 -59.91	158.37 8.84 -46.81	149.93 9.40 -29.87	148.74 8.44 -39.79	143.62 7.42 -35.90
NPX_GEN_CSC 323557	155.06 10.65 -43.90	151.16 10.06 -44.33	148.54 10.05 -40.94	148.04 11.59 -23.95	151.28 11.78 -28.34	153.76 13.39 -10.44	189.99 16.57 -6.07	223.65 17.07 -32.52	197.52 17.74 -7.56	168.55 13.76 -24.88	153.01 11.45 -32.52	145.71 9.19 -36.59	143.70 9.16 -33.82	143.73 8.77 -37.53	142.29 8.97 -32.50	151.25 10.24 -36.57	166.75 12.24 -43.29	197.63 14.05 -50.93	195.35 14.02 -48.96	181.07 11.36 -60.53	160.49 10.68 -47.08	151.11 10.29 -30.16	149.64 9.05 -40.08	144.78 8.32 -36.15
NSINS_S___GLNS_FALLS 23858	163.33 9.15 -53.67	153.51 8.61 -48.13	133.17 8.58 -27.04	136.04 9.68 -13.86	143.16 9.89 -22.10	156.05 11.95 -14.16	182.91 15.56 0.00	240.09 16.54 -49.48	189.61 17.39 0.00	172.89 13.12 -29.87	166.72 10.69 -47.00	132.80 9.49 -23.37	127.57 9.37 -17.49	125.11 8.87 -18.82	124.12 8.97 -14.32	139.63 10.03 -25.17	190.93 10.90 -68.80	238.67 13.26 -92.76	262.90 13.37 -117.16	227.73 10.70 -107.84	189.24 9.96 -76.55	187.06 10.51 -65.89	178.13 9.45 -68.18	143.95 9.23 -34.42
NUCOR_STEEL___DRP 24197	106.36 0.50 -5.35	101.76 0.19 -4.80	100.24 0.00 -2.69	113.55 -0.34 -1.38	113.26 -0.11 -2.20	131.73 0.39 -1.41	167.51 0.17 0.00	174.24 0.17 0.00	172.22 0.00 0.00	133.14 0.26 -2.98	110.65 0.22 -1.40	102.46 0.20 -2.33	102.66 0.20 -1.74	99.50 0.19 -1.88	102.45 0.20 -1.43	107.36 0.42 -2.51	115.65 0.78 -3.64	138.85 1.72 -4.48	138.01 1.59 -4.06	115.82 0.66 -5.98	109.07 0.62 -5.73	112.95 0.33 -1.96	102.74 0.20 -2.03	104.03 0.30 -3.43
NUMBER_THREE_WT_PWR 323818	102.83 0.80 -1.52	98.90 0.77 -1.36	99.19 0.88 -0.76	115.03 2.13 -0.39	113.90 2.11 -0.62	133.45 3.11 -0.40	172.03 4.68 0.00	179.81 5.74 0.00	177.21 5.00 0.00	133.48 2.73 -0.84	111.43 2.40 0.00	102.29 1.70 -0.66	102.92 1.71 -0.49	99.51 1.55 -0.53	102.94 1.71 -0.40	107.34 2.20 -0.71	113.76 1.89 -0.64	136.39 3.05 -0.69	135.51 2.91 -0.23	113.36 3.05 -1.12	106.89 2.77 -1.39	113.53 2.87 0.00	102.92 2.41 0.00	103.58 2.31 -0.97
NYISO_LBMP_REFERENCE 24008	100.51 0.00 0.00	96.77 0.00 0.00	97.55 0.00 0.00	112.50 0.00 0.00	111.17 0.00 0.00	129.93 0.00 0.00	167.35 0.00 0.00	174.07 0.00 0.00	172.22 0.00 0.00	129.90 0.00 0.00	109.04 0.00 0.00	99.93 0.00 0.00	100.71 0.00 0.00	97.43 0.00 0.00	100.82 0.00 0.00	104.43 0.00 0.00	111.23 0.00 0.00	132.65 0.00 0.00	132.36 0.00 0.00	109.19 0.00 0.00	102.72 0.00 0.00	110.66 0.00 0.00	100.51 0.00 0.00	100.30 0.00 0.00

NYPA_BRENTWD____GT 24164	155.45 10.76 -44.18	151.77 10.36 -44.64	149.00 10.24 -41.21	148.77 12.04 -24.22	151.77 12.01 -28.59	156.19 13.64 -12.61	188.00 16.41 -4.25	223.65 17.07 -32.52	197.22 17.39 -7.61	169.12 14.16 -25.06	153.81 11.99 -32.78	147.62 10.80 -36.89	145.73 10.88 -34.13	145.70 10.43 -37.85	144.58 10.99 -32.77	152.86 11.59 -36.83	167.37 12.57 -43.58	199.89 15.64 -51.60	197.35 15.48 -49.51	182.79 12.33 -61.27	161.54 11.40 -47.42	153.44 12.28 -30.50	151.90 10.96 -40.44	147.19 10.43 -36.46
NYPA_GOWANUS____GT5 24156	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NYPA_GOWANUS____GT6 24157	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.18 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.40 14.12 -258.06	394.14 12.60 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.16 -256.50	366.38 8.86 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.45 -265.75	383.82 12.86 -238.31	366.38 12.84 -221.18	399.91 10.16 -280.57	415.32 9.44 -303.16	378.92 10.29 -257.97	321.54 9.15 -211.89	247.47 8.63 -138.54
NYPA_HARLEM__RVR__GT1 24160	152.32 9.45 -42.37	143.66 8.90 -37.99	127.76 8.88 -21.34	133.44 9.11 -11.83	138.13 9.12 -17.84	151.90 10.78 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.47 13.26 0.01	166.86 12.08 -24.87	132.12 9.48 -13.60	130.01 8.69 -21.39	183.13 8.76 -73.66	123.81 8.38 -18.00	124.15 8.87 -14.45	135.66 9.19 -22.03	189.51 10.01 -68.27	181.29 12.34 -36.30	176.27 12.17 -31.73	166.00 9.71 -47.10	157.02 9.04 -45.25	136.83 9.74 -16.43	127.01 8.74 -17.76	136.86 8.32 -28.24
NYPA_HARLEM__RVR__GT2 24161	152.32 9.45 -42.37	143.66 8.90 -37.99	127.76 8.88 -21.34	133.44 9.11 -11.83	138.13 9.12 -17.84	151.90 10.78 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.47 13.26 0.01	166.86 12.08 -24.87	132.12 9.48 -13.60	130.01 8.69 -21.39	183.13 8.76 -73.66	123.81 8.38 -18.00	124.15 8.87 -14.45	135.66 9.19 -22.03	189.51 10.01 -68.27	181.29 12.34 -36.30	176.27 12.17 -31.73	166.00 9.71 -47.10	157.02 9.04 -45.25	136.83 9.74 -16.43	127.01 8.74 -17.76	136.86 8.32 -28.24
NYPA_KENT____GT 24152	151.93 9.05 -42.37	143.17 8.42 -37.99	127.18 8.29 -21.34	174.98 9.33 -53.15	176.01 9.34 -55.50	183.89 11.18 -42.78	212.71 12.21 -33.15	317.53 13.06 -130.40	333.74 13.78 -147.74	302.06 12.35 -159.81	277.66 9.70 -158.92	277.68 8.89 -168.85	276.49 8.96 -166.82	275.56 8.67 -169.47	275.69 9.17 -165.69	262.91 9.50 -148.98	295.42 10.23 -173.96	301.91 12.61 -156.65	285.14 12.58 -140.20	299.89 9.93 -180.76	304.88 9.25 -192.91	280.11 9.96 -159.49	246.45 8.94 -137.00	204.57 8.52 -95.74
NYPA_POUCH1____GT 24155	151.72 8.85 -42.37	142.89 8.13 -37.99	126.89 8.00 -21.34	199.36 8.89 -77.97	200.99 8.90 -80.93	206.96 10.66 -66.37	236.79 11.54 -57.90	410.93 12.54 -224.32	443.54 13.26 -258.06	393.49 11.94 -251.64	365.84 9.38 -247.42	365.88 8.60 -257.35	365.88 8.66 -256.50	365.90 8.38 -260.09	365.88 8.87 -256.18	365.86 9.19 -252.23	386.87 9.90 -265.75	383.30 12.34 -238.31	365.86 12.31 -221.18	399.47 9.71 -280.57	414.92 9.04 -303.16	378.36 9.74 -257.97	321.04 8.64 -211.89	246.96 8.12 -138.54
NYPA_VERNON____GT2 24162	151.72 8.85 -42.37	143.08 8.32 -37.99	127.18 8.29 -21.34	150.15 9.33 -28.32	150.59 9.34 -30.08	160.17 11.04 -19.19	187.95 12.21 -8.40	223.42 12.88 -36.47	223.24 13.60 -37.42	210.09 12.21 -67.98	189.06 9.60 -70.42	189.08 8.80 -80.35	186.71 8.86 -77.14	184.85 8.58 -78.84	185.10 9.08 -75.20	183.47 9.40 -69.64	203.52 10.12 -82.17	220.11 12.47 -74.99	204.02 12.44 -59.21	199.98 9.83 -80.96	194.52 9.14 -82.66	181.51 9.85 -61.01	171.35 8.74 -62.10	161.57 8.32 -52.95
NYPA_VERNON____GT3 24163	151.72 8.85 -42.37	143.08 8.32 -37.99	127.18 8.29 -21.34	150.15 9.33 -28.32	150.59 9.34 -30.08	160.17 11.04 -19.19	187.95 12.21 -8.40	223.42 12.88 -36.47	223.24 13.60 -37.42	210.09 12.21 -67.98	189.06 9.60 -70.42	189.08 8.80 -80.35	186.71 8.86 -77.14	184.85 8.58 -78.84	185.10 9.08 -75.20	183.47 9.40 -69.64	203.52 10.12 -82.17	220.11 12.47 -74.99	204.02 12.44 -59.21	199.98 9.83 -80.96	194.52 9.14 -82.66	181.51 9.85 -61.01	171.35 8.74 -62.10	161.57 8.32 -52.95
NYPA__ASTORIA_CC1 323568	151.72 8.85 -42.37	143.08 8.32 -37.99	127.08 8.20 -21.34	141.62 9.23 -19.90	141.84 9.22 -21.46	152.04 10.92 -11.19	179.23 11.88 0.00	191.38 12.70 -4.61	185.66 13.44 0.00	178.81 12.08 -36.83	158.92 9.48 -40.40	158.95 8.69 -50.32	156.18 8.76 -46.71	154.00 8.47 -48.10	154.30 8.97 -44.51	156.45 9.29 -42.72	172.28 10.01 -51.03	192.28 12.34 -47.29	176.42 12.31 -31.74	166.01 9.71 -47.10	157.03 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.05 8.32 -38.43
NYPA__ASTORIA_CC2 323569	151.72 8.85 -42.37	143.08 8.32 -37.99	127.08 8.20 -21.34	141.62 9.23 -19.90	141.84 9.22 -21.46	152.04 10.92 -11.19	179.23 11.88 0.00	191.38 12.70 -4.61	185.66 13.44 0.00	178.81 12.08 -36.83	158.92 9.48 -40.40	158.95 8.69 -50.32	156.18 8.76 -46.71	154.00 8.47 -48.10	154.30 8.97 -44.51	156.45 9.29 -42.72	172.28 10.01 -51.03	192.28 12.34 -47.29	176.42 12.31 -31.74	166.01 9.71 -47.10	157.03 9.04 -45.26	148.00 9.74 -27.60	145.95 8.74 -36.70	147.05 8.32 -38.43
NYPA__HOLTSVILL 23794	154.64 10.26 -43.88	150.84 9.77 -44.30	148.22 9.75 -40.92	147.78 11.36 -23.92	150.94 11.45 -28.32	155.30 12.99 -12.37	187.18 15.73 -4.11	222.78 16.19 -32.52	196.47 16.70 -7.56	168.15 13.38 -24.87	152.88 11.34 -32.50	146.49 9.99 -36.56	144.48 9.97 -33.79	144.58 9.65 -37.51	143.38 10.08 -32.48	151.84 10.86 -36.55	166.40 11.91 -43.26	198.11 14.59 -50.87	195.84 14.56 -48.91	181.22 11.57 -60.46	160.56 10.78 -47.06	152.19 11.40 -30.13	150.61 10.05 -40.05	145.96 9.53 -36.13
NYPA__HELLGATE_GT1 24158	152.33 9.45 -42.38	143.67 8.90 -38.00	127.78 8.88 -21.35	149.56 9.11 -27.95	145.34 9.12 -25.06	151.90 10.78 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.47 13.26 0.01	185.07 12.08 -43.08	181.67 9.48 -63.15	183.51 8.69 -74.89	126.39 8.76 -16.92	181.19 8.38 -75.38	181.45 8.87 -71.75	175.10 9.19 -61.48	151.94 10.01 -30.70	201.58 12.34 -56.60	176.27 12.17 -31.73	166.00 9.71 -47.10	157.02 9.04 -45.25	158.14 9.74 -37.74	163.08 8.74 -53.83	156.27 8.32 -47.64
NYPA__HELLGATE_GT2 24159	152.33 9.45 -42.38	143.67 8.90 -38.00	127.78 8.88 -21.35	149.56 9.11 -27.95	145.34 9.12 -25.06	151.90 10.78 -11.18	178.72 11.39 0.01	190.67 12.00 -4.60	185.47 13.26 0.01	185.07 12.08 -43.08	181.67 9.48 -63.15	183.51 8.69 -74.89	126.39 8.76 -16.92	181.19 8.38 -75.38	181.45 8.87 -71.75	175.10 9.19 -61.48	151.94 10.01 -30.70	201.58 12.34 -56.60	176.27 12.17 -31.73	166.00 9.71 -47.10	157.02 9.04 -45.25	158.14 9.74 -37.74	163.08 8.74 -53.83	156.27 8.32 -47.64
NYS_BARGE__HYD 23848	101.49 -5.53 -6.51	96.70 -5.91 -5.83	93.80 -7.02 -3.28	105.29 -8.89 -1.68	105.62 -8.23 -2.68	121.90 -9.75 -1.72	151.95 -15.39 0.00	156.83 -17.24 0.00	155.34 -16.87 0.00	121.04 -12.47 -3.61	101.17 -9.60 -1.72	94.86 -7.90 -2.82	94.77 -8.06 -2.11	91.52 -8.18 -2.27	94.69 -7.86 -1.73	99.43 -8.04 -3.04	106.55 -9.12 -4.44	128.70 -9.41 -5.47	126.90 -10.46 -4.99	105.56 -10.92 -7.29	99.84 -9.86 -6.98	102.23 -10.84 -2.42	93.96 -9.05 -2.50	96.85 -7.63 -4.17

OAK ORCHARD___HYD 24046	104.26 -1.61 -5.36	99.54 -2.04 -4.81	97.62 -2.63 -2.70	110.28 -3.60 -1.38	110.26 -3.11 -2.21	127.97 -3.38 -1.41	160.65 -6.70 0.00	166.59 -7.48 0.00	164.99 -7.23 0.00	128.21 -4.67 -2.98	106.50 -3.92 -1.39	99.67 -2.60 -2.33	99.84 -2.62 -1.75	96.58 -2.73 -1.88	99.74 -2.52 -1.43	104.34 -2.61 -2.51	111.86 -3.00 -3.63	134.85 -2.26 -4.46	133.36 -3.04 -4.04	111.12 -4.04 -5.97	104.76 -3.69 -5.73	107.96 -4.64 -1.94	98.70 -3.82 -2.01	100.93 -2.81 -3.44
OAKDALE___35_KV_LOAD 356122	115.20 0.60 -14.09	109.70 0.29 -12.63	104.65 0.00 -7.10	115.92 -0.23 -3.64	116.85 -0.11 -5.80	133.91 0.26 -3.72	167.35 0.00 0.00	175.85 -0.35 -2.13	171.87 -0.34 0.00	137.48 -0.26 -7.84	113.44 0.22 -4.19	106.17 0.10 -6.14	105.41 0.10 -4.59	102.37 0.00 -4.94	104.78 0.20 -3.76	111.25 0.21 -6.61	121.98 0.67 -10.08	146.63 1.46 -12.53	145.43 1.19 -11.87	125.89 0.22 -16.49	118.41 0.31 -15.38	116.86 0.33 -5.87	106.99 0.40 -6.08	109.74 0.40 -9.03
OCC_CHEM___DRP 24175	101.86 -5.33 -6.68	97.15 -5.61 -5.99	94.18 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.13 -1.76	150.44 -16.90 0.00	155.10 -18.97 0.00	153.62 -18.60 0.00	120.24 -13.38 -3.72	100.24 -10.58 -1.78	94.25 -8.59 -2.91	94.03 -8.86 -2.18	90.81 -8.96 -2.34	94.04 -8.57 -1.78	98.79 -8.77 -3.13	105.79 -10.01 -4.58	127.80 -10.48 -5.64	125.73 -11.78 -5.14	104.69 -12.01 -7.51	99.62 -10.27 -7.17	101.20 -11.95 -2.49	93.34 -9.75 -2.58	96.46 -8.12 -4.29
OH_GEN_PROXY 24063	101.81 -5.33 -6.63	97.10 -5.62 -5.94	94.35 -6.53 -3.34	105.89 -8.32 -1.71	106.11 -7.78 -2.73	120.37 -9.36 0.20	154.24 -15.06 -1.95	157.02 -17.05 0.00	155.51 -16.70 0.00	121.50 -12.08 -3.68	101.42 -9.38 -1.76	95.12 -7.69 -2.88	95.01 -7.86 -2.15	91.76 -7.99 -2.32	95.02 -7.56 -1.76	99.70 -7.83 -3.10	106.97 -8.79 -4.53	129.20 -9.02 -5.58	127.39 -10.07 -5.10	106.04 -10.59 -7.44	100.29 -9.55 -7.11	102.50 -10.62 -2.47	94.32 -8.75 -2.55	97.33 -7.22 -4.25
OLIN_CORP_DRP 24177	100.92 -6.33 -6.75	96.14 -6.68 -6.05	93.24 -7.71 -3.40	104.46 -9.79 -1.74	104.83 -9.12 -2.78	120.93 -10.78 -1.78	150.28 -17.07 0.00	154.92 -19.15 0.00	153.44 -18.77 0.00	119.88 -13.77 -3.75	100.04 -10.79 -1.80	93.98 -8.89 -2.94	93.75 -9.17 -2.20	90.54 -9.26 -2.37	93.75 -8.87 -1.80	98.51 -9.09 -3.16	105.51 -10.34 -4.62	127.46 -10.88 -5.69	125.39 -12.18 -5.20	104.55 -12.23 -7.59	99.39 -10.58 -7.24	101.11 -12.06 -2.52	93.16 -9.95 -2.61	96.10 -8.53 -4.33
OLIN_CORP_DSASP 323712	101.86 -5.33 -6.68	97.15 -5.62 -5.99	94.19 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.14 -1.76	150.45 -16.90 0.00	155.10 -18.97 0.00	153.61 -18.60 0.00	120.09 -13.51 -3.71	100.24 -10.57 -1.78	94.24 -8.59 -2.90	94.02 -8.86 -2.17	90.80 -8.96 -2.33	94.13 -8.47 -1.78	98.68 -8.88 -3.12	105.78 -10.01 -4.57	127.79 -10.48 -5.63	125.86 -11.65 -5.14	104.79 -11.90 -7.50	99.11 -10.78 -7.17	101.19 -11.95 -2.49	93.24 -9.85 -2.58	96.47 -8.12 -4.29
ONEIDA_HERK_LFGE 323681	104.33 2.51 -1.31	100.36 2.42 -1.17	100.55 2.34 -0.66	115.99 3.15 -0.34	114.93 3.23 -0.54	134.56 4.28 -0.34	173.20 5.85 0.00	180.68 6.61 0.00	178.41 6.19 0.00	134.78 4.16 -0.73	112.53 3.49 0.00	103.60 3.10 -0.57	104.16 3.02 -0.43	100.80 2.92 -0.46	104.19 3.02 -0.35	108.49 3.44 -0.61	115.34 3.56 -0.55	138.28 5.04 -0.60	137.47 4.90 -0.20	114.30 4.15 -0.97	107.62 3.69 -1.20	114.42 3.76 0.00	103.82 3.31 0.00	104.25 3.11 -0.84
ONEIDA___115KV_TB4 55905	106.53 3.52 -2.50	102.31 3.29 -2.24	101.93 3.12 -1.26	116.75 3.60 -0.65	115.98 3.78 -1.03	135.79 5.20 -0.66	174.21 6.86 0.00	181.55 7.48 0.00	179.28 7.06 0.00	136.36 5.07 -1.39	113.40 4.36 0.00	104.82 3.80 -1.09	105.26 3.73 -0.81	101.91 3.60 -0.88	105.32 3.83 -0.67	109.89 4.28 -1.17	116.85 4.56 -1.06	140.03 6.23 -1.15	138.84 6.09 -0.38	115.62 4.59 -1.85	109.23 4.21 -2.30	114.86 4.20 0.00	104.13 3.62 0.00	105.42 3.51 -1.60
ONONDAGA_REF_OCCRA 23987	105.00 -0.30 -4.79	100.59 -0.48 -4.30	99.28 -0.68 -2.41	112.73 -1.01 -1.24	112.25 -0.89 -1.97	130.55 -0.65 -1.26	166.34 -1.00 0.00	173.03 -1.04 0.00	171.18 -1.03 0.00	132.05 -0.52 -2.67	108.60 -0.44 0.00	101.62 -0.40 -2.09	101.87 -0.40 -1.56	98.72 -0.39 -1.68	101.70 -0.40 -1.28	106.47 -0.21 -2.25	113.15 -0.11 -2.03	135.37 0.53 -2.19	133.50 0.40 -0.74	112.51 -0.22 -3.54	107.03 -0.10 -4.40	110.21 -0.44 0.00	100.11 -0.40 0.00	102.97 -0.40 -3.07
ONONDAGA___COGEN 23986	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
ONTARIO___LFGE 23819	107.14 0.30 -6.33	102.26 -0.19 -5.68	99.96 -0.78 -3.19	112.33 -1.80 -1.64	112.32 -1.45 -2.61	130.70 -0.90 -1.67	165.67 -1.67 0.00	172.33 -1.74 0.00	169.97 -2.24 0.00	131.61 -1.82 -3.53	109.84 -0.88 -1.68	101.89 -0.80 -2.76	101.87 -0.91 -2.07	98.77 -0.88 -2.22	101.81 -0.70 -1.69	106.99 -0.42 -2.97	115.79 0.22 -4.34	138.92 0.94 -5.34	137.77 0.53 -4.87	115.66 -0.65 -7.13	108.69 -0.83 -6.79	112.02 -1.00 -2.36	102.65 -0.30 -2.44	104.36 0.00 -4.06
ORANGEVILLE_WT_PWR 323706	104.93 -3.61 -8.03	99.92 -4.06 -7.20	96.62 -4.97 -4.05	108.17 -6.41 -2.07	108.69 -5.79 -3.31	125.69 -6.36 -2.12	158.14 -9.20 0.00	163.28 -10.79 0.00	161.19 -11.03 0.00	125.41 -8.96 -4.47	104.89 -6.33 -2.18	97.84 -5.59 -3.50	97.60 -5.74 -2.62	94.40 -5.84 -2.82	97.52 -5.45 -2.14	102.77 -5.43 -3.77	111.32 -5.45 -5.54	134.31 -5.18 -6.84	132.43 -6.22 -6.28	111.19 -7.10 -9.10	105.00 -6.37 -8.65	107.18 -6.53 -3.05	98.34 -5.33 -3.16	101.04 -4.41 -5.15
ORANGEVILLE___ESR 323794	104.93 -3.61 -8.03	99.92 -4.06 -7.20	96.62 -4.97 -4.05	108.17 -6.41 -2.07	108.69 -5.79 -3.31	125.69 -6.36 -2.12	158.14 -9.20 0.00	163.28 -10.79 0.00	161.19 -11.03 0.00	125.41 -8.96 -4.47	104.89 -6.33 -2.18	97.84 -5.59 -3.50	97.60 -5.74 -2.62	94.40 -5.84 -2.82	97.52 -5.45 -2.14	102.77 -5.43 -3.77	111.32 -5.45 -5.54	134.31 -5.18 -6.84	132.43 -6.22 -6.28	111.19 -7.10 -9.10	105.00 -6.37 -8.65	107.18 -6.53 -3.05	98.34 -5.33 -3.16	101.04 -4.41 -5.15
OSWEGATCHIE___HYD 24044	99.51 -2.12 -1.12	95.84 -1.93 -1.00	96.65 -1.46 -0.56	112.23 -0.56 -0.29	110.73 -0.89 -0.46	128.93 -1.30 -0.30	166.00 -1.34 0.00	173.55 -0.52 0.00	171.02 -1.20 0.00	128.19 -2.33 -0.62	107.18 -1.85 0.00	98.02 -2.40 -0.49	98.66 -2.42 -0.36	95.48 -2.34 -0.39	98.70 -2.42 -0.30	102.35 -2.61 -0.53	108.93 -2.78 -0.47	129.58 -3.58 -0.51	129.23 -3.30 -0.17	107.94 -2.08 -0.83	102.01 -1.75 -1.03	109.66 -1.00 0.00	99.41 -1.10 0.00	100.12 -0.90 -0.72
OSWEGO___5 23606	101.32 -2.31 -3.11	97.15 -2.42 -2.79	96.58 -2.54 -1.57	110.27 -3.03 -0.80	109.45 -3.00 -1.28	127.51 -3.24 -0.82	162.84 -4.51 0.00	169.38 -4.69 0.00	167.57 -4.64 0.00	128.25 -3.38 -1.73	106.32 -2.72 0.00	98.89 -2.40 -1.36	99.22 -2.51 -1.01	96.09 -2.43 -1.09	99.23 -2.42 -0.83	103.38 -2.51 -1.46	110.00 -2.55 -1.32	131.42 -2.65 -1.43	130.06 -2.79 -0.48	108.87 -2.62 -2.30	103.02 -2.56 -2.86	107.78 -2.88 0.00	97.89 -2.61 0.00	99.80 -2.50 -2.00

OSWEGO___6 23613	101.32 -2.31 -3.11	97.15 -2.42 -2.79	96.58 -2.54 -1.57	110.27 -3.03 -0.80	109.45 -3.00 -1.28	127.51 -3.24 -0.82	162.84 -4.51 0.00	169.38 -4.69 0.00	167.57 -4.64 0.00	128.25 -3.38 -1.73	106.32 -2.72 0.00	98.89 -2.40 -1.36	99.22 -2.51 -1.01	96.09 -2.43 -1.09	99.23 -2.42 -0.83	103.38 -2.51 -1.46	110.00 -2.55 -1.32	131.42 -2.65 -1.43	130.06 -2.79 -0.48	108.87 -2.62 -2.30	103.02 -2.56 -2.86	107.78 -2.88 0.00	97.89 -2.61 0.00	99.80 -2.50 -2.00
OUTOKUMPU-AB___DRP 24206	102.88 -4.42 -6.80	98.13 -4.74 -6.10	95.02 -5.95 -3.42	106.50 -7.76 -1.76	106.85 -7.11 -2.80	123.15 -8.58 -1.79	153.62 -13.72 0.00	158.58 -15.49 0.00	157.06 -15.15 0.00	122.51 -11.17 -3.78	102.56 -8.29 -1.81	95.90 -7.00 -2.96	95.78 -7.15 -2.22	92.50 -7.31 -2.38	95.68 -6.96 -1.81	100.52 -7.10 -3.19	107.77 -8.12 -4.66	130.16 -8.22 -5.74	128.21 -9.40 -5.24	106.79 -10.05 -7.65	101.50 -8.53 -7.30	103.46 -9.74 -2.54	95.20 -7.94 -2.63	97.94 -6.72 -4.36
OXBOW___BTM 323836	102.63 -4.62 -6.74	97.78 -5.04 -6.04	94.70 -6.25 -3.40	106.14 -8.10 -1.74	106.38 -7.56 -2.78	122.61 -9.10 -1.78	152.29 -15.06 0.00	157.19 -16.88 0.00	155.68 -16.53 0.00	121.56 -12.08 -3.74	101.56 -9.27 -1.79	95.26 -7.60 -2.93	95.15 -7.75 -2.19	91.89 -7.89 -2.35	95.16 -7.46 -1.79	99.85 -7.73 -3.15	107.05 -8.79 -4.61	129.17 -9.15 -5.68	127.37 -10.19 -5.19	105.94 -10.81 -7.57	100.30 -9.66 -7.24	102.55 -10.62 -2.52	94.37 -8.75 -2.60	97.40 -7.22 -4.32
OXBOW____ 24026	102.63 -4.62 -6.74	97.79 -5.03 -6.04	94.70 -6.24 -3.40	106.14 -8.10 -1.74	106.38 -7.56 -2.78	122.62 -9.10 -1.78	152.29 -15.06 0.00	157.18 -16.88 0.00	155.68 -16.53 0.00	121.70 -11.95 -3.75	101.56 -9.27 -1.79	95.27 -7.59 -2.94	95.16 -7.76 -2.20	91.90 -7.89 -2.36	95.06 -7.56 -1.80	99.87 -7.73 -3.16	107.06 -8.79 -4.62	129.18 -9.15 -5.69	127.23 -10.32 -5.19	105.96 -10.81 -7.58	100.71 -9.25 -7.24	102.55 -10.62 -2.52	94.47 -8.64 -2.60	97.40 -7.22 -4.32
OXY_CHEM_DSASP 323612	101.86 -5.33 -6.68	97.15 -5.61 -5.99	94.18 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.13 -1.76	150.44 13.22 0.00	155.10 -18.97 0.00	153.62 -18.60 0.00	120.24 -13.38 -3.72	100.24 -10.58 -1.78	94.25 -8.59 -2.91	94.03 -8.86 -2.18	90.81 -8.96 -2.34	94.04 -8.57 -1.78	98.79 -8.77 -3.13	105.79 -10.01 -4.58	127.80 -10.48 -5.64	125.73 -11.78 -5.14	104.69 -12.01 -7.51	99.62 -10.27 -7.17	101.20 -11.95 -2.49	93.34 -9.75 -2.58	96.46 -8.12 -4.29
OZONE_PARK_ESR 323760	152.12 9.25 -42.36	143.37 8.61 -37.98	127.47 8.58 -21.34	142.27 10.24 -19.53	142.57 10.12 -21.29	153.08 11.95 -11.19	180.57 13.22 0.00	192.61 13.93 -4.61	186.68 14.47 0.00	177.00 13.12 -33.98	158.50 10.25 -39.21	158.27 9.29 -49.04	155.57 9.47 -45.39	153.25 9.06 -46.76	153.67 9.68 -43.17	156.15 9.92 -41.80	172.15 10.79 -50.13	192.85 13.40 -46.80	177.21 13.10 -31.74	166.77 10.48 -47.10	157.74 9.76 -45.26	148.16 10.40 -27.11	145.71 9.35 -35.85	147.00 8.73 -37.97
PACKARD_I15_KV_ADAMS_187_REV_LBMP_A 345013	101.86 -5.33 -6.68	97.15 -5.61 -5.99	94.18 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.13 -1.76	150.44 13.22 0.00	155.10 -18.97 0.00	153.62 -18.60 0.00	120.24 -13.38 -3.72	100.24 -10.58 -1.78	94.25 -8.59 -2.91	94.03 -8.86 -2.18	90.81 -8.96 -2.34	94.04 -8.57 -1.78	98.79 -8.77 -3.13	105.79 -10.01 -4.58	127.80 -10.48 -5.64	125.73 -11.78 -5.14	104.69 -12.01 -7.51	99.62 -10.27 -7.17	101.20 -11.95 -2.49	93.34 -9.75 -2.58	96.46 -8.12 -4.29
PACKARD__115KV_DUPONT_184 80571	101.86 -5.33 -6.68	97.15 -5.61 -5.99	94.18 -6.73 -3.37	105.57 -8.66 -1.73	105.69 -8.23 -2.75	121.56 -10.13 -1.76	150.44 13.22 0.00	155.10 -18.97 0.00	153.62 -18.60 0.00	120.24 -13.38 -3.72	100.24 -10.58 -1.78	94.25 -8.59 -2.91	94.03 -8.86 -2.18	90.81 -8.96 -2.34	94.04 -8.57 -1.78	98.79 -8.77 -3.13	105.79 -10.01 -4.58	127.80 -10.48 -5.64	125.73 -11.78 -5.14	104.69 -12.01 -7.51	99.62 -10.27 -7.17	101.20 -11.95 -2.49	93.34 -9.75 -2.58	96.46 -8.12 -4.29
PARKCHTR_I38_KV_TB2S_REV_LBMP_J 345007	151.92 9.05 -42.37	143.28 8.52 -37.99	127.37 8.49 -21.34	132.16 8.66 -10.99	137.30 8.67 -17.47	151.39 10.26 -11.19	178.56 11.21 0.00	190.52 11.84 -4.61	184.79 12.57 0.00	165.26 11.43 -23.93	129.12 9.05 -11.03	126.74 8.19 -18.61	123.05 8.36 -13.98	120.44 7.99 -15.02	120.87 8.57 -11.48	133.19 8.77 -19.99	149.43 9.45 -28.75	179.57 11.67 -35.25	175.62 11.52 -31.74	165.57 9.28 -47.10	156.61 8.63 -45.26	135.28 9.30 -15.32	124.64 8.24 -15.89	135.36 7.82 -27.23
PARKCHTR_I3_KV_CPCTY_REV_LBMP_J 345019	152.73 9.85 -42.37	144.15 9.39 -37.99	128.16 9.27 -21.34	133.17 9.68 -10.99	138.19 9.56 -17.47	152.43 11.30 -11.19	179.90 12.55 0.00	192.08 13.40 -4.61	186.16 13.95 0.00	166.17 12.34 -23.93	129.88 9.81 -11.03	127.44 8.89 -18.61	123.65 8.96 -13.98	121.12 8.67 -15.02	121.57 9.28 -11.48	133.92 9.50 -19.99	150.32 10.34 -28.75	180.63 12.73 -35.25	176.55 12.44 -31.74	166.34 10.05 -47.10	157.33 9.35 -45.26	136.05 10.07 -15.32	125.45 9.05 -15.89	136.26 8.73 -27.23
PATROON__115KV_TB1 80586	157.70 4.82 -52.37	148.38 4.65 -46.96	128.22 4.29 -26.38	130.75 4.73 -13.52	137.28 4.56 -21.56	148.95 5.20 -13.82	173.37 6.02 0.00	212.47 6.27 -32.13	178.59 6.37 0.00	164.76 5.72 -29.14	148.26 5.67 -33.55	128.14 5.40 -22.81	123.02 5.24 -17.07	120.85 5.07 -18.36	119.74 4.94 -13.98	134.21 5.22 -24.56	171.43 5.12 -55.08	211.27 5.97 -72.65	223.99 5.82 -85.80	201.14 4.59 -87.37	174.61 4.31 -67.57	162.46 4.76 -47.04	153.80 4.62 -48.67	138.60 4.71 -33.59
PATTRSNVILLE__SOLAR 323815	161.56 5.83 -55.22	151.81 5.51 -49.52	130.83 5.46 -27.82	132.95 6.18 -14.26	140.23 6.33 -22.73	152.30 7.80 -14.57	177.05 9.70 0.00	237.21 10.09 -53.05	182.03 9.81 0.00	167.90 7.27 -30.73	164.46 5.78 -49.65	128.98 4.99 -24.05	123.65 4.93 -18.00	121.56 4.77 -19.36	120.70 5.14 -14.74	136.28 5.95 -25.90	190.19 6.90 -72.06	238.46 8.50 -97.31	264.51 8.60 -123.55	228.79 6.77 -112.83	188.61 6.37 -79.52	187.02 6.75 -69.61	178.56 6.03 -72.02	141.54 5.82 -35.42
PAVMNTRD_I15_KV_BK1_REV_LBMP_A 345030	102.82 -5.13 -7.43	97.92 -5.52 -6.67	94.66 -6.63 -3.74	105.98 -8.44 -1.92	106.56 -7.67 -3.06	123.06 -8.84 -1.96	156.80 -10.54 0.00	161.88 -12.18 0.00	160.16 -12.06 0.00	123.26 -10.78 -4.14	104.60 -6.43 -2.00	96.38 -6.80 -3.24	96.09 -7.05 -2.42	92.92 -7.11 -2.61	96.05 -6.76 -1.98	101.03 -6.89 -3.49	108.67 -7.67 -5.11	131.13 -7.83 -6.31	129.27 -8.87 -5.78	108.19 -9.39 -8.39	102.50 -8.22 -7.99	105.82 -7.64 -2.80	97.28 -6.13 -2.90	98.55 -6.52 -4.77
PAWLING_I15_KV_BK3_REV_LBMP_H 345028	151.65 8.34 -42.80	143.08 7.94 -38.38	127.11 8.00 -21.56	132.78 9.23 -11.05	138.01 9.23 -17.62	152.27 11.04 -11.29	180.73 13.39 0.00	193.09 14.27 -4.75	186.68 14.47 0.00	166.19 12.47 -23.82	130.13 10.03 -11.06	127.77 9.19 -18.64	123.93 9.27 -13.95	121.30 8.87 -15.00	121.82 9.58 -11.42	134.42 9.92 -20.07	150.79 10.57 -28.99	181.69 13.40 -35.65	177.81 13.24 -32.21	167.45 10.59 -47.67	158.44 9.96 -45.75	136.68 10.51 -15.51	125.90 9.35 -16.05	136.48 8.73 -27.45
PEEKSKILL____ 23653	149.46 7.03 -41.91	140.94 6.58 -37.59	125.30 6.64 -21.11	131.08 7.76 -10.82	136.20 7.78 -17.26	150.08 9.09 -11.06	177.56 10.21 0.00	189.25 10.62 -4.56	183.40 11.19 0.00	163.36 10.14 -23.33	127.87 8.07 -10.77	125.48 7.29 -18.25	121.83 7.45 -13.66	119.23 7.11 -14.70	119.57 7.57 -11.19	131.92 7.84 -19.66	148.01 8.45 -28.33	178.08 10.62 -34.81	174.35 10.59 -31.39	164.08 8.29 -46.59	155.20 7.71 -44.77	134.06 8.30 -15.10	123.56 7.44 -15.62	134.10 6.92 -26.88

PGE MADISON___WINDPWR 24146	125.32 9.55 -15.26	119.26 8.81 -13.68	113.43 8.20 -7.69	125.78 9.33 -3.94	126.89 9.44 -6.28	146.70 12.74 -4.03	184.91 17.57 0.00	196.13 18.98 -3.08	189.60 17.39 0.00	150.60 12.21 -8.50	125.13 10.80 -5.29	115.47 8.89 -6.65	114.25 8.56 -4.98	110.96 8.18 -5.35	113.77 8.87 -4.07	121.72 10.13 -7.16	135.13 12.24 -11.66	164.96 17.64 -14.67	164.58 17.61 -14.61	141.68 13.54 -18.96	132.24 12.42 -17.09	130.69 12.61 -7.42	118.95 10.76 -7.68	120.52 10.43 -9.79
PIERCEFIELD___HYD 23852	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.03 0.00	108.39 -2.78 0.00	125.52 -4.42 0.00	161.66 -5.69 0.00	168.67 -5.40 0.00	166.36 -5.86 0.00	123.79 -6.11 0.00	103.80 -5.23 0.00	94.24 -5.70 0.00	95.07 -5.64 0.00	92.07 -5.36 0.00	95.08 -5.75 0.00	97.85 -6.58 0.00	104.33 -6.90 0.00	122.83 -9.82 0.00	123.10 -9.27 0.00	102.53 -6.66 0.00	96.56 -6.16 0.00	106.56 -4.09 0.00	96.79 -3.72 0.00	97.09 -3.21 0.00
PINELAWN_CC_1 323563	156.36 10.26 -45.59	152.64 9.68 -46.19	149.79 9.66 -42.58	149.36 11.25 -25.61	152.25 11.22 -29.87	156.52 12.87 -13.72	187.62 15.39 -4.89	222.78 16.19 -32.52	196.64 16.53 -7.89	169.34 13.51 -25.94	154.43 11.34 -34.05	148.62 10.30 -38.39	146.80 10.38 -35.71	146.79 9.94 -39.42	145.51 10.58 -34.10	153.64 11.06 -38.14	168.28 12.02 -45.03	202.59 14.98 -54.96	199.43 14.82 -52.25	185.97 11.80 -64.99	162.70 10.88 -49.10	154.51 11.62 -32.24	153.18 10.45 -42.22	148.22 9.93 -37.98
PJM_GEN_HTP_PROXY 323702	151.00 8.14 -42.36	142.39 7.64 -37.98	126.59 7.70 -21.33	133.25 9.00 -11.74	137.96 9.00 -17.80	149.68 10.52 -9.22	180.84 11.54 -1.95	190.86 12.18 -4.61	184.96 12.74 0.00	171.51 11.70 -29.91	131.61 9.05 -13.53	129.53 8.29 -21.31	125.93 8.46 -16.76	123.34 8.08 -17.83	123.67 8.57 -14.28	135.22 8.87 -21.91	151.43 9.57 -30.63	180.85 11.94 -36.26	175.86 11.78 -31.72	165.54 9.28 -47.08	156.59 8.63 -45.24	136.20 9.18 -16.36	126.41 8.24 -17.66	136.20 7.72 -28.17
PJM_GEN_KEystone 24065	66.10 1.11 35.52	62.81 0.87 34.83	61.83 0.49 36.21	61.61 0.34 51.23	67.52 0.56 44.21	67.66 0.65 62.93	98.14 -0.33 68.87	121.33 -0.87 51.87	106.13 -0.52 65.57	67.41 0.26 62.75	49.62 0.55 59.97	45.35 0.40 54.98	42.52 0.40 58.60	41.93 0.29 55.79	41.58 0.61 59.85	41.82 0.63 63.24	70.09 0.78 41.92	105.15 1.72 29.22	104.00 1.32 29.69	79.26 0.11 30.04	73.82 0.10 29.01	68.37 0.33 42.62	69.29 0.51 31.72	54.63 0.50 46.18
PJM_GEN_NEPTUNE_PROXY 323594	151.59 8.74 -42.34	145.57 8.32 -40.47	137.03 8.39 -31.09	139.41 9.78 -17.12	143.39 9.67 -22.55	150.19 11.04 -9.22	184.02 12.89 -3.79	207.13 13.40 -19.66	190.07 13.94 -3.91	165.76 11.94 -23.91	140.75 9.92 -21.79	136.26 9.00 -27.33	133.53 9.16 -23.65	132.34 8.77 -26.14	132.03 9.27 -21.93	142.13 9.60 -28.09	157.23 10.35 -35.66	188.23 12.86 -42.72	185.31 12.71 -40.24	172.50 10.04 -53.28	157.30 9.35 -45.23	142.98 10.07 -22.25	137.38 9.05 -27.82	139.92 8.52 -31.10
PJM_GEN_VFT_PROXY 323633	150.41 7.54 -42.36	141.91 7.16 -37.98	126.00 7.12 -21.33	45.32 8.55 75.73	47.16 8.56 72.57	54.14 9.87 85.66	72.61 10.55 105.29	-89.75 10.97 274.80	-134.98 11.54 318.74	-102.31 11.04 243.25	-113.95 8.28 231.27	-121.60 7.59 229.12	-126.04 7.76 234.51	-128.55 7.40 233.38	-128.19 7.87 236.88	-111.18 8.15 223.76	-105.44 8.79 225.46	-72.74 11.00 216.39	-63.07 10.86 206.29	-114.79 8.52 232.50	-152.09 7.91 262.73	-131.84 8.41 250.90	-72.17 7.54 180.22	13.20 7.02 94.13
PLATSBURG_115KV_PMLD1 355749	99.30 -1.21 0.00	96.00 -0.77 0.00	97.35 -0.20 0.00	112.61 0.11 0.00	110.94 -0.22 0.00	129.02 -0.91 0.00	166.18 -1.17 0.00	173.20 -0.87 0.00	170.84 -1.38 0.00	127.43 -2.47 0.00	106.86 -2.18 0.00	97.24 -2.70 0.00	98.00 -2.72 0.00	94.80 -2.63 0.00	97.90 -2.92 0.00	101.19 -3.24 0.00	108.00 -3.23 0.00	127.74 -4.91 0.00	128.13 -4.24 0.00	106.35 -2.84 0.00	100.05 -2.67 0.00	108.66 -1.99 0.00	98.50 -2.01 0.00	99.40 -0.90 0.00
PLEASANTVLY___LBMP 24000	151.42 6.73 -44.18	142.78 6.39 -39.62	126.24 6.44 -22.25	131.34 7.43 -11.41	136.80 7.45 -18.19	150.29 8.71 -11.65	177.05 9.71 0.00	189.03 10.10 -4.86	182.72 10.51 0.00	163.84 9.35 -24.59	128.05 7.63 -11.38	126.17 7.00 -19.24	122.16 7.05 -14.40	119.64 6.72 -15.49	119.87 7.26 -11.79	132.56 7.41 -20.72	149.13 8.01 -29.89	179.34 9.95 -36.75	175.33 9.79 -33.17	166.10 7.75 -49.16	157.23 7.29 -47.21	134.47 7.86 -15.96	124.06 7.04 -16.51	135.26 6.62 -28.33
PLSNTVLE_13_KV_13.8KVDIST 80602	150.72 7.54 -42.67	142.20 7.16 -38.27	126.17 7.12 -21.50	131.85 8.33 -11.02	137.07 8.34 -17.57	150.94 9.75 -11.26	178.22 10.88 0.00	190.20 11.49 -4.64	184.10 11.88 0.00	163.85 10.65 -23.30	128.61 8.61 -10.95	126.31 7.79 -18.58	122.58 7.96 -13.91	119.99 7.60 -14.96	120.38 8.17 -11.39	132.80 8.35 -20.01	149.07 9.01 -28.84	179.36 11.27 -35.43	175.43 11.12 -31.95	165.46 8.84 -47.43	156.52 8.22 -45.58	134.76 8.74 -15.36	124.24 7.84 -15.89	134.99 7.32 -27.37
PLSNTVLE_13_KV_13KVDSA_REV_LBMP_I 345020	150.72 7.54 -42.67	142.20 7.16 -38.27	126.17 7.12 -21.50	131.85 8.33 -11.02	137.07 8.34 -17.57	150.94 9.75 -11.26	178.22 10.88 0.00	190.20 11.49 -4.64	184.10 11.88 0.00	163.85 10.65 -23.30	128.61 8.61 -10.95	126.31 7.79 -18.58	122.58 7.96 -13.91	119.99 7.60 -14.96	120.38 8.17 -11.39	132.80 8.35 -20.01	149.07 9.01 -28.84	179.36 11.27 -35.43	175.43 11.12 -31.95	165.46 8.84 -47.43	156.52 8.22 -45.58	134.76 8.74 -15.36	124.24 7.84 -15.89	134.99 7.32 -27.37
PLSTVYCH_69_KV_RQ-3_RG2_REV_LBMP_G 345023	151.43 7.64 -43.28	142.84 7.26 -38.81	126.67 7.32 -21.80	132.12 8.44 -11.18	137.43 8.45 -17.82	151.36 10.00 -11.42	178.89 11.55 0.00	191.26 12.01 -5.18	184.61 12.40 0.00	164.64 10.65 -24.09	129.01 8.50 -11.47	126.48 7.69 -18.85	122.57 7.76 -14.11	120.10 7.50 -15.17	120.44 8.07 -11.55	133.08 8.35 -20.30	149.95 9.12 -29.60	180.64 11.54 -36.46	176.98 11.38 -33.23	166.87 9.06 -48.62	157.68 8.53 -46.43	135.81 9.07 -16.08	125.19 8.04 -16.64	135.58 7.52 -27.76
POLETTI___ 23519	151.31 8.44 -42.36	142.79 8.03 -37.98	126.89 8.00 -21.34	141.57 9.56 -19.51	141.90 9.45 -21.28	152.04 10.91 -11.19	178.54 11.21 0.02	184.67 11.66 1.06	179.23 12.23 5.21	168.36 11.43 -27.03	156.23 8.83 -38.36	156.14 8.09 -48.12	154.27 8.26 -45.29	151.99 7.89 -46.67	152.37 8.47 -43.08	154.84 8.67 -41.74	170.05 9.34 -49.48	186.48 11.54 -42.30	171.33 11.38 -27.58	163.35 9.06 -45.10	156.39 8.42 -45.24	146.80 9.07 -27.07	144.55 8.24 -35.80	145.97 7.72 -37.94
POMONA___ESR 323819	147.86 6.53 -40.82	139.48 6.10 -36.61	124.36 6.25 -20.56	130.25 7.21 -10.54	135.20 7.22 -16.81	149.14 8.44 -10.77	176.54 9.20 0.00	188.24 9.74 -4.43	182.55 10.33 0.00	161.98 9.36 -22.72	126.94 7.42 -10.48	124.41 6.70 -17.78	120.87 6.85 -13.31	118.27 6.53 -14.31	118.67 6.95 -10.90	130.78 7.20 -19.15	146.60 7.78 -27.59	176.36 9.82 -33.90	172.72 9.79 -30.56	162.31 7.75 -45.37	153.51 7.19 -43.60	132.98 7.63 -14.69	122.55 6.84 -15.20	132.81 6.32 -26.18
PORT_JEFF_3 23555	155.18 10.76 -43.91	151.36 10.25 -44.33	148.74 10.24 -40.95	148.37 11.92 -23.95	151.41 11.90 -28.34	155.84 13.51 -12.40	188.04 16.57 -4.12	223.65 17.07 -32.52	197.35 17.57 -7.56	168.82 14.03 -24.89	153.35 11.78 -32.53	146.92 10.39 -36.60	144.91 10.38 -33.82	145.00 10.04 -37.54	143.81 10.49 -32.51	152.29 11.28 -36.58	167.09 12.57 -43.29	198.97 15.38 -50.94	196.55 15.22 -48.97	181.85 12.12 -60.54	161.11 11.30 -47.09	152.67 11.85 -30.17	151.15 10.55 -40.09	146.39 9.93 -36.16

PORT_JEFF_4 23616	155.18 10.76 -43.91	151.36 10.25 -44.33	148.74 10.24 -40.95	148.37 11.92 -23.95	151.41 11.90 -28.34	155.84 13.51 -12.40	188.04 16.57 -4.12	223.65 17.07 -32.52	197.35 17.57 -7.56	168.82 14.03 -24.89	153.35 11.78 -32.53	146.92 10.39 -36.60	144.91 10.38 -33.82	145.00 10.04 -37.54	143.81 10.49 -32.51	152.29 11.28 -36.58	167.09 12.57 -43.29	198.97 15.38 -50.94	196.55 15.22 -48.97	181.85 12.12 -60.54	161.11 11.30 -47.09	152.67 11.85 -30.17	151.15 10.55 -40.09	146.39 9.93 -36.16
PORT_JEFF_IC 23713	155.32 10.85 -43.95	151.42 10.26 -44.39	148.78 10.24 -40.99	148.43 11.93 -24.00	151.56 12.01 -28.39	155.88 13.51 -12.43	188.06 16.57 -4.14	223.82 17.23 -32.52	197.52 17.74 -7.57	168.84 14.03 -24.92	153.50 11.89 -32.57	146.97 10.39 -36.65	145.07 10.47 -33.88	145.05 10.03 -37.59	144.16 10.79 -32.55	152.44 11.38 -36.62	167.25 12.68 -43.34	199.22 15.52 -51.06	196.65 15.22 -49.06	182.08 12.23 -60.67	161.27 11.40 -47.15	152.83 11.95 -30.22	151.21 10.55 -40.15	146.54 10.03 -36.21
PPL_PILGRIM_ST_GT1 24216	155.45 10.76 -44.18	151.77 10.36 -44.64	149.00 10.24 -41.21	148.77 12.04 -24.22	151.77 12.01 -28.59	156.19 13.64 -12.61	188.00 16.41 -4.25	223.65 17.07 -32.52	197.22 17.39 -7.61	169.12 14.16 -25.06	153.81 11.99 -32.78	147.62 10.80 -36.89	145.73 10.88 -34.13	145.70 10.43 -37.85	144.58 10.99 -32.77	152.86 11.59 -36.83	167.37 12.57 -43.58	199.89 15.64 -51.60	197.35 15.48 -49.51	182.79 12.33 -61.27	161.54 11.40 -47.42	153.44 12.28 -30.50	151.90 10.96 -40.44	147.19 10.43 -36.46
PPL_PILGRIM_ST_GT2 24217	155.45 10.76 -44.18	151.77 10.36 -44.64	149.00 10.24 -41.21	148.77 12.04 -24.22	151.77 12.01 -28.59	156.19 13.64 -12.61	188.00 16.41 -4.25	223.65 17.07 -32.52	197.22 17.39 -7.61	169.12 14.16 -25.06	153.81 11.99 -32.78	147.62 10.80 -36.89	145.73 10.88 -34.13	145.70 10.43 -37.85	144.58 10.99 -32.77	152.86 11.59 -36.83	167.37 12.57 -43.58	199.89 15.64 -51.60	197.35 15.48 -49.51	182.79 12.33 -61.27	161.54 11.40 -47.42	153.44 12.28 -30.50	151.90 10.96 -40.44	147.19 10.43 -36.46
PPL_SHRM_GT3 24213	155.19 10.76 -43.93	151.29 10.16 -44.35	148.66 10.14 -40.96	148.17 11.70 -23.97	151.43 11.90 -28.36	155.86 13.51 -12.41	188.21 16.73 -4.13	223.82 17.24 -32.52	197.69 17.91 -7.57	168.70 13.91 -24.90	153.14 11.55 -32.55	145.85 9.30 -36.62	143.82 9.26 -33.85	143.94 8.96 -37.56	142.42 9.08 -32.52	151.47 10.44 -36.60	166.89 12.35 -43.31	197.97 14.33 -50.99	195.54 14.17 -49.01	181.24 11.46 -60.59	160.72 10.88 -47.11	151.36 10.52 -30.19	149.86 9.24 -40.11	145.00 8.52 -36.18
PPL_SHRM_GT4 24214	155.19 10.76 -43.93	151.29 10.16 -44.35	148.66 10.14 -40.96	148.17 11.70 -23.97	151.43 11.90 -28.36	155.86 13.51 -12.41	188.21 16.73 -4.13	223.82 17.24 -32.52	197.69 17.91 -7.57	168.70 13.91 -24.90	153.14 11.55 -32.55	145.85 9.30 -36.62	143.82 9.26 -33.85	143.94 8.96 -37.56	142.42 9.08 -32.52	151.47 10.44 -36.60	166.89 12.35 -43.31	197.97 14.33 -50.99	195.54 14.17 -49.01	181.24 11.46 -60.59	160.72 10.88 -47.11	151.36 10.52 -30.19	149.86 9.24 -40.11	145.00 8.52 -36.18
PROJECT___ORANGE 1 24174	103.62 -0.80 -3.92	99.32 -0.97 -3.51	98.35 -1.17 -1.97	111.94 -1.58 -1.01	111.33 -1.45 -1.61	129.67 -1.30 -1.03	165.34 -2.01 0.00	171.98 -2.09 0.00	170.15 -2.07 0.00	130.78 -1.30 -2.18	108.06 -0.98 0.00	100.74 -0.90 -1.71	101.09 -0.91 -1.28	97.92 -0.88 -1.37	101.06 -0.81 -1.05	105.54 -0.73 -1.84	112.22 -0.67 -1.66	134.18 -0.27 -1.79	132.57 -0.40 -0.60	111.21 -0.87 -2.90	105.50 -0.82 -3.60	109.55 -1.11 0.00	99.40 -1.11 0.00	101.81 -1.00 -2.51
PROJECT___ORANGE 2 24166	103.62 -0.80 -3.92	99.32 -0.97 -3.51	98.35 -1.17 -1.97	111.94 -1.58 -1.01	111.33 -1.45 -1.61	129.67 -1.30 -1.03	165.34 -2.01 0.00	171.98 -2.09 0.00	170.15 -2.07 0.00	130.78 -1.30 -2.18	108.06 -0.98 0.00	100.74 -0.90 -1.71	101.09 -0.91 -1.28	97.92 -0.88 -1.37	101.06 -0.81 -1.05	105.54 -0.73 -1.84	112.22 -0.67 -1.66	134.18 -0.27 -1.79	132.57 -0.40 -0.60	111.21 -0.87 -2.90	105.50 -0.82 -3.60	109.55 -1.11 0.00	99.40 -1.11 0.00	101.81 -1.00 -2.51
PUCKETT___SOLAR 323809	118.65 2.92 -15.23	113.04 2.61 -13.66	107.56 2.34 -7.67	118.91 2.47 -3.93	119.99 2.56 -6.27	137.58 3.63 -4.02	172.03 4.68 0.00	181.37 4.70 -2.60	176.52 4.31 0.00	141.37 2.99 -8.48	116.69 2.83 -4.83	108.76 2.20 -6.63	107.89 2.21 -4.96	104.82 2.05 -5.34	107.21 2.32 -4.07	114.40 2.82 -7.14	126.09 3.67 -11.19	152.07 5.44 -13.98	151.19 5.30 -13.53	131.05 3.60 -18.26	122.81 3.29 -16.80	120.96 3.54 -6.77	110.63 3.12 -7.00	113.08 3.01 -9.77
PYRITES___HYD 24023	97.80 -2.71 0.00	94.55 -2.23 0.00	96.28 -1.27 0.00	112.28 -0.23 0.00	110.28 -0.89 0.00	128.12 -1.82 0.00	166.01 -1.34 0.00	173.20 -0.87 0.00	170.49 -1.72 0.00	126.39 -3.51 0.00	105.88 -3.16 0.00	95.94 -4.00 0.00	96.79 -3.93 0.00	93.72 -3.70 0.00	96.79 -4.03 0.00	99.73 -4.70 0.00	106.56 -4.67 0.00	125.88 -6.76 0.00	126.01 -6.35 0.00	104.93 -4.26 0.00	98.82 -3.90 0.00	108.55 -2.10 0.00	98.40 -2.11 0.00	98.70 -1.60 0.00
QUAKERRD_115KV_BK1 80622	102.26 -3.42 -5.17	97.73 -3.68 -4.63	95.96 -4.19 -2.60	108.55 -5.29 -1.33	108.40 -4.89 -2.13	125.84 -5.46 -1.36	158.48 -8.87 0.00	164.50 -9.57 0.00	162.74 -9.47 0.00	126.54 -6.24 -2.87	103.69 -5.34 0.00	98.09 -4.10 -2.25	98.27 -4.13 -1.68	95.05 -4.19 -1.81	98.07 -4.13 -1.38	102.68 -4.18 -2.42	108.75 -4.67 -2.19	130.63 -4.38 -2.37	128.13 -5.03 -0.79	107.66 -5.35 -3.82	102.64 -4.83 -4.75	104.57 -6.09 0.00	95.38 -5.13 0.00	99.30 -4.31 -3.31
QUENSBRY_115KV_TB8 356137	163.56 9.35 -53.71	153.74 8.81 -48.16	133.38 8.78 -27.05	136.27 9.90 -13.87	143.39 10.12 -22.11	156.45 12.34 -14.17	183.41 16.07 0.00	240.88 17.06 -49.75	191.16 18.94 0.00	173.95 14.16 -29.89	167.69 11.45 -47.20	133.52 10.19 -23.39	128.29 10.07 -17.50	125.80 9.55 -18.83	124.33 9.17 -14.33	139.85 10.23 -25.19	191.37 11.12 -69.02	239.38 13.66 -93.07	263.78 13.77 -117.65	228.27 10.92 -108.16	189.70 10.27 -76.71	187.57 10.73 -66.18	178.63 9.65 -68.48	144.08 9.33 -34.44
RAMAPO___LBMP 323565	147.43 6.23 -40.69	139.16 5.90 -36.49	124.00 5.95 -20.50	129.87 6.86 -10.51	134.81 6.89 -16.75	148.72 8.06 -10.73	176.22 8.87 0.00	187.88 9.40 -4.41	182.03 9.82 0.00	161.51 8.96 -22.64	126.57 7.09 -10.44	124.15 6.50 -17.72	120.52 6.55 -13.26	118.03 6.33 -14.27	118.44 6.76 -10.86	130.51 7.00 -19.08	146.29 7.56 -27.49	175.98 9.55 -33.78	172.09 9.27 -30.45	161.83 7.42 -45.22	153.06 6.88 -43.46	132.60 7.30 -14.64	122.19 6.53 -15.15	132.52 6.12 -26.10
RANKINE____ 23646	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.63 -5.56 -3.64	107.17 -7.20 -1.87	107.70 -6.45 -2.98	124.31 -7.54 -1.91	156.13 -11.21 0.00	161.54 -12.53 0.00	159.64 -12.57 0.00	124.31 -9.61 -4.02	104.44 -6.54 -1.94	97.19 -5.90 -3.15	97.03 -6.04 -2.36	93.73 -6.24 -2.54	96.90 -5.85 -1.93	101.87 -5.95 -3.39	109.41 -6.78 -4.97	132.14 -6.63 -6.13	130.16 -7.81 -5.61	108.72 -8.63 -8.16	103.10 -7.40 -7.77	105.52 -7.86 -2.72	96.99 -6.33 -2.81	99.32 -5.62 -4.64
RAVENSWOOD_GT2_1 24244	151.12 8.24 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43

RAVENSWOOD_GT2_2 24245	151.12 8.24 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT2_3 24246	151.22 8.34 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.74 9.12 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	191.04 12.36 -4.61	185.13 12.92 0.00	178.42 11.69 -36.83	158.60 9.16 -40.40	158.65 8.39 -50.32	155.89 8.46 -46.71	153.71 8.18 -48.10	154.00 8.67 -44.51	156.14 8.98 -42.72	171.94 9.68 -51.03	191.88 11.94 -47.29	175.89 11.78 -31.74	165.68 9.39 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.55 8.34 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT2_4 24247	151.22 8.34 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.74 9.12 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	191.04 12.36 -4.61	185.13 12.92 0.00	178.42 11.69 -36.83	158.60 9.16 -40.40	158.65 8.39 -50.32	155.89 8.46 -46.71	153.71 8.18 -48.10	154.00 8.67 -44.51	156.14 8.98 -42.72	171.94 9.68 -51.03	191.88 11.94 -47.29	175.89 11.78 -31.74	165.68 9.39 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.55 8.34 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT3_1 24248	151.12 8.24 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.60 9.16 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT3_2 24249	151.12 8.24 -42.37	142.60 7.84 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.60 9.16 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT3_3 24250	151.32 8.44 -42.37	142.69 7.94 -37.99	126.79 7.90 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	151.91 10.78 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	178.55 11.82 -36.83	158.71 9.27 -40.40	158.75 8.49 -50.32	155.99 8.56 -46.71	153.81 8.28 -48.10	154.20 8.87 -44.51	156.24 9.09 -42.72	172.05 9.79 -51.03	192.01 12.07 -47.29	176.02 11.91 -31.74	165.79 9.50 -47.10	156.82 8.83 -45.26	147.67 9.41 -27.60	145.65 8.44 -36.70	146.66 7.92 -38.43
RAVENSWOOD_GT3_4 24251	151.32 8.44 -42.37	142.69 7.94 -37.99	126.79 7.90 -21.34	141.62 9.23 -19.90	141.85 9.23 -21.46	151.91 10.78 -11.19	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	178.55 11.82 -36.83	158.71 9.27 -40.40	158.75 8.49 -50.32	155.99 8.56 -46.71	153.81 8.28 -48.10	154.20 8.87 -44.51	156.24 9.09 -42.72	172.05 9.79 -51.03	192.01 12.07 -47.29	176.02 11.91 -31.74	165.79 9.50 -47.10	156.82 8.83 -45.26	147.67 9.41 -27.60	145.65 8.44 -36.70	146.66 7.92 -38.43
RAVENSWOOD_GT_1 23729	151.72 8.84 -42.37	143.08 8.32 -37.99	127.18 8.29 -21.34	150.16 9.34 -28.32	150.58 9.34 -30.08	160.17 11.04 -19.19	187.96 12.22 -8.40	223.43 12.88 -36.47	223.24 13.61 -37.42	210.09 12.21 -67.98	189.06 9.60 -70.42	189.08 8.79 -80.35	186.71 8.86 -77.14	184.84 8.57 -78.84	185.20 9.17 -75.20	183.47 9.40 -69.64	203.52 10.12 -82.17	220.11 12.47 -74.99	203.89 12.31 -59.21	199.98 9.83 -80.96	194.53 9.14 -82.66	181.52 9.85 -61.01	171.36 8.74 -62.10	161.58 8.33 -52.95
RAVENSWOOD_GT_10 24258	151.12 8.24 -42.37	142.50 7.74 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT_11 24259	151.12 8.24 -42.37	142.50 7.74 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD_GT_4 24252	151.02 8.14 -42.37	142.50 7.74 -37.99	126.59 7.71 -21.34	147.81 9.00 -26.31	148.19 9.00 -28.02	157.87 10.65 -17.28	185.29 11.55 -6.39	215.13 12.18 -28.87	213.28 12.57 -28.50	202.01 11.56 -60.55	181.35 9.05 -63.26	181.41 8.29 -73.19	178.95 8.36 -69.88	177.02 8.09 -71.51	177.27 8.57 -67.88	176.42 8.77 -63.22	195.43 9.45 -74.75	212.84 11.81 -68.39	196.54 11.52 -52.66	191.35 9.28 -72.88	185.09 8.63 -73.74	172.88 9.18 -53.04	164.79 8.24 -56.04	157.51 7.72 -49.48
RAVENSWOOD_GT_5 24254	151.02 8.14 -42.37	142.50 7.74 -37.99	126.59 7.71 -21.34	147.81 9.00 -26.31	148.19 9.00 -28.02	157.87 10.65 -17.28	185.29 11.55 -6.39	215.13 12.18 -28.87	213.28 12.57 -28.50	202.01 11.56 -60.55	181.35 9.05 -63.26	181.41 8.29 -73.19	178.95 8.36 -69.88	177.02 8.09 -71.51	177.27 8.57 -67.88	176.42 8.77 -63.22	195.43 9.45 -74.75	212.84 11.81 -68.39	196.54 11.52 -52.66	191.35 9.28 -72.88	185.09 8.63 -73.74	172.88 9.18 -53.04	164.79 8.24 -56.04	157.51 7.72 -49.48
RAVENSWOOD_GT_6 24253	151.02 8.14 -42.37	142.50 7.74 -37.99	126.59 7.71 -21.34	147.81 9.00 -26.31	148.19 9.00 -28.02	157.87 10.65 -17.28	185.29 11.55 -6.39	215.13 12.18 -28.87	213.28 12.57 -28.50	202.01 11.56 -60.55	181.35 9.05 -63.26	181.41 8.29 -73.19	178.95 8.36 -69.88	177.02 8.09 -71.51	177.27 8.57 -67.88	176.42 8.77 -63.22	195.43 9.45 -74.75	212.84 11.81 -68.39	196.54 11.52 -52.66	191.35 9.28 -72.88	185.09 8.63 -73.74	172.88 9.18 -53.04	164.79 8.24 -56.04	157.51 7.72 -49.48
RAVENSWOOD_GT_7 24255	151.02 8.14 -42.37	142.50 7.74 -37.99	126.59 7.71 -21.34	147.81 9.00 -26.31	148.19 9.00 -28.02	157.87 10.65 -17.28	185.29 11.55 -6.39	215.13 12.18 -28.87	213.28 12.57 -28.50	202.01 11.56 -60.55	181.35 9.05 -63.26	181.41 8.29 -73.19	178.95 8.36 -69.88	177.02 8.09 -71.51	177.27 8.57 -67.88	176.42 8.77 -63.22	195.43 9.45 -74.75	212.84 11.81 -68.39	196.54 11.52 -52.66	191.35 9.28 -72.88	185.09 8.63 -73.74	172.88 9.18 -53.04	164.79 8.24 -56.04	157.51 7.72 -49.48
RAVENSWOOD_GT_8 TEMP GRP(8-11) 24256	151.12 8.24 -42.37	142.50 7.74 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43

RAVENSWOOD_GT_9 24257	151.12 8.24 -42.37	142.50 7.74 -37.99	126.69 7.80 -21.34	141.51 9.11 -19.90	141.63 9.00 -21.46	151.78 10.65 -11.19	179.06 11.71 0.00	190.87 12.18 -4.61	184.96 12.74 0.00	178.29 11.56 -36.83	158.49 9.05 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.09 -48.10	154.00 8.67 -44.51	156.03 8.88 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.76 11.65 -31.74	165.57 9.28 -47.10	156.72 8.73 -45.26	147.56 9.30 -27.60	145.45 8.24 -36.70	146.56 7.82 -38.43
RAVENSWOOD___1 23533	151.72 8.85 -42.37	142.98 8.22 -37.99	127.08 8.20 -21.34	141.62 9.23 -19.90	141.84 9.22 -21.46	152.04 10.92 -11.19	179.40 12.06 0.00	191.56 12.88 -4.61	185.82 13.60 0.00	178.93 12.21 -36.83	159.04 9.60 -40.40	159.05 8.80 -50.32	156.29 8.86 -46.71	154.00 8.47 -48.10	154.41 9.08 -44.51	156.45 9.29 -42.72	172.38 10.12 -51.03	192.40 12.47 -47.29	176.42 12.31 -31.74	166.12 9.83 -47.10	157.12 9.14 -45.26	148.10 9.85 -27.60	145.95 8.74 -36.70	147.05 8.32 -38.43
RAVENSWOOD___2 23534	151.52 8.64 -42.37	142.79 8.03 -37.99	126.89 8.00 -21.34	141.40 9.00 -19.90	141.62 9.00 -21.46	151.78 10.66 -11.19	179.06 11.71 0.00	191.04 12.36 -4.61	185.48 13.26 0.00	178.67 11.94 -36.83	158.82 9.38 -40.40	158.85 8.60 -50.32	156.09 8.66 -46.71	153.80 8.28 -48.10	154.10 8.77 -44.51	156.24 9.08 -42.72	172.16 9.90 -51.03	192.01 12.07 -47.29	176.15 12.04 -31.74	165.90 9.61 -47.10	156.92 8.93 -45.26	147.88 9.62 -27.60	145.74 8.54 -36.70	146.85 8.12 -38.43
RAVENSWOOD___3 23535	151.12 8.24 -42.37	142.59 7.84 -37.99	126.70 7.81 -21.34	141.51 9.11 -19.90	141.62 9.00 -21.46	151.78 10.66 -11.19	179.06 11.71 0.00	190.86 12.18 -4.61	184.96 12.74 0.00	178.42 11.70 -36.83	158.60 9.16 -40.40	158.55 8.29 -50.32	155.89 8.46 -46.71	153.61 8.08 -48.10	153.89 8.57 -44.51	156.03 8.87 -42.72	171.83 9.57 -51.03	191.88 11.94 -47.29	175.88 11.78 -31.74	165.57 9.28 -47.10	156.71 8.73 -45.26	147.56 9.30 -27.60	145.54 8.34 -36.70	146.56 7.83 -38.43
RAVENSWOOD___4 23820	151.62 8.74 -42.37	142.89 8.13 -37.99	126.98 8.09 -21.34	133.33 9.23 -11.60	133.35 9.22 -12.96	144.16 10.92 -3.31	170.96 11.88 8.27	160.00 12.70 26.77	148.80 13.44 36.85	148.13 12.08 -6.15	129.36 9.48 -10.84	129.38 8.69 -20.76	126.22 8.76 -16.75	123.73 8.47 -17.83	124.07 8.97 -14.28	129.94 9.29 -16.22	141.61 10.01 -20.37	165.00 12.34 -20.01	149.37 12.31 -4.69	132.67 9.71 -13.76	120.20 9.04 -8.43	115.10 9.74 5.30	120.83 8.64 -11.68	132.66 8.23 -24.13
RCPL_TRUST___DRP 24196	151.31 8.44 -42.36	142.69 7.94 -37.98	126.79 7.90 -21.33	133.47 9.23 -11.74	138.08 9.12 -17.80	151.89 10.78 -11.17	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	171.63 11.82 -29.91	131.94 9.38 -13.53	129.83 8.59 -21.31	126.13 8.66 -16.76	123.64 8.38 -17.83	124.08 8.97 -14.28	135.43 9.09 -21.91	151.65 9.79 -30.63	181.11 12.20 -36.26	176.00 11.91 -31.72	165.77 9.50 -47.08	156.80 8.83 -45.24	136.42 9.41 -16.36	126.61 8.44 -17.66	136.40 7.92 -28.17
RED___ROCHESTER 323720	104.93 -0.91 -5.33	100.10 -1.45 -4.78	98.18 -2.05 -2.69	110.85 -3.03 -1.38	110.81 -2.55 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.85 -6.37 0.00	128.97 -3.89 -2.96	105.87 -3.17 0.00	100.55 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.05 -1.88 -2.50	111.15 -2.34 -2.26	133.89 -1.20 -2.44	131.06 -2.12 -0.82	109.85 -3.27 -3.94	104.64 -2.98 -4.90	106.68 -3.98 0.00	97.39 -3.12 0.00	101.61 -2.11 -3.42
REGAN___SOLAR 323812	168.16 10.05 -57.60	158.01 9.58 -51.65	135.93 9.37 -29.02	138.18 10.80 -14.88	145.89 11.01 -23.71	158.77 13.64 -15.20	185.59 18.24 0.00	242.63 18.98 -49.58	190.29 18.08 0.00	174.55 12.60 -32.06	165.50 9.82 -46.65	133.31 8.29 -25.09	127.75 8.26 -18.77	125.42 7.80 -20.20	124.67 8.47 -15.37	141.47 10.03 -27.01	193.03 11.68 -70.13	241.42 14.72 -94.05	264.27 14.95 -116.95	231.43 12.01 -110.24	193.89 11.20 -79.97	187.90 11.85 -65.40	178.63 10.45 -67.67	147.28 10.03 -36.94
RENSSELAER___COGEN 23796	156.55 4.22 -51.82	147.31 4.06 -46.47	127.36 3.71 -26.10	130.05 4.17 -13.38	136.39 3.89 -21.33	148.03 4.42 -13.67	172.36 5.02 0.00	204.55 5.05 -25.43	177.38 5.16 0.00	163.55 4.81 -28.84	142.31 4.91 -28.36	127.20 4.70 -22.57	122.14 4.54 -16.89	119.98 4.39 -18.17	118.98 4.33 -13.83	133.22 4.49 -24.30	165.33 4.33 -49.76	202.56 5.04 -64.87	210.95 4.90 -73.68	192.55 3.93 -79.43	170.38 3.59 -64.06	154.51 4.10 -39.76	145.67 4.02 -41.14	137.56 4.02 -33.24
REPUBLIC_115KV_BARTNBRK 55605	168.45 14.27 -53.67	158.45 13.55 -48.13	137.85 13.27 -27.03	141.44 15.08 -13.86	148.71 15.45 -22.10	162.93 18.84 -14.16	192.62 25.27 0.00	250.52 26.98 -49.47	200.29 28.07 0.00	180.29 20.52 -29.87	172.60 16.57 -46.99	138.00 14.69 -23.37	132.71 14.50 -17.49	129.98 13.74 -18.82	128.96 13.81 -14.32	145.16 15.56 -25.17	196.93 16.91 -68.79	246.08 20.69 -92.74	270.42 20.91 -117.15	233.72 16.71 -107.83	194.89 15.61 -76.55	193.03 16.49 -65.88	183.45 14.77 -68.16	149.17 14.44 -34.42
REVERE_CPFR_DRP 24186	106.96 4.32 -2.13	102.74 4.06 -1.91	102.52 3.90 -1.07	117.78 4.73 -0.55	116.82 4.78 -0.87	136.86 6.37 -0.56	176.05 8.70 0.00	183.64 9.57 0.00	181.17 8.96 0.00	137.32 6.24 -1.18	114.49 5.45 0.00	105.56 4.70 -0.93	106.14 4.73 -0.69	102.65 4.48 -0.75	106.13 4.74 -0.57	110.65 5.22 -1.00	117.80 5.67 -0.90	141.45 7.83 -0.97	140.24 7.54 -0.33	116.66 5.90 -1.57	110.02 5.34 -1.95	116.08 5.42 0.00	105.23 4.72 0.00	106.18 4.51 -1.36
REYNOLDS_115KV_TB3 80639	157.46 5.03 -51.93	148.17 4.84 -46.56	128.29 4.58 -26.16	131.09 5.18 -13.41	137.66 5.11 -21.38	149.48 5.85 -13.70	174.04 6.69 0.00	209.73 6.96 -28.69	179.28 7.06 0.00	164.90 6.11 -28.90	145.68 5.78 -30.87	127.84 5.30 -22.61	122.87 5.24 -16.92	120.70 5.07 -18.21	119.82 5.14 -13.86	134.11 5.33 -24.35	168.94 5.45 -52.26	207.84 6.63 -68.56	218.23 6.35 -79.52	197.36 5.02 -83.15	173.06 4.73 -65.61	159.14 5.20 -43.28	150.21 4.92 -44.78	138.42 4.81 -33.30
RIVERBAY____ 323610	152.73 9.85 -42.37	144.15 9.39 -37.99	128.16 9.27 -21.34	133.17 9.68 -10.99	138.19 9.56 -17.47	152.43 11.30 -11.19	179.90 12.55 0.00	192.08 13.40 -4.61	186.16 13.95 0.00	166.17 12.34 -23.93	129.88 9.81 -11.03	127.44 8.89 -18.61	123.65 8.96 -13.98	121.12 8.67 -15.02	121.57 9.28 -11.48	133.92 9.50 -19.99	150.32 10.34 -28.75	180.63 12.73 -35.25	176.55 12.44 -31.74	166.34 10.05 -47.10	157.33 9.35 -45.26	136.05 10.07 -15.32	125.45 9.05 -15.89	136.26 8.73 -27.23
RIVERSIDE_115KV_TB3 55908	157.28 4.72 -52.05	147.99 4.55 -46.67	128.06 4.29 -26.22	130.78 4.84 -13.44	137.15 4.56 -21.43	148.99 5.33 -13.73	173.37 6.02 0.00	209.38 6.27 -29.05	178.59 6.37 0.00	164.58 5.72 -28.96	145.75 5.56 -31.15	127.80 5.20 -22.67	122.81 5.14 -16.96	120.64 4.97 -18.25	119.55 4.84 -13.89	133.96 5.12 -24.41	168.83 5.01 -52.60	207.65 5.97 -69.03	218.39 5.82 -80.20	197.43 4.59 -83.66	172.93 4.31 -65.89	159.10 4.76 -43.68	150.33 4.62 -45.19	138.30 4.61 -33.38
ROARING___BROOK_WT_PWR 323790	98.70 -1.81 0.00	95.22 -1.55 0.00	96.28 -1.27 0.00	111.38 -1.12 0.00	110.05 -1.11 0.00	128.38 -1.55 0.00	165.84 -1.51 0.00	172.67 -1.40 0.00	170.83 -1.38 0.00	128.35 -1.55 0.00	107.73 -1.30 0.00	98.53 -1.40 0.00	99.30 -1.41 0.00	96.06 -1.36 0.00	99.31 -1.51 0.00	102.76 -1.67 0.00	109.45 -1.78 0.00	130.12 -2.52 0.00	129.85 -2.52 0.00	107.44 -1.75 0.00	101.08 -1.65 0.00	109.11 -1.55 0.00	99.10 -1.41 0.00	99.00 -1.31 0.00

ROCHESRG_115KV_T4 355643	103.79 -2.01 -5.29	99.10 -2.42 -4.75	97.29 -2.93 -2.67	109.93 -3.94 -1.37	109.79 -3.56 -2.18	127.43 -3.90 -1.40	159.98 -7.36 0.00	165.89 -8.18 0.00	164.12 -8.09 0.00	127.65 -5.20 -2.95	104.57 -4.47 0.00	99.24 -3.00 -2.30	99.32 -3.12 -1.72	96.07 -3.22 -1.86	99.21 -3.02 -1.41	103.89 -3.03 -2.48	109.92 -3.56 -2.25	132.15 -2.92 -2.42	129.47 -3.71 -0.81	108.51 -4.59 -3.91	103.69 -3.90 -4.87	105.46 -5.20 0.00	96.29 -4.22 0.00	100.49 -3.21 -3.39
ROCHESTER_9_IC 23652	104.43 -1.41 -5.33	99.71 -1.84 -4.78	97.80 -2.44 -2.69	110.39 -3.49 -1.38	110.36 -3.00 -2.19	128.09 -3.25 -1.41	160.99 -6.36 0.00	166.93 -7.14 0.00	165.15 -7.06 0.00	128.45 -4.42 -2.97	105.33 -3.71 0.00	99.86 -2.40 -2.32	100.04 -2.42 -1.74	96.76 -2.53 -1.87	99.93 -2.32 -1.42	104.53 -2.40 -2.50	110.60 -2.89 -2.26	133.10 -1.99 -2.44	130.27 -2.91 -0.82	109.31 -3.82 -3.94	104.34 -3.29 -4.90	106.12 -4.54 0.00	96.89 -3.62 0.00	101.11 -2.61 -3.42
ROCKVIEW_13_KV_LD 356306	150.91 8.04 -42.36	142.30 7.55 -37.98	126.50 7.61 -21.34	132.44 9.00 -10.94	137.50 8.89 -17.44	151.63 10.52 -11.17	179.06 11.71 0.00	191.04 12.36 -4.61	185.13 12.92 0.00	165.03 11.56 -23.57	129.08 9.16 -10.88	126.78 8.39 -18.45	123.08 8.56 -13.80	120.46 8.18 -14.85	120.90 8.77 -11.30	133.28 8.98 -19.86	149.53 9.68 -28.63	179.90 12.07 -35.18	176.00 11.91 -31.72	165.77 9.50 -47.08	156.80 8.83 -45.24	135.32 9.41 -15.25	124.73 8.44 -15.78	135.39 7.92 -27.17
ROME____115KV_TB2 80656	106.96 4.32 -2.13	102.74 4.06 -1.91	102.52 3.90 -1.07	117.78 4.73 -0.55	116.82 4.78 -0.87	136.86 6.37 -0.56	176.05 8.70 0.00	183.64 9.57 0.00	181.17 8.96 0.00	137.32 6.24 -1.18	114.49 5.45 0.00	105.56 4.70 -0.93	106.14 4.73 -0.69	102.65 4.48 -0.75	106.13 4.74 -0.57	110.65 5.22 -1.00	117.80 5.67 -0.90	141.45 7.83 -0.97	140.24 7.54 -0.33	116.66 5.90 -1.57	110.02 5.34 -1.95	116.08 5.42 0.00	105.23 4.72 0.00	106.18 4.51 -1.36
ROSETON___1 23587	149.18 6.34 -42.34	140.74 6.00 -37.97	124.93 6.05 -21.33	130.53 7.09 -10.93	135.60 7.01 -17.43	149.29 8.19 -11.17	176.38 9.03 0.00	187.94 9.39 -4.47	182.03 9.81 0.00	162.42 8.96 -23.56	127.00 7.19 -10.77	125.07 6.70 -18.44	121.26 6.75 -13.80	118.70 6.43 -14.84	118.98 6.86 -11.30	131.39 7.10 -19.85	147.41 7.67 -28.51	177.34 9.68 -35.01	173.37 9.54 -31.47	163.63 7.53 -46.91	154.87 6.99 -45.16	133.29 7.53 -15.10	122.87 6.73 -15.62	133.78 6.32 -27.15
ROSETON___2 23588	149.18 6.34 -42.34	140.74 6.00 -37.97	124.93 6.05 -21.33	130.53 7.09 -10.93	135.60 7.01 -17.43	149.29 8.19 -11.17	176.38 9.03 0.00	187.94 9.39 -4.47	182.03 9.81 0.00	162.42 8.96 -23.56	127.00 7.19 -10.77	125.07 6.70 -18.44	121.26 6.75 -13.80	118.70 6.43 -14.84	118.98 6.86 -11.30	131.39 7.10 -19.85	147.41 7.67 -28.51	177.34 9.68 -35.01	173.37 9.54 -31.47	163.63 7.53 -46.91	154.87 6.99 -45.16	133.29 7.53 -15.10	122.87 6.73 -15.62	133.78 6.32 -27.15
ROTRRDAM_115KV_TB3 80664	159.64 4.82 -54.31	150.02 4.55 -48.70	129.39 4.49 -27.36	131.70 5.18 -14.03	138.75 5.22 -22.36	150.50 6.24 -14.33	174.88 7.53 0.00	236.29 7.83 -54.38	179.97 7.75 0.00	166.36 6.24 -30.22	164.96 5.12 -50.80	128.18 4.60 -23.65	123.05 4.63 -17.70	120.85 4.38 -19.04	120.06 4.74 -14.49	135.02 5.12 -25.47	189.59 5.56 -72.80	238.11 6.90 -98.57	265.33 6.88 -126.08	228.48 5.46 -113.83	187.21 5.14 -79.35	187.31 5.42 -71.23	179.13 4.92 -73.69	139.85 4.71 -34.83
RUSSELL___1 23602	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
RUSSELL___2 23532	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
RUSSELL___3 23549	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
RUSSELL___4 23556	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
RUSSELL___STATION 23914	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
S SALMON___HYD 24043	102.79 -0.81 -3.09	98.67 -0.87 -2.77	98.04 -1.07 -1.56	111.96 -1.35 -0.80	111.22 -1.22 -1.27	129.85 -0.90 -0.82	166.35 -1.00 0.00	173.55 -0.52 0.00	171.36 -0.86 0.00	130.72 -0.90 -1.72	108.39 -0.65 0.00	100.48 -0.80 -1.35	100.91 -0.81 -1.01	97.63 -0.88 -1.08	100.84 -0.81 -0.82	105.36 -0.52 -1.45	112.21 -0.33 -1.31	134.59 0.53 -1.42	133.24 0.40 -0.47	111.36 -0.11 -2.28	105.36 -0.21 -2.84	110.11 -0.55 0.00	99.91 -0.60 0.00	101.59 -0.70 -1.98
S.PERRY__115KV_TB1 80734	110.07 2.01 -7.55	104.80 1.26 -6.77	101.94 0.59 -3.80	114.56 0.11 -1.95	115.05 0.78 -3.11	133.61 1.69 -1.99	168.69 1.34 0.00	169.37 -4.70 0.00	166.70 -5.51 0.00	129.68 -4.42 -4.20	107.80 -3.27 -2.04	100.62 -2.60 -3.29	100.45 -2.72 -2.46	97.34 -2.73 -2.65	100.52 -2.32 -2.01	106.09 -1.88 -3.54	114.53 -1.89 -5.20	138.92 -0.13 -6.41	137.32 -0.93 -5.88	115.32 -2.40 -8.53	112.07 1.23 -8.12	114.18 0.66 -2.85	104.37 0.90 -2.95	106.55 1.40 -4.84
SAWYER_23_KV_LOAD_REV_LBMP_A 345024	103.11 -4.32 -6.93	98.24 -4.74 -6.21	95.28 -5.76 -3.49	106.75 -7.54 -1.79	107.13 -6.89 -2.85	123.58 -8.19 -1.83	154.46 -12.89 0.00	159.45 -14.62 0.00	157.75 -14.47 0.00	123.10 -10.65 -3.85	103.04 -7.85 -1.85	96.35 -6.60 -3.02	96.22 -6.75 -2.26	92.94 -6.92 -2.43	96.12 -6.55 -1.85	101.00 -6.68 -3.25	108.42 -7.56 -4.75	130.94 -7.56 -5.85	128.98 -8.74 -5.35	107.49 -9.50 -7.80	102.15 -8.01 -7.44	104.18 -9.07 -2.59	95.85 -7.34 -2.68	98.53 -6.22 -4.44

SAWYER___23_KV_LOAD 55526	103.11 -4.32 -6.93	98.24 -4.74 -6.21	95.28 -5.76 -3.49	106.75 -7.54 -1.79	107.13 -6.89 -2.85	123.58 -8.19 -1.83	154.46 -12.89 0.00	159.45 -14.62 0.00	157.75 -14.47 0.00	123.10 -10.65 -3.85	103.04 -7.85 -1.85	96.35 -6.60 -3.02	96.22 -6.75 -2.26	92.94 -6.92 -2.43	96.12 -6.55 -1.85	101.00 -6.68 -3.25	108.42 -7.56 -4.75	130.94 -7.56 -5.85	128.98 -8.74 -5.35	107.49 -9.50 -7.80	102.15 -8.01 -7.44	104.18 -9.07 -2.59	95.85 -7.34 -2.68	98.53 -6.22 -4.44
SELKIRK___I 23801	156.29 4.72 -51.05	147.10 4.55 -45.78	127.55 4.29 -25.72	130.52 4.83 -13.18	136.85 4.67 -21.02	148.86 5.46 -13.47	173.70 6.36 0.00	198.15 6.09 -18.00	178.41 6.19 0.00	163.51 5.20 -28.41	136.39 4.79 -22.56	126.67 4.50 -22.24	121.78 4.43 -16.64	119.61 4.28 -17.90	118.78 4.33 -13.63	132.96 4.59 -23.94	159.77 4.78 -43.76	194.46 5.70 -56.11	198.18 5.69 -60.13	184.12 4.48 -70.46	167.04 4.31 -60.00	147.04 4.75 -31.63	137.76 4.53 -32.73	137.56 4.52 -32.74
SELKIRK___II 23799	156.20 4.12 -51.56	146.98 3.97 -46.24	127.33 3.80 -25.97	130.09 4.27 -13.32	136.51 4.12 -21.23	148.35 4.81 -13.60	172.70 5.35 0.00	198.91 5.40 -19.43	177.72 5.51 0.00	163.53 4.93 -28.70	137.47 4.69 -23.74	126.78 4.39 -22.46	121.95 4.43 -16.81	119.79 4.28 -18.08	118.82 4.23 -13.76	133.00 4.39 -24.18	160.82 4.45 -45.13	196.02 5.31 -58.06	200.47 5.16 -62.95	185.89 4.15 -72.55	167.78 3.90 -61.16	148.26 4.31 -33.29	139.08 4.12 -34.44	137.39 4.02 -33.07
SENECA OSWGO___HYD 24041	102.47 -1.50 -3.47	98.24 -1.65 -3.11	97.44 -1.86 -1.75	111.03 -2.37 -0.90	110.37 -2.22 -1.43	128.64 -2.21 -0.92	164.16 -3.18 0.00	170.94 -3.13 0.00	169.12 -3.09 0.00	129.75 -2.08 -1.93	107.29 -1.75 0.00	99.95 -1.50 -1.51	100.23 -1.62 -1.13	97.08 -1.56 -1.22	100.24 -1.51 -0.93	104.60 -1.46 -1.63	111.25 -1.45 -1.47	133.17 -1.07 -1.59	131.70 -1.19 -0.53	110.22 -1.53 -2.56	104.48 -1.44 -3.19	108.88 -1.77 0.00	98.90 -1.61 0.00	101.03 -1.50 -2.23
SENECA___115KV_TB3 355854	103.92 -3.82 -7.23	99.00 -4.26 -6.49	95.83 -5.37 -3.64	107.40 -6.98 -1.87	107.81 -6.34 -2.98	124.44 -7.41 -1.91	156.47 -10.88 0.00	161.88 -12.18 0.00	159.99 -12.23 0.00	124.57 -9.35 -4.02	104.65 -6.32 -1.94	97.39 -5.70 -3.15	97.23 -5.84 -2.36	93.92 -6.04 -2.54	97.11 -5.65 -1.93	102.08 -5.74 -3.39	109.64 -6.56 -4.97	132.27 -6.50 -6.13	130.29 -7.68 -5.61	108.94 -8.41 -8.16	103.31 -7.19 -7.77	105.63 -7.75 -2.72	97.19 -6.13 -2.81	99.53 -5.42 -4.64
SENECA___ENERGY 23797	105.46 -0.70 -5.65	100.87 -0.97 -5.07	98.94 -1.46 -2.85	111.82 -2.14 -1.46	111.60 -1.89 -2.33	129.87 -1.55 -1.49	165.00 -2.34 0.00	171.46 -2.61 0.00	169.45 -2.76 0.00	130.96 -2.08 -3.15	108.99 -1.53 -1.48	101.09 -1.30 -2.46	101.25 -1.31 -1.84	98.04 -1.36 -1.98	101.13 -1.21 -1.51	106.04 -1.04 -2.65	114.31 -0.77 -3.85	137.25 -0.13 -4.74	136.27 -0.40 -4.31	114.32 -1.20 -6.33	107.44 -1.34 -6.05	111.08 -1.66 -2.08	101.46 -1.20 -2.15	102.92 -1.00 -3.62
SHOEMAKER___GT 23640	144.77 5.63 -38.64	136.74 5.32 -34.65	122.38 5.36 -19.46	128.66 6.18 -9.98	133.30 6.22 -15.91	147.27 7.14 -10.19	175.38 8.03 0.00	186.61 8.36 -4.18	180.82 8.61 0.00	159.20 7.79 -21.50	125.06 6.10 -9.92	122.36 5.59 -16.83	118.94 5.64 -12.59	116.43 5.45 -13.55	116.98 5.85 -10.31	128.61 6.05 -18.12	144.01 6.67 -26.11	173.23 8.50 -32.09	169.77 8.48 -28.93	158.79 6.66 -42.94	150.15 6.16 -41.27	131.20 6.64 -13.91	120.83 5.93 -14.39	130.60 5.51 -24.78
SHOEMAKR_138KV_BK 111 55601	144.41 5.53 -38.38	136.41 5.23 -34.41	122.15 5.27 -19.33	128.49 6.08 -9.91	133.08 6.11 -15.80	147.20 7.15 -10.12	175.21 7.87 0.00	186.58 8.36 -4.15	180.83 8.61 0.00	158.92 7.66 -21.36	124.99 6.11 -9.85	122.24 5.60 -16.71	118.96 5.74 -12.51	116.34 5.46 -13.45	116.91 5.85 -10.24	128.49 6.06 -18.00	143.83 6.67 -25.93	173.00 8.49 -31.86	169.43 8.34 -28.73	158.50 6.66 -42.65	149.87 6.16 -40.98	131.00 6.53 -13.81	120.63 5.83 -14.29	130.33 5.42 -24.61
SHOREHAM_IC_1 23715	155.19 10.76 -43.93	151.29 10.16 -44.35	148.66 10.14 -40.96	148.17 11.70 -23.97	151.43 11.90 -28.36	155.86 13.51 -12.41	188.21 16.73 -4.13	223.82 17.24 -32.52	197.69 17.91 -7.57	168.70 13.91 -24.90	153.14 11.55 -32.55	145.85 9.30 -36.62	143.82 9.26 -33.85	143.94 8.96 -37.56	142.42 9.08 -32.52	151.47 10.44 -36.60	166.89 12.35 -43.31	197.97 14.33 -50.99	195.54 14.17 -49.01	181.24 11.46 -60.59	160.72 10.88 -47.11	151.36 10.52 -30.19	149.86 9.24 -40.11	145.00 8.52 -36.18
SHOREHAM_IC_2 23716	155.19 10.76 -43.93	151.29 10.16 -44.35	148.66 10.14 -40.96	148.17 11.70 -23.97	151.43 11.90 -28.36	155.86 13.51 -12.41	188.21 16.73 -4.13	223.82 17.24 -32.52	197.69 17.91 -7.57	168.70 13.91 -24.90	153.14 11.55 -32.55	145.85 9.30 -36.62	143.82 9.26 -33.85	143.94 8.96 -37.56	142.42 9.08 -32.52	151.47 10.44 -36.60	166.89 12.35 -43.31	197.97 14.33 -50.99	195.54 14.17 -49.01	181.24 11.46 -60.59	160.72 10.88 -47.11	151.36 10.52 -30.19	149.86 9.24 -40.11	145.00 8.52 -36.18
SISSONVILLE____ 23735	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.03 0.00	108.39 -2.78 0.00	125.52 -4.42 0.00	161.66 -5.69 0.00	168.67 -5.40 0.00	166.36 -5.86 0.00	123.79 -6.11 0.00	103.80 -5.23 0.00	94.24 -5.70 0.00	95.07 -5.64 0.00	92.07 -5.36 0.00	95.08 -5.75 0.00	97.85 -6.58 0.00	104.33 -6.90 0.00	122.83 -9.82 0.00	123.10 -9.27 0.00	102.53 -6.66 0.00	96.56 -6.16 0.00	106.56 -4.09 0.00	96.79 -3.72 0.00	97.09 -3.21 0.00
SITHE_IND_GS1 24169	100.00 -3.22 -2.72	96.02 -3.19 -2.44	95.50 -3.42 -1.37	109.16 -4.05 -0.70	108.39 -3.89 -1.12	126.23 -4.42 -0.72	161.33 -6.02 0.00	167.81 -6.26 0.00	166.02 -6.19 0.00	126.99 -4.42 -1.51	105.33 -3.71 0.00	97.82 -3.30 -1.18	98.28 -3.32 -0.88	95.17 -3.21 -0.95	98.22 -3.32 -0.72	102.36 -3.35 -1.27	108.82 -3.56 -1.15	130.04 -3.85 -1.24	128.81 -3.97 -0.42	107.59 -3.60 -2.01	101.73 -3.49 -2.50	106.78 -3.88 0.00	96.99 -3.52 0.00	98.74 -3.31 -1.74
SITHE_IND_GS2 24170	100.00 -3.22 -2.72	96.02 -3.19 -2.44	95.50 -3.42 -1.37	109.16 -4.05 -0.70	108.39 -3.89 -1.12	126.23 -4.42 -0.72	161.33 -6.02 0.00	167.81 -6.26 0.00	166.02 -6.19 0.00	126.99 -4.42 -1.51	105.33 -3.71 0.00	97.82 -3.30 -1.18	98.28 -3.32 -0.88	95.17 -3.21 -0.95	98.22 -3.32 -0.72	102.36 -3.35 -1.27	108.82 -3.56 -1.15	130.04 -3.85 -1.24	128.81 -3.97 -0.42	107.59 -3.60 -2.01	101.73 -3.49 -2.50	106.78 -3.88 0.00	96.99 -3.52 0.00	98.74 -3.31 -1.74
SITHE_IND_GS3 24171	100.00 -3.22 -2.72	96.02 -3.19 -2.44	95.50 -3.42 -1.37	109.16 -4.05 -0.70	108.39 -3.89 -1.12	126.23 -4.42 -0.72	161.33 -6.02 0.00	167.81 -6.26 0.00	166.02 -6.19 0.00	126.99 -4.42 -1.51	105.33 -3.71 0.00	97.82 -3.30 -1.18	98.28 -3.32 -0.88	95.17 -3.21 -0.95	98.22 -3.32 -0.72	102.36 -3.35 -1.27	108.82 -3.56 -1.15	130.04 -3.85 -1.24	128.81 -3.97 -0.42	107.59 -3.60 -2.01	101.73 -3.49 -2.50	106.78 -3.88 0.00	96.99 -3.52 0.00	98.74 -3.31 -1.74
SITHE_IND_GS4 24172	100.00 -3.22 -2.72	96.02 -3.19 -2.44	95.50 -3.42 -1.37	109.16 -4.05 -0.70	108.39 -3.89 -1.12	126.23 -4.42 -0.72	161.33 -6.02 0.00	167.81 -6.26 0.00	166.02 -6.19 0.00	126.99 -4.42 -1.51	105.33 -3.71 0.00	97.82 -3.30 -1.18	98.28 -3.32 -0.88	95.17 -3.21 -0.95	98.22 -3.32 -0.72	102.36 -3.35 -1.27	108.82 -3.56 -1.15	130.04 -3.85 -1.24	128.81 -3.97 -0.42	107.59 -3.60 -2.01	101.73 -3.49 -2.50	106.78 -3.88 0.00	96.99 -3.52 0.00	98.74 -3.31 -1.74

SITHE___BATAVIA 24024	104.65 -2.01 -6.15	99.68 -2.61 -5.52	97.04 -3.61 -3.10	109.26 -4.83 -1.59	109.59 -4.11 -2.53	127.01 -4.55 -1.62	159.15 -8.20 0.00	164.84 -9.23 0.00	163.08 -9.13 0.00	126.69 -6.62 -3.41	105.43 -5.23 -1.62	98.81 -3.80 -2.67	98.78 -3.93 -2.00	95.49 -4.09 -2.15	98.73 -3.73 -1.64	103.55 -3.76 -2.88	111.08 -4.34 -4.19	134.49 -3.31 -5.16	132.56 -4.50 -4.70	110.28 -5.79 -6.88	103.87 -5.45 -6.59	106.62 -6.30 -2.27	97.84 -5.02 -2.35	100.23 -4.02 -3.95
SITHE___INDEPEND 23800	100.01 -3.22 -2.72	96.01 -3.19 -2.44	95.50 -3.41 -1.37	109.15 -4.05 -0.70	108.39 -3.89 -1.12	126.23 -4.42 -0.72	161.32 -6.02 0.00	167.80 -6.27 0.00	166.02 -6.20 0.00	126.99 -4.42 -1.51	105.33 -3.71 0.00	97.82 -3.30 -1.18	98.28 -3.32 -0.89	95.07 -3.31 -0.95	98.22 -3.33 -0.72	102.36 -3.34 -1.27	108.82 -3.56 -1.15	130.04 -3.85 -1.24	128.81 -3.97 -0.42	107.59 -3.60 -2.01	101.83 -3.39 -2.50	106.78 -3.87 0.00	96.99 -3.52 0.00	98.73 -3.31 -1.74
SITHE___MASSENA 23902	96.89 -3.61 0.00	93.58 -3.19 0.00	95.21 -2.34 0.00	110.82 -1.68 0.00	109.05 -2.12 0.00	126.81 -3.12 0.00	164.50 -2.85 0.00	171.46 -2.61 0.00	169.12 -3.09 0.00	126.26 -3.64 0.00	105.44 -3.60 0.00	95.74 -4.19 0.00	96.58 -4.13 0.00	93.53 -3.90 0.00	96.59 -4.23 0.00	99.32 -5.11 0.00	105.89 -5.34 0.00	125.22 -7.43 0.00	125.35 -7.02 0.00	104.28 -4.91 0.00	98.72 -4.01 0.00	107.34 -3.32 0.00	97.09 -3.42 0.00	97.19 -3.11 0.00
SITHE___OGDNSBRG 24021	97.80 -2.71 0.00	94.45 -2.32 0.00	96.18 -1.37 0.00	112.16 -0.34 0.00	110.28 -0.89 0.00	128.24 -1.69 0.00	166.18 -1.17 0.00	173.55 -0.52 0.00	170.67 -1.55 0.00	126.65 -3.25 0.00	105.98 -3.05 0.00	96.04 -3.90 0.00	96.89 -3.83 0.00	93.72 -3.70 0.00	96.79 -4.03 0.00	99.84 -4.60 0.00	106.67 -4.56 0.00	126.01 -6.63 0.00	126.41 -5.96 0.00	105.15 -4.04 0.00	99.03 -3.70 0.00	108.55 -2.10 0.00	98.20 -2.31 0.00	98.40 -1.91 0.00
SITHE___STERLING 23777	106.53 3.52 -2.50	102.31 3.29 -2.24	101.93 3.12 -1.26	116.75 3.60 -0.65	115.98 3.78 -1.03	135.80 5.20 -0.66	174.21 6.86 0.00	181.55 7.48 0.00	179.28 7.06 0.00	136.35 5.06 -1.39	113.40 4.37 0.00	104.82 3.80 -1.09	105.26 3.73 -0.82	101.91 3.61 -0.88	105.32 3.83 -0.67	109.79 4.18 -1.17	116.85 4.56 -1.06	140.03 6.24 -1.15	138.84 6.09 -0.38	115.62 4.59 -1.85	109.14 4.11 -2.30	114.86 4.20 0.00	104.12 3.61 0.00	105.42 3.51 -1.60
SLEIGHT__34_KV_TB1 80719	104.51 -1.21 -5.21	99.89 -1.55 -4.67	98.22 -1.95 -2.62	111.15 -2.70 -1.34	110.98 -2.33 -2.14	129.10 -2.21 -1.37	163.16 -4.18 0.00	169.72 -4.35 0.00	167.74 -2.73 0.00	130.07 -2.73 -2.90	106.64 -2.40 0.00	100.70 -1.50 -2.27	100.80 -1.61 -1.70	97.60 -1.66 -1.83	100.60 -1.61 -1.39	105.31 -1.57 -2.44	111.77 -1.67 -2.21	134.23 -0.80 -2.38	131.84 -1.32 -0.80	110.74 -2.29 -3.85	105.46 -2.05 -4.79	107.78 -2.88 0.00	98.00 -2.51 0.00	101.74 -1.91 -3.34
SOUTH CAIRO___GT 23612	157.48 7.54 -49.43	148.26 7.16 -44.33	129.47 7.02 -24.90	132.92 7.65 -12.77	139.19 7.67 -20.35	151.94 8.97 -13.04	180.23 12.89 0.00	203.86 12.36 -17.43	185.48 13.26 0.00	166.11 8.70 -27.51	137.98 7.09 -21.85	127.66 6.20 -21.53	122.97 6.14 -16.11	120.70 5.94 -17.33	120.37 6.35 -13.19	134.82 7.21 -23.18	161.95 8.34 -42.38	197.60 10.61 -54.34	201.20 10.59 -58.24	185.94 8.52 -68.23	168.73 7.91 -58.10	149.71 8.41 -30.64	139.85 7.64 -31.70	139.53 7.52 -31.70
SOUTH HAMPTN___IC 23720	156.47 12.06 -43.91	152.61 11.51 -44.33	149.90 11.41 -40.94	149.72 13.27 -23.95	152.84 13.33 -28.34	157.52 15.20 -12.40	190.70 19.24 -4.12	226.42 19.84 -32.52	200.09 20.31 -7.56	170.37 15.58 -24.89	154.54 12.97 -32.53	147.23 10.70 -36.59	145.21 10.67 -33.82	145.19 10.23 -37.54	143.81 10.49 -32.50	152.91 11.90 -36.58	168.53 14.01 -43.29	200.16 16.58 -50.94	197.88 16.54 -48.97	183.04 13.32 -60.54	162.24 12.42 -47.09	153.21 12.39 -30.16	151.45 10.86 -40.09	146.59 10.13 -36.16
SOUTHDOW_115KV_TB1 355954	107.60 -0.70 -7.80	102.31 -1.45 -6.99	98.75 -2.73 -3.93	110.58 -3.94 -2.01	111.37 -3.00 -3.21	128.87 -3.12 -2.06	163.67 -3.68 0.00	170.94 -3.13 0.00	168.94 -3.27 0.00	130.99 -3.25 -4.34	110.71 -0.44 -2.11	102.33 -1.00 -3.40	102.05 -1.21 -2.54	98.21 -1.95 -2.73	101.39 -1.51 -2.08	106.63 -1.46 -3.66	114.49 -2.11 -5.37	138.08 -1.19 -6.63	136.20 -2.25 -6.08	113.86 -4.15 -8.82	107.82 -3.29 -8.39	110.62 -2.99 -2.95	101.45 -2.11 -3.06	103.10 -2.21 -5.00
SOUTHOLD_69_KV_BK 2 55809	158.29 13.87 -43.91	154.27 13.16 -44.33	151.66 13.17 -40.94	151.64 15.19 -23.95	154.85 15.34 -28.34	159.74 17.41 -12.40	193.89 22.42 -4.12	229.74 23.15 -32.52	203.37 23.59 -7.56	172.58 17.80 -24.89	156.40 14.83 -32.53	148.82 12.29 -36.59	146.72 12.19 -33.82	146.75 11.79 -37.54	146.03 12.70 -32.50	154.69 13.68 -36.58	170.65 16.13 -43.29	203.09 19.50 -50.94	200.53 19.19 -48.97	185.23 15.50 -60.54	164.40 14.59 -47.09	155.32 14.50 -30.17	153.36 12.76 -40.09	148.50 12.04 -36.16
SOUTHOLD___IC 23719	158.29 13.87 -43.91	154.26 13.16 -44.33	151.66 13.16 -40.94	151.64 15.18 -23.95	154.85 15.35 -28.34	159.75 17.42 -12.40	193.90 22.43 -4.12	229.74 23.15 -32.52	203.37 23.60 -7.56	172.58 17.80 -24.89	156.39 14.83 -32.53	148.82 12.29 -36.59	146.82 12.28 -33.82	146.75 11.78 -37.54	145.52 12.19 -32.50	154.69 13.68 -36.58	170.64 16.12 -43.29	203.09 19.51 -50.94	200.66 19.33 -48.97	185.23 15.50 -60.54	164.30 14.49 -47.09	155.31 14.49 -30.17	153.36 12.77 -40.09	148.49 12.03 -36.16
SOUTH_FORK_WT_PWR 323839	158.29 13.87 -43.91	154.26 13.16 -44.33	151.66 13.16 -40.94	151.63 15.18 -23.95	154.85 15.35 -28.34	159.75 17.42 -12.40	193.90 22.43 -4.12	229.74 23.15 -32.52	203.37 23.60 -7.56	172.58 17.80 -24.89	156.28 14.71 -32.53	148.72 12.19 -36.59	146.72 12.18 -33.82	146.65 11.69 -37.54	145.42 12.09 -32.50	154.69 13.68 -36.58	170.64 16.12 -43.29	203.09 19.51 -50.94	200.66 19.33 -48.97	185.22 15.50 -60.54	164.30 14.49 -47.09	155.31 14.49 -30.16	153.36 12.77 -40.09	148.39 11.93 -36.16
SPIERFLS_115KV_TB 1 80737	162.89 8.64 -53.74	153.19 8.23 -48.19	132.71 8.10 -27.07	135.60 9.23 -13.88	142.74 9.45 -22.12	155.54 11.43 -14.18	182.24 14.89 0.00	239.54 15.49 -49.98	188.75 16.53 0.00	172.14 12.34 -29.90	166.45 10.03 -47.38	132.23 8.89 -23.40	127.09 8.86 -17.51	124.65 8.38 -18.84	123.63 8.47 -14.34	139.03 9.40 -25.20	190.67 10.23 -69.21	238.46 12.47 -93.34	263.01 12.57 -118.07	227.68 10.05 -108.44	188.91 9.35 -76.84	187.05 9.96 -66.43	178.19 8.95 -68.73	143.39 8.63 -34.46
ST LAWRENCE____ 23600	97.29 -3.22 0.00	93.87 -2.90 0.00	95.12 -2.43 0.00	110.03 -2.48 0.00	108.50 -2.67 0.00	126.43 -3.50 0.00	164.00 -3.35 0.00	170.76 -3.31 0.00	168.59 -3.62 0.00	126.01 -3.89 0.00	105.66 -3.38 0.00	96.43 -3.50 0.00	97.19 -3.53 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.00 -4.23 0.00	126.68 -5.97 0.00	126.81 -5.55 0.00	105.36 -3.82 0.00	99.23 -3.49 0.00	107.34 -3.32 0.00	97.39 -3.12 0.00	97.39 -2.91 0.00
STATE_CA_115KV_115_LB 55624	157.74 4.82 -52.41	148.41 4.65 -47.00	128.24 4.29 -26.40	130.76 4.73 -13.53	137.30 4.56 -21.58	148.96 5.20 -13.83	173.37 6.02 0.00	212.97 6.27 -32.63	178.76 6.54 0.00	164.78 5.72 -29.16	148.64 5.67 -33.94	128.15 5.40 -22.82	123.03 5.24 -17.08	120.87 5.07 -18.37	119.75 4.94 -13.99	134.23 5.22 -24.58	171.82 5.12 -55.48	211.85 5.97 -73.23	224.89 5.82 -86.70	201.73 4.59 -87.96	174.87 4.31 -67.83	163.00 4.76 -47.58	154.36 4.62 -49.23	138.63 4.71 -33.61

STATE_ST_34_KV_LOAD 55959	106.49 0.40 -5.58	101.88 0.10 -5.01	100.17 -0.20 -2.81	113.38 -0.56 -1.44	113.13 -0.33 -2.30	131.67 0.26 -1.47	167.51 0.17 0.00	174.42 0.35 0.00	172.39 0.17 0.00	133.27 0.26 -3.11	110.72 0.22 -1.47	102.67 0.30 -2.43	102.74 0.20 -1.82	99.58 0.19 -1.96	102.51 0.20 -1.49	107.57 0.52 -2.62	115.93 0.89 -3.81	139.19 1.86 -4.69	138.35 1.72 -4.26	116.10 0.66 -6.26	109.32 0.62 -5.98	113.05 0.33 -2.06	102.84 0.20 -2.13	104.19 0.30 -3.58
STATION 5_MISC_HYD 23604	104.43 -1.41 -5.33	99.71 -1.84 -4.78	97.80 -2.43 -2.69	110.39 -3.49 -1.38	110.37 -3.00 -2.19	128.10 -3.24 -1.41	160.99 -6.36 0.00	166.93 -7.14 0.00	165.15 -7.07 0.00	128.45 -4.42 -2.96	105.22 -3.82 0.00	99.85 -2.40 -2.32	100.03 -2.42 -1.74	96.76 -2.53 -1.87	99.93 -2.31 -1.42	104.53 -2.40 -2.50	110.60 -2.89 -2.26	133.10 -1.99 -2.44	130.40 -2.79 -0.82	109.30 -3.82 -3.94	104.13 -3.49 -4.90	106.12 -4.54 0.00	96.89 -3.61 0.00	101.11 -2.61 -3.42
STA_168_34_KV_BK1_2_REV_LBMP_B 345032	105.75 -0.10 -5.34	100.98 -0.58 -4.79	99.17 -1.07 -2.69	112.08 -1.80 -1.38	112.03 -1.33 -2.20	130.30 -1.04 -1.41	164.67 -2.68 0.00	171.11 -2.96 0.00	169.12 -3.10 0.00	131.05 -1.82 -2.97	108.89 -1.53 -1.38	101.56 -0.70 -2.32	101.75 -0.70 -1.74	98.42 -0.88 -1.87	101.54 -0.71 -1.42	106.31 -0.63 -2.50	114.18 -0.67 -3.62	137.63 0.53 -4.45	136.25 -0.13 -4.02	113.83 -1.31 -5.95	107.20 -1.23 -5.71	110.60 -1.99 -1.94	101.01 -1.51 -2.00	102.82 -0.90 -3.42
STA_56_34_KV_BUS2_REV_LBMP_B 345033	103.89 -1.91 -5.29	99.19 -2.32 -4.74	97.29 -2.93 -2.66	110.04 -3.83 -1.37	109.90 -3.45 -2.18	127.69 -3.64 -1.39	160.49 -6.86 0.00	166.58 -7.49 0.00	164.81 -7.41 0.00	128.17 -4.68 -2.94	105.00 -4.03 0.00	99.54 -2.70 -2.30	99.62 -2.82 -1.72	96.36 -2.92 -1.85	99.51 -2.72 -1.41	104.20 -2.72 -2.48	110.25 -3.23 -2.24	132.68 -2.39 -2.42	129.87 -3.31 -0.81	109.06 -4.04 -3.91	103.99 -3.60 -4.86	105.90 -4.76 0.00	96.59 -3.92 0.00	100.68 -3.01 -3.39
STA_56___34_KV_BUS2 355983	103.89 -1.91 -5.29	99.19 -2.32 -4.74	97.29 -2.93 -2.66	110.04 -3.83 -1.37	109.90 -3.45 -2.18	127.69 -3.64 -1.39	160.49 -6.86 0.00	166.58 -7.49 0.00	164.81 -7.41 0.00	128.17 -4.68 -2.94	105.00 -4.03 0.00	99.54 -2.70 -2.30	99.62 -2.82 -1.72	96.36 -2.92 -1.85	99.51 -2.72 -1.41	104.20 -2.72 -2.48	110.25 -3.23 -2.24	132.68 -2.39 -2.42	129.87 -3.31 -0.81	109.06 -4.04 -3.91	103.99 -3.60 -4.86	105.90 -4.76 0.00	96.59 -3.92 0.00	100.68 -3.01 -3.39
STA_67___115KV_BK2 355882	104.13 -1.71 -5.33	99.52 -2.03 -4.78	97.60 -2.63 -2.68	110.28 -3.60 -1.38	110.14 -3.22 -2.19	127.83 -3.51 -1.41	160.65 -6.69 0.00	166.41 -7.66 0.00	164.64 -7.58 0.00	128.19 -4.68 -2.96	105.00 -4.03 0.00	99.65 -2.60 -2.32	99.73 -2.72 -1.74	96.47 -2.83 -1.87	99.62 -2.62 -1.42	104.32 -2.61 -2.50	110.37 -3.11 -2.26	132.70 -2.39 -2.44	130.01 -3.18 -0.82	108.98 -4.15 -3.94	104.13 -3.49 -4.90	105.90 -4.76 0.00	96.69 -3.82 0.00	100.91 -2.81 -3.42
STA_7___115KV_9TRANS 80674	104.94 -0.90 -5.33	100.10 -1.45 -4.78	98.19 -2.05 -2.69	110.84 -3.04 -1.38	110.69 -2.67 -2.20	128.61 -2.73 -1.41	161.66 -5.69 0.00	167.63 -6.44 0.00	165.84 -6.37 0.00	129.10 -3.77 -2.97	105.88 -3.16 0.00	100.56 -1.70 -2.32	100.64 -1.81 -1.74	97.35 -1.95 -1.87	100.53 -1.71 -1.42	105.16 -1.78 -2.50	111.16 -2.34 -2.26	133.89 -1.19 -2.44	131.07 -2.12 -0.82	109.85 -3.28 -3.94	104.95 -2.67 -4.90	106.67 -3.98 0.00	97.49 -3.02 0.00	101.62 -2.11 -3.42
STA_82___115KV_TB1 80780	104.26 -1.61 -5.36	99.54 -2.03 -4.80	97.61 -2.63 -2.70	110.29 -3.60 -1.38	110.26 -3.11 -2.21	127.97 -3.38 -1.41	160.65 -6.69 0.00	166.58 -7.49 0.00	164.81 -7.41 0.00	128.20 -4.68 -2.98	106.39 -4.03 -1.38	99.67 -2.60 -2.33	99.74 -2.72 -1.75	96.48 -2.83 -1.88	99.63 -2.62 -1.43	104.33 -2.61 -2.51	111.74 -3.11 -3.63	134.85 -2.25 -4.46	133.22 -3.18 -4.03	111.12 -4.04 -5.97	104.96 -3.49 -5.73	107.84 -4.76 -1.94	98.70 -3.82 -2.01	100.93 -2.81 -3.44
STEEL___WIND 323596	103.72 -4.02 -7.23	98.81 -4.45 -6.49	95.73 -5.46 -3.64	107.17 -7.20 -1.87	107.69 -6.45 -2.98	124.30 -7.54 -1.91	156.30 -11.05 0.00	161.53 -12.54 0.00	159.99 -12.22 0.00	124.29 -9.61 -4.01	104.44 -6.54 -1.94	97.27 -5.80 -3.13	97.02 -6.04 -2.35	93.71 -6.24 -2.52	96.89 -5.85 -1.92	101.86 -5.95 -3.38	109.51 -6.67 -4.95	132.13 -6.63 -6.11	130.29 -7.68 -5.60	108.69 -8.63 -8.13	102.79 -7.71 -7.77	105.52 -7.85 -2.72	96.99 -6.33 -2.81	99.33 -5.61 -4.64
STEPHTWN_115KV_BK_2 55603	158.16 5.83 -51.82	148.86 5.61 -46.47	128.92 5.27 -26.10	131.74 5.85 -13.38	138.17 5.67 -21.33	150.23 6.63 -13.67	175.38 8.03 0.00	207.85 8.36 -25.43	180.83 8.61 0.00	165.88 7.14 -28.84	144.16 6.76 -28.36	128.80 6.30 -22.57	123.75 6.14 -16.89	121.44 5.85 -18.17	120.50 5.85 -13.83	134.90 6.16 -24.30	167.33 6.34 -49.76	205.08 7.56 -64.87	213.46 7.41 -73.68	194.52 5.90 -79.43	172.23 5.44 -64.06	156.39 5.98 -39.76	147.28 5.63 -41.14	139.16 5.62 -33.24
STEUBEN_REC_LFGE 323667	109.44 -0.60 -9.53	104.26 -1.06 -8.55	100.60 -1.76 -4.80	112.26 -2.70 -2.46	112.98 -2.11 -3.92	131.02 -1.43 -2.51	166.01 -1.34 0.00	173.09 -2.26 -1.28	168.94 -3.27 0.00	131.83 -3.38 -5.30	109.93 -1.74 -2.64	102.39 -1.70 -4.15	101.91 -1.91 -3.11	98.82 -1.95 -3.34	101.95 -1.41 -2.54	107.96 -0.94 -4.47	117.52 -0.33 -6.63	141.90 1.06 -8.19	140.34 0.40 -7.58	118.64 -1.42 -10.87	112.19 -0.82 -10.29	113.69 -0.66 -3.70	104.03 -0.30 -3.83	106.42 0.00 -6.11
STILLWATER___SOLAR 323814	161.59 7.63 -53.45	151.96 7.26 -47.93	131.69 7.22 -26.92	134.51 8.21 -13.80	141.40 8.23 -22.00	153.90 9.87 -14.10	179.73 12.38 0.00	234.90 13.06 -47.77	185.14 12.92 0.00	169.51 9.87 -29.74	162.89 8.18 -45.67	130.50 7.29 -23.28	125.39 7.26 -17.42	123.08 6.92 -18.74	122.44 7.36 -14.26	137.54 8.04 -25.06	187.42 8.79 -67.40	234.11 10.74 -90.72	257.27 10.86 -114.05	223.55 8.62 -105.74	186.32 8.02 -75.58	183.32 8.64 -64.03	174.60 7.84 -66.25	142.11 7.53 -34.28
STONY___BROOK 24151	155.43 10.96 -43.97	151.53 10.36 -44.40	148.89 10.34 -41.00	148.56 12.04 -24.01	151.57 12.01 -28.40	156.02 13.64 -12.44	188.23 16.73 -4.15	223.82 17.24 -32.52	197.53 17.74 -7.57	168.98 14.16 -24.92	153.62 11.99 -32.58	147.08 10.49 -36.66	145.18 10.57 -33.89	145.16 10.13 -37.60	144.07 10.68 -32.56	152.55 11.49 -36.63	167.37 12.79 -43.35	199.51 15.78 -51.08	197.06 15.61 -49.09	182.22 12.33 -60.70	161.39 11.50 -47.16	152.96 12.06 -30.24	151.43 10.76 -40.16	146.65 10.13 -36.22
STURGEON_POOL_HYD 23609	150.18 6.43 -43.24	141.65 6.10 -38.78	125.58 6.24 -21.78	130.87 7.20 -11.17	136.31 7.34 -17.80	149.92 8.58 -11.41	177.56 10.21 0.00	191.23 10.10 -7.07	183.24 11.02 0.00	163.32 9.35 -24.07	129.14 7.20 -12.90	125.36 6.60 -18.83	121.56 6.75 -14.09	119.02 6.43 -15.16	119.42 7.06 -11.54	131.81 7.10 -20.28	150.22 8.01 -30.99	181.38 10.21 -38.52	178.98 10.06 -36.55	167.84 7.97 -50.68	157.45 7.50 -47.23	136.61 7.86 -18.09	126.16 6.94 -18.72	134.46 6.42 -27.73
ST_LAW_115_BK7_LBMP 345037	96.99 -3.52 0.00	93.67 -3.10 0.00	94.92 -2.63 0.00	109.92 -2.58 0.00	108.39 -2.77 0.00	126.16 -3.77 0.00	163.66 -3.68 0.00	170.41 -3.66 0.00	168.26 -3.95 0.00	125.74 -4.16 0.00	105.33 -3.71 0.00	96.03 -3.90 0.00	96.89 -3.83 0.00	93.82 -3.60 0.00	96.89 -3.93 0.00	100.05 -4.38 0.00	106.56 -4.67 0.00	126.15 -6.50 0.00	126.28 -6.09 0.00	104.93 -4.26 0.00	98.92 -3.80 0.00	107.11 -3.55 0.00	97.09 -3.42 0.00	97.19 -3.11 0.00

ST_LAW_115_BK8_LBMP 345038	96.99 -3.52 0.00	93.67 -3.10 0.00	94.92 -2.63 0.00	109.92 -2.58 0.00	108.39 -2.77 0.00	126.16 -3.77 0.00	163.66 -3.68 0.00	170.41 -3.66 0.00	168.26 -3.95 0.00	125.74 -4.16 0.00	105.33 -3.71 0.00	96.03 -3.90 0.00	96.89 -3.83 0.00	93.82 -3.60 0.00	96.89 -3.93 0.00	100.05 -4.38 0.00	106.56 -4.67 0.00	126.15 -6.50 0.00	126.28 -6.09 0.00	104.93 -4.26 0.00	98.92 -3.80 0.00	107.11 -3.55 0.00	97.09 -3.42 0.00	97.19 -3.11 0.00
ST_LAW_230_BK5_LBMP 345035	97.29 -3.22 0.00	93.87 -2.90 0.00	95.12 -2.43 0.00	110.03 -2.48 0.00	108.50 -2.67 0.00	126.43 -3.50 0.00	164.00 -3.35 0.00	170.76 -3.31 0.00	168.59 -3.62 0.00	126.01 -3.89 0.00	105.66 -3.38 0.00	96.43 -3.50 0.00	97.19 -3.53 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.00 -4.23 0.00	126.68 -5.97 0.00	126.81 -5.55 0.00	105.36 -3.82 0.00	99.23 -3.49 0.00	107.34 -3.32 0.00	97.39 -3.12 0.00	97.39 -2.91 0.00
ST_LAW_230_BK6_LBMP 345036	97.29 -3.22 0.00	93.87 -2.90 0.00	95.12 -2.43 0.00	110.03 -2.48 0.00	108.50 -2.67 0.00	126.43 -3.50 0.00	164.00 -3.35 0.00	170.76 -3.31 0.00	168.59 -3.62 0.00	126.01 -3.89 0.00	105.66 -3.38 0.00	96.43 -3.50 0.00	97.19 -3.53 0.00	94.11 -3.31 0.00	97.20 -3.63 0.00	100.46 -3.97 0.00	107.00 -4.23 0.00	126.68 -5.97 0.00	126.81 -5.55 0.00	105.36 -3.82 0.00	99.23 -3.49 0.00	107.34 -3.32 0.00	97.39 -3.12 0.00	97.39 -2.91 0.00
SUGRLOAF_69_KV_LOAD_REV_LBMP_G 345026	146.06 6.03 -39.52	137.92 5.71 -35.44	123.21 5.76 -19.91	129.35 6.64 -10.21	134.11 6.67 -16.27	148.16 7.80 -10.43	176.05 8.70 0.00	187.41 9.05 -4.29	181.69 9.47 0.00	160.47 8.57 -21.99	126.05 6.87 -10.15	123.34 6.20 -17.21	119.94 6.35 -12.88	117.32 6.04 -13.86	117.92 6.55 -10.55	129.65 6.68 -18.53	145.28 7.34 -26.71	174.75 9.29 -32.82	171.09 9.13 -29.59	160.32 7.21 -43.93	151.71 6.78 -42.21	132.08 7.19 -14.23	121.66 6.43 -14.72	131.57 5.92 -25.35
SWANROAD_115KV_TB1 355699	100.65 -6.53 -6.67	95.98 -6.77 -5.98	93.01 -7.90 -3.36	104.32 -9.90 -1.72	104.57 -9.34 -2.75	120.65 -11.04 -1.76	150.11 -17.24 0.00	154.75 -19.32 0.00	153.10 -19.12 0.00	119.71 -13.90 -3.71	99.91 -10.90 -1.77	93.74 -9.09 -2.91	93.52 -9.37 -2.17	90.41 -9.35 -2.34	93.53 -9.07 -1.78	98.27 -9.29 -3.13	105.34 -10.46 -4.57	127.26 -11.01 -5.63	125.19 -12.31 -5.13	104.35 -12.34 -7.50	99.20 -10.68 -7.16	100.86 -12.28 -2.49	92.93 -10.15 -2.57	95.85 -8.73 -4.28
SYNERGY___BIOGAS 323694	104.65 -2.01 -6.15	99.68 -2.61 -5.52	97.04 -3.61 -3.10	109.26 -4.83 -1.59	109.59 -4.11 -2.53	127.01 -4.55 -1.62	159.15 -8.20 0.00	164.84 -9.23 0.00	163.08 -9.13 0.00	126.69 -6.62 -3.41	105.43 -5.23 -1.62	98.81 -3.80 -2.67	98.78 -3.93 -2.00	95.49 -4.09 -2.15	98.73 -3.73 -1.64	103.55 -3.76 -2.88	111.08 -4.34 -4.19	134.49 -3.31 -5.16	132.56 -4.50 -4.70	110.28 -5.79 -6.88	103.87 -5.45 -6.59	106.62 -6.30 -2.27	97.84 -5.02 -2.35	100.23 -4.02 -3.95
SYRACUSE___ENERGY_ST1 323597	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
SYRACUSE___ENERGY_ST2 323598	104.66 -0.30 -4.45	100.28 -0.48 -3.99	99.11 -0.68 -2.24	112.64 -1.01 -1.15	112.11 -0.89 -1.83	130.46 -0.65 -1.17	166.18 -1.17 0.00	173.03 -1.04 0.00	171.01 -1.21 0.00	131.73 -0.65 -2.48	108.49 -0.55 0.00	101.47 -0.40 -1.94	101.66 -0.50 -1.45	98.50 -0.49 -1.56	101.61 -0.40 -1.19	106.20 -0.31 -2.09	112.89 -0.22 -1.89	135.08 0.40 -2.04	133.45 0.40 -0.68	112.26 -0.22 -3.29	106.61 -0.21 -4.09	110.21 -0.44 0.00	100.01 -0.50 0.00	102.76 -0.40 -2.85
SYRACUSE___POWER 24017	104.75 -0.40 -4.64	100.35 -0.58 -4.16	99.11 -0.78 -2.34	112.58 -1.13 -1.20	112.08 -1.00 -1.91	130.38 -0.78 -1.22	166.18 -1.17 0.00	172.85 -1.22 0.00	171.01 -1.21 0.00	131.83 -0.65 -2.58	108.49 -0.55 0.00	101.45 -0.50 -2.02	101.72 -0.50 -1.51	98.57 -0.49 -1.63	101.56 -0.50 -1.24	106.29 -0.31 -2.18	112.98 -0.22 -1.97	135.17 0.40 -2.12	133.34 0.26 -0.71	112.29 -0.33 -3.43	106.78 -0.21 -4.27	110.10 -0.55 0.00	99.91 -0.60 0.00	102.78 -0.50 -2.98
TALLMAN___138KV_BK151 55660	147.54 6.43 -40.60	139.28 6.10 -36.41	124.15 6.15 -20.45	130.07 7.09 -10.48	134.99 7.11 -16.71	148.96 8.32 -10.71	176.55 9.20 0.00	188.22 9.75 -4.40	182.38 10.16 0.00	161.85 9.35 -22.59	126.87 7.41 -10.42	124.31 6.70 -17.68	120.79 6.85 -13.23	118.19 6.53 -14.23	118.71 7.06 -10.83	130.68 7.21 -19.04	146.45 7.79 -27.43	176.17 9.82 -33.71	172.42 9.66 -30.39	161.95 7.64 -45.12	153.17 7.09 -43.36	132.79 7.52 -14.61	122.36 6.73 -15.12	132.66 6.32 -26.04
TEALLAVE_115KV_TB7 355573	103.47 -0.90 -3.86	99.17 -1.06 -3.47	98.23 -1.27 -1.95	111.81 -1.69 -1.00	111.20 -1.56 -1.59	129.52 -1.43 -1.02	165.17 -2.18 0.00	171.98 -2.09 0.00	169.98 -2.24 0.00	130.75 -1.30 -2.15	107.95 -1.09 0.00	100.72 -0.90 -1.68	101.07 -0.91 -1.26	97.81 -0.97 -1.36	100.95 -0.91 -1.03	105.41 -0.84 -1.81	112.09 -0.78 -1.64	134.15 -0.27 -1.77	132.43 -0.53 -0.59	111.06 -0.98 -2.86	105.46 -0.82 -3.55	109.44 -1.22 0.00	99.40 -1.11 0.00	101.78 -1.00 -2.48
TELGRAPH_34_KV_EAST 80808	102.83 -4.02 -6.34	97.91 -4.55 -5.69	95.18 -5.56 -3.20	106.94 -7.20 -1.64	107.33 -6.45 -2.61	124.07 -7.54 -1.67	155.13 -12.22 0.00	160.32 -13.75 0.00	158.61 -13.61 0.00	123.69 -9.74 -3.53	103.08 -7.63 -1.68	96.60 -6.10 -2.76	96.54 -6.24 -2.07	93.32 -6.33 -2.22	96.47 -6.05 -1.69	101.24 -6.16 -2.97	108.55 -7.01 -4.33	131.22 -6.76 -5.34	129.15 -8.07 -4.86	107.57 -8.74 -7.12	101.92 -7.60 -6.80	104.15 -8.85 -2.35	95.70 -7.24 -2.43	98.35 -6.02 -4.07
TEMPLE___115KV_TB 2 55572	103.62 -0.80 -3.92	99.32 -0.97 -3.51	98.35 -1.17 -1.97	111.94 -1.58 -1.01	111.33 -1.45 -1.61	129.67 -1.30 -1.03	165.34 -2.01 0.00	171.98 -2.09 0.00	170.15 -2.07 0.00	130.78 -1.30 -2.18	108.06 -0.98 0.00	100.74 -0.90 -1.71	101.09 -0.91 -1.28	97.92 -0.88 -1.37	101.06 -0.81 -1.05	105.54 -0.73 -1.84	112.22 -0.67 -1.66	134.18 -0.27 -1.79	132.57 -0.40 -0.60	111.21 -0.87 -2.90	105.50 -0.82 -3.60	109.55 -1.11 0.00	99.40 -1.11 0.00	101.81 -1.00 -2.51
TIANA____69_KV_BK 1 55817	156.17 11.76 -43.91	152.23 11.13 -44.33	149.61 11.12 -40.94	149.28 12.83 -23.95	152.51 13.01 -28.34	157.14 14.81 -12.40	190.04 18.58 -4.12	225.73 19.15 -32.52	199.41 19.63 -7.56	169.85 15.07 -24.89	154.21 12.65 -32.53	146.92 10.39 -36.59	144.91 10.37 -33.82	145.00 10.03 -37.54	144.11 10.79 -32.50	152.60 11.59 -36.58	168.09 13.57 -43.29	199.64 16.05 -50.94	197.22 15.88 -48.97	182.61 12.88 -60.54	161.93 12.12 -47.09	152.88 12.06 -30.17	151.15 10.55 -40.09	146.29 9.83 -36.16
TILDEN___115KV_TB1 80814	104.75 -0.40 -4.64	100.35 -0.58 -4.16	99.11 -0.78 -2.34	112.58 -1.13 -1.20	112.08 -1.00 -1.91	130.38 -0.78 -1.22	166.18 -1.17 0.00	172.85 -1.22 0.00	171.01 -1.21 0.00	131.83 -0.65 -2.58	108.49 -0.55 0.00	101.45 -0.50 -2.02	101.72 -0.50 -1.51	98.57 -0.49 -1.63	101.56 -0.50 -1.24	106.29 -0.31 -2.18	112.98 -0.22 -1.97	135.17 0.40 -2.12	133.34 0.26 -0.71	112.29 -0.33 -3.43	106.78 -0.21 -4.27	110.10 -0.55 0.00	99.91 -0.60 0.00	102.78 -0.50 -2.98

TRIGEN___CC 323695	163.31 9.25 -53.56	160.46 8.71 -54.98	156.62 8.78 -50.29	156.21 10.24 -33.47	158.47 10.23 -37.07	161.60 11.69 -19.97	189.60 13.72 -8.53	220.86 14.27 -32.52	196.45 14.81 -9.42	173.27 12.47 -30.90	160.67 10.36 -41.27	156.33 9.49 -46.91	154.90 9.57 -44.62	155.01 9.26 -48.33	152.27 9.78 -41.67	160.09 10.13 -45.53	175.40 10.90 -53.27	222.35 13.53 -76.18	215.15 13.24 -69.55	208.25 10.59 -88.47	171.18 9.86 -58.60	163.33 10.62 -42.05	162.36 9.55 -52.31	155.94 9.03 -46.61
TRINITY___115KV___4 BK 55933	156.97 4.52 -51.94	147.70 4.35 -46.57	127.71 4.00 -26.16	130.30 4.39 -13.41	136.77 4.22 -21.38	148.44 4.81 -13.70	172.87 5.52 0.00	206.15 5.57 -26.51	177.90 5.68 0.00	164.00 5.20 -28.90	143.47 5.23 -29.20	127.55 5.00 -22.62	122.48 4.83 -16.93	120.31 4.68 -18.21	119.22 4.54 -13.86	133.59 4.80 -24.36	166.54 4.67 -50.64	204.36 5.57 -66.14	213.31 5.29 -75.65	194.18 4.26 -80.74	171.39 4.01 -64.66	156.02 4.43 -40.94	147.09 4.22 -42.36	137.93 4.31 -33.31
UNION___PROCESSING_DRP 323587	104.26 -1.61 -5.36	99.55 -2.03 -4.81	97.62 -2.63 -2.70	110.29 -3.60 -1.38	110.26 -3.11 -2.21	127.97 -3.38 -1.41	160.65 -6.69 0.00	166.58 -7.49 0.00	164.81 -7.41 0.00	128.21 -4.68 -2.98	106.50 -3.93 -1.39	99.67 -2.60 -2.34	99.84 -2.62 -1.75	96.48 -2.83 -1.88	99.63 -2.62 -1.43	104.34 -2.61 -2.51	111.86 -3.00 -3.63	134.86 -2.25 -4.47	133.36 -3.04 -4.04	111.12 -4.04 -5.97	105.07 -3.39 -5.73	107.95 -4.65 -1.94	98.80 -3.72 -2.01	100.93 -2.81 -3.44
UPPER HUDSON___HYD 24058	162.89 8.64 -53.74	153.18 8.22 -48.19	132.71 8.09 -27.07	135.61 9.23 -13.88	142.73 9.44 -22.12	155.55 11.44 -14.18	182.24 14.89 0.00	239.54 15.49 -49.98	188.75 16.53 0.00	172.16 12.35 -29.91	166.44 10.03 -47.38	132.24 8.89 -23.41	127.10 8.86 -17.52	124.65 8.38 -18.85	123.64 8.47 -14.35	139.04 9.40 -25.21	190.67 10.23 -69.22	238.46 12.47 -93.35	263.14 12.71 -118.07	227.69 10.04 -108.46	188.91 9.35 -76.84	187.05 9.96 -66.43	178.19 8.94 -68.73	143.39 8.63 -34.46
UPPER RAQUET___HYD 24056	96.19 -4.32 0.00	92.90 -3.87 0.00	94.72 -2.83 0.00	110.48 -2.02 0.00	108.39 -2.77 0.00	125.52 -4.42 0.00	161.66 -5.69 0.00	168.67 -5.40 0.00	166.36 -5.86 0.00	123.80 -6.10 0.00	103.81 -5.23 0.00	94.24 -5.69 0.00	95.08 -5.64 0.00	92.07 -5.36 0.00	95.08 -5.74 0.00	97.86 -6.58 0.00	104.33 -6.90 0.00	122.83 -9.81 0.00	123.10 -9.27 0.00	102.52 -6.66 0.00	97.07 -5.65 0.00	106.56 -4.09 0.00	96.79 -3.72 0.00	97.09 -3.21 0.00
VALLEY44_115KV_TB2 355964	103.92 -4.72 -8.14	98.94 -5.13 -7.30	95.60 -6.05 -4.10	106.84 -7.76 -2.10	107.51 -7.00 -3.35	123.89 -8.19 -2.15	158.81 -8.53 0.00	164.50 -9.57 0.00	162.40 -9.82 0.00	125.07 -9.35 -4.53	106.23 -5.02 -2.21	97.48 -6.00 -3.54	97.22 -6.14 -2.65	93.95 -6.33 -2.85	97.05 -5.95 -2.17	102.19 -6.06 -3.82	110.17 -6.67 -5.61	132.81 -6.76 -6.93	130.92 -7.81 -6.37	110.00 -8.41 -9.21	103.98 -7.50 -8.76	107.44 -6.31 -3.09	98.69 -5.03 -3.20	99.70 -5.82 -5.22
VALLEY___115KV_TB 1-4 80826	103.22 2.71 0.00	99.29 2.52 0.00	99.99 2.44 0.00	115.20 2.70 0.00	113.95 2.78 0.00	133.31 3.38 0.00	171.53 4.18 0.00	178.42 4.35 0.00	176.69 4.48 0.00	133.41 3.51 0.00	111.98 2.94 0.00	102.63 2.70 0.00	103.23 2.52 0.00	99.86 2.44 0.00	103.24 2.42 0.00	107.04 2.61 0.00	114.12 2.89 0.00	136.36 3.71 0.00	135.94 3.57 0.00	112.14 2.95 0.00	105.60 2.88 0.00	113.87 3.21 0.00	103.62 3.12 0.00	103.41 3.11 0.00
VINEGAR_115_KV_917_CH_LD_REV_LBMP_E 345011	127.09 7.44 -19.14	121.00 7.06 -17.16	114.02 6.83 -9.64	125.32 7.88 -4.94	126.94 7.89 -7.88	144.99 10.00 -5.05	180.23 12.89 0.00	194.27 13.40 -6.80	185.30 13.09 0.00	150.29 9.74 -10.65	126.98 8.40 -9.55	115.66 7.40 -8.34	114.51 7.55 -6.24	111.35 7.21 -6.71	113.39 7.46 -5.11	121.34 7.94 -8.98	137.60 8.90 -17.48	167.07 11.81 -22.62	169.22 11.78 -25.08	146.36 9.17 -28.00	134.48 8.63 -23.13	133.01 8.96 -13.39	122.41 8.04 -13.86	120.30 7.72 -12.28
VISCHER___FERRY HYD 24020	159.35 6.23 -52.60	149.85 5.90 -47.17	130.00 5.95 -26.50	132.84 6.75 -13.59	139.61 6.78 -21.66	151.87 8.06 -13.88	177.05 9.70 0.00	224.48 10.09 -40.32	182.20 9.98 0.00	167.23 8.06 -29.27	155.90 6.98 -39.88	129.04 6.20 -22.91	124.00 6.14 -17.14	121.71 5.85 -18.44	121.11 6.25 -14.04	135.79 6.69 -24.67	179.73 7.12 -61.38	223.34 8.75 -81.94	241.60 8.73 -100.50	212.79 6.88 -96.72	180.55 6.37 -71.45	173.55 6.98 -55.91	164.69 6.34 -57.85	140.16 6.12 -33.74
V_A_10_SYNC_DSASP 323832	102.78 -3.72 -5.99	98.17 -3.97 -5.37	95.79 -4.78 -3.02	107.75 -6.30 -1.55	107.85 -5.79 -2.47	124.62 -6.89 -1.58	155.14 -12.21 0.00	160.31 -13.75 0.00	158.78 -13.43 0.00	124.13 -9.10 -3.33	103.09 -7.52 -1.57	96.94 -5.59 -2.60	96.93 -5.74 -1.95	93.68 -5.84 -2.10	96.87 -5.55 -1.60	101.49 -5.74 -2.80	108.85 -6.45 -4.08	131.30 -6.36 -5.02	129.65 -7.28 -4.56	107.92 -7.97 -6.70	101.95 -7.19 -6.42	104.34 -8.52 -2.20	95.75 -7.04 -2.28	98.73 -5.42 -3.84
V_CMM_10_SYNC_DSASP 323787	97.39 -3.12 0.00	94.06 -2.71 0.00	95.31 -2.24 0.00	110.36 -2.14 0.00	108.83 -2.34 0.00	126.56 -3.38 0.00	164.34 -3.01 0.00	171.11 -2.96 0.00	168.94 -3.28 0.00	126.26 -3.64 0.00	105.77 -3.27 0.00	96.43 -3.50 0.00	97.29 -3.42 0.00	94.11 -3.31 0.00	97.29 -3.53 0.00	100.46 -3.97 0.00	106.89 -4.34 0.00	126.55 -6.10 0.00	126.68 -5.69 0.00	105.36 -3.82 0.00	99.34 -3.39 0.00	107.56 -3.10 0.00	97.59 -2.92 0.00	97.60 -2.70 0.00
V_CMP_10_SYNC_DSASP 323788	99.31 -1.20 0.00	96.00 -0.78 0.00	97.36 -0.19 0.00	112.62 0.11 0.00	110.94 -0.22 0.00	129.03 -0.90 0.00	166.18 -1.16 0.00	173.20 -0.87 0.00	170.83 -1.38 0.00	127.43 -2.47 0.00	106.86 -2.18 0.00	97.24 -2.69 0.00	98.00 -2.71 0.00	94.80 -2.63 0.00	97.90 -2.93 0.00	101.19 -3.24 0.00	108.00 -3.23 0.00	127.74 -4.91 0.00	128.12 -4.24 0.00	106.35 -2.84 0.00	100.26 -2.47 0.00	108.67 -1.99 0.00	98.50 -2.01 0.00	99.40 -0.90 0.00
V_D_10_SYNC_DSASP 323841	96.99 -3.52 0.00	93.67 -3.10 0.00	95.21 -2.34 0.00	110.82 -1.68 0.00	109.05 -2.12 0.00	126.95 -2.98 0.00	164.50 -2.85 0.00	171.46 -2.61 0.00	169.12 -3.09 0.00	126.26 -3.64 0.00	105.44 -3.60 0.00	95.74 -4.19 0.00	96.68 -4.03 0.00	93.53 -3.90 0.00	96.59 -4.23 0.00	99.42 -5.01 0.00	106.00 -5.23 0.00	125.22 -7.43 0.00	125.48 -6.89 0.00	104.39 -4.80 0.00	98.72 -4.01 0.00	107.44 -3.21 0.00	97.19 -3.31 0.00	97.30 -3.01 0.00
V_E_10_SYNC_DSASP 323830	125.32 9.55 -15.26	119.26 8.81 -13.68	113.43 8.20 -7.69	125.78 9.33 -3.94	126.89 9.44 -6.28	146.70 12.74 -4.03	184.91 17.57 0.00	196.13 18.98 -3.08	189.60 17.39 0.00	150.60 12.21 -8.50	125.13 10.80 -5.29	115.47 8.89 -6.65	114.25 8.56 -4.98	110.96 8.18 -5.35	113.77 8.87 -4.07	121.72 10.13 -7.16	135.13 12.24 -11.66	164.96 17.64 -14.67	164.58 17.61 -14.61	141.68 13.54 -18.96	132.24 12.42 -17.09	130.69 12.61 -7.42	118.95 10.76 -7.68	120.52 10.43 -9.79
V_F_30_NSYNC___DSASP 323816	161.72 7.63 -53.58	152.08 7.26 -48.04	131.76 7.22 -26.99	134.55 8.21 -13.84	141.57 8.34 -22.06	154.07 10.01 -14.13	179.90 12.56 0.00	235.89 13.06 -48.76	185.30 13.08 0.00	169.72 10.00 -29.82	163.76 8.28 -46.44	130.66 7.39 -23.33	125.52 7.35 -17.46	123.23 7.02 -18.78	122.58 7.46 -14.30	137.71 8.15 -25.12	188.34 8.90 -68.21	235.42 10.88 -91.90	259.19 10.98 -115.85	224.77 8.62 -106.95	186.98 8.11 -76.14	184.40 8.64 -65.11	175.71 7.84 -67.36	142.28 7.62 -34.36

V_F_30_SYNC_DSASP 323786	157.70 4.82 -52.37	148.38 4.65 -46.96	128.22 4.29 -26.38	130.75 4.73 -13.52	137.28 4.56 -21.56	148.95 5.20 -13.82	173.37 6.02 0.00	212.47 6.27 -32.13	178.59 6.37 0.00	164.76 5.72 -29.14	148.26 5.67 -33.55	128.14 5.40 -22.81	123.02 5.24 -17.07	120.85 5.07 -18.36	119.74 4.94 -13.98	134.21 5.22 -24.56	171.43 5.12 -55.08	211.27 5.97 -72.65	223.99 5.82 -85.80	201.14 4.59 -87.37	174.61 4.31 -67.57	162.46 4.76 -47.04	153.80 4.62 -48.67	138.60 4.71 -33.59
V_XM_10_SYNC_DSASP 323789	99.31 -1.20 0.00	96.00 -0.78 0.00	97.36 -0.19 0.00	112.62 0.11 0.00	110.94 -0.22 0.00	129.03 -0.90 0.00	166.18 -1.16 0.00	173.20 -0.87 0.00	170.83 -1.38 0.00	127.43 -2.47 0.00	106.86 -2.18 0.00	97.24 -2.69 0.00	98.00 -2.71 0.00	94.80 -2.63 0.00	97.90 -2.93 0.00	101.19 -3.24 0.00	108.00 -3.23 0.00	127.74 -4.91 0.00	128.12 -4.24 0.00	106.35 -2.84 0.00	100.26 -2.47 0.00	108.67 -1.99 0.00	98.50 -2.01 0.00	99.40 -0.90 0.00
W.NYACK_69_KV_BK 521_REV_LBMP_G 345027	148.08 6.73 -40.84	139.68 6.29 -36.62	124.56 6.44 -20.57	130.47 7.43 -10.55	135.43 7.45 -16.81	149.41 8.71 -10.77	177.05 9.71 0.00	188.77 10.27 -4.43	182.89 10.68 0.00	162.24 9.61 -22.73	127.15 7.63 -10.48	124.71 7.00 -17.78	121.07 7.05 -13.31	118.56 6.82 -14.32	118.98 7.26 -10.90	131.00 7.41 -19.15	146.94 8.12 -27.59	176.77 10.21 -33.91	172.86 9.93 -30.57	162.54 7.97 -45.38	153.73 7.40 -43.61	133.21 7.86 -14.70	122.75 7.04 -15.21	133.01 6.52 -26.19
W49TH_ST_138_KV_38M43_REV_LBMP_J 345008	151.31 8.44 -42.36	142.69 7.94 -37.98	126.79 7.90 -21.33	133.47 9.23 -11.74	138.08 9.12 -17.80	151.89 10.78 -11.17	179.23 11.88 0.00	191.21 12.53 -4.61	185.30 13.09 0.00	171.63 11.82 -29.91	131.94 9.38 -13.53	129.83 8.59 -21.31	126.13 8.66 -16.76	123.64 8.38 -17.83	124.08 8.97 -14.28	135.43 9.09 -21.91	151.65 9.79 -30.63	181.11 12.20 -36.26	176.00 11.91 -31.72	165.77 9.50 -47.08	156.80 8.83 -45.24	136.42 9.41 -16.36	126.61 8.44 -17.66	136.40 7.92 -28.17
W50THST__13_KV_LOAD 356117	151.91 9.05 -42.36	143.36 8.61 -37.98	127.47 8.58 -21.33	133.92 9.68 -11.74	138.63 9.67 -17.80	152.41 11.30 -11.17	180.07 12.72 0.00	192.26 13.58 -4.61	186.34 14.12 0.00	172.54 12.73 -29.91	132.60 10.03 -13.53	130.43 9.19 -21.31	126.94 9.47 -16.76	124.32 9.06 -17.83	124.88 9.78 -14.28	136.16 9.82 -21.91	152.43 10.57 -30.63	181.91 13.00 -36.26	176.79 12.71 -31.72	166.42 10.15 -47.08	157.41 9.45 -45.24	136.98 9.96 -16.36	127.11 8.95 -17.66	136.90 8.43 -28.17
WADING RIVER_IC_1 23522	155.06 10.65 -43.90	151.16 10.06 -44.33	148.54 10.05 -40.94	148.15 11.70 -23.95	151.28 11.78 -28.34	155.71 13.39 -12.39	188.20 16.73 -4.12	223.65 17.07 -32.52	197.52 17.74 -7.56	168.55 13.76 -24.88	153.01 11.45 -32.52	145.71 9.19 -36.59	143.70 9.16 -33.82	143.73 8.77 -37.53	142.20 8.87 -32.50	151.25 10.24 -36.57	166.75 12.24 -43.28	197.63 14.05 -50.93	195.35 14.02 -48.96	181.07 11.36 -60.52	160.59 10.78 -47.08	151.11 10.29 -30.16	149.64 9.05 -40.08	144.77 8.32 -36.15
WADING RIVER_IC_2 23547	155.06 10.65 -43.90	151.16 10.06 -44.33	148.54 10.05 -40.94	148.15 11.70 -23.95	151.28 11.78 -28.34	155.71 13.39 -12.39	188.20 16.73 -4.12	223.65 17.07 -32.52	197.52 17.74 -7.56	168.55 13.76 -24.88	153.01 11.45 -32.52	145.71 9.19 -36.59	143.70 9.16 -33.82	143.73 8.77 -37.53	142.20 8.87 -32.50	151.25 10.24 -36.57	166.75 12.24 -43.28	197.63 14.05 -50.93	195.35 14.02 -48.96	181.07 11.36 -60.52	160.59 10.78 -47.08	151.11 10.29 -30.16	149.64 9.05 -40.08	144.77 8.32 -36.15
WADING RIVER_IC_3 23601	155.06 10.65 -43.90	151.16 10.06 -44.33	148.54 10.05 -40.94	148.15 11.70 -23.95	151.28 11.78 -28.34	155.71 13.39 -12.39	188.20 16.73 -4.12	223.65 17.07 -32.52	197.52 17.74 -7.56	168.55 13.76 -24.88	153.01 11.45 -32.52	145.71 9.19 -36.59	143.70 9.16 -33.82	143.73 8.77 -37.53	142.20 8.87 -32.50	151.25 10.24 -36.57	166.75 12.24 -43.28	197.63 14.05 -50.93	195.35 14.02 -48.96	181.07 11.36 -60.52	160.59 10.78 -47.08	151.11 10.29 -30.16	149.64 9.05 -40.08	144.77 8.32 -36.15
WALDENNY_12_KV_BK2 80841	103.86 -3.82 -7.17	98.85 -4.35 -6.43	95.70 -5.46 -3.61	107.27 -7.09 -1.85	107.78 -6.34 -2.95	124.42 -7.41 -1.89	156.13 -11.21 0.00	161.54 -12.53 0.00	159.82 -12.40 0.00	124.41 -9.48 -3.99	104.42 -6.54 -1.92	97.36 -5.70 -3.12	97.11 -5.94 -2.34	93.80 -6.14 -2.51	96.99 -5.75 -1.91	101.95 -5.85 -3.36	109.48 -6.67 -4.93	132.22 -6.50 -6.07	130.24 -7.68 -5.56	108.76 -8.52 -8.09	103.14 -7.29 -7.71	105.49 -7.86 -2.69	96.96 -6.33 -2.79	99.39 -5.52 -4.60
WALDEN__HYDRO 24148	148.21 6.73 -40.97	139.90 6.39 -36.74	124.62 6.44 -20.64	130.51 7.43 -10.58	135.48 7.45 -16.87	149.58 8.84 -10.81	177.39 10.04 0.00	189.13 10.44 -4.62	183.06 10.85 0.00	162.31 9.61 -22.80	127.21 7.52 -10.65	124.67 6.90 -17.84	121.02 6.95 -13.35	118.41 6.62 -14.36	118.91 7.16 -10.93	131.06 7.41 -19.21	147.27 8.23 -27.81	177.20 10.35 -34.21	173.53 10.19 -30.97	163.10 8.19 -45.72	154.15 7.60 -43.83	133.66 8.08 -14.93	123.09 7.14 -15.45	133.30 6.72 -26.27
WARRENSBURG____ 23737	162.89 8.64 -53.74	153.18 8.22 -48.19	132.71 8.09 -27.07	135.61 9.23 -13.88	142.73 9.44 -22.12	155.55 11.44 -14.18	182.24 14.89 0.00	239.54 15.49 -49.98	188.75 16.53 0.00	172.16 12.35 -29.91	166.44 10.03 -47.38	132.24 8.89 -23.41	127.10 8.86 -17.52	124.65 8.38 -18.85	123.64 8.47 -14.35	139.04 9.40 -25.21	190.67 10.23 -69.22	238.46 12.47 -93.35	263.14 12.71 -118.07	227.69 10.04 -108.46	188.91 9.35 -76.84	187.05 9.96 -66.43	178.19 8.94 -68.73	143.39 8.63 -34.46
WATERSIDE____6 8 9 23538	151.62 8.74 -42.37	142.89 8.13 -37.99	126.98 8.10 -21.34	133.33 9.23 -11.60	133.36 9.23 -12.96	144.16 10.91 -3.31	170.96 11.88 8.27	160.01 12.71 26.77	148.79 13.43 36.85	148.00 11.95 -6.15	129.36 9.49 -10.84	129.39 8.69 -20.76	126.23 8.76 -16.75	123.73 8.48 -17.83	124.07 8.97 -14.28	129.94 9.29 -16.22	141.61 10.01 -20.37	165.00 12.34 -20.01	149.23 12.18 -4.69	132.67 9.72 -13.76	120.19 9.04 -8.43	115.10 9.74 5.30	120.83 8.64 -11.68	132.66 8.22 -24.13
WATKINRD_115KV_LN8_ILLION 55919	102.82 2.31 0.00	99.00 2.23 0.00	99.70 2.15 0.00	114.86 2.36 0.00	113.61 2.45 0.00	132.92 2.99 0.00	171.03 3.68 0.00	177.90 3.83 0.00	176.00 3.79 0.00	132.89 2.99 0.00	111.55 2.51 0.00	102.33 2.40 0.00	103.03 2.32 0.00	99.67 2.24 0.00	103.14 2.32 0.00	106.94 2.51 0.00	113.90 2.67 0.00	136.10 3.45 0.00	135.81 3.44 0.00	111.92 2.73 0.00	105.29 2.57 0.00	113.42 2.77 0.00	103.12 2.61 0.00	102.81 2.51 0.00
WATSON____69_KV_BK 1 55734	156.74 11.76 -44.47	152.86 11.13 -44.96	150.16 11.12 -41.49	149.84 12.83 -24.51	152.92 12.90 -28.85	157.46 14.68 -12.84	189.97 18.24 -4.38	225.56 18.97 -32.52	199.17 19.29 -7.67	170.34 15.20 -25.24	154.95 12.87 -33.04	148.63 11.49 -37.20	146.65 11.48 -34.46	146.70 11.11 -38.17	145.66 11.80 -33.04	153.96 12.43 -37.10	168.90 13.79 -43.88	202.05 17.11 -52.29	199.25 16.81 -50.07	184.66 13.43 -62.04	163.02 12.53 -47.76	154.69 13.17 -30.86	153.07 11.76 -40.80	148.21 11.13 -36.77
WDELAWARE__HYD 323627	145.21 6.93 -37.78	137.23 6.58 -33.88	123.30 6.73 -19.03	129.91 7.65 -9.76	134.50 7.78 -15.55	149.26 9.36 -9.97	178.39 11.04 0.00	190.66 11.66 -4.93	184.27 12.05 0.00	160.93 10.00 -21.02	127.02 7.63 -10.35	123.18 6.80 -16.45	119.88 6.85 -12.31	117.20 6.53 -13.25	117.96 7.06 -10.08	129.56 7.42 -17.72	146.08 8.68 -26.17	176.24 11.27 -32.32	173.41 11.24 -29.80	160.96 8.84 -42.94	151.67 8.22 -40.72	133.81 8.64 -14.52	123.16 7.63 -15.02	131.65 7.12 -24.23

WEST BABYLON___IC 23714	157.48 11.26 -45.71	153.84 10.74 -46.33	150.88 10.63 -42.69	150.61 12.38 -25.73	153.59 12.45 -29.98	157.91 14.16 -13.81	189.53 17.24 -4.95	224.69 18.10 -32.52	198.55 18.43 -7.91	170.72 14.81 -26.01	155.63 12.43 -34.17	149.65 11.19 -38.53	147.84 11.28 -35.84	147.80 10.81 -39.56	146.64 11.59 -34.22	154.80 12.11 -38.25	169.62 13.24 -45.16	204.49 16.58 -55.26	201.14 16.28 -52.49	187.50 12.99 -65.32	163.99 12.02 -49.24	155.88 12.84 -32.39	154.34 11.46 -42.37	149.25 10.83 -38.11
WEST CANADA___HYD 24049	101.72 1.21 0.00	97.84 1.07 0.00	98.63 1.08 0.00	113.63 1.12 0.00	112.39 1.23 0.00	131.50 1.56 0.00	168.85 1.50 0.00	175.63 1.56 0.00	173.94 1.72 0.00	131.33 1.43 0.00	110.35 1.31 0.00	101.23 1.30 0.00	102.02 1.31 0.00	98.69 1.26 0.00	102.13 1.31 0.00	105.79 1.35 0.00	112.67 1.44 0.00	134.50 1.86 0.00	134.08 1.72 0.00	110.50 1.31 0.00	103.96 1.24 0.00	111.88 1.22 0.00	101.72 1.21 0.00	101.51 1.21 0.00
WESTERN_NY_WIND 24143	104.52 -2.21 -6.23	99.45 -2.90 -5.58	96.88 -3.80 -3.14	109.05 -5.06 -1.61	109.39 -4.34 -2.56	126.77 -4.81 -1.64	158.64 -8.70 0.00	164.32 -9.75 0.00	162.57 -9.64 0.00	126.48 -6.88 -3.46	105.23 -5.45 -1.64	98.65 -4.00 -2.71	98.61 -4.13 -2.03	95.32 -4.29 -2.18	98.55 -3.93 -1.66	103.38 -3.97 -2.92	110.81 -4.67 -4.25	134.17 -3.71 -5.23	132.23 -4.90 -4.76	110.06 -6.11 -6.98	104.06 -5.34 -6.67	106.43 -6.53 -2.30	97.66 -5.23 -2.38	100.08 -4.21 -3.99
WESTOVER___LESR 323668	115.25 0.70 -14.04	109.85 0.48 -12.59	104.82 0.20 -7.07	116.02 -0.11 -3.63	117.06 0.11 -5.78	134.03 0.39 -3.70	167.68 0.33 0.00	175.93 -0.17 -2.03	172.04 -0.17 0.00	137.58 -0.13 -7.81	113.46 0.33 -4.09	106.15 0.10 -6.12	105.39 0.10 -4.58	102.45 0.10 -4.92	104.77 0.20 -3.75	111.33 0.31 -6.58	121.97 0.78 -9.97	146.74 1.72 -12.37	145.46 1.46 -11.64	125.83 0.33 -16.31	118.41 0.41 -15.28	116.95 0.55 -5.74	106.95 0.50 -5.94	109.91 0.60 -9.01
WETHRSFD_WT_PWR 323626	105.09 -3.52 -8.10	100.07 -3.97 -7.27	96.76 -4.87 -4.08	108.30 -6.30 -2.09	108.84 -5.67 -3.34	125.97 -6.10 -2.14	158.47 -8.87 0.00	163.63 -10.44 0.00	161.37 -10.84 0.00	125.57 -8.84 -4.51	105.03 -6.21 -2.20	97.97 -5.50 -3.53	97.72 -5.64 -2.64	94.52 -5.75 -2.84	97.64 -5.35 -2.16	103.02 -5.22 -3.80	111.49 -5.34 -5.59	134.51 -5.04 -6.90	132.75 -5.95 -6.34	111.49 -6.88 -9.18	105.29 -6.16 -8.72	107.44 -6.30 -3.08	98.58 -5.12 -3.19	101.19 -4.31 -5.20
WHAVSTOR_138KV_BK127 55557	147.62 6.23 -40.88	139.34 5.90 -36.66	124.09 5.95 -20.59	130.04 6.98 -10.56	135.00 7.00 -16.83	148.91 8.19 -10.79	176.22 8.87 0.00	187.91 9.40 -4.44	182.03 9.82 0.00	161.74 9.09 -22.75	126.73 7.20 -10.50	124.23 6.50 -17.81	120.69 6.65 -13.32	118.09 6.33 -14.33	118.59 6.86 -10.91	130.60 7.00 -19.17	146.42 7.56 -27.63	176.15 9.55 -33.95	172.24 9.27 -30.61	162.05 7.42 -45.44	153.27 6.88 -43.66	132.68 7.30 -14.72	122.37 6.63 -15.22	132.64 6.12 -26.22
WHAVSTOR_138_KV_BK127_REV_LBMP_G 345015	147.62 6.23 -40.88	139.34 5.90 -36.66	124.09 5.95 -20.59	130.04 6.98 -10.56	135.00 7.00 -16.83	148.91 8.19 -10.79	176.22 8.87 0.00	187.91 9.40 -4.44	182.03 9.82 0.00	161.74 9.09 -22.75	126.73 7.20 -10.50	124.23 6.50 -17.81	120.69 6.65 -13.32	118.09 6.33 -14.33	118.59 6.86 -10.91	130.60 7.00 -19.17	146.42 7.56 -27.63	176.15 9.55 -33.95	172.24 9.27 -30.61	162.05 7.42 -45.44	153.27 6.88 -43.66	132.68 7.30 -14.72	122.37 6.63 -15.22	132.64 6.12 -26.22
WHITEHAL_115KV_TB1 80871	165.33 11.16 -53.67	155.45 10.55 -48.13	135.02 10.44 -27.03	138.18 11.81 -13.86	145.38 12.12 -22.10	158.77 14.68 -14.16	186.76 19.41 0.00	244.26 20.71 -49.47	194.26 22.04 0.00	176.00 16.24 -29.87	169.22 13.19 -46.99	135.00 11.69 -23.37	129.79 11.58 -17.49	127.25 11.01 -18.82	126.03 10.89 -14.32	141.82 12.22 -25.17	193.37 13.35 -68.79	241.70 16.32 -92.74	265.92 16.41 -117.15	230.12 13.10 -107.83	191.50 12.22 -76.55	189.49 12.95 -65.88	180.23 11.56 -68.16	146.06 11.33 -34.42
WHITEPLN_13_KV_LOAD 356215	151.12 8.34 -42.27	142.61 7.94 -37.90	126.74 7.90 -21.29	132.76 9.34 -10.92	137.79 9.23 -17.40	152.00 10.91 -11.15	179.90 12.55 0.00	192.08 13.40 -4.60	186.16 13.95 0.00	165.93 12.21 -23.82	129.71 9.81 -10.86	127.24 8.89 -18.41	123.55 9.06 -13.77	120.92 8.67 -14.82	121.38 9.28 -11.28	133.76 9.50 -19.82	150.14 10.34 -28.57	180.62 12.87 -35.11	176.73 12.71 -31.66	166.33 10.15 -46.98	157.32 9.45 -45.14	135.84 9.96 -15.22	125.10 8.84 -15.75	135.74 8.33 -27.11
WM_FLOYD_69_KV_BK2 356380	155.40 10.96 -43.93	151.59 10.45 -44.36	148.86 10.34 -40.97	148.52 12.04 -23.98	151.65 12.12 -28.37	156.12 13.77 -12.42	188.55 17.07 -4.13	224.17 17.58 -32.52	197.86 18.08 -7.57	168.96 14.16 -24.90	153.48 11.89 -32.55	146.55 9.99 -36.62	144.54 9.97 -33.85	144.64 9.65 -37.57	143.74 10.38 -32.53	152.10 11.07 -36.60	167.23 12.68 -43.32	198.91 15.25 -51.01	196.48 15.09 -49.02	181.92 12.12 -60.61	161.25 11.40 -47.12	152.36 11.51 -30.20	150.78 10.15 -40.12	146.02 9.53 -36.19
WOODARD___115KV_TB2 355635	103.35 -1.11 -3.95	99.05 -1.26 -3.54	98.17 -1.37 -1.99	111.72 -1.80 -1.02	111.12 -1.67 -1.62	129.42 -1.56 -1.04	165.00 -2.34 0.00	171.63 -2.44 0.00	169.80 -2.41 0.00	130.54 -1.56 -2.20	107.73 -1.31 0.00	100.55 -1.10 -1.72	100.89 -1.11 -1.29	97.64 -1.17 -1.38	100.77 -1.11 -1.05	105.24 -1.04 -1.85	111.90 -1.00 -1.67	133.92 -0.53 -1.81	132.18 -0.79 -0.61	111.01 -1.09 -2.92	105.32 -1.03 -3.63	109.33 -1.33 0.00	99.20 -1.31 0.00	101.63 -1.20 -2.53
YORK___WARBASSE 23770	152.02 9.15 -42.37	143.28 8.52 -37.99	127.28 8.39 -21.34	199.93 9.45 -77.97	201.43 9.34 -80.93	207.48 11.17 -66.37	237.63 12.38 -57.90	411.80 13.40 -224.32	444.22 13.95 -258.06	394.01 12.47 -251.64	366.38 9.92 -247.42	366.38 9.09 -257.35	366.38 9.17 -256.50	366.38 8.87 -260.09	366.38 9.38 -256.18	366.38 9.71 -252.23	387.43 10.46 -265.75	383.82 12.87 -238.31	366.25 12.71 -221.18	399.91 10.15 -280.57	415.43 9.55 -303.16	378.91 10.29 -257.97	321.55 9.15 -211.89	247.47 8.63 -138.54